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SEP 9 1960
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Volume 19, Number 2
September 1960

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Illinois State Board of Vocational Education

SOUTHERN ILLINOIS UNIVERSITY

CARBONDALE

ILLINOIS

School of Agriculture

Agricultural Industries Department



August 19, 1960

Letter No. 3

TO: Illinois Vocational Agriculture Teachers

In 1959-60 eleven men qualified to teach Vo-Ag. Five have accepted teaching positions at Sesser, Onarga, Bureau County Township H. S., Patoka and Newton. One has his commission and is taking his tour with the Air Force. Another is working for Producers Seed Company. The other four are doing graduate work toward an M. S.

Ten seniors will be student teaching this year. They will be at Pinckneyville, Flora, and Joppa. Joppa is a new center and Clarence Cox is the vocational agriculture instructor.

Sociology 586--Group Dynamics--is offered on Monday nights as an on-campus course; Vo-Ag teachers may find this useful. EDAD 539--Community Development through the Schools--is also offered on Monday night.

There is a course on Audio-Visual Methods of Instruction available at Mt. Vernon on Thursday night and at Marion on Tuesday night.

Agronomy Field Days are September 16 and 17, 1:00 p.m. and 9:00 a.m., respectively, at the Carbondale Agronomy Research Center. There is a Co-op workshop on September 14 and 15. The Farmers Home Administration is holding on campus a Southern Illinois Field personnel conference on farm building problems on September 7 and 8.

Ag. I. 114--Introductory Agricultural Economics--will be offered at Eldorado as an extension course this fall.

Professor Milton Shute is taking a year's sabbatical to work on his Ph.D. in Agricultural Engineering at the University of Missouri. Prof. E. W. Lehmann, retired head of the Agricultural Engineering Department at the University of Illinois, will be teaching his courses during the coming year.

Dean W. E. Keeper has taken a two-year leave of absence to work with the Food and Agricultural Organization of the United Nations. His office will be in Rome, Italy. Mrs. Keeper and their two younger children accompanied him. His duties will involve wide travel throughout the world. Dr. Herman M. Haag, a visiting professor on the staff last year, is acting dean.

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AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

Replanning Conferences. Conferences on replanning agricultural education in the public schools, similar to the conference held at the University of Illinois on March 22, will be conducted in various parts of the state during the fall. The first one of these to be scheduled will be held at Southern Illinois University on October 21.

School Board members, administrators, counselors, and teachers of agriculture are invited to these meetings. HMH

Graduate Courses, First Semester, 1960-61. Education 471, Policy and Policy Making for Public School Education in Agriculture, will be offered on campus on Tuesday evenings during the first semester. Registration takes place on September 17.

Ed. 477, Field Studies in Agricultural Education, will be given at Lincoln and Bowen, beginning on September 21 and 22, respectively. Centers for Ed. 370, Agricultural Education for First-Year Teachers, will be announced soon. HMH

New Dean of the College of Education. Dr. Alonzo G. Grace became Dean of the College of Education on September 1, 1960. He has served in recent years as Associate Dean in Charge of Graduate Work at New York University. Dr. Grace spent his first 35 years in the Middle West in Minnesota, South Dakota, and Ohio. He has had a remarkable experience in education including 10 years as Commissioner of Education in Connecticut and two years in Germany as Dr. Conant's assistant responsible for education. Some of his earliest and most continuous interests have been in vocational and adult education. HMH

Regional Research Conference. Illinois was represented at the annual regional conference on research in agricultural education on the St. Paul Campus of the University of Minnesota by Ralph Benton, G. P. Deyoe, R. L. Guin, H. M. Hamlin, Paul E. Hemp, and L. J. Phipps. During the meeting the conference was reorganized to deal primarily with four aspects of research: the need for research, research design, research analysis and interpretation, and using research findings. The reorganization reflects the growing sophistication about research on the part of the participants. This was the fourteenth conference. About 75 attended from 12 states. L. J. Phipps was chosen Chairman of the group dealing with research design and Paul E. Hemp was elected secretary of the group dealing with analysis and interpretation. HMH

Iroquois County Teachers of Agriculture Have Special Section in County Workshop. As in some other counties, the teachers of agriculture in Iroquois County will have a special section at the annual workshop to be held on September 16. It is significant that a workshop has replaced a county institute. H. M. Hamlin will meet with the 12 teachers of agriculture in a discussion of "Agriculture for All Pupils". HMH

Shelbyville High School Agricultural Scholarship. The Shelby Lumber Company has arranged for a \$100 scholarship to be awarded annually to a graduate of Shelbyville High School who has studied agriculture. Among other qualifications, applicants must be studying agriculture or a closely related field in a college or university and must be a candidate for a degree. The scholarship is awarded at the end of the first quarter or semester of work. Information about the scholarship was received from Kenneth Diehl, teacher of vocational agriculture, Shelbyville High School. AHK

Dr. Phipps on Sabbatical Leave. Dr. L. J. Phipps' first sabbatical leave began on August 1 and will continue until February 1. HMH

Placement Arrangements. Dr. A. H. Krebs is the representative of the Division who works with the Teacher Placement Office in the placement of teachers of agriculture during 1960-61. Dr. M. Dale Baughman of the Teacher Placement Office retains the primary responsibility of the placement of these teachers. HMH

New Coordinator of Services, College of Education. Dr. J. Marlowe Slater, Director of the Teacher Placement Office, has assumed additionally the responsibilities of the Coordinator of Services, College of Education, succeeding H. M. Hamlin, who has held this part-time position for the past three years. HMH

Graduate Assistants, Division of Agricultural Education. Graduate assistants for 1960-61 are J. R. Warmbrod, doctoral student from Belvidere, Tennessee; John Terwilliger, who has been teaching vocational agriculture at Ogden, Illinois; and Allen McCowan, 1960 graduate of the College of Agriculture from Elwood, Illinois. HMH



IAVAT^{NEW}

ILLINOIS ASSN. OF VO-AG TEACHERS

Guidance Meetings. Are you talking it up for that Guidance meeting in your section in September? The purpose of this is not to "drum" up business for the ag department but to show how important the whole field of agriculture is and to broaden the horizons of all participants.

Ag Ed Magazine. The state association is sending 28 subscriptions to key people who should know about our program of activities. How about the ag men in every county sending a subscription to your county supt. of schools? Let's quit talking to ourselves and let other people know about the good things that ag departments are doing.

Summer Programs. Could we print a few sample summer programs that were actually accomplished. We'll not mention any names. If your neighbor is too modest send in his. Some fellows are doing a lot more than they are getting credit for. Let's publicize the good ones, not the rare one that might be eight weeks summer school and one months vacation. I'm sure there are none like that in Illinois.

How about having your sectional meeting in August instead of September? Could your leadership training school be organized next year for August--no conflicts with football practice, etc. Help to fill up the summer program. How about holding your land judging contest in August.

Let's not kid ourselves, we've got to do more than pursue our sidelines in the summer if we can resist the pressures that are developing. The State Office and the University is not hounding us but trying to help us. They know where the pressures are. Send me a copy of the program you followed this summer. No names will be mentioned unless desired.

There are two new things we would like to initiate in our IAVAT program for the coming year. They are:

1. Recognition of outstanding friends of vocational agriculture among the administrators of the state--such recognition to be given at the June banquet in 1961.
2. An exchange of Ideas contest among Illinois teachers of vocational agriculture, similar to the contest sponsored by the NVATA.

SELECTING THE ADMINISTRATOR:

A. Each section will settle on one man and forward his name and credentials to the executive committee for final selection. (The executive committee will not make final selection)

1. It seems that: an outstanding administrator should provide a harmonious climate backed up by a liberal budget for the vo-ag man to develop his vo-ag program to the maximum. Time off should be given, without quibbling, for the ag man to attend IVA, the National F. F. A. Convention, and other meetings held during the school year of a professional nature. The ag man should not be loaded down with extra classes and study halls to keep that per capita cost per student down, if there is ample potential in that school for a full time ag man. The farm shop should not have to compete with the school bus and driver training car for space. (use your own judgment on this one)

A. The man selected should not only have the unqualified endorsement of his own ag man but surrounding ag men should solidly support this man as a real friend of vocational agriculture.

B. This is not a popularity contest to ingratiate yourself with your boss, to get a decent raise, or your wife a job. If you have made the statement in the past that he has 'been weighed in the balance and found wanting', please do not trot him out as the hope of '61.

C. The five selections in each district will compete for the district winner. (It is possible the five best men may not be selected the first year but there will be other years)

EXCHANGE OF IDEAS CONTEST:

1. Write 300 words or less on some idea that has been successful for your neighboring ag man or yourself.

2. Mail these double spaced typewritten ideas to the President of your organization by June 1, 1961. (He is not the judge)

3. Appropriate prizes will be awarded at the June '61 banquet.

Keith McGuire

VO-AG SERVICE

Announcements & Notes

FFA Roadside Signs -- Reconditioning and New. Schools having FFA signs that need to be reconditioned this year should fill out and return the tear sheet that accompanies this issue of the AIDS. Tear sheets should be filled out and mailed so as to reach our office by October 15, 1960. Immediately thereafter, we will make arrangements for painting and lettering sufficient sets of signs to replace sets needing reconditioning. Schools wishing to do so may leave their sets of signs on the posts until notified that a replacement set is ready for exchange.

There is no charge to schools for reconditioning signs except 1) for transportation on signs to be shipped to or from Vocational Agriculture Service or 2) for signs that are to be replaced because of damage to, or loss of, a sign in the series. The charge for replacing lost, broken or damaged signs is \$1.00 each, f. o. b. Urbana. Please note that the \$1.00 is a replacement charge where a usable sign is not available for exchange. The Illinois Foundation FFA has budgeted an amount which is probably sufficient to pay reconditioning costs except as mentioned previously.

Funds budgeted by the Illinois Foundation FFA, will probably permit distribution of some additional sets of roadside signs this year. Orders will be accepted on a "first come - first served" basis under the following conditions:

1. Orders must be for slogans for which we already have silk screens for lettering. (These 11 slogans will be found on the back side of the tear sheet.)
2. Orders must reach the VAS office by October 15, 1960.
3. Orders from schools that now have sets of signs or from schools ordering two or more sets at the same time will be held and filled if funds remain after setting aside a sufficient amount to pay for 1st sets ordered by schools.
4. Shortly after October 15, if your order for FFA signs is accepted, you will be sent a form to be signed and returned with a \$2.00 token fee for each set of signs. That form will include information to the effect that--
 - a) The approval of your school administrator and the consent of the land owner have been given for the erection of signs
 - b) The signs will be located on or inside the property owner's fence line
 - c) The area of location will be completely unobstructed by trees, buildings, etc., between the series of signs
 - d) The series will be located on the right hand side of the road and on a State or U. S. numbered highway
 - e) The five signs will be equidistant with not less than 100 feet nor more than 150 feet between any pair
 - f) Each sign will be bolted to a metal or a preservative treated wood post furnished by the chapter with the bottom of each sign the same height from the ground but not less than six feet
 - g) No signs will be located inside city limits

- h) The set or individual signs will be returned to Vocational Agriculture Service for repairs and repainting (to be paid by the Illinois FFA Foundation) when recommended by the sectional FFA vice president. (Shipping charges are to be paid by the chapter.) M. H.

Extramural Courses in Agriculture- First Semester 1960-61. The following information is in regard to extramural courses in agriculture which can be given the first semester subject to adequate enrollment:

<u>Course</u>	<u>Title</u>	<u>Instructor</u>	<u>Meetings</u>
Agricultural Economics 324	Farm Operation	Van Arsdall	East St. Louis Senior High School, 4901 State St., Room 103 at 6:30 p. m. on Thursdays, beginning September 22, 1960.
Agr. Eng. 381	Farm Electrical Equipment	Herum & Daum	Dixon High School, 7:00 p. m. on Wednesdays, beginning September 21, 1960.
Agronomy 306	Fertilizers and Their Soil Reaction	Kurtz	Oregon, Illinois, Farm Bureau Building, at 7:00 p. m. on Wednesdays, beginning September 21, 1960.
Agronomy 326	Weeds and Their Control	Slife	Springfield High School, 101 S. Lewis St., Room 110, at 7:00 p. m. on Tuesdays, beginning September 20, 1960.
Plant Pathology 377	Diseases of Field Crops	Bever	Pekin High School, Room 71, at 8:30 a. m. on Saturdays, beginning September 17, 1960.

M. H.

Guidance in Agricultural Opportunities. Twenty-five meetings in guidance and counseling in agricultural education to be held throughout Illinois are being planned by the Agricultural Education Division of the State Board of Vocational Education for early in the school year, 1960-61.

The meetings are planned for school administrators, guidance personnel, and vocational agriculture teachers. (See page 10 for schedule of meetings.)

The purpose of this meeting is (1) to assist students to make sound educational as well as vocational plans and (2) to find and implement ways in which the vocational agriculture teacher can contribute to and cooperate with the total guidance program of the school.

The Department of Agricultural Education and the Vocational Agriculture Service of the University of Illinois, the Occupational Information and Guidance Division, and the Agricultural Education Division of the State Board of Vocational Education, are cooperating in the development of the guidance and counseling meetings.

The plan will be to hold the meetings from 4:30 p. m. to 9:30 p. m. In most places, the dinner will be served in the school cafeteria at prices ranging from \$1.25 to \$1.75.

H. R. D. --M. H.

Material from Internal Revenue Service. We have received the following information from Mr. J. G. Philpott, District Director of Internal Revenue at Springfield:

"Each year every high school that has indicated an interest in 'Teaching Taxes' is given the opportunity to participate in the current year's program. The Springfield District has some 750 schools on its mailing list. All of these schools will receive a letter about September 15, 1960, inviting them to order materials they need for the course during the current season. These letters will be addressed to the schools rather than to individuals by name."

We suggest that teachers wishing to use this material check with their school administrators so that they can order the amounts needed. J. H. H.

Units--Advanced Orders for. Between August 24 and September 10 unit shipments will be made to all whose advanced orders reached our office by the first deadline date (September 1). Those shipments will include copies of 15 different units totaling 140 pages per set, which will include all units to be released during the 1960-61 school year.

This year for the first time there is a second deadline on advanced orders for units. Those ordering (between September 1 and December 1) the same number of copies of each of the 15 units and 10 or more sets, can secure them at the price of \$1.00 per set, f. o. b. Urbana. A set consists of one copy of each and every one of the 15 units.

A copy of each of the 15 units will be included with the October Ag. Releases. The October AIDS will carry a listing of the new units and their prices, as well as a tear sheet for the convenience of those wishing to order copies of individual units. M. H.

Units--New Price on Units Issued Prior to 1960-61 When Purchased in Sets. Those ordering a complete set of the 77 different units including Nos. 1001 to 1023; 2001 to 2019; 3001 to 3010; and 4001 to 4035, can now secure these at \$9.42 for the 77 units instead of at the previous postpaid price of \$18.84. If ordering one to four copies of many of the units it may pay you to check to see if it might not be cheaper for you to order the complete set at the new figure. M. H.

Agricultural Releases for 1960-61. As of today (August 20) we have approximately 425 subscribers to 1960-61 Agricultural Releases. Of course, by the time you read this notice the September 1 deadline date will have passed but those interested should remember that it is still possible to subscribe up to December 1. Approximately the first 100 whose subscriptions reach our office after today will be able to get all releases for the school year, although their first mailing may be late in reaching them, depending upon when the subscription reaches our office. M. H.

Problem and Key for Illinois Farm Account Books. As announced at the June Conference and on numerous occasions since that time, Vocational Agriculture Service will have a new problem and key for use with the Illinois Farm Account Book. Work on this is progressing and copies will be available on or before November 1. When available, a single copy of the problem will be included with Agricultural Releases.

Those ordering copies of the problem and key now will be sent current (old) copies. Those wishing copies of the problem and key to be released by November 1 should defer ordering until they have been announced as being available. M. H.

Soil Testing. Because of developing conditions we probably will not rerun Unit 4003, "Testing Soils for Phosphorus" and Unit 4004, "Testing Soils for Potassium," when our present supply is exhausted. It is entirely possible that we may refrain from rerunning others of our units dealing with soil testing and closely related topics. Further, it now appears that we will not have revisions of those available when the supply of present units is exhausted. This announcement is made because some may prefer not to order any of these units since changes are "in the making." Others may prefer to order now while they can still get something on the subject. We shall try to keep you informed, but it is my personal opinion that no revisions of the testing units will be available from Vocational Agriculture Service before the 1963-64 school year. Certainly our current supply of units will be exhausted long before that time!

M. H.

Composit Orders--Status of. The following is a resume of composite orders received in our office by July 1.

So far as we know, all orders for Slide Sets I, II, III, V, and VI that reached our office by July 1 have been filled. Some of the orders that reached us after July 1 have been filled since we ordered a few more sets than needed for orders on hand. Slides needed to fill the balance of the orders on hand and to fill orders that reach us between now and October 15 will be ordered October 17.

According to our records, all orders for concrete kits received to date have been filled. Any orders reaching us between now and October 15 may need to be held until delivery can be made following our placing of orders on October 17.

We placed orders the first week in July for items needed to fill orders for tractor maintenance kits ordered by July. To date all but one of the items for the kits have been received. We hope that will arrive so shipments can be made to schools by September 1. We have a large number of orders for tractor maintenance kits that reached us after July 1 and which may be held by us until October 17. If you wish information so you can order direct, we shall be glad to send you a sheet giving that information.

The first week in July we placed orders for items in the small engine kits. To date none of those have been received. We assume, however, that they should arrive in the near future. We can only assure you that shipment will be made from here as soon as possible after the materials arrive. Orders reaching us after July 1 are being held and probably will not be placed until October 17. A sheet giving source and catalog numbers of the items included in those kits is available if you wish to order direct.

M. H.

Soybean Production for Beans--Tennessee Mimeograph 29. We have recently received a letter from Tennessee indicating that they have not received enough additional orders from other states to permit rerunning at a reasonable cost copies of the publication entitled "Soybean Production for Beans." The letter further states that their remaining supply would permit their sending us only a small fractional part of the more than 200 copies ordered by Illinois teachers. Consequently, at the present time it appears that we will be unable to fill orders for those who requested copies at conference time.

M. H.

IAVAT Minutes. With each copy of the September AIDS sent to a vocational agriculture teacher in Illinois will be found a copy of the IAVAT Minutes. The minutes have been stapled as a separate unit and folded inside the cover of the AIDS so they can be removed for filing. If for any reason your copy fails to reach you, please let us know as we ran a few extras. The copies remaining after about the middle of September will be forwarded to J. W. Berger at Charleston, IAVAT secretary-treasurer.

M. H.

Tape-of-the-Month for 1960-61. Since so few subscribed to Tape-of-the-Month service for 1960-61, we made a survey of approximately 50 of last year's subscribers who failed to renew this year. We certainly appreciate the comments those teachers gave us. Suffice to say that we believe practically all of their objections were quite valid but, unfortunately, were objections about which our own office could do little or nothing to overcome. Consequently, we have decided to discontinue plans for that program for 1960-61. We plan, however, to continue developing tape recordings from time to time. Those will be announced in the AIDS as they become available but will be sent only upon the basis of individual orders and not as a part of a Tape-of-the-Month service

M. H.

Film Report--Electric Heating Cable for Swine. Several teachers have returned the order blank that accompanied the August AIDS as a part of the insert dealing with the film report on construction and installation of electric heating cable for swine. Orders received in this office have been forwarded to Agricultural Engineering but billing will be on your open account with Vocational Agriculture Service. We wish to call attention to the following statements that were included on the order form. "Fill in the coupon and mail it back by August 20, 1960. Your order will be shipped by September 20. Orders that arrive after August 20 may not be filled until enough orders are received for another mass production run."

M. H.

NEW BOOKS

Only one book has been added to our library since the last issue of the AIDS. Any of the books that we list are available for review in our office by those who are interested therein. Further, as long as the editions are current the books will be included in such exhibits as the one made at the annual conference of vocational agriculture teachers, and the like.

Teachers who are interested in securing a copy for their own use should write direct to the publisher.

EDUCATORS GUIDE TO FREE CURRICULUM MATERIALS--ELEMENTARY TEACHERS. Seventeenth Annual Edition. 1960 \$7.50. Educators Progress Service, Randolph, Wisconsin.

The following is quoted from a sheet that accompanied our copy of the material.

"This volume replaces all preceding editions. Limiting the content of the GUIDE to about 1,200 titles, and using less than 50% of the available acceptable listings, together combine to make the materials listed in this edition most highly selective. Every title has been rechecked for availability, nature and content of listing, distribution conditions, and educational value. This edition lists 1,298 items, of which 547, or 42.1% are new. All new titles are starred. Many titles have been deleted. Materials are available from 466 sources, of which 105 are new this year. The units have been included in the Guide, as a Teacher's Manual, for convenient reference."

M. H.

Schedule for Guidance and Counseling Meetings
for
Agricultural Education in Illinois

1960

<u>Section</u>	<u>High School</u>	<u>Date</u>
1	Freeport	Thurs., Sept. 15
2	Morrison	Tues., Sept. 20
3	Kewanee	Tues., Sept. 13
4	Warren (R. R. Monmouth)	Tues., Sept. 27
5	Wyoming	Thurs., Sept. 29
6	Sycamore	Tues., Sept. 20
7	Morris	Wed., Sept. 14
8	Joliet	Wed., Sept. 28
9	Normal	Thurs., Sept. 29
10	Watseka	Wed., Sept. 21
11	Macomb	Thurs., Sept. 22
12	Canton	Tues., Sept. 20
13	Quincy	Wed., Sept. 28
14	Lincoln	Thurs., Sept. 29
15	Carrollton	Thurs., Sept. 29
16	Maroa	Tues., Sept. 20
17	Gibson City	Tues., Sept. 27
18	Jamaica (Sidell)	Tues., Oct. 4
19	Shelbyville	Tues., Sept. 20
20	Teutopolis	Tues., Oct. 4
21	Mulberry Grove	Thurs., Sept. 15
22	Waterloo	Wed., Sept. 21
23	Olney	Tues., Sept. 27
24	West Frankfort	Thurs., Oct. 6
25	Vienna	Tues., Sept. 13

INDEX TO ITEMS IN VO-AG SERVICE SECTION

	<u>Page</u>
Agricultural Releases for 1960-61	7
Composite Orders--Status of	8
Extramural Courses in Agriculture--First Semester 1960-61	6
FFA Roadside Signs--Reconditioning and New.	5
Film Report--Electric Heating Cable for Swine	9
Guidance in Agricultural Opportunities	6, 10
IAVAT Minutes	8
Material from Internal Revenue Service.	7
New Books	9
Problem and Key for Illinois Farm Account Books	7
Soil Testing	8
Soybean Production for Beans--Tenn. Mimeo. 29	8
Tape-of-the-Month for 1960-61	9
Units--Advanced Orders for	7
Units--New Price When Purchased in Sets	7

Series No.

I	Future Farmers	Turn the sod	And never once	Forget their God	(Your Town) FFA Chapter
II	Future Farmers	Learn to do	Future Farmers	Do it too	(Your Town) FFA Chapter
III	Serving Others	Is our aim	"Future Farmers"	Is our name	(Your Town) FFA Chapter
IV	Future Farmers	Point the way	To agriculture's	Better day	(Your Town) FFA Chapter
V	Future Farmers	Take a stand	For conservation	Of the land	(Your Town) FFA Chapter
VI	Raising Livestock	Or having fun	Future Farmers	Get things done	(Your Town) FFA Chapter
VII	Future Farmers	Set the pace	For the farmers	Any place	(Your Town) FFA Chapter
VIII	Future Farmers	Always working	Future Farmers	Never shirking	(Your Town) FFA Chapter
IX	Future Farmers	Lead the way	While at work	And at play	(Your Town) FFA Chapter
X	Future Farmers	True and blue	Everyone knows	What they can do	(Your Town) FFA Chapter
XI	Our FFA	Is here to stay	We've learned to make	Our home farms pay	(Your Town) FFA Chapter

TO: Vocational Agriculture Service
434 Mumford Hall
Urbana, Illinois

Our chapter has a set of FFA roadside signs that needs reconditioning

The set carries slogan number _____.*

Our chapter desires (a) (another) set of FFA roadside signs. We do NOT wish to accept slogans numbered _____.*

Our ranking of the (remaining) slogans that we will accept is as follows.**

* See opposite side of this sheet for each of the eleven available slogans and their numbers.

** List the slogan numbers in order of preference with your most desirable one being listed first. It might be advisable to list numbers of all slogans that you will accept.

PRICE LIST OF FEEDS^{1/}

August 1960

The feed prices for many of the feedstuffs used in vocational agriculture projects are listed below. This list is meant to be used as the basis of values for all boys obtaining their feed at home. All feed actually purchased should, of course, be recorded at prices paid.

Kind of feed	Cost per bu., cwt., or tons in dollars
Corn, bu. ^{2/}	1.10
Corn, ground, bu.	1.20
Oats, bu. . . . .	.58
Oats, ground, bu . . . . .	.68
Barley (feed), bu . . . . .	.90
Barley, ground, bu	1.00
Sorghum grain, cwt	1.68
Sorghum grain, cracked, cwt.	1.78
Garbage and kitchen waste, ton	8.50
Whole milk, cwt.	3.00
Corn silage, ton	12.00
Sorghum silage, ton	11.00
Grass silage, ton	
No preservative added	8.00
Preserved with 70-100 lb. molasses	9.00
Preserved with 150-200 lb. ground corn	12.00
Clover and mixed hay)	20.00
Cowpea hay)Add \$5 per ton	18.00
Soybean hay)for baled hay.	18.00
Alfalfa hay)and straw	20.00
Timothy hay).	18.00
Corn stover, ton	11.00
Oat straw, ton	16.00

^{1/} Prepared by W. W. Albert, Dept. of Animal Science, University of Illinois, Urbana, Illinois

^{2/} High-moisture corn to be discounted at the rate of 1¢ for each 1/2% moisture above 15.5%.

Pasture Rates*

- Calves and colts, 6 to 12 months old, 6 cents/head/day
- Calves and colts, 12 to 24 months old, 9 cents/head/day
- Cattle, 24 months and older, 12 cents/head/day
- Pigs, 50 to 100 pounds 1/4 cent/head/day
- Lambs up to weaning, 1 cent/head/day
- Sheep or lambs after weaning 2-1/2 cents/head/day

*Cattle full-fed grain on pasture, reduce pasture rates 2/3, and cattle limited-fed grain on pasture, reduce pasture rates 1/3.

VOCATIONAL AGRICULTURE SERVICE

University of Illinois · College of Agriculture

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SSHL

VO-AG AIDS

Volume 19, Number 3

October 1960

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AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

Publications Useful to Teachers of Vocational Agriculture. The following publications were prepared by members of the staff of the Division of Agricultural Education, sometimes in collaboration with others. Publications which have appeared during the past year are listed, together with a few older publications which remain useful. In general, publications previously listed are not included.

1. Available from the Office of Field Services, College of Education, 309 Gregory Hall, Urbana, Illinois.

Replanning Agricultural Education in Illinois Schools. 1958. 52 p.

Report of Study Group on Agriculture, Allerton House Conference on Education providing data regarding the history and status of agricultural education in the public schools; discussing the purposes and the clientele who might be served, school-college relationships in agricultural education, financing agricultural education; and recommending regarding the future program.

2. Available from the Division of Agricultural Education, College of Education, 103 Gregory Hall, Urbana, Illinois.

Evaluation of Agricultural Education in Community Unit District 200-U, Beecher, Illinois. 1959. 8 p.

Report of the second comprehensive evaluation of a program uniquely established and conducted. Evaluation conducted by staff of Division of Agricultural Education with cooperation of local school authorities and advisory committee.

Policies, Procedures, and Rules for a Citizens Consulting Committee for Agricultural Education. 1957. 5 p.

The standard procedure recommended for establishing advisory committees for agricultural education affiliated with central, school-wide committees or organized separately. Suggests a resolution a board of education might adopt in establishing a committee, procedures for establishing and conducting a committee, and rules a committee might adopt.

Deyoe, George P., Adjusting to Changes in Farming. 1959. 5 p.

A brief summary, based on extensive study, indicating changes in agriculture that are occurring, implications for agricultural education, means of studying change in an agricultural community, and suggesting references.

A Summary Report of Replanning Agricultural Education in the Public Schools. 1960. 8 p.

Report of a conference for East Central Illinois, held at the University of Illinois on March 22, 1960.

Myers, Harold E., The Relative Effectiveness of the Vocational Agriculture Program as Preparation for Academic Achievement in College. 1960. 6 p.

A summary of studies of college achievement of former students in vocational agriculture by the Dean of the College of Agriculture, University of Arizona.

Krebs, Alfred H., Future Plans of Vocational Agriculture Seniors in Illinois High Schools, Classes of 1959. 1959. 11 p.

A report of the third study in a series dealing with the college plans and first jobs of vocational agriculture students. Shows changes from findings of earlier studies.

Sources of Information about Agricultural Occupations. An Annotated Bibliography. 1960. 9 p.

Intended for use by students, teachers, and counselors.

Phipps, Lloyd J. (Compiler). Agricultural Education in the Public Schools and the Future. 1959. 30 p.

Quotations regarding current issues in education with special relevance to vocational and agricultural education. Useful in dealing with boards of education, administrators, and teachers of subjects other than agriculture and for fortifying the faith of teachers of agriculture in their own field.

Some Suggested Course Materials for Non-Vocational Agriculture. 1958. 46 p.

Developed by teachers of general and non-vocational agriculture in a workshop conducted by George P. Deyoe.

Phipps, Lloyd J., A Comprehensive Agricultural Education Program for Young Farmers. 1959. 37 p.

Report of highly successful pilot programs in five schools, conducted over a four-year period, detailing the practices which made these programs succeed.

Tom, Frederick K. T. "College Successes of Former Students of Vocational Agriculture" Reprint from Agricultural Education Magazine, February, 1960. 4 p.

Summary of 32 studies involving 17,800 students in 20 states.

Course Outline in Money Management for Young and Adult Farmers. 1960. 18 p.

Suggestions developed by four Illinois teachers of vocational agriculture (Virgil M. Foster, J. W. Guilinger, Donald Kerr, and W. E. Martinie) during workshop on family finance conducted by Paul E. Hemp.

H. M. H.

General Publication on Citizens Committees Revised and Reissued. Teachers of vocational agriculture who wish to use the publication on advisory committees for agricultural education, included in the preceding list, would do well to familiarize themselves with another publication, Citizen Participation in Local Policy Making for Public Education, by H. M. Hamlin, which has been revised during the summer. Two thousand copies of the first edition have been distributed. The general publication helps in understanding the reasons for the suggestions made for the organization and management of advisory committees for agricultural education. It is useful with boards of education and administrators. The revised edition can be secured from the Office of Field Service, College of Education, 309 Gregory Hall, Urbana, Illinois.

H. M. H.

Conference on Replanning Agricultural Education at Southern Illinois University. Friday, October 21, is the date of a conference on replanning agricultural education, designed for members of boards of education, local and county school administrators, school counselors, and teachers of agriculture, which will be held in the Auditorium of the Agriculture Building at Southern Illinois University. Southern Illinois University and the University of Illinois are cooperating in conducting the conference, which is similar to a conference held at the University of Illinois on March 22, 1960. Invitations are to go to schools in the 31 counties most directly served by Southern Illinois University. Other replanning conferences are to be held during the fall at Western Illinois University and Northern Illinois University. The dates for these meetings have not yet been set.

H. M. H.

1959 Census of Agriculture - Preliminary. The Preliminary Reports of the 1959 census of Agriculture are available for the State of Illinois and for individual counties. These are issued as "Series AC59-1, Farms, Farm Characteristics, Farm Products", and include information on number of farms, acreage in farms and value, characteristics of farm operators, farms by size and economic class, farm facilities and equipment, livestock, crops, etc. This information is of value to teachers of vocational agriculture. They may be procured by writing to the Bureau of Census, Washington 25, D.C. The costs are 10 cents per copy for the state summary and for each individual count.

G. P. D.

Education E 370 Offered in Seven Centers. Teachers enrolled in Education 370, Agricultural Education for First-Year Teachers, have been assigned to seven subgroups which will meet at Chadwick, Bureau Township, Cullom, Mansfield, Meredosia, Newton, and Sesser. Forty teachers have already registered in Ed 370. Over 400 teachers have been enrolled in this course since its inception ten years ago. Four class meetings are held in each of the seven centers, and the instructor visits each enrollee twice during the year. Teachers who are in their first year of teaching in Illinois and teachers who are returning to vocational agriculture teaching from other fields are eligible. Interested persons should contact Paul Hemp, 103 Gregory Hall, Urbana, Illinois.

P. E. H.

Placement Report. As of September 10, there were no schools in Illinois seeking teachers of vocational agriculture. A few experienced teachers are still on the active placement list. Some schools were unable to secure qualified teachers.

From September 1, 1959, to September 1, 1960, there were 87 vocational agriculture positions filled in Illinois.

- 34 were inexperienced Illinois teachers
- 42 were experienced teachers
- 10 were teachers from out-of-state
- 19 were persons returning to teaching from other work

5 were returning servicemen
25 were teachers who were teaching in Illinois in 1959-60

A.

Source Units in Money Management. During a workshop in 1937, several source units were developed, by teachers of vocational agriculture, on various phases of finance and money management related to farming. One of each of these will be sent without charge, as long as the supply lasts, to teachers who request them. Teachers who write should specify the ones desired from the following list. Those available at the time will be sent.

1. Money Management for High School Boys Enrolled in Vocational Agriculture
2. The Use of Operating Agreements in the Establishment of a Farm Boy in Farming
3. Selecting and Buying Insurance by Farm People
4. Spending the Farm Family Income
5. Selecting and Using Credit by Farm People
6. Planning to Increase Farm and Farm Family Earnings
7. Transfer of Property by Farm People

G.



IAVAT NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

Wyoming vo-ag teachers have already paid their dues 100% for the coming year. How is Illinois doing, Joe?

Section 1 collected dues in August and went on record as being in favor of barring all schools from vo-ag contests in Section 1 unless the ag teacher from that school has his dues paid up by the time of the first contest - Land Judging - September 17.

The Ogle county ag teachers paid for a one-year subscription to the Agriculture Education magazine for their county superintendent, W. L. Pickering. What are the rest of you doing about it?

To generate more interest in the newsletter, we can use a few letters to the editor on any practical subject. Keep the blows above the belt.

In future issues, plans are underway to publish letters from administrators on the subject, "What I consider a good ag teacher and ag program for my high school." We can publish a few letters on what an agriculture teachers considers a good administrator from the rural standpoint. Sharpen your pencils and lets do some writing.

Would you sectional secretaries mail me a copy of your sectional meeting minutes Maybe I can garner some meat from them for the newsletter.

Keith McGuire

VO-AG SERVICE

Announcements & Notes

Agricultural Engineering 381. Plans have been made for offering Agricultural Engineering 381 -- Function, Application, Adjustment and management of Farm Machinery -- as an extramural course. On September 2 our office sent an announcement regarding this to vocational agriculture teachers within a radius of about 75 miles from the Louisville-Clay City area. The course will be taught by Wendell Bowers and B. J. Butler of the Agricultural Engineering Department.

The first meeting will be on Corn Pickers and Picker Shellers and will be in the Clay City vocational agriculture shop from 4:00 to 6:00 p. m. on Monday October 10. The times and locations for the remaining 7 meetings will be decided upon at the first class meeting. Plans for the course following the October 10 meeting will, of course, be partially dependent upon the number present for the first meeting.

M. H.

Agricultural Releases for 1960-61. The first (October) Agricultural Releases for the 1960-61 school year were sent from here on September 26. These were sent to all whose subscriptions were in our office by September 1. Between September 1 and September 16 we received 11 additional subscriptions. October Releases for those 11 and for up to 58 others who subscribe between now and October 24 will be sent with the November Releases. After the November Releases have been sent, we will continue to accept subscriptions up to the final deadline date of December 1, 1960 but those who subscribe between the time of sending the November Releases and December 1 will be sent only the Releases from December to May, inclusive. Of course, only the first 58 to subscribe after this date will receive copies of the October Releases since that will exhaust our supply of October Releases.

The October Releases were the largest we have ever sent for a given month. Some 70 or more different items were included. Among those were the beginning pages for a Communications Handbook that is being developed. Also included was a gauge for measuring shell corn loss in fields.

M. H.

Business Reply Cards and Envelopes (Vocational Agriculture Service). On numerous occasions, over the past several months, we have announced that we would let our permit on business reply cards and envelopes expire as of August 31, 1960. That date has now passed and if perchance you still have some left, we suggest that you discard them as we have done with those that we had remaining.

M. H.

Farm Machinery Materials - 1959. A few teachers have inquired as to the possibility of securing copies of some, or all, of the farm machinery materials prepared for use in connection with the sectional farm machinery courses held in 1959. Those, of course, were announced in the September 1959 AIDS.

After carefully considering the need, the problems involved and the status of work to be done, we have decided that it is not advisable to rerun copies at this time. If there is sufficient demand, and conditions permit perhaps copies can be made available later in the school year. Incidentally, please do not request copies at this time, as our supply is exhausted.

M H.

Farm Machinery Materials - 1960. The multilithed items on farm machinery that were prepared for use in connection with the one-day sectional courses held this summer, have been rerun and mailed to those whose orders have reached our office. Those items were referred to on page 4 of the August (1960) AIDS and were listed on the tear sheet that was included in that issue.

When we rerun copies needed to fill orders we ran about 2000 extra copies of each item. We do not intend to again rerun the material this year, but will fill orders so long as our current supply will permit. If you wish to order copies, you may find it convenient to use the tear sheet from the August AIDS.

M H.

F. F. A. Roadside Signs - Reconditioning and New. If you have a set of F F A roadside signs that need reconditioning or if you wish to secure a set during the 1960-61 school year, please remember the October 15 deadline as given in the item on page 5 of the September (1960) AIDS. The tear sheet included in that issue will perhaps be of convenience if you are interested in securing a new set or having your present set reconditioned.

M H.

Problem and Key for Illinois Farm Record Book. A new (1960) problem and key are now available for use in connection with the Illinois Farm Record Book. Those ordering copies from now on will automatically be sent the new copies unless you specifically request copies of the 1958 problem and key. A copy of the new problem was included with the October Agricultural Releases.

Prices for copies of the 1960 problem and key are the same as those for the 1958 copies, namely twenty-five cents per copy for the problem for orders of 1 - 4 copies or ten cents per copy for 5 or more copies. Copies of the key are fifty cents each. All prices are f o b Urbana. For your convenience these items are included on the tear sheet.

M H.

Soil Demonstration Kits 1, 2, 3, and 4. We no longer have any of the demonstration kits for distribution. A survey has been made among those who purchased kits during last school year. Of 33 who replied, to date, only 8 reported using the kits extensively enough to report on the survey. In view of that fact, we shall defer further plans regarding this activity until we can secure more definite help from users as to changes that should be made.

M H.

Bulletins and Circulars from the College of Agriculture. Since the last announcement of this type appeared in the AIDS, our office has received copies of 15 new publications. Copies of seven of those were included with the October Releases. Those were

Bulletin 654	Design of Nailed and Glued Plywood Gussets for Lumber Rigid Frames
Circular 818	Farm Tenancy Laws in Illinois
Circular 819	Strawberry Growing in Illinois
Circular 820	Handling Hog Manure as a Liquid
Circular 821	Pest Control in Commercial Fruit Plantings
Circular 822	Getting Started and Established in Farming with and without Family Help
Circular 823	Installment Land Contracts for Farmland

Because of the nature of the publications, their probable limited use in vocational agriculture the number of copies printed or for other reasons copies of the other eight publications were not included with Releases. Those eight are

Bulletin 655	The White-Rust Disease of Horseradish
Bulletin 656	Artificial Drying of Sweet Corn Seed
Bulletin 658	Cornstalk Rots in Illinois
Bulletin 659	Grain and Forage Sorghums - 1959 Performance in Illinois
Bulletin 660	The Zimmerman Pine Moth - An eight year study of its natural history in Illinois coniferous plantations.
Bulletin 661	Space and Design Requirements for Wheelchair Kitchens
Bulletin 662	Index to Performance Records of Illinois Experimental Double-Cross Corn Hybrids - Tested During 1946-1959
Circular 817	Plant Breeding as a Hobby

If you are not familiar with the procedure to follow for securing copies of Bulletins and Circulars we suggest that you refer to the item on pages 9 and 10 of the August AIDS.

Safe Practices in the Vocational Agriculture Shop; Student Tests on Shop Safety. These items are not new but are reruns. We have just completed rerunning some 3000 copies and since those who have the tests and have students sign statements relating thereto need new copies for their new students are not only reannouncing this material but for the convenience of any wishing to order copies are including both items on the tear sheet that accompanies this issue of the AIDS.

Trees for Forest Planting. We have received the following notice from W. F. Bulkley, Forest Department, stating a change in the date for ordering trees from the State Division of Forestry. The nurseries will delay prospective purchasers to November 15, 1960. The previous date for accepting application forms was September 1. Application forms will be mailed out early in November. A copy of the application and price list will be sent as soon as they are received.

No planting stock will be sold for fall delivery this year from state-operated nurseries.

Units for 1960-61 - Advanced Orders for. All advanced orders for units, that were received in our office prior to September 7, were filled on or before September 8. Shipments on most of the orders were sent between August 24 and August 26.

Single copies of each of the 15 units to be released during the 1960-61 school year will be included with the October Agricultural Releases. Please remember that this year the final deadline for placing an advance order for units is December 1. On an advanced order basis, it is necessary that one order a minimum of 10 sets of the units, (a set is composed of a single copy of each of the 15 units) and that the order be for the same number of copies of each and every one of the 15 units. On that basis, sets are \$1.00 each which is at least 25% less than when purchased at the prices quoted elsewhere in this issue.

M. H.

Units, New -- prices on Prices on the 15 units issued this year are as follows.

Unit No.	Title	prepaid price	f. o. b. price
		1-4 copies	5 or more copies
1024	Beef Cattle Breeds	.24	.12
1025	The Cow's Udder and How It Functions	.24	.12
1026	Digestion in Animals	.16	.08
1027	Feeding Lambs	.16	.08
1028	Managing the Dry Dairy Cow	.08	.04
2020	The Rural Community and Its Development	.16	.08
2021	What Factors Affect Prices of Farm Products	.24	.12
2022	Taxation and the Farmer	.24	.12
2023	Marketing Dairy Products	.16	.08
2024	The Use of Credit to Increase Farm Earnings	.16	.08
2025	Credit Needs on the Farm	.24	.12
4036	Contouring	.16	.08
4037	Controlling Giant Foxtail	.08	.04
4038	Terracing	.32	.16
4039	Planting Corn	.16	.08

If interested in ordering a minimum of 10 complete sets at a 25% reduction in price, see item in this issue entitled, Units for 1960-61 Advanced Orders for. The tear sheet with this issue is for the convenience of those wishing to order copies.

M. H.

Motion Picture. "Agricultural Engineering, The Profession with a Future". This 14-minute color motion picture was made to help inform young people of the opportunities in Agricultural Engineering careers. By reviewing this film your students can plan courses of study preparatory to college training.

This film could be used as a supplement to Career Day programs or as a program for an F. F. A. meeting. Later this fall you will receive a list of practicing Agricultural Engineers located throughout Illinois who can be contacted to speak to your students. The best assurance of receiving this film when you desire it would be to schedule it immediately from Visual Aids Service, 605-1/2 East Green, Champaign, Illinois

R F E

Short Courses in Farm Management and Records Five sections have requested these courses. The following dates and places have been established:

Section	Place	Date and Time	Specific Topic(s)
6	Genoa	Oct 4, 4:00 p. m.	Planning your farm business Using the Ill. Farm Record Book
13	Camp Point	Oct. 19, 7.00 p. m	Planning your farm business
2	Dixon	Nov 30	(still to be decided)

<u>Section</u>	<u>Place</u>	<u>Date and Time</u>	<u>Specific Topic(s)</u>
10	Crescent City	Dec. 1, 4:00 p. m.	Planning your farm business
22	Red Bud	Dec. 10, 9:00 a. m.	Planning your farm business Filling in Income Tax Forms from the Farm Record Problem

J. H. H.

NEW BOOKS

We are glad to have the opportunity to announce two new publications. Copies of these are available for review in our office by those who are interested therein. Further, as long as the editions are current and our information is kept up to date on them, the books will be included in exhibits we make such as the one in connection with the Annual Conference of vocational agriculture teachers.

EDUCATORS GUIDE TO FREE FILMSTRIPS. 12th Annual Edition, 1960. \$6.00. Educators Progress Service, Randolph, Wisconsin.

We apologize to our teachers and to the publishers for failing to announce this publication in the September AIDS. Actually, the copy was received the latter part of July, but too late to be included in the August issue. Through an oversight, it was omitted from the September issue.

The following information is from the guide or from information that accompanied it.

"This service is devoted entirely to free filmstrips and free slides. It is a complete, annotated schedule of free filmstrips -- bringing you the compiled information on FREE filmstrips for your immediate use, all at your fingertips, within the covers of a single book. . . This TWELFTH annual edition lists 624 titles, including 38 sets of slides. In 1946, only 82 free filmstrips were available. Since that time, the quality as well as the number of free filmstrips has made most significant gains. . . Of the 624 titles, 69 were not listed in the eleventh edition. All new titles are starred (*). All told more than 40,000 separate frames or pictures, or miniature posters, from 96 different sources are brought to you. 37 of the filmstrips listed in this Guide may be retained permanently by the borrower, to start his filmstrip library, or to add to his present library."

BEEF - PRODUCTION AND DISTRIBUTION. 1960 \$5.00 Herrell DeGraff University of Oklahoma Press, Norman, Oklahoma.

The following information is inside flap of the paper cover and from the first section of the book:

"This book, utilizing the full statistical and other fact-finding resources of the U.S. Department of Agriculture, the American National Cattlemen's Association, and other public and private agencies, crystallizes the changes in the patterns of marketing, processing, and merchandising of beef that have occurred over the past decade. Its objective analysis of past and probable future fluctuations in the troublesome and ever present cattle cycle, with an accompanying evaluation of price stabilization proposals, will be invaluable to the producer in making quicker, and therefore smaller, adjustments.

"Beef-marketing indeed has changed. Cattlemen participate in an economy that becomes ever more complex. With live animals as their unit of sale, they are not turning out a product in either the form or the place that is desired by consumers. Marketing firms far removed from the ranch perform many intermediate services to convert cattle to beef and to make beef attractive and competitive in the consumer market. It is easy for the rancher to be suspicious

of another man who handles his product when he is far away, unseen, unknown, and little understood. Yet the packer is the rancher's packer--the retailer is the rancher's retailer. He needs them both and they need him. Moreover, there is no group on the beef team today that is unnecessary, that performs uneconomic services on a continuing basis, or that operates by any ground rules other than the basically good ones set by competition.

"Cattlemen have had the benefit of more competitive merchandising effort behind beef than is focused on any other food item in the market. This is a basic finding from these studies."

TO, Vocational Agriculture Service
434 Mumford Hall
Urbana, Illinois

Please send the following to the address indicated --

No.	Copies	Unit No.	Title	Prepaid*	f. o. b.*
				1 - 4	5 or more
		1024	Beef Cattle Breeds	.24	.12
		1025	The Cow's Udder and How It Functions	.24	.12
		1026	Digestion in Animals	.16	.08
		1027	Feeding Lambs	.16	.08
		1028	Managing the Dry Dairy Cow	.08	.04
		2020	The Rural Community and Its Development	.16	.08
		2021	What Factors Affect Prices of Farm Products	.24	.12
		2022	Taxation and the Farmer	.24	.12
		2023	Marketing Dairy Products	.16	.08
		2024	The Use of Credit to Increase Farm Earnings	.16	.08
		2025	Credit Needs on the Farm	.24	.12
		4036	Contouring	.16	.08
		4037	Controlling Giant Foxtail	.08	.04
		4038	Terracing	.32	.16
		4039	Planting Corn	.16	.08

*A 25% reduction from the price of 5 or more is available if you order before December 1 and if you order 10 or more sets, (a set consists of 1 unit of each of the 15 listed)

Set(s) of student tests on Safety in the Farm Shop @ .05 each

Multilith entitled "Safe Practices in the Vo-Ag Shop" @ .15 ea.

Copies of 1960 problem for use with the Ill. Farm Record Book
(1 - 4 copies .25 ea., 5 or more 10 ea)

Copies of key for above problem @ .50 ea.

Name _____ Address _____

INDEX TO ITEMS IN VO-AG SERVICE SECTION

	<u>Page</u>
Agricultural Engineering 381	6
Agricultural Releases for 1960-61	6
Bulletins and Circulars from the College of Agriculture	8
Business Reply Cards and Envelopes	6
Farm Machinery Materials (1959)	7
Farm Machinery Materials (1960)	7
F. F. A Roadside Signs - Reconditioning and New	7
Motion Picture. "Agricultural Engineering, the Profession with a Future".	9
New Books	10
Problem and Key for Illinois Farm Record Book	7
Safe Practices in the Vo-Ag Shop; Student Tests on Shop Safety.	8
Short Courses in Farm Management and Records	9 & 10
Soil Demonstration Kits 1, 2, 3, and 4	7
Trees for Forest Planting	8
Units for 1960-61 - Advanced Orders for	8 & 9
Units, new - prices on	9

PRICE LIST OF FEEDS^{1/}

September 20, 1960

The feed prices for many of the feedstuffs used in vocational agriculture projects are listed below. This list is meant to be used as the basis of values for all boys obtaining their feed at home. All feed actually purchased should, of course, be recorded at prices paid.

Kind of feed	Cost per bu., cwt., or tons in dollars
Corn, bu. ^{2/}	1.08
Corn, ground, bu.	1.18
Oats, bu. . . . .	.57
Oats, ground, bu. . . . .	.68
Barley (feed), bu. . . . .	.93
Barley, ground, bu.	1.03
Sorghum grain, cwt.	1.62
Sorghum grain, cracked, cwt.	1.72
Garbage and kitchen waste, ton.	8.50
Whole milk, cwt.	3.00
Corn silage, ton.	12.00
Sorghum silage, ton.	11.00
Grass silage, ton	
No preservative added	8.00
Preserved with 70-100 lb. molasses	9.00
Preserved with 150-200 lb. ground corn	12.00
Clover and mixed hay)	20.00
Cowpea hay)Add \$5 per ton	18.00
Soybean hay)for baled hay.	18.00
Alfalfa hay)and straw.	20.00
Timothy hay)	18.00
Corn stover, ton.	11.00
Oat straw, ton.	16.00

^{1/} Prepared by W. W. Albert, Dept. of Animal Science, University of Illinois, Urbana, Illinois

^{2/} High-moisture corn to be discounted at the rate of 1¢ for each 1/2% moisture above 15.5%.

Pasture Rates*

- Calves and colts, 6 to 12 months old, 6 cents/head/day
- Calves and colts, 12 to 24 months old, 9 cents/head/day
- Cattle, 24 months and older, 12 cents/head/day
- Pigs, 50 to 100 pounds 1/4 cent/head/day
- Lambs up to weaning, 1 cent/head/day
- Sheep or lambs after weaning 2-1/2 cents/head/day

*Cattle full-fed grain on pasture, reduce pasture rates 2/3, and cattle limited-fed grain on pasture, reduce pasture rates 1/3.

VOCATIONAL AGRICULTURE SERVICE

University of Illinois · College of Agriculture

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VO-AG AIDS

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November, 1960

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University of Illinois
in Cooperation with
Illinois State Board of Vocational Education



AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

Highlights from the Annual Report of the Division of Agricultural Education. The annual report of the Division includes information about the state situation in public school education in agriculture as well as information about the status of the Division which should be common knowledge among teachers of vocational agriculture. Some of the data believed to be of most interest to teachers have been selected from an 18-page report. The full report is available on request. The report is for the period from September 1, 1959 to August 31, 1960.

1. The state situation

Departments of vocational agriculture in Illinois schools, 1959-60	477
Teachers of vocational agriculture in these schools	496
Number of two-teacher departments	19
Estimated number of Illinois Schools teaching courses in general or nonvocational agriculture	15 - 20
Average enrollment per department in high school classes in vocational agriculture	32
Average enrollment of adults per department	25
Average total enrollment per department	57
Percentage of Illinois schools with departments of vocational agriculture that taught adults, 1959-60	75
Average salary of Illinois teachers of vocational agriculture, 1959-60	\$5,995
Range in salaries of Illinois teachers of vocational agriculture, 1959-60	\$3,600 to \$10,400
Illinois teachers of vocational agriculture in 1959-60:	
With bachelor's degree only	35
Without advanced degree but with credit toward the master's degree	210
With master's degree	185
With master's degree and credit beyond the master's degree	66

New teachers of vocational agriculture required in Illinois, 1959-60, who were not teaching vocational agriculture in the state in 1958-59	61
Percentage of Illinois teachers of vocational agriculture who left the teaching of vocational agriculture in the state during or at the end of the school year, 1959-60	12
Number of inexperienced teachers of vocational agriculture placed, 1959-60	34
Number of experienced teachers who entered or returned to the teaching of vocational agriculture in Illinois, 1959-60	27
Number of persons entering the teaching of vocational agriculture in Illinois, 1959-60 who had been engaged in work other than teaching (excluding military service)	19
Average years of experience in teaching vocational agriculture in Illinois of Illinois teachers of vocational agriculture, 1959-60	12

2. University situation

Number of teachers of vocational agriculture qualified at the University of Illinois, 1959-60	23
Number of teachers newly qualified at the University of Illinois who were placed in Illinois schools as teachers of vocational agriculture	17
Percentage of graduates of the College of Agriculture, 1959-60 who qualified for teaching vocational agriculture	13
Percentage of top-ranking students (4.0 average or higher), College of Agriculture, 1959-60, who qualified for teaching	24
Percentage of Illinois teachers of vocational agriculture, 1959-60 enrolled in graduate courses taught by staff of Division of Agricultural Education	19
Graduate students in summer school, 1960, with major interest in Agricultural education	63
Graduate degrees awarded, 1959-60 to persons with major interest in agricultural education	12
Enrollments by classes in curriculum in general agriculture with major in vocational agriculture, first semester, 1960-61:	

Freshmen	19
Sophomores	11
Juniors	19
Seniors	<u>26</u>

Total	75
-------	----

3. Interpretive comments

It is clear that an insufficient number are qualifying for the teaching of vocational agriculture in Illinois. Nearly half of the vacancies in positions in vocational agriculture in 1959-60 were filled by persons who had been engaged in work other than teaching or in teaching in other states. Some of the experienced teachers

recruited in 1959-60 were assets to the program; some were not. It is interesting that 19 persons who had been engaged in work other than teaching returned to teaching normally about 10 return each year from other work.

Although the number of students preparing at the University of Illinois to become teachers of vocational agriculture is only about half the number preparing a few years ago, the quality of these students has been maintained. There is no inclination to meet the deficit by lowering standards. Probably no state has a higher percentage of teachers who have been enrolled for graduate study or who have completed 8 or more units of graduate work. It is hard to account for the 35 teachers who still lack any graduate credits, considering the accessibility of graduate classes in the state.

There are in the state a large number of teachers with 20 or more years of experience who completed the requirements for the master's degree many years ago and who have not continued systematically to improve themselves professionally. What special arrangements are needed for these teachers?

Replanning Conferences. The second of the conferences on replanning agricultural education in the public schools was held at Southern Illinois University on October 21. The third of these conferences will be held at Western Illinois University on November 4. A date for the conference at Northern Illinois University has not yet been set.

H. M. H.

Placement Report. There are no schools seeking teachers of vocational agriculture at the present time.

Two requests for assistance in securing substitute teachers have been received recently.

A. H. K.

Student-teachers to Kansas City. Twelve student-teachers from the University of Illinois attended the National Conference of Student-Teachers and the National FFA Convention in Kansas City. The twelve students and their home towns are:

John Boyer, Marshall; Robert Cicigoi, Sandoval; Robert Dorch, Colusa; Glenn Hayes, Crossville, Donald Hobbs, Golconda; Ronald Hougas, Sheridan; Porter Martin, Watseka; Richard Petrowich, Ramsey; Burton Swanson, Princeton; Brian Telander, Princeville; Leon Turner, Anna; and Thomas Wiles, Pawnee

In addition to attending feature portions of the National FFA Convention, these young men interviewed American Farmer Degree recipients and National Public Speaking Contest participants as a part of the Student-Teacher Conference. Other features of the National Student-Teacher Conference were talks by Dean Louis Thompson of Iowa State University; B. Oscar Brown, an experienced teacher of vocational agriculture from Missouri; Roland Peterson, a first-year teacher of vocational agriculture from Nebraska; and Lawrence Phelps, a Superintendent of Schools in Missouri.

A. H. K.

Source Units in Money Management. In the October issue, an item was included about the availability of Source Units in Money Management. These units were prepared in 1957, not in the year indicated in the prior announcement. A few of these are still available. Requests for single sets may be made to the Division of Agricultural Education, 103 Gregory Hall, Urbana. If more convenient, requests may be made to the Vocational Agriculture Service as a part of some other order. There is no charge for these units.

G. P. D.

Education E477 at Lincoln and Bowen. The extramural course, Education E477, Field Studies in Agricultural Education, is taught during the first semester at two centers with a total of 17 teachers of vocational agriculture enrolled. One group meets at Lincoln on Wednesdays and one group at Bowen on Thursdays. Eight meetings are scheduled at each center. The following persons are enrolled:

Eldon Aupperle, Warren High School (Monmouth)	Emerson Moore, Mackinaw
Neal Coyle, Ashland	Don Simer, Beason
Marvin Damron, Hamilton	Eldon Sparrow, Bowen
Lawrence Duewer, Astoria	John Sweeney, Williamsville
Victor Funk, Kinderhook	Vern Trucano, Augusta
John Garrison, Bardolph	Lee West, Delavan
Bernard Goetze, Bluffs	Loren Wickert, Meredosia
Lowell Hillen, Colchester	Don Youngkin, Lincoln
Caroll Johnson, Payson	

During the first part of the course, attention is focused on recent trends in farming and in education and their implications for local programs of agricultural education. Special problems of the persons enrolled are considered throughout the course. During the fall, visits are made to the schools of the teachers enrolled.

G. P. D.

Seneca Club Calf Sale - Saturday November 19, 1960

Sixty fancy steer calves will be sold at Seneca's Club Calf Sale on Saturday afternoon, November 19, 1960, at the FFA Salebarn in Seneca, Illinois. Thirty beef herds from Northern Illinois, will be represented with their best sale consignments of Shorthorn, Angus and Hereford Steers of critical buyers from leading 4-H clubs and FFA chapters in Illinois and Indiana.

To insure a "cattle classic" and a quality offering, only the top 1960 steer calves are individually selected from each herd. All calves are "Illinois bred" and many are qualified for "Land O' Lincoln" classes at the Illinois State Fair for 1961.

This cooperative sale is sponsored by the Seneca FFA and Northern Illinois cattlemen, in an attempt to provide fancy Angus, Hereford and Shorthorn feeder calves from purebred herds, for FFA and 4-H members to feed out for 1961 shows. The sale committee members are, Eugene Seitz of Carus Farms, Peru; Joseph Watts of Ottawa, and Le Roy Wagner of Ottawa.

Sale attractions to be sold include half brothers to the Grand Champion Steer at the 1960 LaSalle County Junior Show at Ottawa; also to the Grand Champion Female over all breeds, at the 1959 Grundy County 4-H Fair at Mazon; to the Champion Angus steer in 1959 at Ottawa; to the Reserve Champion Hereford at Mazon in 1960.

Most of the calves will weigh from 450 to 550 pounds. Many will be broke to lead and tie and will be started on grain feed.

All calves will be ready for inspection in the FFA Salebarn on the South edge of Seneca, Illinois, after 10:00 a. m., CST., Saturday, November 19, 1960. The sale will start promptly at 1:00 p. m., CST.

Sherwood Jackson, Sale Mgr.
Seneca, Illinois

BOARD OF VOCATIONAL EDUCATION
405 Centennial Building
Springfield, Illinois

Vocational Agriculture Dates and Activities to Remember

The following is a partial listing of the national, state, district, and area events which may be of interest to instructors of vocational agriculture:

November 1	Chapter Program of work to Sectional Vice President
*November 1	Communications Workshop for FFA Chapter and Sectional Reporters - District I - Princeton
*November 2	Communications workshop for FFA Chapter and Sectional Reporters - District II - DeKalb
*November 4	Communications workshop for FFA Chapter and Sectional Reporters - District IV - Urbana
*November 4	Conference on Replanning Agricultural Education in the Public Schools - Western Illinois University - Macomb
December 3 - 9	NVATA and AVA Convention - Los Angeles, California
December 28 - 30	Farm Bureau - FFA Conference - Chicago
January 3, 1961	Instruction begins - Second quarter - SIU - Carbondale
January 26	Application for Section FFA Foundation Award must be reported by January 26, if plaques are to be available for distribution by February 15
February	Annual Good Will Tour - State FFA officers
February 1	Annual Project Summary Report to State office, Springfield
February 6 - 8	Graduate registration for second semester - University of Illinois - Urbana
February 9	Instruction begins second semester - University of Illinois - Urbana
February 15	District FFA Foundation Awards
February 19 - 25	National FFA Week
March 2 - 4	IVA Meeting - Park Plaza Hotel - St. Louis, Missouri
March 27	Instruction begins - Third quarter - SIU - Carbondale
April 15	State Farmer Application to State office - Springfield
April 15	American Farmer Application to State Office - Springfield
April 19	District Public Speaking Contests
May 1	Completed FFA Program of Work to Sectional Vice President
May 13	State FFA Foundation Award Meeting - Urbana
June 1	Annual FFA Report to State office - Springfield
June 6 - 8	State FFA Convention - Springfield
June 13 - 15	IAVAT Annual Conference - Urbana
June 19 - July 14	Four weeks summer term - University of Illinois - Urbana
June 19 - July 14	Four weeks summer term - SIU - Carbondale
June 22	State Judging Contest - Urbana

*New dates since last issue of Calendar



IAVAT NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

The following is being run to let ag men know what their schools want and also to encourage some who may not realize their efforts are being observed.

K. E. M.

What I expect in my vo-ag teacher - by high school administrator

In a rural community, the vo-ag man should be the key instructor on the faculty. His direct work and advice on farming methods and projects, and the resulting close contacts with rural parents are invaluable in translating the "ivy halls", into a vital and living community force.

I am not overlooking his first and foremost function - classroom teaching. I expect him to be well qualified in all the broad phases of this diversified field of agriculture. Because of his strategic situation, I also expect him to be a potent ambassador of good public relations. Since the high school student is the opposite of the elementary pupil about encouraging parent visitation and because some parents feel inferior to secondary teachers regarding subject matter, the parent-teacher relations are not normally as good as in the lower grades. The vo-ag teacher occupies a unique vantage point. He proceeds to a farm in a natural manner. He is expected to come. The farmer speaks his language and has a lot of practical knowledge in this teacher's field. (In math, science, foreign language, English - many parents do not feel on a par with the teachers) I expect my teacher to encourage a friendly attitude, to let the farmer know the school respects his knowledge and ability, and also to let him know that we, the school, have much to help him and his son; to raise all of agriculture and farm life to a higher plane of living.

It seems to me the ag teacher should get a new idea once in a while and promote it among the farmers. I expect him to know what is going on in the community and to know the attitudes of the farmers on pertinent questions.

The vo-ag teacher should expect as part of his job, to share with the other teachers in study hall assignments, help at athletic games, noon hour duty, etc. His conduct of the class should be all business. On field trips, the school is being judged by the conduct of the class and teacher, discipline and the educational value of the trip is judged by the public. If it is off base, the administrator hears about it.

An ag teacher should dress neat, as well as any teacher on the faculty. White shirts may be out of place on visits on the farm, so are long whiskers. I have never heard critical remarks about teachers who do not drink nor smoke but many criticize those who do.

It may be difficult to be an expert in teaching high school boys and their Dads and other adult farmers too. Many teachers do an excellent job in both. I highly endorse this dual role. Some think anyone can teach "kids", but it takes men of stature to teach adults and attain the respect of the adults. As I have watched the vo-ag program in Illinois, for the past 30 years, I wish to offer encouragement to the entire group of fine vo-ag teachers in the state. You have a big job that is being well done.

INTRODUCING YOUR EXECUTIVE COMMITTEE

Harold Drake - Past President --

Harold was born on a farm near Belleville on March 3, 1919. He quit high school after two years and farmed with his father. He then returned and finished high school. He attended S.I.U. for two years. After this, he enlisted in the Army Medical Corp where he served in the European African theatre and as acting transport surgeon on Liberty and troop ships.

After returning from service, he worked in a foundry, and worked as an x-ray technician. He graduated from the University of Illinois in 1948 and later received his Masters degree.

In 1945, he married a college friend, Miss Verna Degemer. They now have four daughters, aged 13, 11, 8 and 5 years of age.

Harold is a member of the Evangelical and Reformed church. He has been a leader in youth groups and the consistory. He is a member of the Farm Bureau, the Cheviot Association, the Suffolk association, President of the county I. E. A. teachers organization, and formed a three county Suffolk association.

For hobbies, he grows house plants, collects sleighbells, raises sheep, miniature Dashshunds, and hopes to be in the saddle horse business some day.

His philosophy on the job of the ag teacher is as follows: "I think the ag teacher should spend a full week teaching ag. All people in the community are his pupils. Don't try to make money on your pupils, you are hired by the community. Be active in the community. Be professional, give some time to your profession, get in or get out!"

He considers as his most notable achievements, his election as President of the IAVAT, the election of 26 State Farmers and 5 American Farmers, (he was a State Farmer in high school himself); he and his boys built a 40 x 100' ag building his first year at Waterloo; his chapter had a boy who won the first National Soil and Water management award; he is very proud of the gavel presented by the IAVAT, and proud of some former students who are clergymen, a veterinarian, and some with doctors degrees. His student range has run from 34 to 73.

Dues. Dues paid as of September 16, 1960 according to our Treasurer, Joe Berger:

Section 1 - 20; Section 3 - 22; Section 6 - 22; Section 8 - 13; Section 11 - 15;
Section 13 - 17; Section 15 - 22; Section 20 - 19; Staff - 18. Total - 168.

VO-AG SERVICE

Announcements & Notes

Agricultural Releases for 1960-61. Part of this announcement applies to present subscribers and part to those wishing to subscribe before December 1, 1960. After the November Releases have been sent, we will continue to accept subscriptions up to the final deadline date of December 1. The first 58 subscribing between September 1 and the time of sending the November Releases will be sent both the October and November Releases. Those subscribing after that time will be sent only Releases from December to May, inclusive.

This note is to our current subscribers--if you wish to save inconvenience to yourself as well as to others, please read the information pages that accompany each set of Releases before ordering items. For example, the following notice accompanied the October Releases regarding "Hog Marketing in the North Central States":

You will note that this publication was printed by Wisconsin. Illinois does have a limited number of copies remaining and will fill requests for one or two copies so long as the supply permits. Out-of-state subscribers in this region should try to secure copies through their own agriculture college.

In spite of the notice, many teachers sent requests for 10 or more copies. Sorry, but they are just not available and your writing can only cause inconvenience to you and others concerned. We honestly try to state the facts regarding items referred to and requests for those not available can only result in inconvenience to you and others.

M. H.

Surveying Courses. Vocational Agriculture Service surveying kits are to be made available to teachers in the odd-numbered sections for the 1961-62 school year. In preparation for that work, Mr. Espenschied of our office is willing to put on one-day courses in the odd-numbered sections during the months of March, April and May. Of course, such courses will also be offered later in the year. Teachers in odd-numbered sections interested in such a course during the three month period should contact our office.

This probably will be the last time that one-day courses on surveying will be offered strictly on a sectional basis. We assume that in the future, the number of teachers in any one section desiring such a course, will be too small to justify offering it on a sectional basis. Consequently, after this series of courses in the odd-numbered sections, the work probably will be offered on an area rather than a section basis.

M. H.

Saw Filing Guides. Saw filing guides similar to those displayed at the June Conference were shipped prior to November 1 to all whose orders were on hand up to that time. Teachers concerned were also sent letters regarding the shipments. Sorry but we have no additional sets for distribution.

M. H.

Safe Practices in the Vo-Ag Shop--Error in Price of. A mistake was made in the price of the multilith "Safe Practices in the Vo-Ag Shop" as given on the tear sheet in the October AIDS. The price should have been 5 cents per copy instead of 15, as indicated. Of course, orders received were charged at the 5 cent price. The price of 5 cents, as given for the "Student Tests on Safety in the Vo-Ag Shop" was correct.

M. H.

Parliamentary Practice Ladder Charts. The sets of 10 charts similar to the set displayed at the June Conference have now been sent to all whose orders were placed during or following Conference week. So far as we know, all orders on hand have been filled and teachers concerned have also been sent a notification letter as well as the charts. We ran about 25 sets more than needed to fill orders on hand. So long as our supply permits, those will be available on a first-come first-serve basis at \$1.00 per set, f o. b. Urbana. Shipping charges to Illinois residents will vary from about 29 to 35 cents per set. For the convenience of those wishing to order, this item is included on the tear sheet accompanying this issue of the AIDS.

M. H.

Short Courses in Farm Management and Records. In addition to the courses listed in the October AIDS, plans are now underway for two additional courses:

<u>Section</u>	<u>Place</u>	<u>Date and Time</u>	<u>Specific Topics</u>
19	Taylorville	Dec. 7, 4:00 p. m.	Using the Illinois Farm Record Book Filling in Income Tax Forms from the Farm Record Problem
23	Flora	To be decided	Planning Your Farm Business

J. H. H.

Christmas Tree References. A list of approximately 75 publications dealing with growing, managing, and marketing of Christmas trees and the industry will be made available to teachers who request it from Vocational Agriculture Service. The list covers publications from state college and university stations, state forestry departments, federal extension services in the United States and Canada. Listed are circulars, bulletins, and mimeographs. No textbooks are included.

Teachers are advised to write the authors direct for copies and costs of publications listed.

M. H.

List of Power Use Representatives in charge of VAS Motor Kits. The "1960 Directory for Illinois Farm Electrification Council" lists the following individuals as being in charge of the motor kits in the various sections:

<u>Section</u>	<u>Name</u>	<u>Firm Represented</u>
1	Eugene Hahn	Central Illinois Electric and Gas Company Rockford
	L. R. Herbig	Public Service Company, Division of Commonwealth Edison, Freeport
	Frank Svoboda	Public Service Company, Division of Commonwealth Edison, Oregon
2	W. E. Gould	Public Service Company, Division of Commonwealth Edison, Morrison
	R. A. Leamon	Public Service Company, Division of Commonwealth Edison, Dixon
3	Robert J. Brodell	Iowa-Illinois Gas and Electric Company Rock Island
	Fred Darr	Illinois Valley Electric Cooperative, Inc., Princeton
4	Donald H. Parke	Illinois Power Company Galesburg
5	C. W. Cox	Central Illinois Light Company Peoria
	John G. Ewan	Central Illinois Light Company Lacon
6	Harlan Baker	Public Service Company, Division of Commonwealth Edison, Northbrook
	A. C. Petit	Public Service Company, Division of Commonwealth Edison, Belvidere
7	O. A. Baur	Public Service Company, Division of Commonwealth Edison, DeKalb
	Al Draegert	Public Service Company, Division of Commonwealth Edison, Maywood
8	E. G. Galassi	Illinois Power Company 154 Marquette Street, LaSalle
9	Joe Crosno	Corn Belt Electric Cooperative Bloomington
10	Ray Gault	Public Service Company, Division of Commonwealth Edison, Kankakee
	C. C. Benbow	Central Illinois Public Service Company, Watseka
11	Lester Aeilts	Western Illinois Electric Cooperative, Carthage
	Roy Kerr	Central Illinois Public Service Company Macomb
12	Lyle Phillips	Central Illinois Public Service Company Havana
	Leonard Fayhoe	Spoon River Electric Cooperative, Inc., Canton

<u>Section</u>	<u>Name</u>	<u>Firm Represented</u>
13	Roger Mohrman	Adams Electrical Cooperative Camp Point
	Ben Noble	Central Illinois Public Service Company Beardstown
14	Roy Goode	Rural Electric Convenience Cooperative Company Auburn
	Warren Messett	Central Illinois Public Service Company Petersburg
15	Harold Ellerman	Central Illinois Public Service Company Jerseyville
	Karl Logenbaugh	Illinois Rural Electric Company Winchester
16	Jack Ingham	Illinois Power Company Decatur
17	C. C. Shaw	Central Illinois Public Service Company Paxton
18	Don Hoover	Central Illinois Public Service Company Hoopeston
	T. E. Davis	Illinois Power Company Danville
19	L. W. Seaman	Shelbyville Electric Cooperative Shelbyville
20	R. Beasley	Coles-Moultrie Electric Cooperative Mattoon
	C. Mitchell	Norris Electric Cooperative Newton
21	Andy Bird	Tri-County Electric Cooperative, Inc., Mt. Vernon
22	R. Vander Pluym	Clinton County Electric Cooperative, Inc., Breese
	Wm. Cuthbertson	Illinois Power Company Belleville
23	Howard M. Bailey	Central Illinois Public Service Company, Inc., Olney
	Roy L. Morris	Wayne-White County Electric Cooperative Fairfield
24	V. Miltenberger	Southern Illinois Electric Cooperative Dongola
	O. M. Snider	Egyptian Electric Cooperative Assn., Steeleville
25	W. J. Hopkins	Central Illinois Public Service Company Harrisburg

Sheep Sale. The following information is from a letter sent to us by Mr. M. L. Boudreau of the Central Community Unit Schools, Clifton, Illinois:

"The Illinois Hampshire Sheep Association is putting on it's Land of Lincoln invitation show and sale of bred Hampshire ewes and open ewe lambs, at the Illinois State Fairgrounds on November 19th. The show will be at 9:00 a. m. and the sale at 1:00 p. m. At the present time, approximately sixty head of ewes are to sell. All sheep sold are guaranteed breeders, and should make very good foundation stock for FFA projects. The judge for the show will be Mr. Bennie Doane, University of Illinois Shepherd. Catalogs of the sale may be obtained from Col. Toby Schauble, Manteno, Illinois, Rt. 1. This has been a very good sale for FFA members to obtain breeding stock in the past."

M. H. & M. L. B.

Noxious Weed Control Helps. The following statements are taken from a letter which we received from James J. Jeffers, Weed Control Adviser, Illinois Department of Agriculture Emerson Building, Fairgrounds, Springfield, Illinois:

"Weeds cause more dollar loss to the farmers than all other plant and disease pest combined. We suggest that many vo-ag teachers in Illinois could spend more, profitable time in their class rooms on weeds and their identification, and control.

"Class and FFA projects might include collections of local weeds and weed seeds; exhibits in schools, store windows, and so forth. You will find much popular interest in weeds and weed collections. Exhibits might be classified as broad leafed weeds, grassy weeds, lawn weeds, perennial weeds, poisonous weeds, unusual weeds, primary noxious weeds, and secondary noxious weeds.

"The State Department of Agriculture plans a much expanded program of noxious weed control in the future. As a former vo-ag teacher, I realize the importance of educational work along this line. Please be advised that I will be available for a limited number of adult class meetings this fall and winter. Also, possibly some FFA meetings and daytime vo-ag classes on the subject of weed control in Illinois."

We suggest that teachers interested, write Mr. Jeffers direct rather than to our office.

M. H. & J. J. J.

Users of VAS Boxes of Electrical Wiring Supplies. In spite of the fact that our inventory list of items on the boxes of electrical wiring supplies, that accompanoes each and every box, states that "Missing or damaged items should be reported immediately after receiving the box unless you expect to be charged for such shortage or damage" some schools are following the procedure of failing to notify us of shortage or breakage until the box is returned. We are including this notice so that in the future you will know that we expect these reports on breakage or shortage when the boxes arrive at the school or that the school will be expected to pay for those if they are not reported upon receipt of the material

Obviously, we have no opportunity to collect for damages from the Express Company when reports of such damages are not given to us until the box is ready to be returned.

M. H

NEW BOOKS

We are glad to have the opportunity to announce new publications to our teachers. Copies of these are available for review in our office by those who are interested therein. Further, as long as the editions are current and our information is kept up to date, the books will be included in exhibits we make, such as the one in connection with the Annual Conference of Vocational Agriculture Teachers.

Principles of Plant Breeding. 1960. \$9.00. R. W. Allard. John Wiley & Sons, Inc., 440 Fourth Avenue, New York 16, New York.

The following information is taken from the preface:

"This book has been written primarily for undergraduate students of agriculture. It has been my experience that students of agriculture, whether or not they intend to pursue careers in plant breeding prefer instruction based on principles rather than on breeding procedures related to specific crops. At the same time, principles cannot be taught in a vacuum, as their importance and applicability may not be appreciated by those with little prior knowledge of breeding methods or problems. In preparing Principles of Plant Breeding, therefore, the goal was set to produce a textbook which, although placing principles foremost, would also provide specific examples in order to avoid abstractness. Since a textbook of plant breeding obviously cannot encompass all of agriculture, it was necessary to assume the general acquaintance of the reader with agricultural practices and problems.

"To achieve this goal required that the organization of Principles of Plant Breeding should depart from tradition in two respects. First, it was assumed that the student possessed a background in genetics equivalent to that obtained from a course of instruction based on one of the standard textbooks in that field. The elementary facts and principles of genetics are therefore not considered. . . The second departure required that lesser emphasis be placed on the breeding of specific crops."

Forest and Shade Tree Entomology. 1960. \$8.50. Roger F. Anderson. John Wiley & Sons., Inc., 440 Fourth Avenue, New York 16, New York.

The following was taken from the preface:

"This book is both a textbook and a manual of forest, shade tree, and wood products entomology that is designed to help forestry and entomology students obtain an understanding of forest and tree insect problems and the methods used to prevent damage in forests, trees, and wood products.

"In the first section of the book I have dealt with basic facts about insects and insect life. These general aspects include structure, physiology, development, classification, and ecology. After this introduction I have discussed the more specialized subjects of forest insect surveys and control methods.

"The second and larger section of the book treats individually the more important forest, shade tree, and wood products insect pest species. Identification aids consist of descriptions, figures, and tables that stress characteristics observable in the field. These include types of tree injury together with the characteristics of the tree-infesting stages."

Educators Guide to Free Science Materials. First Edition. 1960. \$6.25.
Educators Progress Service, Randolph, Wisconsin.

The following information is taken from the Publisher's Foreword:

"This is the FIRST edition of the Guide to Free Science Materials. It marks the initiation of a new service devoted exclusively to free science materials. . . This science guide is designed to identify existing free science materials which are currently available. It is our belief, a belief that is shared by other members of the Business-Industry Section of NSTA as expressed by them at the Kansas City 1960 Convention, that EPS, a charter member of the B-I Section can make a definite contribution to the proposed project by providing a continuing means of identifying existing materials that are currently available. As with its many other guides and indexes to free materials of various types and kinds, Educators Progress Service plans to revise this Guide to Free Science Materials annually, each new edition to be available early in each school year.

"This FIRST edition lists, classifies and provides complete information on titles, sources, availability and contents of 733 films, 111 free filmstrips, and 216 other free supplementary materials - bulletins, pamphlets, exhibits, charts, posters and books - a total of 1,060 selected free items. Additionally, it gives information on the nature, purposes and use of these materials not to be found in any other single source."

TO: Vocational Agriculture Service
434 Mumford Hall
Urbana, Illinois

_____ Sets of Parliamentary Practice Ladder Charts @ \$1.00 per set

Teacher

School

AIDS, November 1960

INDEX TO ITEMS IN VO-AG SERVICE SECTION

	<u>Page</u>
Agricultural Releases for 1960-61	7
Christmas Tree References	8
Feed Prices	Inside back cover
List of Power Use Representatives in charge of VAS Motor Kits	9 - 10
New Books	12 - 13
Noxious Weed Control Helps	11
Safe Practices in the Vo-Ag Shop--Error in price	8
Saw Filing Guides	8
Sheep Sale.	11
Short Courses in Farm Management and Records.	8
Surveying Courses	7
Users of VAS Boxes of Electrical Wiring Supplies	11

PRICE LIST OF FEEDS^{1/}

October 20, 1960

The feed prices for many of the feedstuffs used in vocational agriculture projects are listed below. This list is meant to be used as the basis of values for all boys obtaining their feed at home. All feed actually purchased should, of course, be recorded at prices paid.

Kind of feed	Cost per bu., cwt., or tons in dollars
Corn, bu. ^{2/} . . . . .	.94
Corn, ground, bu	1.04
Oats, bu . . . . .	.52
Oats, ground, bu . . . . .	.62
Barley (feed), bu . . . . .	.92
Barley, ground, bu	1.02
Sorghum grain, cwt	1.61
Sorghum grain, cracked, cwt	1.71
Garbage and kitchen waste, ton	8.50
Whole milk, cwt	3.00
Corn silage, ton	12.00
Sorghum silage, ton	11.00
Grass silage, ton	
No preservative added	8.00
Preserved with 70-100 lb. molasses	9.00
Preserved with 150-200 lb. ground corn	12.00
Clover and mixed hay)	20.00
Cowpea hay)Add \$5 per ton.	18.00
Soybean hay)for baled hay	18.00
Alfalfa hay)and straw	20.00
Timothy hay)	18.00
Corn stover, ton	11.00
Oat straw, ton	16.00

^{1/} Prepared by W. W. Albert, Dept. of Animal Science, University of Illinois, Urbana, Illinois

^{2/} High-moisture corn to be discounted at the rate of 1¢ for each 1/2% moisture above 15.5%.

VOCATIONAL AGRICULTURE SERVICE

University of Illinois · College of Agriculture

434 MUMFORD HALL · URBANA, ILLINOIS

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VO-AG AIDS

Volume 19, Number 5

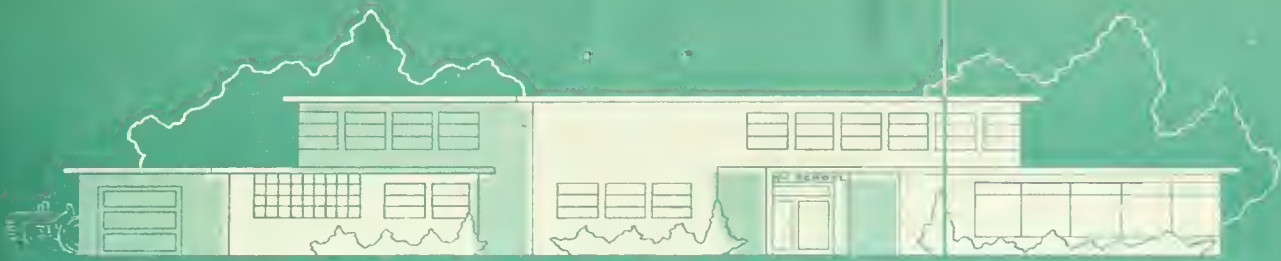
December, 1960

Issued jointly by
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Illinois State Board of Vocational Education

ATTENDANCE
GUIDANCE AND COUNSELING MEETINGS
IN
AGRICULTURAL EDUCATION

September - October, 1960

Sect.	Schools in Sect.	Schools Represented	County Supts.	School Adm.	Coun- selors	Ag. Tchrs.	Quests	Total
1	20	19	1	22	11	21	6	61
2	19	16	1	20	15	18	5	59
3	21	21	2	27	10	21	9	69
4	15	13	2	11	4	12	3	32
5	23	22	2	19	4	22	7	54
6	20	18	2	23	8	21	3	57
7	18	16	1	10	7	15	5	38
8	17	16	1	11	14	17	9	52
9	18	16	1	18	9	18	7	53
10	19	12	1	10	4	15	7	37
11	15	12	2	8	3	13	5	31
12	23	15	--	11	7	17	2	37
13	17	12	1	14	8	12	2	37
14	20	17	1	16	6	17	4	44
15	21	18	4	14	7	20	3	48
16	21	17	1	21	2	17	2	44
17	18	17	2	19	6	17	6	50
18	16	14	--	12	7	14	10	43
19	21	19	1	21	12	19	7	60
20	18	18	2	7	9	18	3	39
21	17	17	1	10	5	18	8	42
22	22	20	2	11	12	19	6	50
23	16	15	4	13	10	17	8	52
24	17	15	--	9	8	15	6	38
25	19	14	4	9	6	14	5	38
Totals	471	411	39	366	194	427	139	1165



AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

Replanning Conferences. The conference on replanning agricultural education in the public schools, held at Southern Illinois University on October 21, attracted about 60 persons. A similar conference at Western Illinois University on November 4 attracted about 125. The replanning conference at Northern Illinois University will be held on March 16, 1961.

H. M. H.

Division Representation at the A. V. A. Convention. Four members of the staff of the Division of Agricultural Education will attend the annual convention of the American Vocational Association at Los Angeles, December 5 to 9. A new feature of this year's convention is a half-day trip to Los Angeles schools teaching general or non-vocational agriculture.

H. M. H.

New Edition of Publication on Citizens Committees. A 1960 edition of Citizen Participation in Local Policy Making for Public Education is now available from the College of Education, University of Illinois. Individual copies cost 50 cents. It has 35 pages. It points out in its first eight pages the need for school policy and discusses the nature of policy, organization for policy making, and the policy making process. The balance of the publication is devoted to the organization and management of a system of citizens committees concerned primarily with helping boards of education in the development of school policy.

This publication provides the basic information needed in setting up advisory committees for agricultural education. It is supplemented by a mimeographed statement, a consulting committee for agricultural education, whether or not there is a central citizens committee in the school system.

H. M. H.

Placement Report. There are no schools seeking teachers of vocational agriculture at the present time.

Since the last report, Maurice Watkins has been employed at Mt. Auburn.

A. H. K.

AIDS, December 1960

Scientific Careers in the Agricultural Research Service. Miscellaneous
Publication No. 798, U. S. D. A. For sale by the Superintendent of Documents,
Washington 25, D. C., Price - 35 cents.

This 37 page booklet provides a surprisingly large amount of information about careers with the Agricultural Research Service. Included in the content are brief statements about each of the farm research divisions -- agricultural engineering, animal diseases and parasites, animal husbandry, crops, entomology, farm economics, and soil and water. Information is also provided on other programs such as utilization research and development, home economics institute, experiment stations, regulatory programs, etc. Mention is also made of working conditions, numbers of persons employed in the various areas of activity, salaries, and fringe benefits.

A. H. K.



IAVAT NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

Congratulations to Joe Berger, IAVAT Treasurer, Sectional chairmen, and dues paying members for having your dues paid 100% by November 1, 1960. (505 of you) Joe will be checking the annual directory to see if any have been missed. We have a rule that you owe dues if you teach under contract for one day or more (not substituting).

It is great to belong to a professional organization that does not have any "free-loaders".

The break-down of dues as reported by Joe, is as follows:

District 1	100
District 2	99
District 3	98
District 4	96
District 5	90
State Office	12
U. of I. - SIU	10

Thanks to all of you from Joe, and myself.

At the recent Section 1 grain and fatstock judging contest, the top five winners in order for grain are: Lena-Winslow, Polo, Stillman Valley, Oregon, and Orangeville.

In fatstock - Polo, Rockton, Oregon, Lena-Winslow, and Byron. Lena-Winslow was host to the contest.

B. Graham sends an item from Section 11. A livestock and dairy selection meeting was held at Western on October 4. Competition on the 10 rings was between members of boys from their own schools. (No competition between schools.) Plenty of time was given to listen to reasons for placing the animals. Boys had an opportunity to visit the boar testing station, the beef bull testing program, the feeding set-up for dairy based on DHIA. We are not sure that this is what we will continue, but we are trying out some things to emphasize the value of production and performance in the selection of animals.

INTRODUCING YOUR EXECUTIVE COMMITTEE

Keith McGuire - Your President --

Keith was born on a 340 acre farm south of Bourbon, in Douglas county on August 29, 1912. He graduated from Arcola High School. He farmed with his father for four years before enrolling at the University of Illinois. He graduated from the University in three years and later received his Master Degree from the same institution.

He married Jaunita Kresin in 1936. They have three children. Bob is a graduate student in Mathematics at the University of Missouri; Craig is a first year student of law at the University of Illinois; Nancy is a freshman at Polo High School.

Keith started the Agriculture Department at Forreston in the fall of 1937. He spent four and one-half years as a sales supervisor for a seed corn company. For the past 10 years he has been at Polo.

His hobbies include stock market investments (when he has the money), coin collecting, and stamp collecting. He also considers himself an authority on income tax.

He is a member of the E. U. B. Church and is Sunday School Superintendent. He is presently City Treasurer of Polo, Treasurer of the Polo Community Credit Union, Treasurer of a local stock market investment club, and Treasurer of the Polo Steer Show. He has been President of the local Lions Club and attended the International Convention at Miami. He was Ogle county president of the I. E. A. for four years and was recently elected President of the Rock River Division of I. E. A. (2400 teachers) to take office next July 1.

His philosophy on teaching agriculture is "the boys must be taught that Grandpa's inheritance may not carry them through life as it has generations before them. A strong back is not the asset it once was but a strong mind is the real asset. The 30-35 year career of farming must be stressed, not the period of high or low prices; we must teach patience - most people have little of it today." He believes the way to get along with administrators, is to keep them informed of what you do - both good and not so good. It is easy to say NO when your decision is not based on information. He believes we all must do a few things we do not get paid for, such as church work, charity drives, farm organization work, etc.

His happiest moment was the night his son Craig, 16, received his Eagle Scout Award. He considers as his greatest achievement getting 87 farmers out per night for 20 consecutive adult evening sessions in two years. His judging teams have won three state contests, 16 sectional contests. Most of his students have turned out as expected. Some he is quite proud of - some could have done better.

Your President just returned from Southern Illinois University with the Agricultural Education Advisory Committee consisting of Art Schick, Chairman; I. L. Brakensiek; Leon Mayer, and G. S. Zimmerman. Dean Finch - District 1 Director - also attended. This was a fruitful meeting. There was a complete exchange of views and information regarding the present and some possible future problems.

AIDS, December 1960

Please rush those credentials to me for your section selection of the administrator whom you have selected as a "real friend of vocational agriculture". Some basis for selection might be:

- a. Enough years of experience to have established a pattern of performance
- b. Letting the vocational agriculture teacher have enough latitude to develop his program fully (not loading him down with other subjects)
- c. Providing liberal opportunity for a vocational agriculture teacher to attend I. V. A. meetings, take boys to F. F. A. National Convention, trips to International, and attend the AVA.
- d. Provide an adequate farm mechanics facility (not disguised as a bus garage, driver trainer garage, and lawn mower storage unit)
- e. Be willing to pay the agriculture teacher what he is worth in comparison to the salary schedule prevailing in the school
- f. Be interested in adult programs, young farmer schools, advisory councils, etc.
- g. Show an interest in the farming programs of the boys
- h. Provide an adequate classroom and materials for teaching vocational agriculture
- i. To have an attitude that a vocational agriculture teacher with 44 boys is teaching 88 student class periods per day, which is no less than other teachers
- j. You name it

Send in any testimonials from anyone who is in position to get your man nominated. We shall select five from the state and invite them to our banquet next June.

How about buying your High School Counselor one of those Hoards Dairyman "Careers in Agriculture" booklets. It might be educational.

A recent release stated that 30% of the high school entering freshmen entered college and 30% of those entering freshmen graduated from college. Is your school gearing its curriculum to the 9% that graduate from college or the 91% that go into other occupations?

VO-AG SERVICE

Announcements & Notes

FORMS FOR FFA ROADSIDE SIGNS

More than 50 teachers have been sent personal letters and a form to be returned for new sets of roadside signs which could be assigned to those teachers. Only 12 of those forms have been returned, to date. The signs will be sent to Pontiac early in December. If you expect the set that can be assigned to you, please see that the form and the \$2.00 token fee reaches our office by December 10.

Slidefilm 208 - The Cow's Udder and How it Functions. This is the first slidefilm Vocational Agriculture Service has completed and announced this school year. On November 9, 154 prints were sent to teachers who placed advanced orders for films and who checked this as one they were willing to accept. This is a black and white slidefilm of 48 frames and is available in single frame only. It is priced at \$1.18, f. o. b. Urbana. The slidefilm is listed on the tear sheet that accompanies this issue of the AIDS for the convenience of any who may wish to order.

M. H

Composite Orders - Status of. If our records are correct, all composite orders on hand as of October 15 were filled on or before the first week in November. This included orders for each of the five sets of slides, tractor maintenance kit items, small engine kit items and items in the concrete kit. According to information which we included on page 15 of our 1960 listing, orders for items that are to be a part of the composite orders will next be requisitioned on February 15, 1961, if placed with us between October 16 and February 15.

M. H

Suggested 16mm Films Related to Vocational Agriculture. We are indebted to Francis L. Abel, Vocational Agriculture Instructor at West Branch, Iowa, for sending us a copy of a release he prepared and for giving us permission to retype and duplicate copies for our Agricultural Release subscribers. Copies were sent with the November Releases. About 50 extra copies were run and as long as the supply lasts, those will be available from our office at 10 cents per copy, f. o. b. Urbana.

M. H

AIDS, December 1960

State Fair Junior Department - Changes in Rules or Arrangements for 1961. Mr. R. O. Lyon gave us the following information about a month ago, but just a few days late for inclusion in the November AIDS:

1. The oldest class in the beef breeding classes, cow or heifer calved during the second year previous to the fair, will be dropped.
2. The summer yearling and junior yearling classes of beef heifers will be divided to provide more uniform ages in the resulting classes, depending on availability of funds for premiums.
3. Red Poll classes will be reinstated for 1961.
4. Bantams will not be placed in the Junior Poultry Show.
5. Entry date for the Junior Department will be Wednesday before the official opening of the Fair on Friday. Counties which have their show on Thursday after the Wednesday entry date may add their entries on Thursday. Entries in the tractor driving contest may be accepted later at the discretion of the Assistant Superintendent in charge of tractor driving.

M. H. /R. O. L.

Workbook for Writers. A revision of the workbook was made by Hadley Read and others so that the publication might better meet the needs of vocational agriculture teachers. Copies of the material, as revised, were run by Vocational Agriculture Service and included with the November Agricultural Releases. We are sorry but there are no additional copies available so please do not request them.

M. H.

Units - New Prices On. Effective January 1, 1961, prices on all Vocational Agriculture Service units will be as follows:

1 to 49 pages of unit material	2 cents per page
50 to 999 pages of unit material	1 cent per page
1000 or more pages of unit material	3/4 cent per page

Teachers who check on the matter will find that in most cases the foregoing prices are lower than prices charged previously. Please note, however, that the new prices do not go into effect until January 1, 1961.

M. H.

Agricultural Releases for 1960-61. The final deadline date for Agricultural Releases for 1960-61 was December 1. If you failed to subscribe to the 1960-61 Releases before that date, please do not send in a request for this year's releases. We are sorry, but regardless of how good a reason there may be as to why your request was not placed on or before that date, we feel that it would be unfair to accept it unless we were willing to do the same for all.

M. H.

F. F. A. Roadside Signs. October 15 was the deadline date for requesting reconditioned or new FFA roadside signs. Seventeen of the schools notifying us before that date have already received their reconditioned signs or been notified that they are ready for delivery. It is necessary for us to have additional signs made, repainted, and lettered before we can fill orders for new sets of signs or before we have signs to exchange for those to be reconditioned. Material for additional sets needed has already been received and cut for signs. We hope that by early December we can send the signs for painting and lettering. At this time, we can give you no information as to when the sets will be ready for distribution. Schools concerned will be notified when the sets are ready.

If you failed to notify us on or before October 15, to the effect that your signs needed reconditioning, there is no need to notify us at this time. Please do not bring in sets of signs to exchange if you have failed to notify us prior to the deadline date of October 15. If you do bring in sets under those conditions, you chance losing them because we do not have a system of bookkeeping set up whereby we can keep a record on such sets.

M. H.

New Bulletins and Circulars from the College of Agriculture. Two new publications from the College of Agriculture have been received and have not been announced in previous issues of the AIDS. Those are North Central Regional Publication 107 (Illinois Bulletin 663) "Changes in Spatial Grain-Price Patterns in the United States and In The North Central Region - 1946-1958", and 113 (Illinois Bulletin 664) "Disposing of Surplus Fluid Milk in Midwestern Markets". Because of the nature of the publications and the limited supply available, copies were not sent with Agricultural Releases. Further, your IAVAT Committee did not rate either of those publications as being suitable for general use in vocational agriculture programs.

M. H.

Forest Tree Application Forms. Through the courtesy and thoughtfulness of Professor Bulkley, we have received a supply of copies of the application form and price list for ordering trees from the State Division of Forestry. I think we have sufficient quantities to permit our enclosing one with each copy of the December AIDS sent to vocational agriculture teachers in Illinois. The applications are being sent only to our Illinois teachers because the stock is usually available only to Illinois land owners.

According to Professor W. F. Bulkley, of the University of Illinois Forestry Dept., the nurseries will accept purchases after November 15, 1960. No planting stock will be sold for fall delivery this year from state operated nurseries.

R. C./W. F. B.

Planning Your Farm Business. A copy of this booklet is included with the December Agricultural Releases. The booklet brings data in previous planning booklets up to date. It also includes some newer budgeting methods designed to make it more feasible to estimate income and expenses at various stages in the plan. Short courses have been held or planned this fall in six sections on the use of the booklet. The price is 25 cents per copy, f. o. b. Urbana.

J. H. H.

AIDS, December 1960

Problem Illustration for Planning Your Farm Business. A copy of this 10-page item is included with the December Agricultural Releases. The material was prepared as an aid in helping persons become better acquainted with the new budgeting methods used in the planning booklet. Although originally prepared as an aid for teachers' short courses, some teachers may want to use the problem with their high school classes. Additional copies of the problem illustration, including the key, are available at 10 cents each, f.o.b. Urbana. The one-page problem can be duplicated by local schools if desired or if you wish copies of only the single page problem that is a part of the 10-page release, they can be secured from our office at 1 cent per copy, f.o.b. Urbana - minimum order -- 5 copies (5¢).

J. H. H.

Section 8 - Please Note. After the November AIDS were released, we found that there actually was no power supply representative in charge of a motor kit for Section 8. Through the willingness and cooperation of your sectional chairman, Marion Welles, a kit was delivered to him along with the necessary forms, text materials, etc. He agreed to take charge of the kit until he could locate a teacher in the section who would be responsible for scheduling it and handling it in Section 8. Consequently, any teacher in Section 8 wishing to use the kit should contact Mr. Welles unless you receive notice from him previously to the effect that some other teacher in your section has been given the kit and the responsibility for handling and scheduling it.

M. H.

Electric Motor Kit - Section 24. We understand that Wayne Jones, Chairman of the Vo-Ag Committee of the IFEC, has sent each teacher in Section 24 a letter indicating that Mr. Mace Parker of the Central Illinois Public Service Company, Carbondale, Illinois, is in charge of the motor kit for teachers in that section. It is our understanding that he replaces Messrs. Miltenberger and Snider whose names were included in the November AIDS.

M. H.

Listing of VAS Items. For the past two years, Vocational Agriculture Service has sent a listing of its items to vocational agriculture teachers early in the calendar year. This was done at the request of several teachers and was primarily as an aid for those teachers needing information in making out their budgets before the end of the school year.

This year, the listing will be put on 4" x 6" cards but present indications are that the completed listing cannot be made available before about the time of the June Conference. Consequently, in January or February 1961, we will issue a release listing the items available together with information as to prices. This information will be the same as will be included on the cards but will not have the descriptive material that will be on the cards. We are making this announcement since we assume that some teachers might be interested in knowing whether they will have information on our items to use in connection with their new budget requests.

M. H.

Parliamentary Procedure - Ladder Charts For. In the November AIDS, we indicated that we had a few remaining sets of the ladder charts relating to parliamentary procedure. We have received so many requests for those that we have now rerun the material and should be able to take care of at least the next 100 such requests. While a tear sheet for this item was included in the November AIDS, it is also one of the items included on the sheet in this issue as a matter of convenience to those who may wish to order. The price of the 10 charts in the set is \$1.00, f. o. b. Urbana.

M. H.

Illinois Sheep Breeders Sale. Mr. Eugene Megli sent us the following information:

The Illinois Suffolk Sheep Association announces the third Annual Bred Ewe Sale to be held on December 17, 1960, at the Illinois State Normal University Sale Pavilion. There will be 50 bred ewes and 10 ewe lambs consigned from some of the leading flocks throughout Illinois. Sale time will be 1:00, so don't pass up this opportunity to see this fine selection. Catalogs: write to Eugene Megli, Sale Manager, 307 North Main St., Normal, Illinois

M. H.

Help Needed. We can use a student up to 20 hours per week. If you know of a reliable, needy student (male or female) here at the University that is a willing and conscientious worker, please let us know. Since our costs for wages for such students must be passed on to schools in the form of prices we charge, it is also to your advantage for us to get only those persons who are reliable, honest, and conscientious workers. We would appreciate your sending us the name of any student from your area that you think wants work and whom you would recommend.

M. H.

FARM AND HOME FESTIVAL

April 6, 7, 8, 1961

AIDS, December 1960

NEW BOOKS

We are glad to have the opportunity to announce new publications to our teachers. Copies of these are available for review in our office by those who are interested therein. Further, as long as the editions are current and our information is kept up to date, the books will be included in exhibits we make, such as the one in connection with the Annual Conference of Vocational Agriculture Teachers.

Construction and Maintenance for Farm and Home. 1960. \$6.95. Edward W. Foss. John Wiley and Sons, Inc., 440 Fourth Avenue, New York 16, New York.

The following is taken from the preface:

"This book explains in some detail the necessary information which a pupil should have before and during the period he engages in each shop activity. Subject matter in the areas of machinery and power, rural electrification, and water supply and sanitation has been omitted because it is included in other available books. In each chapter the necessary materials, tools, and equipment are discussed in such a way that students gain a general understanding of their use. Considerable related information is included with the skills, to acquaint the reader of the "whys" and to broaden his knowledge of the whole field. It is hoped that the reader's interest will be stimulated to the extent that he will look up and read more fully in many of the areas discussed.

"This book does not contain many actual projects. A few are included to illustrate the methods of using tools and of laying out and assembling projects with many parts. It is assumed that the shop teacher will have reference books, magazines, and other sources to which both he and the students can turn to select what they want to make."

Modern Insecticides and World Food Production 1960. \$8.50. Gunther and Jepperson. John Wiley & Sons, Inc., 440 Fourth Avenue, New York 16, New York.

The following is taken from the preface:

"This book was not written for specialists in the fields of economic entomology and the chemistry of insecticides. Rather it is intended to provide a general but reasonably comprehensive insight into the why's and wherefore's of the modern insecticides and acaricides, problems of their use, and problems from their use. The treatment of these and related topics is by no means exhaustive, but it is hoped that sufficient details, illustrative examples, and interpretations have been included to encourage the reader to develop his own rationale about these necessary but often poisonous substances. Condemnation without the hearing of evidence cannot but dishearten the worker in any endeavour, and the modern pesticides at the moment are essential to man's existence. The encouragement of interest, tolerance, and understanding of this situation is the objective of this book."

Principles of Genetics. 1960. \$7.50. Eldon J. Gardner. John Wiley & Sons, Inc., 440 Fourth Avenue, New York 16, New York.

The following is taken from the preface of the book:

"This book is written primarily for the college student taking his first course in genetics. It emphasizes basic principles and tells the story of the classical experiments which have laid the foundation for a modern science. Hereditary material or germ plasm is considered in its cytological and biochemical setting along with the mechanics of transmission genetics. Because genetics is usually encountered in terms of a problem, the problem approach is used in discussions as well as in the learning exercises at the ends of the chapters. The experimental nature of the modern, rapidly growing science is illustrated at every opportunity. New terms are defined when first introduced, used repeatedly in the discussion, and listed at the end of each chapter for review."

Educators Guide to Free Tapes, Scripts, and Transcriptions. 1960. \$5.75. Educators Progress Service, Randolph, Wisconsin.

The following was taken from the brochure that accompanied the publication:

"This SEVENTH edition is completely new and is devoted exclusively to selected free tapes, free scripts, and free transcriptions. It is a complete, up-to-date, annotated schedule of selected audio aids and scripts--bringing you the compiled information on these selected FREE educational enrichment audio and script materials, all at your fingertips, within the covers of a single book."

"This SEVENTH edition lists, classifies, and provides complete information on sources, availability, and contents of 129 free tapes, 230 free scripts and 106 free transcriptions, a total of 465 valuable materials. Of these, 155 are new starred (*) titles. Additionally, it gives the busy, alert educator and librarian information on the nature, purposes, and use of these materials not to be found in any other single source."

TO: Vocational Agriculture Service - 434 Mumford Hall - Urbana, Illinois

Please send the following items:

_____ Sets of Parliamentary Practice Ladder Charts @ \$1.00 per set, f.o.b. Urbana

_____ Planning Your Farm Business Booklets @ 25¢ each, f.o.b. Urbana

_____ Problem Illustrations for use with Planning Your Farm Business @ 1¢ per copy
(minimum order 5 copies)

_____ Slidefilm #208 - The Cow's Udder and How It Functions @ \$1.18 each, f.o.b. Urbana

_____ Suggested 16 mm Films Related to Vocational Agriculture @ 10¢, f.o.b. Urbana

Teacher

School

ADS, December 1960

INDEX TO ITEMS IN VO-AG SERVICE SECTION

Agricultural Releases for 1960-61	7
Composite Orders - Status of	6
Electric Motor Kit - Section 24	9
Feed Prices	Inside back cover
FFA Roadside Signs	8
Forest Tree Application Forms	8
Help Needed	10
Illinois Sheep Breeders Sale	10
Listing of VAS Items	9
New Bulletins and Circulars from the College of Agriculture	8
New Books	11 & 12
Parliamentary Procedure - Ladder Charts for	10
Planning Your Farm Business	8
Problem Illustration for Planning Your Farm Business	9
Slidefilm No. 208 - The Cow's Udder and How it Functions	6
State Fair Junior Department - Changes in Rules or Arrangements for 1961	7
Section 8 - Please Note	8
Suggested 16mm Films Related to Vocational Agriculture	6
Units - New Prices on	7
Workbook for Writers	7

PRICE LIST OF FEEDS^{1/}

December 20, 1960

The feed prices for many of the feedstuffs used in vocational agriculture projects are listed below. This list is meant to be used as the basis of values for all boys obtaining their feed at home. All feed actually purchased should, of course, be recorded at prices paid.

Kind of feed	Cost per bu., cwt., or tons in dollars
Corn, bu ^{2/} . . . . .	.84
Corn, ground, bu. . . . .	.94
Oats, bu . . . . .	.52
Oats, ground, bu . . . . .	.62
Barley (feed), bu . . . . .	.94
Barley, ground, bu	1.04
Sorghum grain, cwt.	1.59
Sorghum grain, cracked, owt	1.69
Garbage and kitchen waste, ton	8.50
Whole milk, cwt	3.00
Corn silage, ton	12.00
Sorghum silage, ton	11.00
Grass silage, ton	
No preservative added	8.00
Preserved with 70-100 lb. molasses	9.00
Preserved with 150-200 lb. ground corn	12.00
Clover and mixed hay).	20.00
Cowpea hay)Add \$5 per ton	18.00
Soybean hay)for baled hay.	18.00
Alfalfa hay)and straw.	20.00
Timothy).	18.00
Corn stover, ton	11.00
Oat straw, ton	16.00

^{1/} Prepared by W. W. Albert, Dept. of Animal Science, University of Illinois, Urbana, Illinois

^{2/} High-moisture corn to be discounted at the rate of 1¢ for each 1/2% moisture above 15.5%

VOCATIONAL AGRICULTURE SERVICE

University of Illinois · College of Agriculture

434 MUMFORD HALL · URBANA, ILLINOIS

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VO-AG AIDS

Volume 19, Number 6
January, 1961

Issued jointly by
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and
Agricultural Education Division, College of Education
University of Illinois
in Cooperation with
Illinois State Board of Vocational Education

Dec. 3, 1960

SOUTHERN ILLINOIS UNIVERSITY

CARBONDALE ILLINOIS

will need to be re-evaluated the dynamic nature of agriculture and the need for the vocational agriculture program to change with these changing conditions, particularly

December 3, 1960

Letter No. 4
To: Illinois Vocational Agriculture Teachers

The IVATA Advisory Committee met with us on November 11-12. They made helpful suggestions as to ways to further strengthen Southern's program. Their recommendations included helpful suggestions on ways Southern Illinois University School of Agriculture can contribute to the continued development of "professional" agriculture throughout the state, such as:

1. Providing more materials on job opportunities and other guidance aids.
2. Through research determine how to find and keep agriculture students.
3. Continue present standards for training and further develop facilities as funds permit.
4. Develop additional workshops, tours, etc. to help meet the needs of vo-ag teachers.

Five students completed their practice teaching the week ending December 9. The three supervising teachers were with us for a comparison of notes on these men on November 29 and also to discuss methods of lesson planning.

This fall there are 73 students who have indicated a vocational agriculture teaching major of whom 10 will qualify for teaching by the end of this school year.

April 15, 1961 will be high school visitation day. Some contests and awards will be made. It is expected that many high school juniors and seniors will take advantage of this opportunity to see the facilities, talk to the staff members, and become further acquainted with the many careers in agriculturally related businesses. Home Economics Guest Day will also be on April 15.

In five nearby towns School of Agriculture staff members have recently presented to students, farmers, and business men Farm-City programs with special emphasis on agricultural occupations. We are available for additional programs of this nature.

The undergraduate enrollment for the fall quarter in agriculture was 428. Pre-enrollment indicates that this number will be exceeded in the winter quarter.

Dates for your 1961 calendar: Jan. 26 - Farm Credit Workshop
Feb. 13 - Swine Day
Apr. 15 - High School Visitation

The Summer 1961 4 weeks program included a course in Commercial Poultry Production (An I. 420) and a course in fertilizers (Pl I 407). These run from June 19 through July 14.

Prof. T. C. Broyer, Chairman of Department of Soil and Plant Nutrition at the University of California, Berkeley, is a distinguished visiting professor this year in the Plant Industries Department. Prof. Broyer is internationally known for his research in nutritional deficiencies in plants; he is co-discoverer of the essential nature of chlorine.

In cooperation with the Univ. of Illinois, Agricultural Education Dept., there was a meeting on our campus on October 24 to discuss the topic "Re-planning Agricultural Ed."

This meeting emphasized the dynamic nature of agriculture and the need for the vocational agriculture program to change with these changing conditions, particularly in Southern Illinois.

Southern has 25 foreign teachers on campus during this fall quarter under the Fulbright Program. Of these, three are teachers of agriculture from Finland, Ceylon, and Iran. These men have been attending general university seminars and agricultural seminars in each area of instruction.



AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

Report of Study of Vocational-Technical Education Released. On November 28, 1960, George T. Wilkins, State Superintendent of Public Instruction, released to the press the report of the two-year study of vocational-technical education in Illinois made for the Office of the State Superintendent of Public Instruction by a group at the University of Illinois.

The report recommends the expenditure of \$172 million over a ten-year period for the provision of buildings and equipment for area vocational-technical programs and an annual expenditure for operating costs, once the system is complete, of \$65 million.

A state-wide system is proposed, to be financed largely with state funds. There would be ten regions with regional schools with extension centers in cities other than the city in which each regional school would be located. The vocational-technical program would preferably be conducted by a comprehensive post-high-school institution, which would offer the traditional junior-college program and would provide education for adults of all ages. Students in small high schools too few to justify offering vocational courses, including vocational agriculture, could be grouped for programs in the 11th and 12th grades.

The report recommends that the local schools do all that can be done locally, that the regional schools supplement the local programs, and that there be no reduction in present aid for vocational education to any local school.

The regional schools would offer technical and advanced vocational education in all vocational fields: agricultural education, distributive education, homemaking education, and industrial education.

The report includes data regarding the prospective need for trained workers in Illinois and the 54 curricula offered in similar schools in other states. Its implications for agricultural education will be discussed by the Agricultural section of the Illinois Vocational Association at its meeting in St. Louis in March.

Superintendent Wilkins will release in January his recommendations to the 1961 General Assembly of first steps in implementing the report, assuming that the remaining steps would be taken by the 1963 General Assembly.

Members of the University of Illinois group who conducted the study have been Dr. William P. McLure, Director of the Bureau of Educational Research, Chairman, H. M. Hamlin, Professor of Agricultural Education, M. Ray Karnes, Professor of Industrial Education, and Van Miller, Professor of Education. Dr. George C. Mann, for 22 years Chief in Adult Education, State of California, gave full time for two years to the study. One graduate assistant was used during the first year and three graduate assistants were involved in the second year of the study.

H. M. H.

Innovations in Agricultural Education in California. The trip to the convention of the American Vocational Association at Los Angeles provided an opportunity to visit three California schools which provide agricultural education: a junior high school and a senior high school at Van Nuys and Mt. San Antonio Junior College at Pomona. The junior high school visited is one of 50 Los Angeles junior high schools teaching agriculture. Each of these has a full-time teacher of agriculture and approximately an acre of land. The senior high school visited has three teachers of vocational agriculture and provides land and buildings for garden and horticultural crops, beef cattle, sheep, hogs, and chickens.

Mt. San Antonio Junior College has an enrollment of 3,800 students. The assessed valuation of the district is \$432 million. There are five teachers of agriculture. A 200-acre farm is a part of the 450-acre campus. Units of the farm are devoted to hogs, beef cattle, sheep, chickens, and ornamental horticulture. Foremen and students operate these units. Separate courses in agriculture are provided for students who expect to transfer to agricultural colleges and those who do not expect to transfer. Although 85 percent of the students are from towns and cities, 70 percent of the graduates are engaged in agricultural work or are attending agricultural colleges.

H. M. H.

Placement Report. Since the last report on placement in this Newsletter, one school has requested assistance for filling a position to be vacated February 1, 1961. There are available for placement at the present time, two experienced teachers and one inexperienced teacher.

There have been no placements since November 7, 1960, the date of the last report.

A. H. K.



IAVAT NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

Congratulations to Don Parish, of Stillman Valley for receiving the twenty-five year award of the IAA at Chicago recently. Don has done an outstanding job teaching vocational agriculture for each of the past twenty-five years. He has always been too busy to even think about "going to seed".

As a follow-up to the GUIDANCE meetings recently held over the state, you might do what I did. Do a little research on the graduating classes of your own high school. Follow them from the freshman class in high school through college. Here's what I found for the recent graduates from 1950-59. I left out 1960 because its too early to see how many will survive college.

Here's what I found: 24% of the entering freshmen in high school did not graduate from high school. 46% of the entering college freshmen did not graduate. 11% of those entering high school as freshmen graduated from college. Now the question is should a high school curriculum get "all steamed up" about trying to make scientists, mathematicians, etc., out of all the students when 89% of the students do not graduate from high school. It seems more sensible to try to do something for the 89% who must face the world when they finish high school. Fortunately, Polo High School has not tried to make scientists out of everyone but does provide advanced courses for those who have the capability and interest in college work.

Section 5 is getting started on "exchange of ideas" contest. What is your section doing?

Definitions:

A HAS BEEN - one who left ag teaching after 10-15 years for another job, then later returned to teaching ag.

AIDS, January 1961

IN A RUT - one who taught ag for 20-30 years continuously, looking outside the profession on the green grass but afraid to leave it, not knowing for sure that you could re-enter it if he failed in the new job.

(these two definitions were given to me recently by two ag teachers)

What would you call a man who prepared to teach, taught one or two years, and left the profession for good? FAILURE, OPPORTUNIST, GAMBLER

(definitions have a peculiar twist according to the definer)

Have you read the two articles by Alan Utech - November Agricultural Education Magazine - "Model T's to Thunderbirds", and "Solving a Farm Shop Clean Up Problem" in November Industrial Arts and Vocational Education Magazine? Congratulations, Alan!

Keith McGuire

VO-AG SERVICE

Announcements & Notes

Dairy Calf Sale - February 25, 1961. Again we are indebted to Professor J. G. Cash for his thoughtfulness in notifying us of the Annual Dairy Calf Sale. The following was taken from his letter to us:

"At a recent meeting, the Illinois Purebred Dairy Cattle Association voted to hold their 13th Annual Calf Sale on Saturday, February 25. As you know, only bonafide 4-H and FFA members are eligible to purchase the calves offered at this sale. In previous years, you have carried an announcement of this sale in your newsletter to vocational agriculture instructors. I am sure the members of the Purebred Dairy Cattle Association would appreciate it if you would do the same this year. I will send one copy of the catalog to the instructors just as soon as they are off the press. This will not be before the early part of February."

J. G. C. / M. H.

I. S. H. I. A. Annual Meeting. Mr. Fred Hoppin, Executive Secretary of the Illinois Swine Herd Improvement Association, announces their annual meeting on Saturday January 14, 1961 at the Jefferson Hotel in Peoria. Dr. Clarence Self of Iowa State University will be one of the featured speakers. All interested vocational agriculture teachers and students are welcome.

F. H. / W. H. W.

Social Security--item related thereto. An article entitled "Social Security and 1960 Amendments Related Thereto" accompanies this issue of the AIDS. The item was written by Charles H. Thompson, District Manager, Champaign District Social Security Office. The item was folded with, but not stapled as a part of the AIDS. It was thought that many of the teachers (especially those conducting adult classes) might wish to put the item on their bulletin boards and if so, it might be more convenient for them if it was not stapled as a part of the AIDS.

M. H.

AIDS, January 1961

Area Dairy Days. Thanks to Professor J. G. Cash, we are privileged to announce the following:

"Many of the current feeding, breeding, and management problems facing the dairymen in your county will be discussed at the area dairy days this winter. Members of the Department of Dairy Science are leaving no stones unturned to uncover the facts and to report the latest findings to the dairymen of the state.

"Some of the topics of current interest to be discussed on this well-rounded program will include: (1) high moisture corn for dairy cows; (2) dwarf corn and thickly planted corn for silage; (3) maximum use of corn and corn silage in the diet of dairy animals; (4) ear corn silage; (5) harvesting hay at the best stage of development; (6) use of urea, molasses, yeast, stilbestrol, vitamins and antibiotics in dairy rations; (7) slobber hay; (8) caring for calves and heifers to obtain good growth for early maturity and production; (9) new systems of evaluating the transmitting ability of bulls; (10) what's new in milking and handling the milking machines; and (11) controlling the face fly. Information on these topics will be presented by four members of the resident staff of the Department who have conducted research in these fields. The plan is to have two presentations in the forenoon and two in the afternoon, followed by a question and answer period.

"Following is a list of dates and places where these area meetings will be held. They will start promptly at 10:30 a. m. and will be over by 2:30 p. m. There will be ample opportunity for dairymen to ask questions on any of the topics discussed or on any other problems. In order to save time, lunch will be available at most meetings (Dutch treat).

January	19 - Urbana - Auditorium, Veterinary Medicine Building
	23 - Galesburg - Farm Bureau Auditorium
	24 - Pittsfield - Farm Bureau Auditorium
	25 - Highland - Weinheimer Building
	26 - Marion - Logan School Gym
	27 - Effingham - Methodist Church
February	6 - Dwight - VFW Building
	7 - Elgin - Blue Moon Hall
	8 - Oregon - Coliseum
	9 - Stockton - High School Gym
	10 - Amboy - 4-H Center"

The letter from Professor Cash that accompanied the preceding announcement stated that:

"Four members of the resident staff will participate in the program. Two of them will make their presentation in the forenoon and two in the afternoon. If you feel the vocational agriculture instructors might be interested in bringing their classes to the entire Dairy Day or to the morning or afternoon sessions, we should be pleased to have you announce these events in your letter to the instructors. We should be pleased to have the instructors and their students attend."

J. G. C./M. H.

AIDS, January 1961

Farm Structures Course. The following information was sent to us by Mr. Leland A. Bradley of the American Zinc Institute:

"At the Farm Structures Workshop fast-moving concentrated study covers all phases of farm buildings. During the 6 hours (minimum) considerable information will be covered in classroom discussion and the principles learned practiced as a group by construction of a building in the shop.

"This course is designed so that class groups -- all-day and adult -- may gain a better understanding of Farm Structures. Topics given emphasis cover all major building problems, such as:

The important management decisions

How to pay for construction

Where to locate new structures

Kind of buildings needed

Selection of building materials

Proper design to withstand forces which destroy buildings

Wise maintenance

"In group shop activity a class can work together to practice:

Basic construction skills

Plan reading

Application of design principles

"Trained personnel will conduct the workshop. During the 6 hour meeting many teaching methods will be experienced along with practice in construction and discussion of subject matter.

"The availability of American Zinc Institute teaching materials will be explained:

Teachers' Guide to Farm Structures

Farm Structures Student Manual

Shop Project Building Plans

Filmstrips

Reference Manuals"

If there are sufficient teachers in your section who are interested in such a course, please send our office the name of such teachers, the proposed location for the course and, if possible, two or three possible dates. We will then contact Mr. Bradley and others concerned in an attempt to get the one-day course offered to those interested.

L. E. B. /M. H.

Regarding Help Wanted. As a result of four teachers contacting us regarding the announcement about part time help needed, we have been able to secure two students that should be sufficient for this semester and next. We are including this announcement to express our appreciation to those teachers who sent in names of students and also so that others will know that we have now secured the help needed at this time.

M. H.

FFA Roadside Signs. On October 26, 1960, fifty-two schools were notified to the effect that they could secure new (or additional) sets of FFA signs which they requested prior to the deadline date of October 15. In addition, thirty-one schools were notified to the effect that we would proceed with making up replacement sets for those that needed reconditioning.

The necessary signs were made up and sent for painting and lettering on December 1. Those should be painted by sometime in January. Immediately thereafter, we will have the chapter names painted on the 5th sign in each set. Sixteen schools have not returned the form which was to be accompanied by a \$2.00 token payment, payable to Vocational Agriculture Service. We will letter chapter names on new sets for only those whose completed forms and \$2.00 fee reach our office by February 1, 1961. Schools who, according to our records, have not returned the completed form and the \$2.00 fee are:

Bismarck	Gibson City
Bluffs	Macon
Bridgeport	Monmouth (form, no fee)
Carrollton	Staunton
Casey	Stillman Valley
Dallas City	Wenona
DeKalb	Williamsville
Galena	Ramsey

M. H.

Listing of Vocational Agriculture Service Items as of January 1, 1961. A listing of items available from Vocational Agriculture Service, as of January 1, 1961, is included with each copy of this issue of the AIDS. In reality this is only a very brief summary taken from information that will be on 4" x 6" listing cards that we hope to have available for free distribution at the time of the Annual June Conference for Vocational Agriculture Teachers. The listing cards will, of course, carry descriptions of each item together with other information that it is impractical to include on the brief listing that accompanies this issue of the AIDS. When the listing cards are distributed, they will be included in a metal filing case given to your Vocational Agriculture Department with the compliments of Vocational Agriculture Service.

If additional information is desired on any of the items included, please contact our office. Perhaps we should mention that there have been some price changes on the enclosed listing (reductions in practically all such changes) and that the prices given are official as of January 1, 1961. The prices as given on the listing replaces all previous prices.

M. H.

Feeding Dairy Cattle--Farmers Bulletin 2153. Again, those of us in vocational agriculture are indebted to Professor J. G. Cash for his thoughtfulness in securing and having mailed to each vocational agriculture teacher in Illinois a copy of Farmers Bulletin 2153 entitled "Feeding Dairy Cattle". All agriculture teachers in Illinois should have received their copy by this time. The University does not have a supply for filling additional orders; consequently, if you are interested in securing additional copies, we suggest that you write to whatever source you have been contacting in connection with securing other U. S. D. A. Farmers Bulletins.

M. H.

Circular 718 -- Weeds of the North Central States. The Information Office tells us that the revision of Circular 718 "Weeds of the North Central States" is now available. Since this is a revised edition, and since the cost per copy is \$1.00 each, copies were not included with the January Agricultural Releases.

Orders may be sent direct to the Information Office in which case payment should accompany your order, or may be sent to our office and then can be charged on your open account if you are a vocational agriculture teacher in Illinois or if you are a subscriber to Agricultural Releases. Copies are \$1.00 each, unless 10 or more are ordered, in which case the price is 80 cents each.

M. H.

Slidefilms--New. Slidefilm 731 "Planting Corn" and 300 "Illinois Farmers in a Growing Economy" have been completed within the last month. Slidefilm 731 is a black and white print consisting of 55 single frames and copies were sent to those who requested this as a part of their advanced orders on slidefilms. Shipment was made the latter part of December. Prints of slidefilm 300, which is a color film, consisting of 37 frames were shipped to advanced order subscribers on December 12. Others interested in ordering may secure prints of 731 at \$1.89, f. o. b. Urbana and prints of 300 at \$2.95, f. o. b. Urbana. These items are listed on the tear sheet for the convenience of those wishing to order.

M. H.

Standards for Measures of Efficiency for 1960. This multilith of 6 pages is the up-to-date revision of those that have been used in previous years. Copies were included with the January Agricultural Releases and are available upon request to Vocational Agriculture Service at 5 cents each, f. o. b. Urbana. This item is listed on the tear sheet for the convenience of those wishing to order.

M. H.

The Farm Problem--What are the Choices? Sufficient copies of this series of 13 releases were obtained so that one set could be included with each mailing of Agricultural Releases. This is the set of releases referred to in the article beginning on page 21 of the October 1960 "Better Farming Methods". We understand that the Extension Service has a limited supply of those releases remaining and so long as copies are available, teachers will be sent up to 5 copies at 25 cents per set. If you wish to order those through our office in order to have the charge made against your open account, you will find this item listed on the tear sheet.

M. H.

NEW BOOKS

Only one book has been added to our library since the last issue of the AIDS. Any of the books that we list are available for review in our office by those who are interested therein. Further, as long as the editions are current, the books will be included in such exhibits as the one made at the Annual Conference of Vocational Agriculture teachers, and the like.

Teachers who are interested in securing a copy for their own use, should write direct to the publisher.

USING COMMERCIAL FERTILIZERS. 1960. \$3.75. Malcolm H. McVickar. Interstate Printers and Publishers, 19-27 North Jackson Street, Danville, Illinois.

The following is taken from the preface to the second edition:

"Nine years have elapsed since the publication of the first edition of USING COMMERCIAL FERTILIZERS. In that short period, advances in fertilizer technology, manufacturing processes, and techniques of fertilizer application have contributed to a more efficient agricultural production. . .

"With each passing year, increased emphasis is placed on the efficiency of "unit cost of production" on the farm--cost per bushel, ton, crate, or other unit of measure. High prices of land, labor, taxes, and other fixed items of farm production have necessarily focused attention on a tightening of efficiency in farming operations. . .

"New chapters covering special uses for fertilizers, fertilizer-pesticide mixtures, fertility-moisture relationships, and the economics of fertilizers have been added. The chapter on fertilizer application equipment has been expanded and two other new chapters on "Chemical Sources Versus Organic Sources of Plant Nutrients" and "Lease Arrangements Involving Fertilizer Use" offer a more complete picture of fertilizers in present-day agricultural operations."

TO: Vocational Agriculture Service - 434 Mumford Hall - Urbana, Illinois

Please send the following items.

_____ Circular 718 - "Weeds of the North Central States" @ \$1.00 ea.
(10 or more copies @ .80 each)

_____ Slidefilm 300 @ \$2.95 - color film, f. o. b. Urbana

_____ Slidefilm 731 @ \$1.89 - black and white, f. o. b. Urbana

_____ Standards for Measures of Efficiency for 1960 @ 5 cents per copy, f. o. b.

_____ The Farm Problem--What are the Choices? @ 25¢ per set, f. o. b. Urbana

Teacher

School

INDEX TO ITEMS IN VO-AG SERVICE SECTION

	<u>Page</u>
Area Dairy Days	6
Circular 718 -- "Weeds of the North Central States"	9
Dairy Calf Sale -- February 25, 1960	5
Farm Structures Course	7
Feed Prices	Inside back cover
Feeding Dairy Cattle - Farmers Bulletin--2153	8
F. F. A. Roadside Signs	8
I. S. H. I. A. Annual Meeting	5
Listing of Vocational Agriculture Service Items as of January 1, 1961	8
New Books	10
Regarding Help Wanted	7
Slidefilms--New	9
Social Security - item related thereto	5
Standards for Measures of Efficiency	9
The Farm Problem--What are the Choices?	9

N O T E

The ones in the Animal Science Department that ordinarily prepare the feed prices for the monthly issues of the AIDS are away until after the first of January. Apparently the feed prices were not prepared before leaving. Consequently, we are unable to include feed prices with this issue. If possible, we will include feed prices for both months in the February issue. Those requiring the feed prices before the February AIDS can possibly use those from the December issue or perhaps can secure the prices needed from local sources.

Vocational Agriculture Service
434 Mumford Hall
Urbana, Illinois

VOCATIONAL AGRICULTURE SERVICE

University of Illinois · College of Agriculture

434 MUMFORD HALL · URBANA, ILLINOIS

SERIALS DEPARTMENT
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SSHL

NOTE

Since the 4" x 6" cards, listing and describing our items, will not be ready for distribution before June, we have prepared the following listing. We hope it might meet your needs until our card listing becomes available. If additional information is needed regarding items hereon, please do not hesitate to contact us. Voc-Ag. Service, 434 Mumford Hall, Urbana, Illinois

Items	Price ^{1/}	Items	Price ^{1/}
Agricultural Releases ^{2/} ---school year 1961-62	Max. \$10.00	Safety in the Voc-Ag. Shop	
Agronomy Facts:		Safety Practices in the Voc-Ag. Shop, per set	.05
Volume II	1.00	Safety Rule Charts, per set	1.25
Volume III	1.00	Student Tests on General Shop Safety, per set	.05
Volume IV	1.00	Slidefilms - See Attached Sheet	
Volume V	1.00	Slidefilm Containers, each	.03
Volume VI	1.00	Slides: ^{3/ 4/}	
Analysis Charts and Tabulation Sheets:		Set I--15 slides of weeds	3.30
Analysis charts for crops -- pack of 14	.10	Set II--15 additional slides of weeds	3.30
Analysis charts for livestock -- pack of 14	.10	Set III--12 slides of crops	2.65
Tabulation sheets for crops -- pack of 7	.05	Set V--17 additional slides of weeds	3.75
Tabulation sheets for livestock -- pack of 7	.05	Set VI--12 additional slides of crops	2.65
Set of instructions and sample charts	.05	Small Engine Tools: ^{3/}	
Approved Practices		Complete Kit	9.10
For Corn	.04	Individual Items:	
For Swine	.05	Magnetic key inserter	1.25
Bluebook of Public Speaking (Tenn.)	.10	Piston ring compressor	1.10
Blueprints for bolt rack, tool cabinet, revolving device, each	.30	Piston ring expander	1.55
Calendar of Events (for school year 1961-62)	.15	Valve grinder	2.40
Careers in Agriculture, Univ. of Ill.	.25	Valve lifter and spring compressor	2.80
Color Charts, Munsell		Soil Monolith Items:	
Color Chips for making soil color charts (per set--unmounted)	2.75	Aluminum tubing for making soil cutters--per ft.	1.50
Notebook Cover	1.50	Instruction Sheet for Making Soil Monoliths	.05
Concrete Kit Items: ^{3/}		Soil cutter for making monoliths	.85
Complete Kit (Includes 5 sets of forms, breaking machine with scale, 5 mixing pans, 5 measuring cups, 5 small trowels)	38.70	Soil Testing Items:	
Individual Items:		Soil Acidity Test Chart	.15
Breaking machine with scale	17.25	Measuring Spoons	.50
Forms, Sets of--per set	3.15	Vial Racks	.25
Measuring cups--each	.40	Soil Texture Standards--set of 5	.40
Mixing pans--each	.80	Standards for Measures of Efficiency, 1960	.05
Trowels, Small--each	.25	Suede Paper--27" wide. Per yard	.25
Cumulative Record Books:		Tape Recordings: New tape furnished	3.50
For Farm and Home Electrification	.05	Dubbed on your tape	1.50
For Farm and Home Safety	.05	Chemical Weed Control	
For Farm Mechanics	.05	*Christmas Tree Production	
Electric Motors for Farm Use	.35	Deep Tillage	
Farm Record Material:		Effect of Micro-organisms in the Soil	
Illinois Farm Record Book--Part I 1-4 pages	.40	Fall and Winter Application of Nitrogen	
5 or more	.35	Guideposts for 100 bushel Yields of Corn	
Illinois Farm Record Book--Part II 1-4 pages	.25	How and Why Soils Differ	
5 or more	.20	Insect Control in Field Crops and Stored Grain	
Key for Problem	.50	Leaf Feeding and Foliar Fertilization	
Problem for use with Farm Record Books	.10	Liquid Fertilizers	
Fertilizer Samples, per set	.60	Long-Range Soil Fertility Programs	
Filing Materials, Box of	5.00	Minimum Tillage	
Extra cards--per package of 100	.25	Soil Acidity and Liming	
Illinois Scoring System Cards	.15	*Soil Moisture	
Judging Cards and Supplies. Per thousand	3.00	Soil Nitrogen and Nitrogen Fertilization	
Land Use Selection Cards. Package of 25	.25	*Made to accompany slidefilms with same title.	
Parliamentary Procedure		Tool Holders	.05
Beginning Steps in Parliamentary Practices	.06	Tractor Maintenance Items: ^{3/}	
Guide to Parliamentary Practices	.25	Complete Kit	26.25
Ladder Charts--per set	1.00	Individual Items:	
Planning Your Farm Business	.25	Battery cell tester	3.25
Problem Illustration For Planning Your Farm Business	.10	Battery hydrometer	1.35
Revolving Jar Holders and Supplies		Compression tester	4.95
Revolving device with 36 - 14 oz. jars	7.00	Flat feeler gauge (6 inch, 9 leaf)	.60
Revolving device with 48 - 4 oz. jars	5.25	Ignition wrenches, set of 15	2.95
Carton of 12 - 14 oz. jars and covers	1.25	Spark-plug gap gauge (wire type)	.40
Carton of 48 - 4 oz. jars and covers	2.80	Spark-plug wrenches, 2 (14mm, and 18 mm.)	.70
		Speed Indicator	2.50
		Timing light	3.96
		Tire pressure gauge (tractor type)	1.15
		Vacuum gauge	5.98
		Units - See Attached Sheet	
		Welding Plans--per set of 27	.20
		Wiring supplies, 100 Boxes of	10.00 to 50.00

^{1/} All prices given are F. O. B., Urbana unless otherwise stated.

^{2/} For further details relating to Agricultural Releases, deadline dates relating thereto, etc., write Voc-Ag. Service.

^{3/} Primarily ordered on the basis of Composite Orders. Write if interested in further information related thereto.

^{4/} If interested in the slides for any one kit, write for information.

LIST OF SUBJECT MATTER UNITS AVAILABLE FROM VO-AG SERVICE AS OF JANUARY 1, 1961

Unit No.	Title	No. Pages	Unit No.	Title	No. Pa
1001	Caring for the Sheep Flock During Breeding and Gestation	8	3001	Using the Oxy-Acetylene Flame in Farm Construction and Repair	24
1002	Artificial Insemination	8	3002	Farm Metal Work	24
1003	Selecting and Purchasing Sheep	8	3003	Wiring the Farmstead for Electricity	32
1004	Diseases of Sheep	12	3004	Arc Welding	40
1005	Internal Parasites of Sheep	8	3005	Sharpening Hand Tools	16
1006	External Parasites of Sheep	8	3006	Selecting Lumber and other Building Materials	12
1007	Capon and Caponizing	8	3007	Making and Using Concrete on the Farm	16
1008	Testing Milk for Butterfat	8	3008	Farm Tractor Tune-Up	12
1009	Improving Animals Through Breeding	16	3009	Use of the Square in Farm Construction	20
1010	Producing Beef Cattle from a Beef Breeding Herd	8	3010	Farm Surveying	16
1011	The Ewe and Her Lamb	8			
1012	Buying and Feeding Beef Cattle	12	4001	Collecting and Preparing Soil Samples For Testing	4
1013	General Facts on Livestock Feeding	8	4002	Testing Soils for Acidity	4
1014	Poultry Lice and Mites	8	4003	Testing Soils for Phosphorus	4
1015	Internal Parasites of Poultry	8	4004	Testing Soils for Potassium	8
1016	Baby Chicks	8	4005	Nature of Soil Acidity and Major Plant Nutrients	4
1017	Culling the Laying Flock	8	4006	Using Limestone to Correct Soil Acidity	4
1018	Minerals for Livestock	8	4007	Using Phosphorus Fertilizers	4
1019	Judging Livestock	24	4008	Using Potassium Fertilizers	4
1020	Feeding Dairy Cows	12	4009	Using Nitrogen Fertilizers	8
1021	Raising Dairy Calves	12	4010	Probable Responses from Use of Fertilizers	8
1022	Raising Dairy Heifers and Bulls	8	4011	Hunger Signs -- A Guide to Soil Improvement	10
1023	Classes and Grades of Livestock	12	4012	Maintaining Organic Matter in the Soil	8
1024	Beef Cattle Breeds	12	4013	Animal Manures on the Farm	8
1025	The Cow's Udder and How It Functions	12	4014	Improving Permanent Pastures	8
1026	Digestion in Animals	8	4015	Growing Red Clover	12
1027	Feeding Lambs	8	4016	Growing Ladino Clover	8
1028	Managing the Dry Dairy Cow	4	4017	Growing Sweet Clover	12
2001	Farm Planning for Long-Time Profits	8	4018	Farmstead Windbreaks	8
2002	Taking an Inventory of Farm Resources	16	4019	Seed Treatments	4
2003	Planning a Sound Land Use Program	16	4020	Plants Poisonous to Livestock	16
2004	Principles of Field Arrangement	12	4021	Grass Waterways	8
2005	Coordinating the Cropping System, Soil Conservation Practices, and Field Layout	12	4022	Inoculation of Legumes	4
2006	Selecting the Crops to Grow	12	4023	Growing Oats	8
2007	Estimating Crop Production	8	4024	Planting and Care of Farm Forests	16
2008	Farm Record Keeping	16	4025	Controlling Diseases of Vegetable Crops	12
2009	Using the Illinois Farm Record Book	8	4026	Growing Barley	8
2010	Planning the Soil Fertility Program	12	4027	Growing Winter Wheat	16
2011	Choosing a System of Farming	8	4028	Soil Structure	8
2012	Selecting the Livestock Enterprises	8	4029	Soil Color	8
2013	Planning for Adequate Size Business	8	4030	Soil Texture	8
2014	Planning the Livestock System	8	4031	Treating Fence Posts	8
2015	Completing the Soil Fertility Plans	8	4032	Growing Alfalfa	16
2016	Marketing Farm Products	8	4033	Growing Soybeans	8
2017	Mechanics of Land Transfer	12	4034	Controlling Pests of Home Fruits	4
2018	Legal Problems of the Farmer	20	4035	Selecting and Preparing Soybeans for Seeding	8
2019	Getting Started in Farming is Hard	8	4036	Contouring	8
2020	The Rural Community and Its Development	8	4037	Controlling Giant Foxtail	4
2021	What Factors Affect Prices of Farm Products	12	4038	Terracing	16
2022	Taxation and the Farmer	12	4039	Planting Corn	8
2023	Marketing Dairy Products	8			
2024	The Use of Credit to Increase Farm Earnings	8			
2025	Credit Needs on the Farm	12			

1-49 pages - 2¢ per page - F. O. B. , Urbana
 50-999 pages - 1¢ per page - F. O. B. , Urbana
 1,000 or more pages - 3/4¢ per page - F. O. B. , Urbana

FILM NO.	TITLE	Price Single Frame	FILM NO.	TITLE	Price Single Frame
<u>ANIMAL HUSBANDRY</u>					
100	Selecting Beef Breeding Animals	\$.12	451	Arc Welding--Learning to Run a Bead	.58
120	Feeding for Egg Production	.88	452	Arc Welding--Welding in Different Positions	1.04
141	Shearing Sheep	.80	450-452	Learning Farm Welding with the Arc Welder (set of 3)	2.15
142	Breeds of Sheep	1.33	454	Assembling and Testing Equipment--Lighting and Turning Off the Blowpipe	.83
143	Selecting Sheep	1.06	455	Cutting Steel, Piercing Holes, and Bronze Welding	.89
167	External Parasites of Swine	.60	456	Fusion Welding, Hard Surfacing, Tempering, Forming, Bending, and Straightening	.90
180	Fitting, Training, Grooming, and Showing Beef and Dairy Calves	1.25	454-456	Use of the Oxy-Acetylene Flame (set of 3)	2.61
181	Identification of Kinds of Meat (color)	1.27	457	Welding Cast Iron with the Arc Welder	.65
182	Identification of Cuts of Pork (color)	2.18	458	Hardsurfacing Farm Equipment with the Arc Welder	.53
183	Identification of Cuts of Beef (color)	1.89	459	Heating, Brazing, Soldering, and Cutting with Arc Welding Equipment	.56
184	Identification of Cuts of Veal (color)	1.60	**460	The Joinder--How to Use It Safely (color)	2.88
185	Identification of Cuts of Lamb (color)	1.35	480	Identification of Pipe and Fittings	.99
181-185	Meat Films (Complete Set)	7.00	494	Use of Color in the Farm Shop (color)	1.25
186	Preventing Loss When Handling Livestock	.50	495	Part 1. Building a Woven Wire Fence	1.00
<u>DAIRY HUSBANDRY</u>					
2010	Winter Feeding of Dairy Cattle	1.20	496	Part 2. Special Fencing Problems	.76
206	Testing Milk for Butterfat	.54	495-496	Good Fencing for Better Farming (set of 2)	1.60
207	Selecting Dairy Cattle	1.15	<u>FORESTRY</u>		
**208	The Cow's Udder and How It Functions	1.18	501	The Farmstead Windbreak	1.29
<u>FARM MANAGEMENT AND ECONOMICS</u>					
**330	Ill. Farmers In A Growing Economy (color)	2.95	503	Christmas-tree Production (color)	3.75*
330-60	Farm Appraisal	2.83	<u>SOILS AND CROPS</u>		
340	The Illinois Crop-Share Cash Farm Lease	1.11	703	Collecting and Preparing Soil Samples for Testing	.45
350	Starting to Keep Records (color)	2.54	704	Testing Soils for Acidity and Interpreting the Test	.44
351	Keeping Records Up-to-Date (color)	2.81	705	Testing Soils for Available Phosphorus and Interpreting the Test	.71
**352	Summarizing and Analysing Records (color)	4.10	706	Testing Soils for Available Potassium and Interpreting the Test	.59
<u>FARM MECHANICS</u>					
4010	Diagramming for Electrical Wiring	.69	707	Estimating Probable Responses from the Use of Limestone and Fertilizer	.51
4040	Recognizing the Items in the Vo-Ag Electrical Loan Box--Unpacking and Repacking the Box	1.00	T709	How and Why Do Soils Differ?	.88
412	Part 1. Magnetism & D.C. Motor	.44	T710	Soil Moisture	.50
413	Part 2. Induction & A.C. Motor	.48	712	Soil Structure	1.82
414	Part 3. Testing and Identifying Leads; Connecting and Reversing	.53	**713	Soil Texture	2.40
415	Part 4. Trouble Shooting	.84	730	Methods of Sealing and Crossing Corn	.64
412-415	Electric Motors (Complete Set)	2.10	**731	Planting Corn	1.89
423	Selection and Application of Galvanized Roofing and Siding	.70	743	Alfalfa Culture and Management (color)	2.25*
430	Concrete Masonry	.67	744	Alfalfa Insects (color)	2.25*
432	The Use of Welded Wire Fabric on the Farm	.66	790	Preparing and Using Soil Monoliths	1.83
441	Care, Operation and Adjustment of Mowers	.81	<u>MISCELLANEOUS</u>		
450	Arc Welding--Equipment and Fundamentals of Welding	.53	1002	Principles of Breeding	.59
<u>FARM MECHANICS(continued)</u>					
451	Arc Welding--Learning to Run a Bead	.58	1003	Using Warfarin in Controlling Rats and Mice	.54
452	Arc Welding--Welding in Different Positions	1.04	1004	Program of Vocational Agriculture in Illinois High Schools	1.38*
450-452	Learning Farm Welding with the Arc Welder (set of 3)	2.15			
454	Assembling and Testing Equipment--Lighting and Turning Off the Blowpipe	.83			
455	Cutting Steel, Piercing Holes, and Bronze Welding	.89			
456	Fusion Welding, Hard Surfacing, Tempering, Forming, Bending, and Straightening	.90			
454-456	Use of the Oxy-Acetylene Flame (set of 3)	2.61			
457	Welding Cast Iron with the Arc Welder	.65			
458	Hardsurfacing Farm Equipment with the Arc Welder	.53			
459	Heating, Brazing, Soldering, and Cutting with Arc Welding Equipment	.56			
**460	The Joinder--How to Use It Safely (color)	2.88			
480	Identification of Pipe and Fittings	.99			
494	Use of Color in the Farm Shop (color)	1.25			
495	Part 1. Building a Woven Wire Fence	1.00			
496	Part 2. Special Fencing Problems	.76			
495-496	Good Fencing for Better Farming (set of 2)	1.60			

*Available in double frame only.
**New or revised since September 1, 1960

Social Security and 1960 Amendments Related Thereto^{1/}

In this year, 1960, Social Security rounds out a quarter century of service to the American people. Going into the year 1960, there were fourteen million people receiving monthly checks from the Social Security Trust Fund. Due to the 1960 Amendments, signed by President Eisenhower on September 13, 1960, an additional one million persons became qualified for monthly checks. Comparing this with the first year that monthly checks were paid under this Social Security system in January, 1940, there were only twenty-five thousand persons receiving checks for that month which built later in 1940 at the close of the year to two hundred and twenty-two thousand persons receiving approximately four million dollars a month. Compared with the monthly payments including the 1960 amendments, there will be payments of approximately one billion dollars a month from the two Social Security Trust Funds, the regular trust fund for Old-Age and Survivors payments and the disability Trust Fund for payments to disabled workers and their dependents.

More than a little history and good thinking has gone into the formation of the social insurance system now in operation. The basic idea behind this formation was to replace the lost wage check of the worker with a monthly check in his retirement. This idea has been expanded to where now it covers all three of the major risks of losing earnings faced by a worker. This is the death of the worker, the disability of the worker, and the old-age of the worker, which is 65 for men and 62 for women.

The 1960 Amendments made the following groups eligible for monthly checks. Major among these was four hundred thousand people made eligible effective for the month of October, 1960, by the reduction in requirements for insured status. The 1960 Amendments reduced the requirements by approximately one-third of what it was before. The following is a table showing the requirements put into effect this year.

QUARTERS OF COVERAGE NEEDED

<i>Men</i>	<i>Year in which you were born</i>	<i>Women</i>	<i>Year in which you reach retirement age</i>	
1891 or earlier	1894 or earlier	1894 or earlier	1956 or earlier	6
1892	1895	1895	1957	8
1893	1896	1896	1958	9
1894	1897	1897	1959	10
1895	1898	1898	1960	12
1896	1899	1899	1961	13
1897	1900	1900	1962	14
1898	1901	1901	1963	16
1899	1902	1902	1964	17
1900	1903	1903	1965	18
1901	1904	1904	1966	20
1902	1905	1905	1967	21
1903	1906	1906	1968	22
1904	1907	1907	1969	24
1905	1908	1908	1970	25
1906	1909	1909	1971	26
1907	1910	1910	1972	28
1908	1911	1911	1973	29
1909	1912	1912	1974	30
1910	1913	1913	1975	32
1911	1914	1914	1976	33
1912	1915	1915	1977	34
1913	1916	1916	1978	36
1914	1917	1917	1979	37
1915	1918	1918	1980	38
1916 or later	1919 or later	1919 or later	1981 or later	40

Along with these, one hundred and twenty-five thousand disabled workers under age 50 will be entitled to monthly disability insurance checks for the month of November, 1960, on. Along with them, an equal number of their dependents will also be entitled. This includes their minor children and their wives.

Other major changes made twenty-five thousand people entitled to monthly checks for the month of October, 1960, on. These people include survivors of workers that died before 1940. Previous to 1960, no benefits were paid on the account of workers that had died before 1940. Of this last group, mostly aged widows and in some cases adult disabled children will be entitled (children disabled before their eighteenth birthday and still disabled).

The 1960 Amendments eased the relationship requirements for such relationships as wives, husbands and stepchild. (Prior to the 1960 Amendments, the duration of relationship of these groups had to be three years. With the 1960 Amendments this relationship must only exist for one year.)

In going back to the theme of celebrating the twenty-fifth anniversary of the Social Security Insurance System, it might be pointed out that the first twenty-five years were definitely a period of adjustment with major legislation coming almost every two years from the Congress. It is felt that in the next twenty-five years it will not be necessary for such major changes in the system and, therefore, when the fiftieth anniversary comes, we will probably not be celebrating with such changes as bringing an additional two million, or five million people under the system.

1/ Prepared by:
Charles H. Thompson
District Manager
Champaign District Social Security Office.

VO-AG AIDS

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AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

An Appraisal of the Importance of Agricultural Education by an Eminent General Educator. Teachers of agriculture, who sometimes wonder whether they are needed and appreciated, should be cheered by the comments of Dr. Walter D. Cocking, elder educational statesman, in Overview for January, 1961. Commenting on national goals and national purpose, much in the news these days, he discusses the relation of education to these goals and purposes.

"The problems education must resolve are real problems not imaginary ones," he says. "Among them are: How to grow sufficient food and fiber and distribute it efficiently to the ever increasing millions who need it." It is significant that he lists the problems with which agricultural education deals first among ten critical problems the nation faces. Later in the list he mentions "how to conserve soils and forests," another problem in our sector.

Overview goes to a large part of the nation's school administrators and to many school board members. Dr. Cocking retired as its editor a year ago. Prior to a long career as editor, he had been a local superintendent and a county superintendent in Iowa and dean of the colleges of education of the University of Kentucky and the University of Georgia.

HMH

Governor to Address Adult Education Conference. Establishing a precedent for Illinois governors, Governor Otto Kerner will speak at the annual meeting of the Illinois Adult Education Association at Allerton House during its two-day meeting, April 21 and 22, 1961. The Governor has indicated otherwise his interest in adult education.

HMH

Named to Reviewing Committee. H. M. Hamlin will spend January 26 and 27 in Washington, D. C. as a member of a group of 12 asked by the U. S. Office of Education to review the recommendations of the White House Conference on Aging, conducted there the week of January 9, which relate to education. The national conference received from the the state conferences 1, 352 recommendations which bore directly on education.

HMH

Campus Adult Education Group. Interest in adult education is rising on the University of Illinois campus. A group interested in the University's role in this field has been meeting monthly for three years. About thirty members are on the mailing list;

fifteen to twenty are able to attend each meeting. The individuals comprising the group come from Extension in Agriculture and Home Economics, the Division of University extension, the Institute of Labor and Industrial Relations, the Library School, and the College of Commerce, Fine and Applied Arts, and Education. Mr. Alexander Lawson, State Director of Adult Education, and Mr. Robert Kozelka, Chief in Distributive Education, State Board of Vocational Education, are frequent visitors.

Last year the group was responsible for initiating the workshop in adult education conducted during the summer session. This year it is planning a long-term summer program with more offerings and a program which can be conducted during the school year, on and off campus. It hopes that the proposals it evolves will be fed into official university channels and that some of them will survive to become continuing parts of the university program.

Dr. L. J. Phipps of the Division of Agricultural Education will be Chairman of the group during the second semester, 1960-61.

HMH

Replanning Conference at Northern Illinois University. March 17, 1961 is the date of the fourth and last of the conferences on replanning agricultural education in the public schools. It will be held at Northern Illinois University. The program is jointly sponsored by that institution and the Division of Agricultural Education, University of Illinois. State supervisors serving the area will participate. Details will be mailed the teachers in the northeast quarter of the state well in advance of the meeting. Reserve now your own time and that of your administrator, your school counselor, one or more board members, and as many of your advisory committee as possible.

HMH

Placement Report. Two vacancies have been reported since the last placement report, both needing teachers by February 1. The only recent placement has been Robert Cicigoi, who was employed at Louisville (North Clay) High School.

One inexperienced teacher and two experienced teachers are available for placement.

Teachers who plan to consider other teaching positions during the coming placement season should get their credentials up-to-date immediately. The Placement Office can serve teachers well only if credentials are in order.

AHK



I A V A T NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

Your President wishes to thank every member of the IAVAT for making it possible for him to attend the AVA and NVATA Convention held recently at Los Angeles.

This is the sixth convention I have attended and I can see our NVATA assume greater stature among the organizations that count in this country. Our dues will be \$3.00 next year and that should make it an even better organization.

One of the best speeches given at the convention, was given by a County agent at the Allis-Chalmers breakfast.

Congratulations to Professor Melvin Henderson, for receiving the AVA Distinguished Service Award. Well deserved, to say the least. I believe Mr. J. E. Hill and Dr. Hamlin have also received the award. From my observations at the conventions, Dr. Hamlin is regarded as the Number 1 teacher-trainer in the United States (Texas and Russia of course, excepted).

Howard Cotter of Flanagan won the Thor scholarship in Farm Mechanics. His boy won the National Award. Congratulations.

Send me the nominees and qualifications of the Administrator you wish to recommend for the Award at our June Banquet. Send Joe Berger and Art Twardock the names of eligible 10-20-25-30 and 40 year men. They must have taught vocational agriculture in Illinois and paid their dues.

Keith

Get those meat and milk teams ready for a State Contest in September.

The sixty some agriculture teachers in the public schools in Los Angeles are making a full time job out of teaching horticulture, gardening, and home beautification - fields we stress very little.

INTRODUCING YOUR EXECUTIVE COMMITTEE

Charles N. (Nick) DeHart - District 3 Director --

"Nick" was born at Arthur, Illinois on April 11, 1910. He took vocational agriculture two years at Arthur graduating from high school in 1928. He attended the University of Illinois 1929-31, then worked with Pevely Dairy of St. Louis in the Arthur plant for three years. He returned to the University and received his B. S. Degree in 1935. He then taught one year at the New Holland High School, moved to Greenview in 1936 and taught until 1943.

He joined the Navy as a volunteer reserve and served in amphibious forces in Europe, participating in the Normandy invasion.

He received his Masters Degree from the University of Illinois in 1948, returned to Greenview to teach and is still there.

He married Ethel Gordon, of Lincoln, Illinois in 1938. They have two sons - David who is 17 and William who is 14. He is a member of the Christian Church, an Elder and Sunday School teacher. He has been a 4-H Club Leader for 20 years, a member of the county 4-H Committee, and has been a past president of Rotary.

He believes that a good agriculture teacher will try to impart to his students the fact that life is what you make it. With honest effort and desire to do a thing, you can succeed. Be fair, in advice and help to all -- be a part of the community and the high school faculty.

His notable accomplishments in the teaching field includes three American Farmers and thirty State Farmers, two-thirds of them now actively engaged in farming or related fields. His livestock, dairy, poultry, grain, meat, and milk teams have been in the top ten in the State. His team won the 1955 Duroc Contest. He won high individual in Senior judging and had the high Junior in that Contest.

"Nick" is a member of the U. S. Naval Reserve with the rank of Commander and is in ready reserve status.

His sideline is Berkshire hogs. His son David has had a first place winner at the Illinois State Fair for five years. Last year he sold gilts to the top Berk litter in the state.

AIDS, February 1961

LETTER TO THE EDITOR

Dear Editor:

For several years, I have been attending the meetings of the IAVAT when the election of officers take place. I feel the value of these meetings has been decreasing the past few years.

We try to teach boys in the F. F. A. to be democratic in their selection of officers, but do we practice that in the IAVAT? Are we so devoid of talent in the more than 500 teachers of vocational agriculture in Illinois that we have to select men who have one job uncompleted for a so-called better job? Why can't everyone serve out the appointed time for the job for which he was selected? I don't think it is necessary to select a man for President or Vice President, who has only served one year as a director. We have quite a few men in Illinois who have served quite capably as section chairmen and their two full years as director.

Another thing while I'm sounding off, lets contact all possible candidates for Vice President and President and ask them a few questions such as: Will your school administrator let you off for all of the meetings your office requires you to attend? Are you planning to leave the teaching field for another job? We have spent considerable money in the past sending men to conventions and suddenly they left the vocational agriculture teaching field. Of course all of this cannot be foreseen. It seems to me anyone who is angling for another job should be eliminated from consideration for a top job.

Lastly, I'd recommend to the Resolutions Committee or the Constitution Committee that we go on record as declaring anyone ineligible for District Director, Vice President, or President of the IAVAT unless he has served his full term for an office or committee to which he has been appointed or elected. Also, interrogate all potential candidates and ask them the questions mentioned in the previous paragraph.

This letter is nothing personal. I'm criticizing the process that has been followed too often in the past. Lets not have a 'closed shop' in the election of officers.

Sincerely,

A consistent dues payer

Editors Note: Lets hear from you on this subject, pro or con.

AIDS, February 1961

The following names have been submitted for service awards at the 1961 banquet of the I. A. V. A. T. If you discover any errors or your name has been omitted, please advise a member of the banquet committee -- Kenneth Knell, Kermit Esarey, Charles Schettler or Art Twardock.

10 Years

<u>Name</u>	<u>School</u>	<u>Address</u>
1. Talmadge H. Wimer	Abingdon Com. High School	Abingdon
2. C. M. Gowler	Webber Township High School	Bluford
3. Eldon E. Witt	Bradford Township High School	Bradford
4. Richard Grissom	Buckley-Loda Comm. High School	Buckley
5. Allan Utech	Cambridge Comm. High School	Cambridge
6. Eldon Behle	Elkhart Comm. High School	Elkhart
7. Herman McDonald	Fairfield Comm. High School	Fairfield
8. H. E. Cotter	Flanagan Comm. High School	Flanagan
9. Kenneth Webb	Goreville Twp. High School	Goreville
10. Herbert Kobler	Marion Comm. High School	Marion
11. David Hager, Jr.	Morton Twp. High School	Morton
12. Kenneth Anderson	Ottawa Twp. High School	Ottawa
13. Elmer G. Schuchmann	Red Bud Com. High School	Red Bud
14. Glenn Curl	Rochelle Twp. High School	Rochelle
15. William Hancock	Sandwich Comm. High School	Sandwich
16. Donald Schriefer	Sheldon Comm. High School	Sheldon
17. Robert Iftner	Shabbona Comm. High School	Shabbona
18. Rolla Mitchell	Villa Grove Comm. High School	Villa Grove
19. Ralph Twenhafel	Waverly Comm. High School	Waverly
20. James W. Guilinger	Williamsfield Comm. High School	Williamsfield
21. Richard C. Geiger	Woodhull High School	Woodhull

20 Years

1. Bernard L. Finley	Benton Cons. High School	Benton
2. Glen Diamond	Carbondale Comm. High School	Carbondale
3. T. R. Miller	Octavia Comm. High School	Colfax
4. James A. Webb	Dallas City Comm. High School	Dallas City
5. Charles H. Crowley	Gibson City Comm. High School	Gibson City
6. Carl S. Brock	Greenville Comm. High School	Greenville

20 Years (continued)

<u>Name</u>	<u>School</u>	<u>Address</u>
7. Eschol N. Gates	Mason City Comm. High School	Mason City
8. Lawrence L. Jones	Metamora Twp. High School	Metamora
9. Carl Gaston	Mt. Vernon Twp. High School	Mt. Vernon
10. Glen Shippy	Plano Comm. High School	Plano
11. Keith McGuire	Polo Comm. High School	Polo
12. Albert Bain	Saybrook-Arrowsmith Comm. H. S.	Saybrook
13. Albert Schutte	Taylorville Sr. High School	Taylorville
14. Carl F. Geissler	Warsaw Comm. High School	Warsaw
15. J. O. Newcomer	Wyanet Comm. High School	Wyanet

25 Years

1. Ray Dunn	Galesburg Sr. High School	Galesburg
2. L. E. Sadoris	Hinckley-Big Rock Comm. High School	Hinckley
3. C. J. Kuster	Normal Comm. High School	Normal
4. Roy Hefty	Orangeville Comm. High School	Orangeville

30 Years

1. E. J. Thompson	Harrisburg Twp. High School	Harrisburg
2. Burl A. Hocking	Central Comm. High School	Robinson

40 Years

1. L. T. Clark	East Richland Comm. High School	Olney
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VO-AG SERVICE

Announcements & Notes

To Teachers in Section 4. Please help! We have been told that our records are incomplete in that we have omitted the names of 5 teachers in the section who attended a one-day surveying course held in October 1958! We, of course, have information in regard to the one-day course held at Alexis on September 17, 1960. Can any teacher(s) help us? If it was held in 1958, information regarding it must be in the file of Professor Matthews and we do not know where to find the information.

M. H.

Soils of the North Central Region - North Central Regional Bulletin 76. A folder giving information regarding the regional publication was included with the February Agricultural Releases. The folder gives information as to the contents of the publication as well as the price and addresses from which copies can be obtained. We will send copies of the folder free, upon request, as long as the supply will permit. Copies of the publication are priced at \$2.00 each.

M. H.

Approved Practices - for Soybeans - For Oats. Copies of Approved Practices for Soybeans and of Approved Practices for Oats were included with the February Agricultural Releases. Each of these is a 4-page release. We ran a few additional copies and as long as the supply permits copies can be obtained from our office at 4 cents each, f. o. b. Urbana. Those who are not vocational agriculture teachers in Illinois or do not have an open account with our office, should remember our policy of requesting that payment, including postage, accompany orders totalling less than \$5.00. We are willing to accept stamps for amounts of \$1.00 or less.

M. H.

Lincoln Arc Welding Award. We assume that by this time our readers have received announcements from the James F. Lincoln Arc Welding Foundation relating to the \$15,000 Award Program for high school students. The information reached our office just after we had completed multilithing the material for the December issue. The closing date is June 12, 1961. Those who have not received the announcement and are interested in doing so, can send their request to C. G. Herbruck, Secretary, The James F. Lincoln Arc Welding Foundation, Cleveland 17, Ohio.

M. H.

AIDS, February 1961

Judging Contest Rules. The announcements and rules for the 1961 Illinois Judging Contests will be sent to vocational agriculture teachers on or before February 15. If you do not receive yours by the end of February, please let us know.

Please note that the Meat and Milk Products Contests will be held again next fall (Sept. 30) on the same day as the first University of Illinois home football game. The list of rings, fees, time and place of registration and judging, etc., are all given in the rules.

W. H. W.

Extramural Courses - Second Semester. Presumably all Illinois vocational agriculture teachers have received their copy of the letter from Dean Gardner under the date of December 21, 1960. The first two paragraphs of that letter reads as follows --

"The College of Agriculture will offer the courses listed below on an extramural basis during the Second Semester 1960-61 provided sufficient numbers of students register. It will be necessary to have fifteen students registered in an extramural course in order to offer it.

"We would appreciate it greatly if you could circularize your 'clientele' in your next newsletter concerning these offerings. It will require the most thorough circularizing of this information in order to assure sufficient numbers to offer the course. We solicit your assistance in assuring these course offerings."

Possible courses were listed as follows --

<u>Place</u>	<u>Course and Title</u>	<u>Instructor</u>	<u>First Class Meeting</u>
Jacksonville H. S.	Plant Path. 377 - Diseases of Field Crops	Michael Britton	9:00 a. m. Sat., Mar. 1
Benton Farm Bureau Bldg.	Rural Soc. 317 (same as Soc. 317) - Rural Community Organization & Analysis	C. L. Folse	6:30 p. m. Mon., Feb. 13
Pekin High School	Agron. 306 - Fertilizers & Their Soil Reaction	L. T. Kurtz & S. W. Melsted	9:00 a. m. Sat., Feb. 11
Edwardsville Farm Bureau Building	Farm Mgt. 324 - Farm Operation	R. VanArsdall	6:30 p. m. Thurs., Feb. 9
Springfield H. S. 101 S. Lewis St.	Ag. Econ. 305 - Ag. Policies & Programs	W. N. Thompson	7:00 p. m. Tues., Feb. 14

M. H.

AIDS, February 1961

Slidefilms 436 and 437. These two single frame black and white slidefilms were not on the list of films that could be checked by those placing advanced orders for 1960-61 slidefilms. They were developed primarily for use in connection with the surveying kits but may, of course, be of additional use. Their titles, prices, etc., are as follows --

436 - Using the Steel Tape	\$1.03
437 - Recording the Field Notes	\$1.00

The negatives have been completed but we will place orders for prints on the basis of the number of orders on hand as of February 15. Securing prints and filling orders will probably require about 2 weeks; consequently, we assume it will be about March 1 when prints are mailed from here.

NOTE. If you are one who placed an advanced order for 1960-61 slidefilms, you were sent a special letter about these films. This was sent by first-class postage on January 23, and had a place to sign and return if you wished prints of either (or both) at the discounted prices of 73 cents and 70 cents, respectively. Do not order these on both the letter and the tear sheet accompanying this issue of the AIDS. If you do, it will only be an accident if we catch the duplication. Consequently, ordering on the letter and on the tear sheet will probably result in your getting duplicate shipments.

M. H.

The Operation Care and Repair of Farm Machinery. Through the cooperation of Deere and Company, we were given sufficient copies of the latest (28th) edition of "The Operation Care and Repair of Farm Machinery" so one could be included with each mailing of February Agricultural Releases. We understand that this will be the last edition of this publication and that Deere and Company have a few thousand copies that they are willing to distribute free to those who could use copies to advantage.

If any of our readers wish copies, we suggest that they write to G. W. Charlesworth, Deere & Company, 3300 River Drive, Moline, Illinois, and indicate the number of copies needed. Since this may your last chance to get copies, vocational agriculture teachers may especially be interested in securing some for their libraries as well as copies for distribution to members of their all-day adult and young farmer classes that they think can use copies to advantage. Copies are available for out-of-state readers as well as for those in Illinois.

M. H.

Corn Pre-Emergence Weed Control Clinics. Mr. S. E. Ainsworth of Geigy Agricultural Chemicals, tells us that numerous Illinois vocational agriculture teachers have inquired as to the dates of the clinics mentioned on the sheet accompanying the January AIDS. It is true that we did not include the dates, locations, etc., of out-of-state meetings, but one side of the sheet carried the complete list of locations, dates, etc., for the 36 meetings included in the announcement sent to us by Mr. Ainsworth. Out-of-state readers interested in clinics in their area, or in additional information regarding those, should write Mr. S. E. Ainsworth, Geigy Agricultural Chemicals, 724 North Spring Street, Elgin, Illinois

M. H.

AIDS, February 1961

Weed Slides Ellery Knake, now Assistant Professor of Crops Extension, Agronomy Department, tells us that additional weed slides are now available. He will allow Vocational Agricultural Service to make duplicate masters from which we can have slides made to fill orders. Orders will be handled on a composite basis as in the past. We will place our first order March 1, 1961. The next order will not be placed until sometime next summer. The 15 weeds that will be included in the set are:

Bouncingbet	Prairie rose
Bedstraw	Prickly sida
Cocklebur	Prostrate pigweed
Hedge mustard	Purslane
Marestail	Snow-on-the-mountain
Wirestem muhly	Sunflower (wild)
Pigweed	Witchweed
Poison ivy	

Sets will be \$3.30, f.o.b. Urbana and are listed on the tear sheet accompanying this issue of the AIDS.

M. H.

Principles of Farm Management. Professor H. C. M. Case, formerly head of the Agricultural Economics Department, has given us the following information --

"The text Principles of Farm Management by Case and Johnston has been revised with many sections completely re-written with the use of more recent data under the authorship of Case, Johnston, and Buddemeier.

The book emphasizes the farm planning approach to farm management. It is a good reference book for Smith-Hughes teachers. It is published by J. B. Lippincott Company, 333 West Lake Street, Chicago 6, Illinois

H. C. M. C. / M. H

Slidefilms - New. Slidefilms 713 "Soil Texture", 352 "Summarizing and Analysing Records", and 460 "The Jointer and How to Use It Safely" have been completed within the last month. Slidefilm 713 is black and white and consists of 85 frames; slidefilm 352 is in color and consists of 72 frames; and slidefilm 460 is discussed elsewhere in this issue. The three films were mailed to advanced order subscribers during the month. Others interested in ordering may secure prints of 713 at \$2.40, f.o.b. Urbana and 352 at \$4.10, f.o.b. Urbana. These are listed on the tear sheet for the convenience of those wishing to order.

Slidefilm 460 - The Jointer and How to Use It. Prints of this slidefilm have already been sent to those who checked it on their blank dealing with advanced orders for slidefilms. This single frame slidefilm of 36 frames is in color and is priced at \$2.88, f.o.b. Urbana. Of course, those ordering it as a part of their advanced order for slidefilms will be allowed a 30% reduction in price.

Slidefilm 460 -- continued.

Because of the number who checked other films in this series, we believe that due to the way the blank was set up some teachers who wanted this film failed to check it. If there was a misunderstanding in this regard we are willing to do our part to correct the situation. Consequently, if you have an advanced order for slidefilms for 1960-61 and failed to check this film as one you would accept (and if you do want a print at the discounted price of \$2.02) please indicate on the tear sheet that you have an advanced order for slidefilms.

M. H.

Electric Motor Kits - Changes in Power supplier representatives in various vocational agriculture sections. Wayne Jones, Chairman of the Vocational Agriculture Committee of the IFEC has given us a list of changes in representatives in charge of the electrical motor kits in the various sections. We are including below the sections in which there are changes from the list as given in the November AIDS.

<u>Section</u>	<u>Name</u>	<u>Firm Represented</u>
3	Robert J. Brodell	Iowa-Illinois Gas and Electric Company Rock Island
	LeRoy Hard	Illinois Valley Electric Cooperative, Inc., Princeton
6	Harlan Baker	Public Service Company, Division of Commonwealth Edison, Northbrook
	A. C. Petit	Public Service Company, Division of Commonwealth Edison, Belvidere
	Rino Stefoni	Public Service Company, Division of Commonwealth Edison, DeKalb
7	R. J. Busgen	Illinois Power Company LaSalle
8	Marion Welles	Vo-Ag Instructor Yorkville
10	C. C. Benbow	Central Illinois Public Service Company Watseka
14	Roy Goode	Rural Electric Convenience Cooperative Co. Auburn
	Warren Messett	Central Illinois Public Service Company Petersburg
	W. G. Frantzreb	Central Illinois Light Company Springfield
17	C. C. Shaw	Central Illinois Public Service Company Paxton
	C. M. Anderson	Eastern Illinois Power Cooperative Paxton
24	Mace Parker	Central Illinois Power Service Company Carbondale, Illinois

AIDS, February 1961

Helps on Rural Safety Programs D. F. Alverson, President of the Illinois Rural Safety Council for 1961, has asked members of the council to, among other things, assist vocational agriculture teachers who are interested in developing programs in Rural Safety. If you need a speaker, films or other aids for a safety program, you may be able to get help through the individual who has been assigned to work with teachers in your area. The names and addresses of those assigned to work in each of the vocational agriculture sections are as follows:

- | | |
|---|--|
| (1) D. F. Alverson
Farm Underwriters Association
304 N. Main Street
Rockford, Illinois | (11) Earl Heacock
Central Ill. Public Service Co.
Illinois Building
Springfield, Illinois |
| (2) Willis Smith
Director of Safety and Training
Illinois Farm Supply Company
100 E. Ohio Street
Chicago 11, Illinois | (12) William J. Kuhfuss, President
Illinois Agricultural Association
Mackinaw, Illinois |
| (3) Cliff Lant, Farm Editor
Moline Dispatch
Moline, Illinois | (13) Dean Searls, Manager
Adams Electric Cooperative
Camp Point, Illinois |
| (4) To be assigned | (14) Clarence W. Kleckner
Illinois State Grange
308 Central National Bank Bldg.
Rockford, Illinois |
| (5) Charles A. Snavely, Exec. Secy.
Illinois Retail Farm Equip. Assn.
3500 N. Adams St.
Peoria 2, Illinois | (15) To be assigned |
| (6) F. G. Westermann
Illinois State Grange
508-1/2 S. State Street
Belvidere, Illinois | (16) Wayne D. Jones
Illinois Power Company
500 S. 27th Street
Decatur, Illinois |
| (7) W. H. Prince, Div. Mgr.
Public Service Co. of Illinois
Northern Division
919 First Street
Dixon, Illinois | (17) R. W. Alsip, Secretary
Illinois Firemen's Assn. - Box 8
Champaign, Illinois |
| (8) Emmett T. Cox
Western Actuarial Bureau
Senior Field Officer - Box 1089
Chicago, Illinois | (18) To be assigned |
| (9) Bruce Dennis, Program Mgr.
Radio Station WGN
441 N. Michigan Avenue
Chicago 11, Illinois | (19) Vernon Grant, Secy. -Treas.
Illinois Farm Union
Sullivan, Illinois |
| (10) Ward Cross
Country Mutual Casualty Company
43 E. Ohio St.
Chicago 11, Illinois | (20) Dorsey Kirk, President
Illinois Grange
Oblong, Illinois |
| | (21) To be assigned |
| | (22) W. E. Parsons, Secretary
Mississippi Valley Farm Equip.
Association
211 DeSoto Building
St. Louis 1, Missouri |

Helps on Rural Safety Programs. (continued)

- (23) Owen Smith
Safety Director
Country Mutual Casualty Company
43 E. Ohio Street
Chicago 11, Illinois
- (24) Professor J. J. Paterson
Department of Agricultural Engineering
Southern Illinois University
Carbondale, Illinois
- (25) Fred Highland
Farm Equipment Institute
608 S. Dearborn Street
Chicago, Illinois

It is only recently that Mr. Alverson has written members who are to work with the teachers. Since it is a new undertaking, it probably will require time for the plan to function the most effectively. We believe the plan can be of most help to those interested in promoting local, rural safety programs. If you have problems that cannot be worked out with your local committee member, or if that individual is not able to give you the information or help needed, we suggest you contact the president of the Illinois Rural Safety Council. His address is as follows --

Farm Underwriters Association
American Insurance Company Building
304 North Main
Rockford, Illinois

M. H.

Seed Cleaner - for loan. Vocational Agriculture Service has a seed cleaner that we will consider loaning to a vocational agriculture department in Illinois that can use it to advantage. Since it is government property, loaned to us, we can only loan it to a school although we assume it may be loaned rather "permanently".

The following information is on a plate attached to the cleaner --

Federal dockage tester - designed by the:
Bureau of Agr. Ec.
U. S. Dept. of Agriculture
Mgf. by:
Leach Company
Oshkosh, Wisconsin
Machine #52

We have 7 screens for use with the cleaner. You will need at least a 1 H. P. electric motor for operating the machine. Any department interested should contact us at once.

M. H

Swine and Dairy Days (SIU). We have been given information to the effect that Swine Day at Southern Illinois University is to be February 13 and Dairy Day is to be March 7. We understand that teachers in southern Illinois will receive additional information, including programs. Any who do not receive this information and are interested in doing so can obtain copies by writing to the School of Agriculture, Southern Illinois University, Carbondale, Illinois.

H. P. /M. H.

Report on Adult and Young Farmer Classes. The Springfield Office has given us sufficient copies of a 7-page release listing adult and young farmer classes so that a copy can be stapled with each issue of the AIDS sent to vocational agriculture teachers in Illinois. If there are other readers interested in this information, we should have a few copies remaining after mailing the AIDS to our vocational agriculture teachers in Illinois.

M. H.

Youth Conservation Workshops. A series of Youth Conservation Workshops will be held this coming summer as a cooperative effort of the Office of the Superintendent of Public Instruction and various Illinois State Universities.

Dates, locations, and fees are as follows:

June 25-30	Western Illinois University - \$35.00
July 9-14	Northern Illinois University - \$35.00
July 16-21	Southern Illinois University - \$35.00
July 23-28	Eastern Illinois University - \$35.00
	Southern Illinois University - \$35.00
	University of Illinois - \$40.00
July 30- Aug. 4	Eastern Illinois University - \$35.00

Classes are open to high school boys and girls who have completed the ninth grade. Junior and Senior class representatives are recommended. Detailed information will be included in the March Agricultural Releases. This would be a very worthwhile and beneficial conservation activity for an FFA Chapter to sponsor by providing a full or partial scholarship to one of their members

J. H. B. /M. H.

Illinois Farm Record Book - Part 2. PLEASE NOTE. The Agr. Econ. Dept. tells us that their supply of Part 2 of the Illinois Farm Record Book is practically exhausted and that they probably will not get additional copies before about March 1. Consequently, we suggest that you defer ordering copies of Part 2 until about March 1.

M. H.

INDEX TO ITEMS IN VO-AG SERVICE SECTION

	<u>Page</u>
Approved Practices for Oats	8
Approved Practices for Soybeans	8
Corn Pre-emergence Weed Control Clinics	10
Electric Motor Kits - Changes in Power Supplier Representatives	12
Extramural Courses - Second Semester	9
Feed Prices	Inside back cover
Helps in Rural Safety Programs.	13-14
Judging Contest Rules	9
Lincoln Arc Welding Award	8
Principles of Farm Management	11
Report on Adult and Young Farmer Classes.	15
Seed Cleaner -- for loan	14
Slidefilms -- new	11
Slidefilms 436 and 437	10
Slidefilm 460	11-12
Soils of the North Central Region.	8
Swine and Dairy Days (SIU)	15
The Operation Care and Repair of Farm Machinery.	10
To Teachers in Section #4.	8
Weed Slides - Set VII.	11
Youth Conservation Workshops	15

TO: Vocational Agriculture Service - 434 Mumford Hall - Urbana, Illinois

Please send the following:

_____ Approved Practices for Soybeans @ .04 each

_____ Approved Practices for Oats @ .04 each

_____ Set VII of the Weed Slides @ \$3.30 per set

_____ Slidefilm 352 - Summarizing and Analysing Records @ \$4.10

_____ Slidefilm 436 - Using the Steel Tape @ \$1.03 (.73)

_____ Slidefilm 437 - Recording Field Notes @ \$1.00 (.70)

_____ Slidefilm 460 - The Jointer -- How to Use it Safely @ \$2.88 (\$2.02)
(I am _____ am not _____ a subscriber to advance orders for slidefilms)

_____ Slidefilm 713 - Soil Texture @ \$2.40

Name

School

A mistake that was made on the feed price page of the December (1960) AIDS was responsible for our not having the feed prices to include with the January (1961) issue. Each month we have been indebted to Professor W. W. Albert for preparing and sending us the feed prices for that month. The price list of feeds in the December AIDS was headed December 20 and naturally Professor Albert did not question the matter but assumed that we had received the December 20 prices. Actually, the prices included in the December issue should have been labeled as of November 20. Obviously we could not include December 20 prices in copies mailed from here the last week in November.

To date (January 26, 1961) the pressure of other work has apparently prevented Professor Albert from sending us the prices as of December 20 and as of January 20. We hope to be able to include prices for the three months in the next issue.

Vocational Agriculture Service
434 Mumford Hall
Urbana, Illinois

VOCATIONAL AGRICULTURE SERVICE

University of Illinois · College of Agriculture

434 MUMFORD HALL · URBANA, ILLINOIS

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VO-AG AIDS

Volume 19, Number 8

March, 1961

ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION
MARCH 1 1961
UNIVERSITY OF ILLINOIS

Issued jointly by
Vocational Agriculture Service, College of Agriculture
and
Agricultural Education Division, College of Education
University of Illinois
In Cooperation with
Illinois State Board of Vocational Education



AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

Beginning Teachers and the Programs in their Schools. Thirty-eight teachers are enrolled in Education E370 this year compared to 31 in 1959-60 and 33 enrolled in 1958-59. All vocational agriculture teachers prepared at Southern Illinois University and the University of Illinois last year who are employed as vocational agriculture teachers this year are enrolled. In addition, six men trained in other states and five teachers who are returning to teaching from other fields of work are enrolled.

Twelve of the teachers enrolled in Education E370 teach either Biology, General Science, or Common Learnings in addition to their vocational agriculture classes. Thirty-three of the 38 men enrolled teach three or more high school classes of vocational agriculture students.

Only eight of the 38 departments represented in this group have active advisory councils, but several have made use of course committees to organize adult farmer or young farmer courses.

Only half of the departments where beginning teachers are employed had an adult farmer or young farmer course last year. Many of the department libraries are inadequate and outdated.

Many new teachers were unable to find a course of study in the department and, of course, this has complicated the job of the beginning teacher in knowing where to begin instruction with the sophomore, junior, and senior groups.

PEH

March 17 Conference at Northern Illinois University. The fourth and last of the regional conferences on replanning agricultural education in the public schools will be held at Northern Illinois University on March 17. Earlier conferences have been held at the University of Illinois, Southern Illinois University, and Western Illinois University with a total attendance of more than 300 school board members, advisory committee members, school administrators, school counselors, and teachers of agriculture. Final programs are being mailed on March 1 to the schools in the area.

HMH

Consideration of Area Programs of Agricultural Education at the IVA. The forenoon meeting of the Agricultural Education Section of the Illinois Vocational Association convention at St. Louis on March 3 will be devoted to a discussion of the implications for agricultural education of the report on vocational-technical education prepared by a committee at the University of Illinois for the Office of the State Superintendent of Public Instruction.

Conferences of educators and industrialists in all of the more thickly populated parts of the state have dealt with the implications of this report for business and industry. Teachers of agriculture should see that its implications for agricultural education are equally well understood.

The report has an important bearing upon the kind of post-high-school education we are to have in Illinois and how it is to be organized and financed, but the ten regions it proposes could also be used to provide specialized types of secondary education, including agricultural education, which cannot be provided, or cannot be well provided, by the smaller schools.

Those who wish to prepare for the meeting by studying the report may still be able to secure copies from Dr. Claude L. Vick, Office of the State Superintendent of Public Instruction, State Office Building, Springfield.

HMH

Teachers of a County Consider Adult Education. Under the leadership of Leon A. Mayer, teacher of vocational agriculture at Teutopolis and President of the Effingham County Teachers Association, the 250 teachers in the County spent February 10 in a workshop devoted to the continuing education of adults. Five members of the staff of the University of Illinois and one staff member each from Southern Illinois University, the Office of the State Superintendent of Public Instruction, and the State Board of Vocational Education assisted with the program. Vocational-technical education received a good deal of attention as an important phase of continuing education. A county adult education association is to be formed as an outgrowth of the meeting.

HMH

Annual Convention, Illinois Adult Education Association. April 21 and 22 are the dates of the annual convention of the Illinois Adult Education Association at Allerton House. The forenoon of Saturday, April 22, will be devoted to a discussion of vocational-technical education in Illinois. Many teachers of agriculture unable to hear the discussion at St. Louis may be able to share in the Allerton House discussion.

HMH

Replanning the Division of Agricultural Education. The principal project for the year of the staff of the Division of Agricultural Education, College of Education, University of Illinois, is replanning the program of the Division with special attention to new groups to be served: teachers of agriculture in four-year colleges and other post-high-school institutions, workers in agricultural extension, foreign students, and public-school personnel other than teachers of vocational agriculture.

HMH

AIDS, March 1961

Placement Report. W. Gauthier has been employed at Williamsville since the last placement report. There are no vacancies at the present time.

There are twenty-four inexperienced men available for placement for the coming year. Some of these newly qualified teachers may be called for duty in the armed forces or may enter graduate school.

Forty-six experienced teachers have activated their credentials to date. Only three of the experienced teachers do not now have teaching positions.

AHK



IAVAT NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

Your President had the opportunity to work with a very competent teacher the other evening to select the Star Farmer for another section in Illinois.

It was encouraging to hear these young Future Farmers recite the things they have had in class that will help them when they become farmers. They seem to have high regard for their vocational agriculture teachers.

Probably some score card should be worked out to arrive at some consistency in selection over the state. Some teachers do not give a boy much consideration if he does not plan to become a farmer. Some boys are probably keeping "high class records" on their fathers' operation and supposedly receiving a percentage cut. Who makes the decisions in cases like that? Too many boys are taking corn and selling it to their fathers to raise their earnings situation.

Should a boy with one good enterprise receive as much consideration as a boy with three or four? Should a boy expect to have some earnings off the farm? Most farmers do. The farmer today is getting away from diversification. Should we go along with the trend? Should a farm of each Star applicant be visited while the boy is in school and have his father show the visitors his livestock and his plans for keeping records? Some better questions could be asked of the boy on interrogation night.

This is a great responsibility to select the outstanding Future Farmer in the section. It is embarrassing to find a selection operating a gas station within two years after graduation, but that is quite possible. Are we doing too much judging of record books, or boys, or farming programs, or future plans of the boys? Agriculture teachers criticize padded books but I never saw a "thin" one win a prize yet. What can be done to do a better job of selecting Foundation Winners?

The Lena-Winslow chapter recently purchased a steam cleaner and an adding machine with chapter funds. The thought behind the adding machine is better records for the boys. If it works, we should all buy adding machines.

Try to get the nominations of your vocational agricultural minded administrators to me by March 15. A competent, unannounced group of judges will do the selecting.

How about going to St. Louis for the IVA Meeting on March 3 and 4? There is a good program planned for the agriculture section. One of our men, Art Meadors, is President of the IVA this year. Lets go and back him up. Art Twardock is treasurer.

Do we need any changes in the Constitution this year? If you have any ideas, I'll pass them along. Remember N. V. A. T. A. dues will be \$3 next year.

Keith McGuire

INTRODUCING YOUR EXECUTIVE COMMITTEE

Dean K. Finch - District 1 Director --

Dean was born at Amboy, Illinois, June 13, 1910. He graduated from Amboy Township High School in 1928 and the University of Illinois in 1932, and then worked for Lee County Farm Bureau under Mr. C. E. "Chuck" Yale, Farm Advisor.

He worked in Livingston, Grundy, and Iroquois Counties as a D. H. I. A. tester for Farm Advisors "Steve" Turner and "Ray" Watson; Professor C. E. "Dusty" Rhodes and "Jerry" Cash were the University of Illinois Dairy Extension men in charge of the work. Comment - "Never had a cow talk back to me." Time 1932-1935.

In 1935 he started teaching vocational agriculture in Orion Community High School when Halsey Miles started his career as a Farm Advisor. He interned there for six years under the tutelage of C. E. "Cap" Lash, Geneseo, and Duane Gregory, Sherrard. H. K. Danforth, Henry County Farm Advisor and Palmer Robinson, Country Life Insurance Agent, helped with the internship.

On October 20, 1935 he married Wilma M. Finch of Piper City, who has been a patient and understanding wife. They have two boys - Robert who is 18 and is a freshman in Special Education at Illinois State Normal University, and Ronald who is 13 and is attending Forreston Grade School.

He taught vocational agriculture at Lee Center High School from 1941 to 1943. He operated a dairy and hog farm at Amboy and Ashton for 4 years before moving to Forreston Community High School in 1945.

He is a member of Sherman Lodge No. 535 of Orion, Illinois and O. E. S. No. 1017 of Forreston, Illinois, the E. U. B. Church of Forreston, President of the Forreston Community Club, and has been a member of the Farm Bureau since 1935. He was a 4-H leader for several years.

He likes to do new things and try new ways but finds he is beginning to think they won't work, (age). His wife makes this comment - "If you want him to do something, wait until he thinks of it." The best part of teaching is to watch students grow up and do worthwhile things in the world.

Over the years he has congratulated State Farmers but no American Farmers, (still hoping); District Award Winners but no State Winners. Judging teams have been in the top "TEN".

His sideline is cooking in Ralph's Lunch on Sunday morning and modeling the the solution of world problems at the same time. (Stop in.)

AIDS, March 1961

VO-AG SERVICE

Announcements & Notes

Extramural Courses - Error in date of proposed course at Jacksonville. On page 9 of the February issue of the AIDS information was included regarding possible extramural courses for the second semester. The date of the first meeting of Plant Pathology 377 at the Jacksonville High School was given as 9:00 a. m. Saturday, March 1. The date should have been Saturday, March 4. The error was in the letter from which we copied the information and we understand that all vocational agriculture teachers in Illinois were sent the corrected date some weeks ago.

MH

Slidefilm - New. Slidefilm 461 entitled "The Drill Press - How to Use it Safely" has been completed and early in February prints were mailed to those advanced order subscribers who checked that film on the list turned in. The slidefilm is in color, contains 48 frames, and is priced at \$3.37, f. o. b. Urbana. If you placed an advanced order for slidefilms and wish a print of this film, but failed to check it (or possibly indicated a maximum that would not permit our sending the print) please notify us accordingly. Prints to advanced order subscribers are \$2.36, f. o. b. Urbana.

MH

Slidefilms 436 and 437. These two slidefilms were announced on page 10 of the February issue of the AIDS. On February 15 we placed orders for prints on the basis of orders on hand as of that date. Prints should be received in our office so they can be mailed from here by March 1. If you ordered one or both and do not receive your print(s) by March 10, please notify our office.

MH

Slidefilm 424 - Galvanized Roofing and Siding. By this time every vocational agriculture teacher in Illinois should have received a complimentary print of slidefilm 424 entitled "Galvanized Roofing and Siding." Vocational Agriculture Service cooperated with the Committee of Galvanized Sheet Producers in the production of this film. As a result, complimentary prints were to be sent to all vocational agriculture teachers in Illinois. A letter from Mr. Fred L. Rupp, Chairman of the Committee, indicated that the prints have been sent to our teachers. If you are a vocational agriculture teacher in Illinois and failed to receive your print (and wish to have one) please let us know. We are not certain how many prints remain, but we will be glad to see that your name is forwarded in case you failed to receive a print.

MH

Cumulative Record Books. Two additional cumulative record books have now been completed and copies are available for distribution. One relates to Farm and Home Beautification and the other to Soil and Water Conservation. It is possible that a complimentary copy of each has been (or will soon be) sent to each vocational agriculture teacher in Illinois. Copies for that purpose have already been delivered to the Springfield office and will be sent from there. Additional copies are available from Vocational Agriculture Service at 5 cents each, f. o. b. Urbana. These have been included on the tear sheet for the convenience of those wishing to order copies at this time.

The new record books contain 12 pages instead of 8 as included in the Farm Mechanics, Safety, and Electrification books issued previously. When the current supply of each of the three previous books is exhausted, the revised edition will contain 12 pages as in the two new ones. Incidentally, when copies of the current editions are exhausted, the price will be changed.

MH

Educational Materials Needed. Professor E. L. Knake has given us the following announcement for the AIDS:

"A request has been received for educational materials for a Sindhi Boys Secondary School in Karachi, Pakistan. Mr. F. C. Thomas, formerly of Barrington, Illinois is helping to establish an agricultural curriculum in this school. He has asked especially for books of an agricultural nature, published after 1945. If you have some old units, a few books, slidefilms or other educational materials which are ready to be discarded the boys in Karachi would certainly appreciate your help. Arrangements can be made to ship the books through the Asia Foundation at no cost to you. In some cases it may be possible to pick up the books at your school. How about having your FFA secretary or scholarship committee drop a card to either of the following addresses:

E. L. Knake
213 Davenport Hall
University of Illinois
Urbana, Illinois

Carlton Lowenberg
Books for Asian Students
21 Drumm Street
San Francisco 11, California

"Just ask for "Information on how to send books to F. C. Thomas for use in a Sindhi secondary school in Karachi, Pakistan."

"Your efforts will be appreciated by our agricultural neighbors across the globe at a time when international relations are so important."

ELK/MH

Bulletin 666, Circulars 825 and 826. The March Agricultural Releases include copies of three new publications from the College of Agriculture. They are Bulletin 666 "Performance of Auger Conveyors for Farm Feed Materials", Circular 825 "Let's Know Our Trees and Woods", and Circular 826 "Year-Around Stored Feeding for Dairy Cattle". Copies can be obtained by following the regular procedures. If you are not familiar with the policies relating to distribution of Illinois publications for vocational agriculture departments in Illinois, please refer to the August AIDS.

MH

AIDS, March 1961

Sheep Shearing Schools. G. R. Carlisle reports that four sheep shearing schools are planned for Illinois this year. The dates and locations are:

March 20 - 21	Dixon Springs Experiment Station
March 22 - 23	Dixon Springs Experiment Station
April 10 - 11	Urbana, Illinois
April 12 - 13	Woodford County, Illinois

Applications should be sent to Professor Carlisle, 329 Mumford Hall, Urbana, Illinois. The enrollment fee is \$2.50 per person, \$2.00 of which will be returned to the enrollee when and if he shows up for the school. The \$2.50 fee must be submitted with the application for enrollment.

Only boys who are big and strong enough to handle sheep should be sent to these schools. Boys who come should realize that shearing is work and not just a way of getting out of school.

Enrollments will be taken on a first-come, first-served basis, and not more than two boys per school will be accepted. There are usually more applicants than can be accepted, so send them in as soon as possible, if interested.

Checks covering enrollment fees should be made payable to G. R. Carlisle rather than to the University of Illinois.

GRC/WHW

Swine Day. Six swine day meetings will be held in the state this year. The dates and places are as follows:

March 28	University of Illinois, Urbana
March 29	High School, Mt. Vernon
March 30	High School, Carlinville
April 3	Scripps Park, Rushville
April 4	High School, Knoxville
April 5	4-H Center, Amboy

Although the program is similar at all the meetings, there are still too many differences to give here. If interested in one of the meetings, check the details with your Farm Advisor or write Vocational Agriculture Service and we will get the information for you.

WHW

Operation, Care, and Repair of Farm Machinery (Deere and Company). A letter dated February 13 from Deere and Company states that "During the last ten days we have received at least 35 - 40 requests for the Operation, Care, and Repair of Farm Machinery book. Of course, complimentary copies were included in the February Agricultural Release mailings and an announcement was also included in the February issue of the AIDS.

If you desire copies, requests should be placed while copies are still available. Copies are free and we understand that when the present supply is exhausted, there will be no additional copies.

MH

AIDS, March 1961

Illinois Swine Herd Improvement Association. Mr. Fred Hoppin of this association asked us to include their February Newsletter in the AIDS. It is as follows

1. The Board of Directors will now be 14 in number. Clyde Ackerman, Morton, Illinois was re-elected for 3 year term from Tazewell County SHIA. New members are Allen Aves, Kirkland, DeKalb County SHIA and James Monier, Ohio, Illinois from Bureau County SHIA. The 3 directors at large to be appointed by the Board will be announced later.
2. Officers elected for the coming year are: George Brauer, president; Clyde Ackerman, vice president and Wayne Urish, treasurer.
3. Frederic B. Hoppin, Executive Secretary for the last 8 years, has announced his resignation.

The New Executive Secretary is:

Fred Weidhuner
RFD
Greenview, Illinois
Phone -- 542-2874

Your correspondence from receipt of this letter should be directed to him. You will find him an interested hog man approaching his new task with sincerity and enthusiasm. Give him your wholehearted support.

4. Thank you from Fred Hoppin

It has been a sincere pleasure for me to serve as your Executive Secretary for the past 8 years. Your wholehearted support has been appreciated. I will miss working with many of you who have given so freely of your time. My interest in swine is still an intense one and will hope to see you and meet you on many other occasions."

FH/WHW

Youth Conservation Workshops. On page 15 of the February AIDS there was an announcement regarding youth conservation workshops. Stapled with each copy of the March AIDS being sent to vocational agriculture teachers in Illinois will be found a sheet giving additional information regarding those workshops. At the bottom of the page will be found a form for requesting enrollment blanks. The inserts were sent to us through the thoughtfulness of John H. Behrens, Supervisor Conservation Education, Springfield, Illinois.

MH

Calendar of Events - 1961-62. Copies of the Calendar of Events (September 1961-August 1962, inclusive) were included with the March mailings of Agricultural Releases. As previously, this consists of twelve 8-1/2" x 11" pages (one for each month). Copies are now available from Vocational Agriculture Service at 15 cents per 12 pages, f. o. b. Urbana. This item is listed on the tear sheet accompanying this issue for the convenience of those wishing to order copies

MH

AIDS, March 1961

Agricultural Engineering Career Film. Agricultural Engineering has given us the following item for the AIDS:

"The most important decision a high school student has to make, when he enters college, is to decide what profession he should choose. Agricultural Engineering is a relatively new and unpublicized field, and many high school boys have not heard of it.

"Agricultural Engineering is an ideal career for any boy who is mathematically inclined and interested in agriculture.

"In an attempt to inform Illinois high school students about Agricultural Engineering, the enclosed leaflets, among other things, outline a 14-minute film entitled "Agricultural Engineering - The Profession With A Future" which is available at no charge from:

Visual Aids Service
605-1/2 East Green Street
Champaign, Illinois

"Whenever this film is used, we arrange, if possible to have an agricultural engineer either from your local area or the University staff present to answer questions."

NOTE: Two releases, one relating to the 16mm film, and the other entitled "Agricultural Engineering-The Profession with A Future" are included with copies of the AIDS being sent to vocational agriculture teachers in Illinois.

EFO/MH

Assistant Farm Manager Position. With each copy of the March AIDS being sent to a vocational agriculture teacher in Illinois will be found an announcement regarding a position that is open for an assistant farm manager in the Decatur area. Those interested should contact Mr. Laurens W. Cook, 150 N. Country Club Road, Decatur, Illinois, rather than our office. Of course, we will be glad to forward your letter to Mr. Cook, but we believe it would be advisable to contact him direct.

MH

Summaries of Presentations - Thirteenth Illinois Custom Spray Operators' Training School. Copies of this item were included in the March Agricultural Releases. Summaries of approximately 25 presentations are included; such as "Weed Control in Soybeans". "Weed Control in Corn, Pre- and Post-Emergence", "Giant Foxtail Control", and "Insect Situation for 1961". Copies are 50 cents each and may be ordered from the Entomology Extension Office, 280 Natural Resources Building, or from our office. This item is included on the tear sheet accompanying this issue of the AIDS for the convenience of those wishing to order through our office.

MH

AIDS, March 1961

Additional Names for Service Awards. J. A. Twardock tells us that the following names have been added to the official list for service awards:

Harry W. Smith, Jr. ,	Springfield	(20 years)
Loren H. Petty	Clay City	(20 Years)
H. M. Strubinger	Springfield	(25 years)

MH

1961 Farm and Home Festival. The theme, "Foundations for the Future" will be presented by departments of the College of Agriculture in four places - Bevier Hall, Agricultural Engineering Research Laboratory, the Stock Pavilion, and a large canvas arena.

Most of the departments of the College of Agriculture are planning new exhibits for the Festival. Vocational Agriculture Service will be represented in the Agricultural Engineering Research Laboratory.

The 1961 Festival will feature a speaking program that includes nationally prominent speakers.

A complete schedule of activities will be planned for Saturday, April 8 for Ag. Student Guest Day.

RFE

Crop-Share Tenant's Farm Reports to Landlord. The Department of Agricultural Economics has developed a booklet of report forms for use by a crop-share tenant in making regular reports to his landlord. This book is similar in size to the monthly report forms for use by a livestock-share tenant, but the reports are different in number and content. There are forms for only five reports a year. One of these is a planning form, three are financial settlement and reporting forms, and the fifth is a crop production summary and landlord's inventory.

There is a charge of \$1.00 per copy for this booklet. Farm Advisors have copies which teachers may want to look at before ordering. We also hope to have a copy or two on display at the time of the June Conference.

An order form listing this, as well as other materials available from the Department of Agricultural Economics is included as a separate insert with each copy of the March AIDS being sent to vocational agriculture teachers in Illinois. These materials can be ordered either directly from Agricultural Economics, from your Farm Advisor, or from Vocational Agriculture Service.

JHH

Judging Contest Rules. Rules for the state judging contests were sent to vocational agriculture teachers during the first week of February. If you did not receive your copy, please let us know. There are no changes over the 1960 contest, except contests will again be held for milk products and meat. Please note that milk products and meat contests will be held on September 30, while dairy, livestock, poultry, and grain will be June 22.

WHW

AIDS, March 1961

Farmstead Lighting. The Illinois Farm Electrification Council has prepared a 45 single frame slidefilm in color which shows and explains both the in-door and out-door applications of lighting. The script and slidefilm indicate what constitutes good lighting and how it is obtained. A tape commentary as well as the print and script is available. The tape recording without the slidefilm will probably be of little value.

Through the thoughtfulness and courtesy of Professors Beaty and Herum and the IFEC, Vocational Agriculture Service has been given 10 copies of the slidefilm, the script, and the tape recording. Those are available through our office on a loan basis. If convenient, they can be requested on the tear sheet accompanying this issue of the AIDS. If you wish those on a loan basis, please be sure to indicate the choice of dates.

Those wishing to purchase copies of the print for their own use can secure them at \$2.50, which includes the script. Copies of the recording are priced at \$5.00. The recording was made at 7-1/2 feet per second. Orders for purchase for one or both items may be sent direct to Professor H. H. Beaty, 234 Agricultural Engineering Building, Urbana, Illinois. In such a case, they prefer that payment accompany the orders and that the checks be made payable to the University of Illinois. Those wishing to order through our office, may do so and can use the tear sheet if that is most convenient for them.

HHB/MH

NEW BOOKS

Several publications have been added to our library since last announced in the AIDS. As usual, all of the books we have are available for review in our office by any one interested therein. Further, all will be included in the book display to be made at our coming June Conference for vocational agriculture teachers.

Those interested in securing copies for their own use should write to the publishers rather than to our office.

LIVESTOCK AND POULTRY PRODUCTION, 2nd Edition. 1961. \$5.90. Bundy and Diggins. Prentice-Hall, Inc., Englewood Cliffs, New Jersey.

The following is taken from the preface to the second edition:

"This second edition of Livestock and Poultry Production is enlarged and even more informative than the first, the wide acceptance of which has been most gratifying. We present in one book the most complete and up-to-date information available on this broad subject. The basic principles and practices needed in solving production, management, and marketing problems are made clear without the necessity of reading through a maze of technical and semitechnical material. . . It is the intent of the authors that this book be utilized as a source of information in vocational-agricultural classes where problem-solving methods are used in teaching animal production."

MODERN METALWORK. 1954. \$1.16. Everett R. Glazener. The Steck Company, Austin, Texas.

The following statement is taken from the note 'To the Teacher':

"The aim of this Worktext is to interest the student in metalwork and offer related information along with basic operations in a variety of metalworking areas common to the Industrial Arts."

The following is taken from the note 'To the Pupil':

"This Worktext has been organized and prepared to offer you general information and practice in several of the metalworking fields. Nearly all metalworkers in industry experienced these same skills and learned the same information before they became efficient workers."

MODERN WOODWORK. 1954. \$1.16. Ralph J. Vernon. The Steck Company, Austin, Texas.

The following statements are taken from the note 'To the Pupil':

"This Worktext has been prepared in order to provide practice and study for the beginning woodworker. It includes woods, hand tools, machine processes, finishing, and other elements of the woodworking trades. It is written with the desire to afford the beginning student an introduction to woodworking so that he may develop a hobby, choose a trade, and learn to make intelligent selections of lumber, tools, or wood products."

INDEX TO ITEMS IN VO-AG SERVICE SECTION

	<u>Page</u>
Additional names for Service Awards	11
Assistant Farm Manager Position	10
Agricultural Engineering Career Film	10
Bulletin 666, Circulars 825 and 826	7
Calendar of Events	9
Crop-Share Tenant's Farm Reports to Landlord.	11
Cumulative Record Books	7
Educational Materials Needed	7
Extramural Courses - Error in date of proposed course at Jacksonville	6
Farmstead Lighting	12
Illinois Swine Herd Improvement Association	9
Judging Contest Rules	11
New Books	12
New Bulletins and circulars	7
Operation, Care and Repair of Farm Machinery (Deere & Company)	8
Sheep Shearing Schools	8
Slidefilm - New	6
Slidefilm 424 - Galvanized Roofing and Siding	6
Slidefilms 436 and 437	6
Summaries of Presentations - Thirteenth Illinois Custom Spray Operators' Training School	10
Swine Day	8
Youth Conservation Workshops	9

To: Vocational Agriculture Service - 434 Mumford Hall - Urbana, Illinois

Please send the following:

_____ Calendar of Events @ .15¢ each, f. o. b. Urbana

_____ Farm and Home Beautification Cumulative Record Books @ .05¢ each, f. o. b. Urbana

_____ Soil and Water Conservation Cumulative Record Books @ .05¢ each, f. o. b. Urbana

_____ Summaries of Presentations - Thirteenth Illinois Custom Spray Operators' Training School @ .50¢ each, f. o. b. Urbana

_____ Slidefilm 461 - "The Drill Press - How to Use it Safely" @ \$3.37 (\$2.36)
(I am _____ am not _____ a subscriber to advance orders for slidefilms)

Farmstead Lighting.

Slidefilm

Tape Recording

Loan

Purchase

Choice of dates if borrowed _____

Name

School

PRICE LIST OF FEEDS^{1/}

The feed prices for many of the feedstuffs used in vocational agriculture projects are listed below. This list is meant to be used as the basis of values for all boys obtaining their feed at home. All feed actually purchased should, of course, be recorded at prices paid.

Kind of feed	Cost per bu., cwt., or tons in dollars		
	December 20	January 20	February 20
Corn, bu ^{2/} . . . . .	.94	1.01	1.03
Corn, ground, bu	1.04	1.11	1.13
Oats, bu . . . . .	.56	.61	.59
Oats, ground, bu . . . . .		.71	.69
Barley (feed), bu . . . . .	.96	.99	.96
Barley, ground, bu	1.06	1.09	1.06
Sorghum grain, cwt	1.61	1.67	1.68
Sorghum grain, cracked, cwt	1.71	1.77	1.78
Garbage and kitchen waste, ton	8.50	8.50	8.50
Whole milk, cwt	3.00	3.00	3.00
Corn silage, ton	12.00	12.00	12.00
Sorghum silage, ton	11.00	11.00	11.00
Grass silage, ton			
No preservative added	8.00	8.00	8.00
Preserved with 70-100 lb. molasses	10.00	9.00	10.00
Preserved with 150-200 lb. ground corn	12.00	12.00	11.00
Clover and mixed hay)	20.00	20.00	22.00
Cowpea hay)Add \$5 per ton	18.00	18.00	18.00
Soybean hay)For baled hay	18.00	18.00	18.00
Alfalfa hay)And straw	20.00	20.00	22.00
Timothy)	18.00	18.00	19.00
Corn stover, ton	11.00	11.00	11.00
Oat straw, ton	16.00	16.00	16.00

^{1/}Prepared by W. W. Albert, Dept. of Animal Science, University of Illinois, Urbana, Illinois

^{2/}High-moisture corn to be discounted at the rate of 1¢ for each 1/2% moisture above 15.5%

VOCATIONAL AGRICULTURE SERVICE
University of Illinois - College of Agriculture
434 MUMFORD HALL - URBANA, ILLINOIS

SERIALS DEPARTMENT
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VO-AG AIDS

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April 1961

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Vocational Agriculture Service, College of Agriculture
and
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University of Illinois
in Cooperation with
Illinois State Board of Vocational Education



AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

1961 Summer Session In addition to offerings of the usual types, the 1961 four-week summer term will feature special offerings in adult education and in the planning of school wide programs of agricultural education.

H. M. Hamlin will teach a summer version of his course in adult education, which has been offered for six years in the second semester of the school year. The course deals with the development and status of adult education, the need for it, the agencies and programs in the field, public policies for adult education, and the planning of comprehensive programs. Special attention will be given to area post-high-school institutions.

E. W. Anderson will conduct a workshop on Continuing Education through the Cooperative Extension Service, which is intended primarily for workers in extension in agriculture and home economics, but will be valuable to teachers of vocational agriculture in their relationships with the extension service.

L. J. Phipps will again offer the course in Vocational Education in Agriculture for Adults.

G. P. Deyoe will conduct a workshop on school-wide programs of agricultural education, intended for teachers of agriculture, teachers of subjects related to agriculture, and school administrators. The workshop group will explore the possibilities of agricultural education in the elementary schools, junior high schools, senior high schools, and junior colleges. Plans for teaching courses in general and non-vocational agriculture and for including agricultural materials in non-agricultural subjects will be considered. New uses of teachers of agriculture, considered as employees of school systems rather than proprietors of segregated agriculture departments will be surveyed.

H. M. H.

Placement Report. Since the last report, John Schettler has been employed as teacher of vocational agriculture at Malta. One school is seeking a teacher of vocational agriculture for the next school year, July 1, 1961 to June 30, 1962.

The only change in the list of persons available for placement is a slight increase in the number of experienced teachers who have activated their credentials.

A. H. K.

Report on Vocational-Technical Education to be Considered at Allerton House.

About sixty teachers of vocational agriculture had an opportunity to consider the report on vocational-technical education in Illinois, made to the State Superintendent of Public Instruction by a University of Illinois group, at the IVA convention in St. Louis on March 3. Other teachers will have an opportunity to hear a similar discussion at the annual convention of the Illinois Adult Education Association at Allerton House on Saturday forenoon, April 22. M. Ray Karnes and H. M. Hamlin will present the findings and recommendations. A panel will dissect them. The entire forenoon will be given to the subject.

The convention begins on Friday afternoon, April 21. Copies of the program may be secured from Scott B. York, Executive Secretary, Illinois Adult Education Association, 205 Arcade Building, University of Illinois. Teachers of vocational agriculture, in spite of their extensive activities in adult education, have been conspicuously missing in this state-wide organization with 600 members. They would be welcomed heartily.

H. M. H.

Extramural Course for Experienced Teachers, Fall 1961 Education E 477, Field Studies in Agricultural Education, will be taught in District 4 during the fall semester of 1961. This District includes Sections 16, 17, 18, 19, and 20.

One teaching center for this course will be located on the campus of the University of Illinois. A second center will be located off campus, if enough enroll in an area which can be served best in this way.

This is a "problems" course especially designed for teachers of vocational agriculture. (Administrators may enroll.) Each person who enrolls will select and develop a problem in some phase of agricultural education of specific concern to him. The content of the course will be adapted to the problems of the persons who enroll. In the early part of the course, attention will be given to important changes which are occurring in farming and in education and to the implications of these changes for local programs of agricultural education.

Eight group meetings of three hours each will start at about 5:00 p. m. These will be scheduled on Wednesday or Thursday night and will be planned so as to be completed by early December. A maximum of two centers will be selected, depending on the locations of the persons who expect to enroll. George P. Deyoe will provide the group instruction, and he will visit each person who enrolls.

Persons who enroll may earn one-half unit of graduate credit which may be applied to a master's degree or credit beyond a master's degree. Information will be sent to each teacher in District 4 in the near future and an opportunity given to indicate intentions relative to enrollment next fall. This course is offered on a rotational basis once every five years in each District in the state.

G. P. D.

Vocational Agriculture Curriculum. You are again being asked to tell your seniors that they may enroll in the vocational agriculture curriculum of the College of Agriculture, University of Illinois, as freshmen. If they do register in the vocational agriculture curriculum, they will be assigned an advisor from the Division of Agricultural Education

Vocational Agriculture Curriculum (continued). You may also tell your seniors that the number of students preparing to teach vocational agriculture is too few to provide the needed annual replacements. It is to the benefit of the entire profession to make sure that we have available well qualified teachers for all positions which become vacant each year.

A. H. K.

Twenty-two juniors in the College of Agriculture, University of Illinois have applied for student teaching in vocational agriculture for 1961-62. They are as follows:

Name	Home high school	Number of years of Vo-Ag in H. S.	Vo-Ag Teacher
1. Brunier, Wayne	Roanoke-Benson	4	Frank Crawford
2. Kendle, Gary	Taylorville	4	William Powell
3. Beckenholdt, Willard	Mansfield	4	M. Bateman
4. Heckert, Dwight	Okawville	4	Fred Russell and Russell Weger
5. Payne, William	Benton	4	B. L. Finley
6. Eike, Kenneth	Seneca	2 (No)	Sherwood Jackson
7. Kinkaid, Harold	Young America	4	Banta Bundy
8. Fesser, Lamar	Morrisonville	3	William M. Bullard
9. Bolin, Kenneth	Benton	4	B. L. Finley
10. Kimmel, Leslie	Galaita	4	James Bond
11. Smith, Dale	Peotone	4	Glen Shippy
12. Lane, Darrell	Princeton	4	Gale Gossett
13. Watt, Gary	Roseville	2	B. A. Tomlin
14. Humbert, Dale	Dwight	3	F. H. Van Dyke
15. Peterson, Randell	Pearl City	3	Clifton E. Wick
16. Washburn, Charles	Brownstown	4	Max Grinnell
17. McGrew, Cecil	Bushnell-Prairie City	4	William Thornton
18. Williamson, Robert	Jacksonville	4	Gerald Kuster
19. Fay, Robert	Waterman	4	Robert Edwards
20. Hawbaker, Stuart	Monticello		
21. Harp, Ken	Macomb	3	Burdette Graham
22. Smith, John	Elkhart	4	Joe Foster

The job opportunities for students who complete the curriculum in agricultural education at the University of Illinois and thus prepare to teach agriculture have never been better. It also appears that the job opportunities in this field will continue to be excellent for several years. Do you have former students presently enrolled in the College of Agriculture, University of Illinois who should be told about the opportunities in agricultural education?

L. J. P.



IAVAT NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

From the President's Desk

Congratulations to Art Meadors for the fine manner in which he guided the I. V. A. Convention of 1,000 registered in attendance in St. Louis. Bob Howey and Art Twardock have also recently capably served as I. V. A. Presidents.

The vocational agriculture teachers appreciated the coffee and doughnut hour presented by the Cargill Corn Company, represented by H. F. Engelking. It was good to see Harold, again.

How about the agriculture teachers in Illinois talking it up for the new proposed technical schools in Illinois? (As soon as you know what you are talking about.) Be sure and plug for 'the father of professions' - agriculture, that it be included in the curriculum. Dr. Hamlin probably knows as much about it as anyone in Illinois. When your information is adequate, you might present it to Rotary, Lions, Kiwanis, Optomist, ABC Club, etc. Mr. Wilkins is proving himself to be a real friend of vocational education.

The dairy holders contest will be reinstated this June at the State Dairy Judging Contest on June 22. Sixteen F. F. A. ties and three medals will be presented to the holders. Holders among the agriculture teachers seem to be "scarce" on that day. The first sixteen boys that show up can enter. You can pre-register with J. A. Twardock, but cancel out with him also.

Remember April 8 - Guest Day at the College of Agriculture. See that your Seniors get there. This, of course, is also the time when vocational agriculture teachers, who have notified Vocational Agriculture Service previously, can participate in work relating to meat and milk judging. Please remember this training is for teachers and not for high school students.

From the President's Desk

Organization of the Air Force...
The Air Force is also a highly capable...
The Air Force is also a highly capable...
The Air Force is also a highly capable...

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MEMO TO IAVAT COMMITTEE CHAIRMEN. Can your committees meet at the State F. F. A. Convention to submit your recommendations? Have them typed up and give to Jesse Keyser, who will assemble them for printing for the June Conference.

Keith McGuire

INTRODUCING YOUR EXECUTIVE COMMITTEE

Joseph W. (Joe) Berger - Secretary Treasurer --

Joe was born on a farm near Gibson City, Illinois on March 18, 1918. He took vocational agriculture at Gibson City High School, graduating in 1936. He farmed with his father for one year before enrolling at the University of Illinois. He received his B. S. Degree in 1941 and his M. S. Degree from the University of Illinois in 1946.

He taught agriculture for three months in Carrollton Township High School, Carroll County, Indiana before serving as Air Corps Instructor. He taught agriculture from 1943 to 1946 at Kenny, Illinois before accepting his present position at Charleston.

He married Ellen Bethel in June 1945 during summer school. He received credit for his summer's work thanks to his kind instructors even though being absent for a one-week honeymoon. They have two children -- Gary - 12 and Susan - 10.

Joe is a member of the Methodist Church, Charleston B. P. O. E. Lodge 623, and a member of the Farm Bureau. He has been an officer in the Charleston Kiwanis Club, Charleston Youth Camp, Inc., Charleston Boat Club, and the local teachers association. He has been delegate to the National Convention for the Phi Delta Kappa Campus Field Chapter at Eastern.

His hobbies are photography (sponsors the school camera club), boating, fishing, water skiing with the family, hunting, and guns. He belongs to the local pistol and rifle club and has an instructor's rating to teach hunter safety in the Illinois Safe Hunter Program. He belongs to a men's bridge club. He enjoys music, having played tuba in high school and in the University Military Band.

He feels that his accomplishments are reflected in the accomplishments of his students in his high school and out-of-school program. Several State Farmers are now progressive farmers in the community. Some are school teachers. One is a university instructor in agricultural engineering. A former chairman of his advisory committee is now an active school board member. He considers former student teachers from the University as past students. One of them has recently become a school administrator. Joe says, "I hope I have trained him to be a good one".

He has had out-of-school adult classes every year of his teaching career. His high school enrollment at Charleston over the years has been between 45 and 55.

VO-AG SERVICE

Announcements & Notes

Mail Address of Vocational Agriculture Service. Occasionally some teacher addresses a letter or parcel post shipment to our shop and storage building on Florida Avenue. There are no postal deliveries to the building. Mail (including parcel post shipments) intended for Vocational Agriculture Service, should be sent to 434 Mumford Hall, Urbana, Illinois.

M. H.

Illinois Farm Record Book - Part II. We are told that the Agricultural Economics Department has now received additional copies of the Illinois Farm Record Book - Part II. All back orders have been taken care of. In the February AIDS we mentioned that the supply was practically exhausted and suggested that readers defer placing orders until about March 1. If you have ordered copies of Part II through our office and have not received them, please notify us.

M. H.

Circulars 824 and 827. Since the last issue of the AIDS, Vocational Agriculture Service has received copies of two new Illinois Circulars. They are Circular 824 - "Managing Your Hog Business" and Circular 827 - "Controlling Johnsongrass in Illinois". Copies of both were included with the April Agricultural Releases. Those not familiar with the publications will probably find it advisable to secure and review single copies before ordering quantities. Copies are available through regular channels and procedures. If you are not familiar with procedures for obtaining copies for vocational agriculture programs, the information on pages 9 and 10 of the August (1960) AIDS may be of help.

M. H.

Advanced Orders for Slidefilms (1960-61). We have now announced and distributed prints of all new slidefilms that will be a part of the 1960-61 advanced orders. A 30% reduction is being allowed advanced order subscribers. A form letter has been sent to such subscribers who still have a balance remaining from the amount they indicated on the form filled out prior to last December 1. Those subscribers should note that orders for prints of slidefilms not previously ordered must reach our office by April 10 if they wish to secure prints at the 30% discount.

M. H.

Choose Your Career (Hoards Dairyman). A recent note from Dean Gardner asked whether we had called attention to the publication from Hoards Dairyman entitled "Choose Your Career". This was announced in the AIDS perhaps as much as a year ago. We thought, however, that it might be well to again mention the publication since some may not have seen the previous announcement. Incidentally, information is given regarding some careers that do not necessarily require a college degree. The last information we had was to the effect that copies were available from Hoards Dairyman, Fort Atkinson, Wisconsin, at 75 cents each.

M. H.

Saturday Deliveries and Pickups from Vocational Agriculture Shop & Storage Building. Theoretically, university offices have been closed on Saturdays for the past several years! Milton Hallberg, who started with us during his freshman year and who completed work for his MS degree in February (1961) is no longer with us. During the approximately 5 years that he worked for us, it was only an occasional Saturday when he was not working at the building. From now on, teachers coming in without making prior arrangements will probably find that neither our office nor our building is open on Saturdays. Further, if you are fortunate enough to find it open, you will probably find that it is because we have a student working at that time but that the student will know no details concerning our work, materials, or policies except in relation to the work he is employed to do on that particular Saturday.

We hope to prevent inconvenience to all concerned and so request that you please do not plan to make Saturday deliveries to, or pickups from, our building or office unless you have previously made arrangements accordingly.

M. H.

Land of Lincoln Judging and Showmanship School. We are indebted to Mr. Dick Lyon of the 4-H Office for his thoughtfulness and courtesy in giving us the following information"

"The annual Land of Lincoln Judging and Showmanship School will be held at the Coliseum of the State Fair Grounds in Springfield on Saturday, April 22.

"Demonstrations will be presented on fitting and showing livestock. Instruction will be given in selection and classes will be provided for practicing judging. A few classes of dairy animals will be provided this year.

"The morning session will begin at 10:00 a. m. Boys and girls should bring a lunch, since eating facilities on the grounds may be crowded.

"Many breeders belonging to the Land of Lincoln Purebred Livestock Breeders Association help with this event by providing livestock and training. Members of the Animal Science and Dairy Departments of the University of Illinois will also assist with teaching and organization.

R. O. L. /M. H.

Business Reply Cards and Envelopes. PLEASE NOTE -- On numerous occasions we announced that we would allow our permit to lapse as of August 31, 1960 so far as our business reply cards and envelopes were concerned. A few teachers have been using those since that time and we have accepted them rather than to cause difficulty and inconvenience to the user. When a teacher continues to use them after we have called attention to the matter in a personal letter, we believe drastic action may be necessary. Consequently, effective immediately, we will notify the ones concerned that we will no longer pay postage on such cards and envelopes. Please do not blame our office for any inconvenience, embarrassment or difficulties that you encounter if you continue attempts to use such cards and envelopes. We destroyed our remaining supplies many, many months ago and those having copies may find it advisable to destroy their copies.

M. H.

Slidefilms 436, 437, 164-61. The week of March 7, prints of three new slidefilms were sent to those whose orders were on hand at that time. Those bring to 10 the new slidefilms we have distributed during the 1960-61 school year. Incidentally, we do not plan to issue any additional slidefilms this year. Any that may be completed between now and September 1, 1961, will be released during the 1961-62 school year.

Titles and prices of the three new single frame slidefilms are:

436 - Using The Steel Tape	\$1.03
437 - Field Notes	1.00
164-61 - Breeds of Swine	2.47

The foregoing films are included on the tear sheet accompanying this issue of the AIDS for the convenience of those wishing to order prints.

M. H.

Weed Slides (Set 7). The week of March 13 we filled all orders on hand for the additional weed slides included in Set 7. Those were listed on page 11 of the February AIDS. A few extra sets were ordered and we will fill orders received as long as our supply will permit. This set is included on the tear sheet accompanying this issue of the AIDS. After the remaining sets have been distributed, orders will be handled on a composite order basis and the next composite order will not be placed by us until about July 1.

M. H.

Insect Survey Bulletin. We assume that by this time all vocational agriculture teachers in Illinois have received the announcement from the Agricultural College Extension Service relative to the Insect Survey Bulletin. The announcement stated that "You can subscribe for this series by filling out the form below, and mailing to. Insect Survey Bulletin, 118 Mumford Hall, Urbana, Illinois." The form to be returned indicated that a check or money order for \$2.00 was to accompany the form.

M. H.

Agricultural Engineering 381 Electrical Farm Equipment will be taught on a 4-week basis this summer for 1/2 unit graduate credit by Dr. Robert M. Peart. The course is especially designed for agriculture teachers and extension personnel. Twelve teachers, 3 farmers, and 1 assistant farm adviser took the course at Dixon last fall and found the topics valuable and interesting. The course will include: review of electrical fundamentals and planning wiring systems; motor types, care and trouble-shooting; theory and practice in planning and connecting automatic control systems; crop drying fundamentals including use of the psychrometric chart; and equipment and planning for farm materials handling systems. Laboratory sessions will include work with motors, controls, moisture testers, conveying equipment, and trips to experimental automatic feeding systems on University Farms. The class will meet daily from 1:00 to 3:00 p. m., beginning June 20 in the Agricultural Engineering Building. For further information concerning this course, please contact Dr. Robert M. Peart - 235 Agricultural Engineering Building - Urbana, Illinois.

M. H.

F. F. A. Roadside Signs. On Saturday, April 8, our Vocational Agriculture Shop and Storage Building will be open from 8:00 a. m. to at least 12:00 noon. At that time we will have new sets of the F. F. A. roadside signs ready for delivery to the following chapters:

Ashton	Franklin	Paris
Astoria	Freeburg	Pleasant Hill
Beason	Galena	Ramsey
Bismarck	Gibson City	Roberts
Bluffs	Hamilton	Seneca
Bridgeport	Hardin	Shannon
Burlington	Heyworth	Staunton
Carrollton	Homer	Stockton
Champaign	Kirkland	Stillman Valley
Chatham	Mackinaw	Sullivan
Christopher	Macon	Sycamore
Cornell	Mahomet	Varna
Dallas City	Minok	Watseka
Edinburg	Monmouth	Williamsfield
Effingham	Newman	Woodlawn

Replacement sets of signs will be ready for delivery on April 8 for the following chapters:

*Buckley	*Farmer City	Melvin Sibley
*Carlinville	Geneseo	*Paris
*Carthage	*Homer	*Pearl City
*Delavan	Illioopolis	*Pleasant Hill
*Danlap	*Mahomet	*Staunton
*Effingham	*Maroa	*Watseska

An asterisk (*) preceding the chapter name, indicates that your set of signs is to be delivered to our building when you call for your replacement set.

M. H.

Graduate Assistantships -(Cornell University). Enclosed with each copy of the April AIDS sent to a vocational agriculture teacher in Illinois is an announcement relating to graduate assistantships in Agricultural Education available at Cornell University. If you are interested in either of the three, please note the address to contact, as given in the announcement.

M. H.

Forms for additional Slidefilms on Advanced Order. From forms being returned by those who placed advanced orders for 1960-61 slidefilms and who have a balance that can be used, it appears almost certain that the number of prints on hand will not be sufficient to fill all orders as they are received. Consequently, we will fill orders as far as we can and immediately after April 10 we will order sufficient prints to build up our reserve and fill all remaining orders on hand.

We also notice that a few teachers have ordered second prints and we assume that in such cases this was an oversight. Consequently, we will not send prints of slidefilms that were sent to you previously this year unless you specifically request that we do so.

M. H.

INDEX TO ITEMS IN VO-AG SERVICE SECTION

	Page No.
Advanced Orders for Slidefilms (1960-61)	6
Agricultural Engineering 381	9
Business Reply Cards and Envelopes	8
Choose Your Career (Hoard's Dairyman)	7
Circulars 824 and 827	6
Feed Prices	Inside back cover
F. F. A. Roadside Signs	9
Forms for Additional Slidefilms on Advanced Order	10
Illinois Farm Record Book - Part II	6
Insect Survey Bulletin	8
Land of Lincoln Judging and Showmanship School.	7
Mail Address of Vocational Agriculture Service	6
Saturday Deliveries and Pickups from the Vo-Ag Shop and Storage Building	7
Slidefilms 436, 437, 164-61	8
Weed Slides (Set 7)	8

TO: Vocational Agriculture Service
434 Mumford Hall
Urbana, Illinois

Please send the following:

_____ Weed Slides (Set 7) @ \$3.30 per set, f. o. b. Urbana

_____ Slidefilm 436 - Using The Steel Tape @ \$1.03, f. o. b. Urbana

_____ Slidefilm 437 - Field Notes @ \$1.00, f. o. b. Urbana

_____ Slidefilm 164-61 - Breeds of Swine @ \$2.47, f. o. b. Urbana

Name

Address

PRICE LIST OF FEEDS^{1/}

March 23, 1961

The feed prices for many of the feedstuffs used in vocational agriculture projects are listed below. This list is meant to be used as the basis of values for all boys obtaining their feed at home. All feed actually purchased should, of course, be recorded at prices paid.

Kind of feed	Cost per bu , cwt., or tons in dollars
Corn, shelled, bu	1 03
Corn, ground shelled, bu.	1.13
Corn, ground ear, bu.	1.13
Oats, bu. . . . .	.54
Oats, ground, bu. . . . .	.64
Barley, (feed) bu. . . . .	.94
Barley, ground or rolled, bu.	1.04
Sorghum, grain, cwt	1.75
Sorghum grain, cracked, cwt.	1.85
Garbage and kitchen waste, ton.	8.50
Skim and buttermilk, cwt.	1.50
Whole milk, Grade B, cwt.	3 00
Corn silage, ton	12 00
Sorghum silage, ton.	11 00
Grass silage, ton	
No preservative added	8 00
Preserved with 70-100 lb. molasses	10.00
Preserved with 150-200 lb ground corn	11 00
Clover and mixed hay)	20.00
Cowpea hay) Add \$5 per ton	18.00
Soybean hay) for baled hay	18 00
Alfalfa hay) and straw	20.00
Timothy hay)	18.00
Corn stover, ton	11.00
Oat straw	16.00

^{1/} Prepared by W. W. Albert, Dept. of Animal Science, University of Illinois
Urbana, Illinois

^{2/} High-moisture corn to be discounted at the rate of 1¢ for each 1/2% moisture
above 15.5%

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VO-AG AIDS

Volume 19, Number 10
May 1961

THE

MAY 19 1961

ILLINOIS

Issued jointly by
Vocational Agriculture Service, College of Agriculture
and
Agricultural Education Division, College of Education
University of Illinois
in Cooperation with
Illinois State Board of Vocational Education



AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

Replanning Conferences Concluded. On March 17 the last of the four conferences on replanning agricultural education in the public schools was held at Northern Illinois University with an attendance of 130. The four conferences have reached more than 400 school board and advisory committee members, school administrators, school counselors, and teachers of agriculture. It is expected that similar meetings, aimed primarily at those who work with teachers of agriculture rather than at teachers of agriculture, will be held in the future, when the times seem right for them, perhaps for smaller areas of the state. The Division appreciates the perfect cooperation it has received in conducting these meetings from the state universities involved, the staff in agricultural education of the State Board of Vocational Education, and the school people who have attended these meetings.

H. M. H.

Advisory Board Meets All members of the Advisory Board for the Division of Agricultural Education and the IAVAT representative to the Board, Dean K. Finch, were present at its second meeting of the school year on April 7 and 8. Much of the meeting was devoted to study of a plan for the future development of the Division, presented by the staff of the Division. Minutes of each board meeting are sent to IAVAT officers and Section Chairmen; they are available to anyone interested.

H. M. H.

Summer School Features. The four-week summer term of 1961 will include the usual complement of courses in Agriculture, Agricultural Education, and Education: six courses in Agriculture, seven courses in Agricultural Education and three courses in Education.

In addition, a workshop will be provided in School-wide Programs of Agricultural Education. The workshop is designed to aid in planning agricultural education in the elementary schools, the junior high schools, the senior high schools, the junior colleges, and the adult divisions of school systems. Teachers of subjects other than agriculture, who wish to include agricultural materials in their subjects, teachers of general and non-vocational agriculture, superintendents, principals, and curriculum directors will find the workshop of special value.

Adult education will be emphasized in two courses and a workshop. A survey course in adult education, offered during the school year for the past six years, will be given for the first time in the four-week term. The course in Vocational Education in Agriculture for Adults will again be offered. There will be a workshop on education through the Cooperative Extension Service. Two to four special lectures on adult education will be given during the term and the lectures will be available for consultation.

The summer organization of teachers of agriculture will function as it has since 1937, the teachers attending the summer session determining its program.

H. M. H.

Study Completed of High School Graduates with and without Vocational Agriculture. A study has been completed which compares male graduates with and without vocational agriculture in selected Illinois high schools.

A bulletin which sets forth briefly the findings of this study will be mailed soon to each teacher of vocational agriculture in Illinois. Teachers should be interested in this bulletin and we suggest that it be loaned to counselors and administrators.

The publication provides data hitherto unavailable. It should help to correct misconceptions about students who take vocational agriculture. Included are sections on the general intelligence levels and scholastic achievement of these students, the subjects they take, their attendance at college, their employment after high school, their participation in extraclass activities, and the occupations of their parents. Throughout the bulletin, comparisons are made between students who had taken vocational agriculture and those who had taken none.

G. P. D.

Placement Report. There are thirteen known openings for teachers of vocational agriculture at the present time. Two positions have been filled: John Stephens (SIU) has taken the Enfield position; Allen McCowan (U. of I.) has taken the Waterman position.

There are twenty-three inexperienced men on the placement list, several of whom are considering graduate work for the coming year.

It appears that we shall not be able to fill all vacancies which will occur this year. We were also short of teachers last year and it looks as though we shall be short again next year. This kind of situation is not good for vocational agriculture. Once departments are closed, they are difficult to re-establish. Each person in the profession is responsible for helping to acquaint our bright young vocational agriculture students with the opportunities available to them after completing the program of preparation for teaching vocational agriculture.

A. H. K.

Articles for the Agricultural Education Magazine. Mr. H. R. Damisch has designated A. H. Krebs, Division of Agricultural Education, University of Illinois, as the State representative to secure articles for The Agricultural Education Magazine. Articles will be edited

and forwarded to the special editor for the Central Region. Themes for Volume 34 are as follows:

July	Agricultural Education at the Crossroads
August	Making Vocational Agriculture Broader Vocationally
September	Materials and Methods
October	Lay Participation
November	Impact of Industrialization on Vocational Agriculture
December	The Effect of Vocational Agriculture on College Success
January	Is the Farm Mechanics Program Keeping Up?
February	Administering the Vocational Agriculture Program
March	The FFA, Past and Future
April	The Vocational Agriculture Teacher's Role in Guidance
May	Planning for the summer
June	Improving the Quality of Farming Programs

Articles from Illinois teachers have been conspicuous by their absence over the past years. Write up some of your accomplishments or local studies relating to the themes for publication. Send the article to A. H. Krebs, 103 Gregory Hall, University of Illinois, Urbana. Remember, an article must be submitted three months ahead of publication date if you want it published in a particular issue.

A. H. K.

Alpha Tau Alpha. Alpha Chapter of Alpha Tau Alpha, honorary professional agricultural education fraternity, held their annual initiation-banquet on March 23. The new members initiated at this time were as follows:

Name	Home High School	Number Yrs. Vo. Ag. in H. S.	Agriculture Teachers in H. S.
Becker, James	Amboy and a parochial school	0	----
Cole, William	Brownstown	3	Max Grinnell
Fesser, Lamar	Morrisonville	4	William Bullard
Garlish, Garry	Farmington	3	John Parks and Stephen Kingry
Gosnell, Lynn	Mt. Zion	4	William Bucy
Harp, Ken	Macomb	3	Burdette Graham
Heckert, Dwight	Okawville	4	Fred Russell and Russell Weger
Kcndle, Gary	Taylorville	4	William Powell
Kincaid, Harold	Young America	4	Banta Bundy

AIDS, May 1961

Alpha Tau Alpha (continued)

Name	Home High School	Number Yrs. Vo. Ag. in H. S.	Agriculture Teachers in H. S.
Kosiba, Stanley	Leland	4	Stephen Fleming
Lindley, Harold	Minonk	4	William Martinie
McGrew, Cecil	Bushnell-Prairie City	4	William Thornton
Nelson, Darrell	Winola	4	Howard Walker
Sampson, Wayne	Dwight	2	F. H. Van Dyke
Schroeder, Dale	Tolono	3	Don Coil
Vetter, James	Kampsville and Bradley	1-1/2	Dean Sims
Washburn, Charles	Brownstown	4	Max Grinnell
Watt, Gary	Roseville	2	B. A. Tomlin
Wenberg, Roger	Batavia	No Vo. Ag. in school	---
Williamson, Robert	Jacksonville	4	Gerald Kuster

L. J. P.

From the President's Desk

Congratulations to our Chief, Mr. H. R. Damisch, who was rather recently elected Chairman of the State Chiefs of agricultural education of the National Association. He is also a member of the F. F. A. Board and the F. F. A. Foundation. Best wishes to you in your new job from the agriculture teachers of Illinois.

Are you committee chairmen getting your reports ready as per V. P. Keyzers' request?

A big vote of thanks to Dr. Joe Tobias, of the Dairy Manufacturers Department, and Dr. Burdette Breidenstein, of the Meats Department and his staff for the fine work they did on the last Saturday of Farm and Home Festival in preparing practice judging materials for the teachers interested in the milk and meats judging contest to be held at the University on September 30. Thanks to Vocational Agriculture Service, for lining up the program.

INTRODUCING YOUR EXECUTIVE COMMITTEE

Delmar D. Launius - District V Director --

Del was born on a farm in Franklin County, Illinois on May 24, 1921. He graduated from McLeansboro High School in 1940, Southern Illinois University in 1948, and received his M. S. from the University of Illinois in 1954.

He taught aircraft engineering in the United States Air Force from 1942 to 1945. He spent 1945-46 in the South Pacific theatre as an aerial engineer on a B-24 with the "20th Long Range Black Hawk Photo Squadron" in the Philippines, Okinawa, and Japan.

He began his teaching career in an elementary school in 1942. In 1946 and 1947 he taught mathematics, science, coached all sports at the Bonnie High School (a one-man school system).

In 1948, he organized the vocational agriculture department at Troy and St. Jacob and is still serving the same communities as the Triad High School.

AIDS, May 1961

In 1951, these departments became eligible for competition. He has had many sectional winners, three district winners, one state winner, five sectional vice presidents, twenty State Farmers, and one American Farmer.

He has served on the State Advisory Board. He married a former teacher. They have three children -- Steven 7, Sherry 4, and Gregory 1.

He is a member of the Marine, Illinois Masonic Lodge and the Mississippi Valley Consistory of East St. Louis. He has served as a director of the Troy Legion Post during the construction of the \$60,000 building. He belongs to the Madison County Farm Bureau and is a member of the Board of the County Fair at Highland. He is a director of the Troy Savings Bank. His hobbies are sports and photography.

Keith McGuire

I. A. V. A. T. BANQUET

University Place Christian Church

Wednesday June 14, 6:00 P. M. , D. S. T.

Speaker: George T. Wilkins, Superintendent of Public Instruction - State of Illinois

Awards have been added for the 35 year men. An extra plate will be made to place on the desk pen sets. Men eligible for this are as follows:

W. G. Baysinger
T. W. Clarida
L. T. Clark
R. D. Eiler
Melvin Henderson
J. E. Hill
Carl C. Lewis
O. K. Loomis

O. O. Mitchell
Joseph C. Murphy
L. N. Patton
N. J. Smith
William Stumm
J. A. Twardock
F. H. Van Dyke
K. E. Wehner

An additional plate will be presented to 40 year men:

W. G. Baysinger
T. W. Clarida
L. T. Clark
J. E. Hill

If your name has been omitted, please inform a member of the banquet committee or one of the I. A. V. A. T. officers or directors.

VO-AG SERVICE

Announcements & Notes

Last issue of Volume 19 - Vo-Ag AIDS This issue (May) will be the last one of the current volume since we ordinarily do not issue copies for the months of June and July. It is possible that several changes may be made beginning with Volume 20 which ordinarily begins with the August issue.

M. H.

Order Blanks with the May AIDS. Three order blanks for items from Vocational Agriculture Service are enclosed with each copy of the May AIDS. Those wishing to be certain of being able to pick up items at the time of the Conference should fill out and return the pink colored form (and the blue colored one also if you wish slidefilms or sets of units already available) and mail those in time to reach our office on or before June 5. Of course, the blank for ordering 1961-62 Agricultural Releases, units and slidefilms can be returned any time between now and the deadline dates as indicated on that form. Please note that for 1961-62, the deadline for Agricultural Releases is when we reach the 550th order or October 1, depending upon which comes first.

Unless we are specifically notified to the contrary, we will assume that when any of the pink or blue colored order forms from Illinois teachers reach us between now and Conference time, the items are to be held for June Conference pick up. Please -- if you request orders for pick up at the time of the Conference, don't forget to pick them up at that time!

M H

Items for Pick Up June Conference Week. This year, as before, we will attempt to fill orders placed at Conference time, but we will have even less help this Conference week than we have had in the past and will have some extra work at that time. Consequently, if you wish to pick up items Conference week, please order those on or before June 5. See the announcement elsewhere in this issue under the heading of "Order Blanks with May AIDS". If you wish bulletins, circulars, and other items distributed through various divisions of the College, it is extremely important that you order these in advance if you expect to pick them up at Conference time.

M H

AIDS, May 1961

New Bulletins and Circulars. Copies of seven new publications have been received in our office since our last announcement in the AIDS. They are:

- Circular 828 - Controlling Giant Foxtail in Illinois
- Circular 829 - Tandem Tractors
- Circular 830 - Electric Heating Cable for Swine
- Bulletin 665 - Characteristics of Soils Associated with Glacial Till in Northeastern Illinois
- Bulletin 667 - Host-Parasite Relationships of the Clover Cyst Nematode, *Heterodera trifolii* Goffart
- Bulletin 668 - Performance of Commercial Corn Hybrids in Illinois, 1960
- Bulletin 669 - 1960 Performance of Experimental Corn Hybrids in Illinois

Copies of Circulars 828, 829, and 830 and Bulletin 668 were sent to Agricultural Release subscribers with the May mailings. Copies of Bulletins 669 and 667 were not sent because of their probable limited value to many teachers. Bulletin 665 pertains primarily to the soils of Northeastern Illinois. Teachers interested in securing single copies can, of course, obtain one in the regular manner. The Information Office tells us that it will be under only very exceptional conditions that they will be able to send quantities. Consequently, please do not request more than a single copy

M. H.

National Junior Vegetable Growers Association. We are indebted to R. O. Lyon of the 4-H Club Office for the following information regarding the National Junior Vegetable Growers Association:

"The National Junior Vegetable Growers Association is an organization for young people interested in fruit and vegetable production. Anyone between 14 and 21 years of age can participate. The projects this year include the -

1. Production and marketing Contest.
2. Demonstration Contest.
3. Judging, grading, and identification Contest.

The production and marketing contest stimulates and encourages young people interested in growing and marketing horticultural crops. It requires detailed records of production practices, costs, profits, and marketing methods. Any 4-H or FFA member may enter his garden project in this contest. The national contest will be held in conjunction with the NJVGA convention in Detroit, December 3, 4, 5, 6, and 7, 1961.

Enrollment cards and details on the project requirements can be secured from the state NJVGA adviser, R. O. Lyon, 412 Mumford Hall, Urbana, Illinois."

Dick made a trip to our building to discuss some of the details of the organization with us and I am sure will be interested in helping any vocational agriculture teacher or their students interested in the association.

M. H.

Advanced Orders for Slidefilms 1960-61. According to our records, all orders for slidefilms that were to be a part of advanced orders, were mailed on or before April 10. There were a few cases where teachers ordered prints of slidefilms that according to our records had been sent previously. In those cases, we assumed that the second order was an oversight and we did not send nor charge for a second print. If we were in error in that assumption, and if you actually wanted two prints, we trust that you will notify us accordingly. Of course, the charge cannot be made against your advanced order for slidefilms since statements for those have already been made up. The charge, however, can be made against your open account.

M. H.

Prentice-Hall Scholarship. The following announcement was received from Prentice-Hall, Inc.:

"The American Vocational Association and Prentice-Hall, Inc., publisher of books and services, have announced a fourth annual scholarship in the field of agricultural education. The \$500 award will go to a college senior, vo-ag teacher or other qualified college graduate desiring to do graduate work in agricultural education. Applicants are judged on the basis of scholastic achievement, leadership ability, professional accomplishment, and vocational agriculture experience in agricultural education.

Applicants for the 1961-62 award may apply to the Agricultural Education Department of any college or university offering such courses. The Head Teacher Trainer of institutions receiving applications may nominate one candidate to the Vice-President, Agricultural Education, American Vocational Association."

M. H.

Slidefilm entitled "Controlling Weeds in Corn". Dr. E. L. Knake, formerly of Vocational Agriculture Service and now Crops Extension Specialist, was in the office and gave us some information regarding their colored slidefilm (or set of slides) dealing with controlling weeds in corn. They have approximately 15 prints on hand. Those are priced at \$1.50 or those wishing the 35 frames, mounted on 2 x 2 slides, can purchase them at \$3.50 per set. When the current supply that they have on hand is exhausted, orders will be held until after the June Conference. If there are sufficient orders at that time, to justify their ordering additional prints, such prints will be ordered and deliveries made to teachers. If your orders are sent direct to Mr. Knake, 215 Davenport Hall, payment should accompany your request. If your order is cleared through our office, the charge can be made against your open account.

M. H.

Experimental Field Meetings. Vocational Agriculture teachers, their students, and any of those interested in attending experimental field meetings will perhaps wish to make

AIDS, May 1961

notes of the following dates and locations.

<u>Date</u>	<u>Field</u>	<u>County</u>
June 12	Brownstown	Fayette
June 13	Ewing	Franklin
June 14	Newton	Jasper
June 14	Raleigh	Saline
June 15	Toledo	Cumberland
June 16	Enfield	White

June 19	Carlinville	Macoupin
June 28	Urbana Agronomy Day	Champaign
June 30	DeKalb	DeKalb
August 10	Carbondale*	Jackson

August 30	Kewanee	Henry
August 31	Oquawka	Henderson
September 1	Aledo	Mercer
September 1	Oblong	Crawford

September 6	Hartsburg	Logan
September 7	Carthage	Hancock
September 7	Newton	Jasper
September 8	Clayton	Adams
September 8	Toledo	Cumberland

September 13	Carlinville	Macoupin
September 13	Dixon	Lee
September 14	Elwood	Will
September 14	Ewing	Franklin

*The field at Carbondale is operated cooperatively with Southern Illinois University.

M. H.

Pre-Emergence Weed Control Demonstration Kits. The crops extension section of the Agronomy Department has several kits available for demonstrating pre-emergence weed control in corn and soybeans. Each kit will contain approximately 4 liquid herbicides and 4 granular herbicides. There is to be enough of each of the 8 materials for making a band application to approximately 1/2 acre or a total of 4 acres.

Such materials as plot signs, stakes, a rain gauge, and calibration materials are to be included also.

The price of each kit is \$4.00, f. o. b. Urbana. Because of the limited supply, it will be necessary to limit orders to not more than one corn and one soybean kit per school and orders will be filled in the order in which they are received as long as the supply lasts. No orders will be accepted after May 15.

Schools in the Quackgrass area of Northern Illinois may request additional materials for Quackgrass control demonstrations. Schools in the Johnsongrass area of Southern Illinois may request additional materials for Johnsongrass control demonstrations. These materials can be added to the corn kits at no extra charge as long as the supply lasts.

Teachers ordering these kits should be willing to make a brief report regarding rainfall conditions, degree of weed control, and possible crop damage.

E. L. K. /R. L. C.

Order form for Pre-Emergence weed control kits:

TO: Vocational Agriculture Service - 434 Mumford Hall - Urbana, Illinois

Please send:

_____ Pre-Emergence corn kit @ \$4.00, f. o. b. Urbana

_____ Please add materials for Quackgrass control

_____ Please add materials for Johnsongrass control

_____ Pre-Emergence soybean kit @ \$4.00, f. o. b. Urbana

Teacher _____

School _____

INDEX TO ITEMS IN VO-AG SERVICE SECTION

	Page No.
Advanced Orders for Slidefilms - 1960-61	9
Experimental Field Meetings	9
Feed Prices	Inside back cover
Items for Pick Up June Conference Week.	7
Last issue of Volume 19 - Vo-Ag AIDS	7
National Junior Vegetable Growers Association	8
New Bulletins and Circulars	8
Order Blanks with the May AIDS	7
Pre-Emergence Weed Control Demonstration Kits.	11
Prentice-Hall Scholarship.	9
Slidefilm entitled "Controlling Weeds in Corn".	9

Sheep Shearing Equipment - We are indebted to Prof. G. R. Carlisle for the following information -

"The University of Illinois Livestock Extension specialists have for sale the following surplus shearing equipment:

2 shearmasters - these are machines that are 8 years old, but have been used only in sheep shearing schools. They have been overhauled and are in good running condition. Price (with 1 new comb and 2 cutters - \$25) (price of new machine - \$59.50).

3 dozen combs and cutters. These were new this year and have been used only in 1961 sheep shearing schools. Price - cutters 66¢ each - combs \$1.50 each (new price \$1.10 and \$2.50)."

Order from Prof. G.R. Carlisle, 326 Mumford Hall. Make check payable to Prof. Carlisle.

M. H. /G. R. C.

PRICE LIST OF FEEDS^{1/}

April 19, 1961

The feed prices for many of the feedstuffs used in vocational agriculture projects are listed below. This list is meant to be used as the basis of values for all boys obtaining their feed at home. All feed actually purchased should, of course, be recorded at prices paid.

Kind of feed	Cost per bu. , cwt. , or tons in dollars
Corn, shelled, bu. ^{2/}	1.00
Corn, ground shelled, bu.	1.10
Corn, ground ear, bu.	1.10
Oats, bu. . . . .	.54
Oats, ground, bu. . . . .	.64
Barley, (feed) bu. . . . .	.94
Barley, ground or rolled, bu.	1.04
Sorghum, grain, cwt.	1.68
Sorghum grain, cracked, cwt.	1.78
Garbage and kitchen waste, ton	8.50
Skim and buttermilk, cwt.	1.50
Whole milk, Grade B. , cwt.	3.00
Corn silage, ton	12.00
Sorghum silage, ton	11.00
Grass silage, ton	
No preservative added.	8.00
Preserved with 70-100 lb. molasses	10.00
Preserved with 150-200 lb. ground corn	11.00
Clover and mixed hay)	20.00
Cowpea hay)Add \$5 per ton	18.00
Soybean hay)for baled hay.	18.00
Alfalfa)and straw	20.00
Timothy hay).	18.00
Corn stover, ton	11.00
Oat straw	16.00

^{1/} Prepared by W. W. Albert, Dept. of Animal Science, University of Illinois
Urbana, Illinois

^{2/} High-moisture corn to be discounted at the rate of 1¢ for each 1/2% moisture
above 15.5%

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VO-AG AIDS

THE UNIVERSITY OF ILLINOIS
AUG - 3 1961
UNIVERSITY OF ILLINOIS

Volume 20, Number 1
August 1961

Issued jointly by
Vocational Agriculture Service, College of Agriculture
and
Agricultural Education Division, College of Education
University of Illinois
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Illinois State Board of Vocational Education

VO-AG SERVICE

Announcements & Notes

SPECIAL NOTICE

With each copy of this issue of the AIDS (other than copies being sent to vocational agriculture instructors in Illinois) is a card to fill out and return if you wish your name kept on our mailing list for the 1961-62 school year. Cards should reach our office by August 20 if you wish to be certain of receiving all copies during the remainder of the school year.

Cards are not being sent to vocational agriculture instructors in Illinois. Usually, information from our joint-staff meetings enables us to keep that list up to date without it being necessary for those teachers to contact our office in that regard. However, if our list is incorrect at any time, we would appreciate being notified accordingly.

Cards Listing Items Available From Vo-Ag Service. We now have sets of cards, consisting of approximately 250 4 x 6 cards, listing teaching aids available from our service. Each card lists a separate aid and gives a brief description of that aid as well as prices and other information about it. In some cases illustrations are used in an attempt to more satisfactorily describe the item. Cards are arranged alphabetically and also in numerical order by assigned code numbers.

New cards will be prepared as new items are released. Further, at least once a year (and probably twice each year) each person having a set of cards will be sent a check sheet listing cards that should be in a completed set. Upon return of that check list, Vocational Agriculture Service will furnish free any cards needed to bring the set up to date.

Alphabetical guides and file boxes are not included except for vocational agriculture departments in Illinois. Many already have those or they can be readily secured locally. The set of listing cards sells for \$1.25 f.o.b., Urbana, Illinois. In addition, postage is approximately 50 cents or less depending upon the zone to which they are to be sent.

Cards Listing Items Available From Vo-Ag Service (continued)

Sets of the foregoing have been distributed free to some 300 vocational agriculture departments in Illinois. We have a record of those who did not receive the sets and will continue to make the cards, guides and file cabinets available free to Illinois departments of vocational agriculture but we must charge shipping costs if you request that one be sent. Such charges can be made against your open account. Illinois teachers obtaining free sets of the filing materials will be expected to sign a card indicating that they will:

1. Keep the cards properly filed and in the metal file box provided for that purpose
2. Do their part toward keeping the file up to date
3. Leave the box and its file cards in the Vocational Agriculture Department if, and when, they move

M. H.

Rural Safety Helps. At the last meeting of the Illinois Rural Safety Council the president, D. F. Alverson, promised that we would have, for either the August or September issue of the AIDS, a list of representatives of the Council who might be available to assist vocational agriculture teachers in Rural Safety Programs in which they participate during the 61-62 school year. The plan is to have a representative available in each of the 25 vocational agriculture sections. While we do not have that list at the present time we expect that the list will be complete and available for inclusion in the September AIDS. We make the announcement at this time to call your attention to the fact that assistance will be available through the Council. If you need assistance before the September AIDS reaches you, I suggest that you contact Mr. Alverson. His address is Farm Underwriters' Association, 304 N. Main Street, Rockford, Illinois

M. H.

Fire Extinguishers - Sale of, By FFA Members. O. L. Hogsett, Extension Safety Specialist, has given us the following:

It has been brought to my attention that a large number of FFA chapters have been selling fire extinguishers as a way to make money and do the community a service. But upon checking, I find that they are not selling an approved extinguisher. They are selling the small aerosol can or the glass bulb type. These are not approved by the Underwriters Laboratories and contain one of three poison liquids which give off poisonous fumes. Plus the fact that 10-12 ounces of extinguishing agent won't put out much of a fire.

Instead of doing the community a service, you are selling false security and a hazard. You are to be commended for wanting to do a community service, but don't be taken in by these enterprising individuals who come to you with a car load of these extinguishers.

There are numerous reliable fire extinguisher companies who will give you a good deal on selling an approved extinguisher. Just contact them and explain what you want to do. But what ever you do, stop selling these small unapproved fire extinguishers.

O. L. H. - M. H.

Check Sheet For Cards Listing Vo-Ag Service Items. Elsewhere in this issue will be found an announcement regarding cards listing items available from Vo-Ag Service. That announcement indicated that new cards would be prepared as new items are released. Further that a check sheet would be sent so that teachers could obtain free, those cards needed to bring their set up to date. The first of those check sheets will be found stapled on the outside of the cover of each copy of the August AIDS that is sent to a vocational agriculture teacher in Illinois. We, of course, have a record of others who have sets of cards. Check sheets will be sent to those teachers, individually. The check sheet gives information in connection with bringing the sets of listing cards up to date.

NOTE: Those interested in securing sets of the cards should refer to the announcement on page 1 and 2 of this issue under the heading of "Cards Listing Items Available From Vo-Ag Service."

M. H.

I. A. V. A. T. Committees. Enclosed with each copy of the August AIDS being sent to vocational agriculture teachers in Illinois will be found a page listing I. A. V. A. T. committees and members for 1961-62. Teachers may wish to file this material and we thought perhaps it might thus be advisable to staple it as a part of the August AIDS. Of course, those teachers wishing to file the material separately can easily remove it from the AIDS.

M. H.

Questions On Units Distributed 1960-61. Many of our readers who secured copies of the units that were distributed for the first time last year will recall that we prepared a set of questions to accompany each of the 15 units. These were prepared on the basis of a suggestion made by our Advisory Board. Apparently the idea was not as well accepted by our teachers as some thought it might be. As a result we have several hundred copies of the questions remaining for units which they were prepared. The unit numbers were 1024-1028, 2020-2025, and 4036-4039 inclusive. If you have copies of those units and feel that you can use the questions to advantage, please let us know the number needed for each unit and those will be sent free except for shipping charges. Shipping charges for Illinois schools having open accounts with us can be made against such accounts. The same is true for out of state schools that have open accounts because of subscribing to Ag. Releases or because of placing an advanced order for 61-62 units or slidefilms.

M. H.

1961-62 Units - Single sets. We note that several teachers who have ordered Agricultural Releases are at the same time ordering single sets of the subject matter units to be released this year. We wish to call attention to the fact that for some years it has been our policy to include a single copy of each unit we release during the year with the Agricultural Releases for that year. In other words, subscribers to Agricultural Releases will automatically receive a set of the units released that year.

M. H.

Dairy Holders Contest. Mr. J. A Twardock has asked that we put the following information in the August AIDS regarding the Dairy Holders Contest. If there are any questions regarding the announcement we suggest that you contact Mr. Twardock who, of course, is vocational agriculture instructor at Champaign High School.

Gary Senteney	Atwood	
Ted Pyatt	Pinckneyville	1st medal
Marion Bliss	Oblong	
Jim McCoy	Tiskilwa	2nd medal
Kirby Schmidt	Sherrard	(yellow-sweater)
Jim Burnham	Macomb	
Keith Cramer	Macomb	3rd medal
Don Sterling	Atlanta	
David Schmidt	Kaneland	
Don Summers	Hamilton	
Bill Schafer	Lostant	No Tie
Bob Provst	Newton	
Pat Jansen	Newton	
John Homes	Kewanee	
Ronald Bumphrey	Kewanee	
Bill Stambaugh	Abingdon	
Carl Hesterberg	Rantoul	} No Tie
Jerry Wratcher	Rantoul	
Bob Lamendoula	Champaign	
Steve Troutter	Champaign	
		Pearson - Sparland
		Witt - Bradford
		Jenson - Brocton

Timing Lights In Tractor Maintenance Kits. We understand that at the time of the June Conference some teachers were given the impression that the timing lights that were (and are) a part of the tractor maintenance kits were not suitable for use with timing work in connection with modern tractors. We have very carefully checked on that matter. It is true that there are the lights available that are much more useable. Such lights, however, cost several times as much and while they might be worth the extra cost for those doing a considerable amount of timing there is doubt as to whether most teachers would feel justified in spending the additional amount. The lights that have been (and are) a part of the tractor maintenance kits are useable. Mr. Espenschied of our office has checked that matter with members of the Agricultural Engineering Department and, of course, Professor Matthews, who originally made up the kits, checked with Agricultural Engineering at that time regarding every item to be included.

M. H.

Ag. Release Orders; Advanced Orders For Slidefilms
Orders For Subject Matter Units (61-62)

As of this date (July 18), we have 491 subscriptions for Ag. Releases; 231 have placed advanced orders for slidefilms to be released during 61-62 (up to a maximum of \$25.00) and 4,284 copies of subject matter units to be released this year have been ordered to date. Please note that the deadline for Ag. Releases is October 1, or whenever we receive the 550th subscription depending upon which comes first. So far as we know acknowledgments have been sent to all whose orders for either of the three items have been received in our office to date. The deadline date for advanced orders for slidefilms and for advanced orders for 1961-62 units is October 1, 1961.

M. H.

Items Available From Vo-Ag Service. If you are interested in having up-to-date information regarding items available from Vo-Ag Service, please refer to the announcement on page 1 of this issue entitled "Cards Listing Items Available From Vo-Ag Service.

M. H.

Teachers Eligible For Using Surveying Kits. We realize that the following list may contain errors. Consequently if you are a vocational agriculture teacher who has attended one of the one-day surveying courses on using the surveying kits, please check to make certain whether your name is on the following list. If it is not on that list, please notify us and tell us where you took the course and if convenient the approximate date (at least the year). This will be to your advantage in case you wish to make use of the surveying kit since one of the conditions for eligibility is that you have attended a one-day course regarding use of the material.

M. H.

This is the most up-to-date list we have of the teachers who have attended the short courses on surveying:

Ahlf, Vance	Brock, Curtis	Davis, Robert
Anderson, Kenneth N.	Brown, Robert	Deason, Raymond
Asbury, W. C.	Bucy, William E	Diamond, Glen E.
Aupperle, Eldon	Burkhalter, Melvin	Dobbs, Donald
Barrett, Donald	Buswell, Ralph	Dowell, W. H.
Bateman, Donald	Butler, Virgil	Drake, Harold
Behle, Eldon	Buzzard, Rothell D.	Dunn, Richard
Behm, E. J.	Chapman, Carl	Eiler, R. D.
Best, Charles	Chapman, Eldon	Esarey, John Clark
Bidner, J. Gordon	Combs, Gordon	Esarey, Kermit
Bliler, James W.	Coyle, N. J.	Ewan, John
Bokemeier, V. M.	Crawford, Frank	Farr, Donald
Bottrell, Orville	Cunningham, James	Farrell, W. H.
Brewer, O. M.	Daigh, P. H.	Finch, Dean K.
Brock, Carl S.	Daley, Thomas	Forgey, George

Teachers Eligible For Using Surveying Kits (continued)

Foster, Virgil M.	Langhorst, Myron	Roseo, Robert
Fry, Clyde E.	Launius, Delmar R.	Russell, Fred
Gaither, Wm.	Legate, W. C.	Saueressig, R. E.
Garrison, John	Lewey, Russell	Schaper, Fred
Gaskill, Edgar A.	Lewis, Carl C.	Schmidt, Warren E.
Gaston, Carl	Lipe, James	Schrader, Wendell
Geissler, Carl	Littlefield, Bob	Schriefer, D. L.
Gerber, Maynard	Loomis, O. K.	Schroder, Ben
Glaeser, Paul J.	Lubben, William	Schutte, Albert C.
Goodman, Ralph	Luber, Leon E.	Seibel, Ronald
Gowler, Carl L.	Malmgren, Paul	Seibert, Chester
Gowler, C. M.	Marshall, William	Senger, Paul
Graham, Burdette	Martinie, Bill	(1/2 day)
Griffin, Joe	Mayer, Leon A.	Smith, Richard
Griffith, James C.	McCausland, Carl J.	Spicer, William
Guilinger, James	McConville, Dale	Stengel, Melvin
Guthrie, John E.	McDonald, Marvin	Swink, Leavell
Hahn, Maurice F.	McGuire, Keith	Taylor, Dennis
Hale, Charles L.	McIntire, Elbert	Taylor, Jack
Hall, Harold	Meyer, Roland W.	Templeton, Louis
Hall, Joe	Miller, Carl L.	Terwilliger, John
Hammond, A. C.	Milligan, Robert	Thornton, Wm. R.
Haraldsen, Anton	Moore, Emerson	Threlkeld, Calvin
Harn, Charles L.	Morine, Charles	Tieken, Albert
Heape, Homer	Morris, Fred	Tipton, Clarence R.
Hefty, Roy	Morrissey, Don	Traver, Earl A.
Heiderscheid, M. V.	Murphy, Joseph C.	Tripp, Lloyd
Herstrum, Alfred	Murry, Bobby L.	Trucano, Vern
(1/2 day)	Murzynski, Ted	Twardock, Art
Hockett, Williford	Nicol, Melvin J.	Vale, Harold
Holak, William	Patton, L. N.	Warner, Harold A.
Hillen, Lowell	Pearson, C. R.	Webb, Glenn
Hopwood, Donald	Pence, Don B.	Webb, Jim
Huber, Harold	Petersen, Frank	Weger, Russell
Huggins, Irving M.	Pillen, Wayne R.	Wegman, Sam
Hopping, Robert	Pohlman, N. F.	Welles, Marion F.
Hughes, John	Poole, Kenneth	Welling, Ronald
Inman, Russell	Prisock, Leonard M.	Wells, Leland C.
Jackson, Sherwood	Raglin, Charles M.	Wells, Luther
Jenkins, Clark N.	Rawlings, R. T.	Whitten, Don
Jenkins, Paul	Rice, E. L.	Wick, Clifton E.
Jurgens, Robert V.	Rich, Billy Lee	Wiechman, Donald
Kerr, Don	Rich, Wayne M.	Wiley, Glenn E.
Knell, Kenneth	Richter, George	Willson, Louis
Knox, Tom	Roberts, M. G.	Wise, Roy K.
Koop, Homer	Roberts, Nelson P.	Wolford, Daniel
Lampe, Gilbert E.	Rohlfing, Robert	Young, Frank

Boxes of Electrical Wiring Supplies. The following questions and answers may be of help to those interested in using the boxes of electrical wiring supplies during the school year 1961-62.

How long may a box of wiring supplies be kept?

The person requesting the box sets the time he wishes to keep the material. We ask only that:

- a. The length of time be reasonable.
- b. Enough time be allowed to make an extension unnecessary. (We schedule boxes for the time requested and sometimes may not be in a position to grant extensions without interfering with the schedule of another school.)

What is the cost of using the materials?

Costs of using the wiring supplies includes the following:

- a. Charge for the items broken, damaged, or lost between the time the box arrives at your school and the time it arrives at our building on Florida Avenue.
- b. Express charges from and to our building on Florida Avenue. (If preferred, the box can be picked up and delivered to eliminate shipping charges.)
- c. A charge of \$1.50 per hour for time required to check, recondition, and repack the box.
- d. An additional charge of \$5.00 per box, regardless of time used. (This is necessary if we are to continue this program. We now have an investment of more than \$11,000 in the boxes. No charge has been made to users for that initial cost. From time to time we find it necessary to add new items and remove those that have been discontinued. The \$5.00 charge is to help handle some of the expenses relating to such changes.)

Under what conditions are boxes of supplies loaned?

Boxes are loaned only to Illinois teachers of vocational agriculture and on the basis of signed loan agreements. In the loan agreement the teacher agrees to:

- a. Return the box when due (on the basis of the date he sets).
- b. Return the material by prepaid express unless he returns it himself.
- c. Pay for the time required to check, recondition, and repack the box at \$1.50 per hour.
- d. Pay the flat charge of \$5.00 per box.

Can two or more schools use the same box of supplies during a given period of time and thus save checking, packing, and other expenses?

- a. Schools can save by two or more using the same box, and Vocational Agriculture Service has no objection to that being done. We, however, will have no part in prorating the charge between two or more schools. We will schedule the box on the basis of a loan agreement signed by one school and for as long as an entire semester or school year if necessary. In that time several schools can use the materials with one set of shipping charges, one set of packing charges, and one flat rate charge of \$5.00, but we will bill the one school signing the loan agreement for the entire charge against the box. The individual schools must do their own prorating of charges.

How can I remove questions regarding the checking of items in the box when returned?

- a. By arranging, in advance, to be present when the box is rechecked. After the boxes are rechecked, we have no way of correcting discrepancies that you think may exist.

M. H.

Boxes of Electrical Wiring Supplies The following questions and answers may be of interest to those interested in using the boxes of electrical wiring supplies during the school year.

1961-62

How long may a box of wiring supplies be kept?
The person requesting the box sets the time he wishes to keep the material. We ask only that:

- a. The length of time be reasonable.
- b. Enough time be allowed to make an extension unnecessary. (We schedule boxes for the time requested and sometimes may not be in a position to grant extensions without interfering with the schedule of another school.)

What is the cost of using the materials?

- Costs of using the wiring supplies includes the following:
- a. Charge for the items broken, damaged, or lost between the time the box arrives at your school and the time it arrives at our building on Florida Avenue.
 - b. Express charges from and to our building on Florida Avenue. (If material the box can be picked up and delivered to eliminate shipping charges.)
 - c. A charge of \$1.50 per hour for time required to check, recondition, and re-pack the box.
 - d. An additional charge of \$2.00 per box, regardless of time used. (This is necessary if we are to continue this program. We now have an investment of more than \$1,000 in the boxes. No charge has been made to users for that initial cost. From time to time we find it necessary to add new items and repair those that have been deteriorated. The \$2.00 charge is to help handle some of the expenses relating to such changes.)

Under what conditions are boxes of supplies loaned?

- Boxes are loaned only to Florida teachers of vocational agriculture and on the signed loan agreements. In the loan agreement the teacher agrees to:
- a. Return the box when due (on the date of the date he sets)
 - b. Return the material by prepaid express unless he requests it himself.
 - c. Pay for the time required to check, recondition, and re-pack the box at \$1.50 per hour.
 - d. Pay the flat rate of \$2.00 per box.

Can two or more schools use the same box of supplies during a given period of time and thus save shipping, packing, and other expenses?

- a. Schools can save by two or more using the same box, and Vocational Agriculture Service has no objection to that being done. We, however, will have no part in promoting the change between two or more schools. We will schedule the box on the basis of a loan agreement signed by one school and for as long as an entire semester or school year if necessary. In that case several schools can use the materials with one set of shipping charges, one set of packing charges, and one flat rate charge of \$2.00, but we will still be loaning against the loan agreement for the entire charge against the box. The vocational schools must do their own packing of course.

How can I receive questions regarding the borrowing of these boxes when returned?

- a. By arranging, in advance, to be present when the box is re-packed. After the boxes are re-packed, we have no way of contacting the teachers and you think may exist.

POLICIES AND PROCEDURES

Open (charge) Accounts with Vocational Agriculture Service. For 1961-62, we again will automatically set up an open (charge) account for each and every school in Illinois having an approved vocational agriculture department. The following applies to such accounts

1. Charges of less than \$5.00 will be accumulated on our records until the total is \$10.00 or more.
2. On charges of \$5.00 or more a statement will be sent when shipment is made.
3. After the total reaches \$10.00 or more, or at the approximate end of the school year (depending on which occurs first) a statement will be sent covering accumulated charges on the open account.
4. We will render statements for charges of less than \$5.00 only
 - a. if we are specifically requested to do so
and
 - b. if at the time such request is made, we are assured that the statement will be paid within 30 days.

Adding Items to or Deleting Them From Statements. Whenever you wish to have an item added to or deducted from one of our statements, or any other change made, please return the original (white) copy of the statement with your request so that it as well as our file copies can be corrected.

We try to fill orders on the day they are received, or at least not later than the following day. If you order items one day and send another order the following day and ask that it be put on the same statement, it may be impossible because the first order may already been shipped and the statement forwarded.

Participation of Agricultural Staff Members in Off-Campus Meetings. So far as we know, there have been no recent changes in policy regarding help from the College of Agriculture for evening-school meetings. Since beginning teachers may not be familiar with the policy, however, we are repeating certain parts of it.

1. In order to avoid conflicts and duplication within the county, vocational agriculture teachers should confer with farm advisers before making requests for services of staff members. Teachers may then send their requests either to Vocational Agriculture Service, 434 Mumford Hall (Telephone Extension 186) or direct to the individual or department concerned.

Policies and Procedures (continued)

2. Before accepting a request that comes direct to a staff member or a department, the staff member or department should check with Vocational Agriculture Service to determine whether any other member has been secured for the series of meetings.
3. Normally only one speaker will attend any one series of vocational agriculture meetings.
4. As a general policy, no charge will be made for travel unless the meeting requires a special trip that would, in the judgment of the head of the department, justify such a charge, or unless the meeting is part of a program where funds are available for paying such travel.

Although it is not required that you make your requests through your farm adviser, we believe you will find that procedure advisable. By so doing, you may increase your possibilities for getting help from the college, and you may find it possible to secure more than one person for a given series of meetings. Furthermore, it is not likely that you will have to pay travel expenses for help secured from the college through the farm adviser.

You also have the privilege of sending your requests for help direct to Vocational Agriculture Service, to the person you wish to secure, or to the department from which you wish help.

Vocational Agriculture Service is willing to have you send your requests direct to us. It has not been unusual for us to make several phone calls and sometimes several personal calls in attempting to get the help you request. We are glad to be of help, but we feel that there have been times when teachers might have been more certain of getting the person or the help they needed if they had sent their requests direct to the individual. It sometimes happens that a staff member does not have the requested date or dates open, but he may be in the area on some other date near that time and we may not know whether that would fit into your schedule. While we try to follow up on such possibilities, I am sure you can see the advantages of dealing directly with the individual.

The two suggestions mentioned above, (1) having your farm adviser request the help for you and (2) contacting the individual directly if you do not wish to secure him through your farm adviser, are offered in an attempt to assist you in getting the help you need.

Prices on Vocational Agriculture Items In general, Vocational Agriculture Service bases its prices on duplicating and distributing costs and does not attempt to recover salaries and similar costs that go into production of the item. In fairness to all, we have adopted a policy of pricing items f.o.b. Urbana, unless otherwise indicated. This certainly should not handicap those who have an open account with us. Those who do not have an open account and whose orders total less than \$5.00 should include postage cost with payment. Any excess amount allowed for postage will be returned.

M. H.

Plan for Grouping Charge Orders from Different Divisions of the College of Agriculture.

Vocational agriculture teachers can continue to order through Vocational Agriculture Service, any charge items distributed by cooperating divisions of the College and have all items charged on a single statement. In general, items will be sent to you by the division that ordinarily distributes them, but the division will charge Vocational Agriculture Service and not your school. We will then bill you on one of our statements. That will make it unnecessary for you to try to remember various policies with respect to payment.

M. H.

Payment of Postage on Publications. As we have announced at various times in the past, schools ordering bulletins or circulars from the College of Agriculture will be expected to pay transportation costs unless the order is small enough to permit franking the publications. If the order weighs four pounds or less, the shipment can be sent by franked mail. Shipments weighing more than that amount will be sent by express collect unless Parcel Post or United Parcel service charges are cheaper. Shipping charges advanced by Vocational Agriculture Service will be charged against the open account of schools ordering.

M. H.

Request for Bulletins and Circulars from the College of Agriculture. The following may give you information regarding the policy relating to distribution of bulletins and circulars from the College of Agriculture to those in the vocational agriculture program.

1. You may send requests to VOCATIONAL AGRICULTURE SERVICE for library copies of all Illinois bulletins and circulars needed in your vocational agriculture program. In general, copies distributed through our office are expected to be kept as a part of the agriculture library, although we realize that occasionally you will find it advisable to give a copy of the publication(s) to someone who has a particular need for it.

2. You may wish to advise those desiring copies of certain Illinois bulletins and circulars for their personal files to attempt to secure those through their local farm adviser. Where it seems advisable, you may wish to make arrangements with your farm adviser for obtaining copies of publications needed for the personal files of those individuals whom you are attempting to serve.
3. Order copies of publications for classroom use only if you are sure you can use them to advantage. If in doubt, get a single copy first and examine it carefully to see if it is suited to your purpose.
4. Order the minimum number of copies of publications that will enable you to conduct your work efficiently and effectively. Even if you have 45 students enrolled, you probably will not need 45 copies of a publication, especially if the students meet at different times or can otherwise arrange to use the same copies.
5. Unless publications requested are in reserve or out of print, your order will usually be filled according to your request if it conforms with the ratings given the publications by the committee of the I. A. V. A. T.
6. The committee rating will be overlooked on publications not rated "s" (suitable for class use) if you present sufficient evidence of need to justify the extra copies. This should include evidence that you are thoroughly familiar with the publication, as well as evidence that the extra copies can and will be used to good advantage in the classroom.
7. Ordering quantities of numerous publications ranked other than "s" by the I. A. V. A. T. committee may indicate a lack of information on your part. Consequently, before ordering quantities of any given publication, make sure that they can be used to good advantage

M. H.

NOTE: The committee ratings on publications are no longer available for distribution. Experience has taught us that too many teachers simply follow the plan of ordering according to the committee ratings rather than according to their needs.

NEW BOOKS

The following have been added to our library since the last issue of the AIDS. All of our books are available for review in our office by those interested. As long as the editions are current, they will be included in such exhibits as the one at the Annual Conference of Vocational Agriculture Teachers.

Teachers who are interested in securing copies for their own use should write direct to the publisher.

EDUCATORS GUIDE TO FREEFILMS. Twenty-first Annual Edition, 1961. \$9.00.
Educators Progress Service, Randolph, Wisconsin.

The folder that accompanied this publication gave the following information:

"This edition replaces all volumes and supplements which have preceded it. It is a complete, up-to-date, annotated schedule of FREE films -- bringing you the compiled information on FREE films for your immediate use, all at your finger tips, within the covers of a single book. Many films "rented" to schools by other agencies are FREE from sources in this FILM GUIDE.

"This TWENTY-FIRST ANNUAL EDITION lists 4,339 titles of films, 683 of which are not listed in the previous edition. All new titles are starred (*).

"During twenty-one years, the GUIDE has grown -- from a listing of 671 titles, to this volume of 4,339 titles. Perhaps of equal significance, the improvement in the quality of free films has paralleled the increase in the number offered. This Guide provides rich supplementary visual materials at a minimum cost."

CAPITAL AND CREDIT NEEDS IN A CHANGING AGRICULTURE. Edited by E. L. Baum, Howard G. Diesslin, and Earl O. Heady. 1961. \$4.95. The Iowa State University Press, Ames, Iowa.

The following information is taken from the preface:

"Part I is concerned with the nature of the growth problems in agriculture, the determinants of capital formation, the basic structure of the capital market, indications of changes in capital productivity in different agricultural regions, and trends in credit. This introductory section provides the background for discussions on the effects of technology, vertical integration, and agricultural adjustments as they are related to capital and credit needs (Part II)

"In part III the authors are primarily concerned with evaluating our farm credit institutions and the functioning of the credit market. These evaluations serve as a basis for recommending improvements in the credit structure to meet changing needs in the different sectors of agriculture.

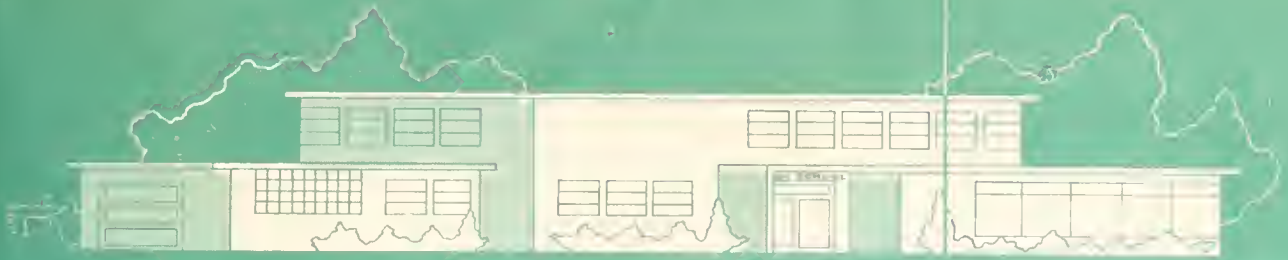
"Since the recommendations for improvement dwell heavily upon the need for greater education of both borrowers and lenders, Part IV is the human factor. . . Chapters dealing with selected research on capital and credit problems are presented in Part V."

CELL HEREDITY. Ruth Sager and Francis J. Ryan. 1961 \$7.50. John Wiley & Sons, Inc., 440 Park Avenue South, New York 16, New York.

The following is taken from the preface:

"This book is addressed to the curious-minded of all ages from college students to mature scholars in disciplines other than genetics. It is written out of an awareness that genetics is rapidly becoming of keener interest to scientists in other fields, as the impact of genetic determinants is felt in their experiments, and to students in search of challenging research problems. It is written especially in the hope that for some readers the acquisition of a broader understanding about a particular branch of science may be an exhilarating intellectual experience."

Some of the 13 chapter headings are: The chemical basis of heredity, The mutable unit of heredity, Recombination and sexual organisms, Cytogenetic correlations and crossing over, and The summing up.



AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

Dr. Deyoe Dies. Dr. George P. Deyoe, Professor of Agricultural Education, University of Illinois, died on July 14, 1961, following a heart attack. He was 60 years old.

His death came on the last day of the four-week summer term. He had taught two classes during the summer.

His many contributions to agricultural education during a career extending over 38 years are well known. He served as teacher of vocational agriculture at Belle Plaine and Vinton, Iowa, 1923 to 1927. From 1928 to 1937 he was a teacher of agriculture, science, and education at the State Teachers College, Platteville, Wisconsin. From 1937 to 1947 he was a member of the staff in agricultural education at Michigan State University. He had held his latest position since 1947.

He grew up on a farm near Mason City, Iowa. His undergraduate work was done at Iowa State University. He received the master's degree from the University of Chicago and the doctor's degree from Teachers College, Columbia University.

His best known books were *Farming Programs in Vocational Agriculture*, *Agriculture in Our Lives*, *Living on a Little Land*, *Raising Swine* (with Krider), and *Raising Livestock* (with Petus). He was a frequent contributor to the *Agricultural Education Magazine*. He has been, for several years, the member of the Editing-Managing Board of the *American Vocational Journal* representing agricultural education.

He had advised many doctoral students, who are now widely scattered throughout the world. In recent years he had been the special adviser to foreign and out-of-state students. Some of his strongest ties were with students and former students from other countries.

His wife, Mrs. Edna Zimmerman Deyoe, died on July 31, 1960. He is survived by a son, John Deyoe, a student at Eastern Illinois State College and two sisters, Mrs. Marion Sweetman of Storrs, Connecticut, and Mrs. James Campbell, Mankato, Minnesota.

The members of the staff of the Division of Agricultural Education, College of Education, University of Illinois have lost a most capable colleague and a warm and helpful friend.

H. M. H

SOUTHERN ILLINOIS UNIVERSITY

C A R B O N D A L E

I L L I N O I S

July 14, 1961

News from Southern

Letter No. 5

The IAVAT Advisory Committee met with the members of the Agricultural Industries Department and the Assistant Dean in Springfield last March 25.

Two of several recommendations made by the committee included (1) that the new School of Agriculture monthly publication, "Agriculture at Southern", be mailed to all Vo-Ag teachers in the state, and (2) that all Vo-Ag teachers be mailed a list of SIU scholarships and other scholarships honored at SIU. This has been done. The Advisory Committee will meet again with Southern's staff at Carbon-dale on Saturday, October 28.

Approximately 135 high school students, together with Vo-Ag teachers and some parents, attended and participated in the School of Agriculture's first annual high school guest day on April 15. It rained all day, but many favorable comments were made about the program. Suggestions for improvement from those attending would be welcomed.

The District 5 F.F.A. public speaking contest was held in the Agriculture Building on April 19 with several staff members assisting with the judging contests, and Section 25 livestock, dairy, grain, and poultry judging contests were held on the campus May 5.

During the past school year, over 50 schedulings were made of the movie, "Dynamic Careers in Agriculture", through the Dean's Office. Staff members in more than 20 schools discussing the topic, "Careers in Agriculture".

Ten students qualified to teach vocational agriculture this school year. Of this number, six plan to teach. Graduate work and the military will take the others. Two of last years graduates who have been working on Master's Degrees have accepted teaching positions for this next school year.

Dr. Alex Reed, Chairman of the Animal Industries Department, will participate in the Southern Illinois University South Vietnam Program for the next two years. He left July 1. Dr. J. E. Burnside will be Acting Head during Dr. Reed's absence.

Six foreign graduate students in agriculture are enrolled in a non-credit orientation course this summer. It is one of three such experimental approaches in the United States. One half of each day is given to English and speech and the other half day is devoted to the various phases of agriculture. The course is for the duration of the eight weeks summer session.

Courses available for this fall quarter carrying graduate credit which my interest Vo-Ag teachers include Ag. I. 473 - 4 hrs., "Agricultural Materials Handling", 8-12 on Saturday; Sociology 487 - 4 hrs., "Community Development", 6:30-9:00 p.m. on Monday evenings.

Letter No. 5 (cont.)

July 14, 1961

It is now possible to receive graduate credit for certain workshops held on campus. For additional information, write the Agricultural Industries Department.

Dates for Your Calendar: Agronomy Field Day at the SIU Station, August 10
Coop Workshop in the Agriculture Building, Nov. 10-11

INDEX

	<u>Page No.</u>
Special Notice	1
Advanced Orders for Slidefilms for 1961-62	5
Advanced Orders for Subject Matter Units for 1961-62	5
Agricultural Release Orders for 1961-62	5
Boxes of Electrical Wiring Supplies.	7
Cards Listing Items Available From Vo-Ag Service	1-2
Check Sheet for Cards Listing Vo-Ag Service Items	3
Dairy Holders Contest.	4
Feed Prices	Inside back cover
Fire Extinguishers - Sale of, By FFA Members	2
I. A. V. A. T. Committees	3
Items Available From Vo-Ag Service	5
Questions on Units Distributed During 1960-61	3
Rural Safety Helps	2
Teachers Eligible for Using Surveying Kits	5-6
Timing Lights in Tractor Maintenance Kits	4
Units - Single Sets - 1961-62	3
Policies and Procedures	8-11

PRICE LIST OF FEEDS ^{1/}

The feed prices for many of the feedstuffs used in vocational agriculture projects are listed below. This list is meant to be used as the basis of values for all boys obtaining their feed at home. All feed actually purchased should, of course, be recorded at prices paid.

	Cost per bu., cwt., or tons in dollars		
Kind of feed	May 20	June 20	July 20
Corn, shelled, bu. ^{2/}	1.03	1.01	1.03
Corn, ground shelled, bu.	1.13	1.11	1.13
Corn, ground ear, bu.	1.13	1.11	1.13
Oats, bu.	.59	.57	.62
Oats, ground, bu.	.69	.67	.72
Barley, (feed) bu.	.96	.90	.96
Barley, ground or rolled, bu.	1.06	1.00	1.06
Sorghum, grain, cwt.	1.80	1.94	1.95
Sorghum grain, cracked, cwt.	1.90	2.04	2.05
Garbage and kitchen waste, ton	8.50	8.50	8.50
Skim and buttermilk, cwt.	1.50	1.50	1.50
Whole milk, Grade B., cwt.	3.00	3.00	3.00
Corn silage, ton	12.00	12.00	12.00
Sorghum silage, ton	11.00	11.00	11.00
Grass silage, ton			
No preservative added	8.00	8.00	8.00
Preserved with 70-100 lb. molasses	10.00	10.00	10.00
Preserved with 150-200 lb. ground corn	11.00	11.00	11.00
Clover and mixed hay)	20.00	19.00	20.00
Cowpea hay Add \$5 per ton	18.00	18.00	18.00
Soybean hay) for baled hay	18.00	18.00	18.00
Alfalfa) and straw	20.00	19.00	20.00
Timothy hay)	18.00	18.00	18.00
Corn stover, ton	11.00	11.00	11.00
Oat straw.	16.00	16.00	16.00

^{1/} Prepared by W. W. Albert, Dept. of Animal Science, University of Illinois
Urbana, Illinois

^{2/} High-moisture corn to be discounted at the rate of 1¢ for each 1/2% moisture
above 15.5%

Pasture Rates*

	<u>Cost per day</u>
Calves and colts, 6-11 mos.	\$.06
*Cattle and colts, 12-24 mos.	\$.09
*Cattle, 24 mos. and older	\$.12
Lambs up to weaning	\$.01
Sheep - yearlings and mature	\$.025
Pigs, 50-100 lbs.	\$.0025

* Full fed cattle on pasture, reduce by 2/3

* Limited fed cattle on pasture, reduce by 1/3

VOCATIONAL AGRICULTURE SERVICE
University of Illinois - College of Agriculture
434 MUMFORD HALL - URBANA, ILLINOIS

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VO-AG AIDS

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SEP 14 1961
UNIVERSITY OF ILLINOIS

Volume 20, Number 2
September 1961

Issued jointly by
Vocational Agriculture Service, College of Agriculture
and
Agricultural Education Division, College of Education
University of Illinois
In Cooperation with
Illinois State Board of Vocational Education



I AVAT NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

From the Office of the President

Banquet Awards

We have two ten-year lapel buttons and one twenty-year key remaining from the banquet at the June Conference. If you three members would identify yourselves, I would be glad to mail you the award.

I. L. Brakensiek

Glad to hear that I. L. Brakensiek is out of the hospital and recovering in good shape. We hope this finds him in top condition or as the astronauts would say, "Everything, A-O.K."

Dr. George P. Deyoe

Our deepest sympathy goes to John Deyoe in the loss of his father, Dr. George Deyoe, who passed away July 14, 1961. We have lost a real friend in the Agricultural Education field and will always remember his radiance of inspiration in our work.

NVATA Region IV, Summer Conference

George Irvine, J. W. Berger and myself represented the IAVAT and acted as hosts to the Region IV NVATA Summer Conference at Southern Illinois University on June 26 and 27. Region IV consists of Missouri, Kentucky, Michigan, Ohio, Indiana, and Illinois. W. S. Weaver of Delphi, Indiana, Region IV Vice-President, presided as the officers of the State Associations discussed business to be conducted at AVA Convention in Kansas City, December 2-6. It was also an exchange of ideas between these state associations.

The staff at Southern Illinois University, School of Agriculture certainly went all out in providing services and facilities for this meeting.

Memberships as reported by State Representatives were as follows:

Illinois-----	508	-- 100% for 1960-61
Indiana-----	306	
Kentucky-----	272	
Michigan-----	224	
Missouri-----	276	-- 100% for 1960-61
Ohio-----	378	

Illinois and Missouri were the only two states with 100% membership last year. Let's keep Illinois in the 100% bracket and get those dues into Joe by October 1, 1961.

The following shows the dues paid by members in the different State Associations in Region IV. These are all package dues.

Michigan	\$16.50	Kentucky	\$15.00
Missouri	\$16.50	Ohio	\$14.50
Indiana	\$16.00	Illinois	\$11.50

Illinois is the only State Association in Region IV which does include Agriculture Education Magazine in the package dues.

Future NVATA Convention sites:

Kansas City-----	1961
Milwaukee-----	1962
Atlantic City-----	1963
Minneapolis-----	1964

This meeting reemphasizes to me how fortunate we are in Illinois to have the excellent cooperation between our State Office, the Agriculture Education Departments, Vocational Agriculture Service and our IAVAT. The cooperation we experience is not found to such a degree in other states.

State Judging Contest

Thanks for the cooperation and help given at the State Judging Contest on June 22. All departments seemed to have plenty of help and the contest moved along nicely. The sour note came after the contest was completed. After the pavilion had been cleared of all contestants and advisors by the superintendent and his helpers, ten of the contestants decided they had further duties and walked back into the pavilion. The custodian at the stock pavilion caught the ten boys disposing of the eggs used in the contest by throwing them against the wall of the stock pavilion. Unfortunately the custodian did not get their names or school but your IAVAT will pay the bill for the clean-up necessary to put the wall back in the same condition as it was at the beginning of the contest.

I believe that this is a place we have an obligation, where, if we cannot control or depend on these boys, then they should be kept at home. I'm sure that you are not interested in paying dues to be used to clean the walls at the Stock Pavilion. On the other hand, I'm pretty sure the University doesn't feel like doing this for us. It would be an excellent educational experience for these boys if this cost could be divided evenly among the ten young men.

AIDS, September 1961

Congratulations to Walter Baysinger

Walter Baysinger receives American Legion Medal of Merit Award. The Leslie G. Woods Post #217 of Streator conducted its Fifth Annual Outstanding Citizens Award Program last month and honored three of its citizens for outstanding community service. Those receiving the award this year were Walter Baysinger, Vocational Agriculture teacher, Mrs. Margaret Daugherty, LaSalle County Health Nurse, and Harold Schaefer, Manager of the Streator Brick Company.

The recipients of the award were presented gold medals and a copy of the resolutions by the post commander, Charles Fitzsimmons.

Walter has devoted more than 40 years of his life to the cultivation of our farmers of tomorrow. Twenty-eight of those have been teaching vocational agriculture at the Streator High School.

He is noted as one of the first Agriculture Teachers to recognize the value of basing teaching on the boy's individual farming program.

We of the IAVAT congratulate you Walter on the honor you received, knowing that it is well deserved.

Meat and Milk Judging Contest

Remember September 30 - Meat and Milk Judging Contest in the morning. The Fighting Illini vs Washington State football game in the afternoon. Tickets will be \$1.00 per person for the contestants and their advisors.

IAVAT Handbook Revision

Your Executive Committee met in Urbana August 8, along with Professor Witt and State Supervisor O. C. Floyd, to plan the revision of the IAVAT Handbook for members. All of you on the various committees will be asked by your District Director to help in revising the handbook. We hope to have this revision completed by March 1 and the handbook ready to hand out to you at the June Conference. The IAVAT history will be brought up to date for distribution at the same time.

Livestock Marketing Study at Evansville, Indiana

Swift and Company conducted a two-day Livestock Marketing Study for Vocational Agriculture Teachers at Evansville, Indiana, July 31 and August 1.

O. C. Floyd, State Supervisor, arranged with Mr. Roy Green of Swift and Company and Mr. O. C. Yeakley, Manager at Evansville Stockyards, for the two-day study. Much of the study was conducted in the yards and in the packing plant. Some time was spent in discussion and question sessions. We who attended were highly pleased with the amount of information gained in the two days.

Mr. Green stated that he would be glad to work with any group of Vocational Agriculture Teachers in the state on a market study of this type. If interested, contact Roy R. Green, Agricultural Research Division, Swift and Company, 115 W. Jackson Street, Street, Chicago, Illinois.

Please send news to: Jesse H. Keyser - 1400 Fifteenth Street - Lawrenceville, Illinois

VO-AG SERVICE

Announcements & Notes

Slidefilms Relating to FFA Leadership Training. Announcements regarding the series of 10 single frame, colored slidefilms on "Leadership Training" were made at the time of the June Conference. Those who placed an advanced order for slidefilms to be released during 1961-62 will automatically be sent prints of each of the 10. The same will be true of those who placed advanced orders for only the FFA series. We should have sufficient prints so that on or before September 10, prints will be sent to all whose advanced orders are on file in our office by August 10. Consequently, if you are of the opinion that you have an advanced order for 1961-62 films (or for the FFA series only) and do not receive those by September 15, please notify us immediately. Orders received for the series between August 10 and October 1 will be held until October 1, when another composite order will be placed. The price for the set of 10 for those orders placed before October 1 will be \$4.25 for the set. The regular price, which will be charged for orders received after October 1, will be \$6.10 for the set. Even the \$6.10 price amounts to less than two cents per frame since the series contains about 375 frames. The price is possible only because the Illinois Foundation FFA contributed about \$1500.00 toward the expense of the series.

All prices given are f. o. b. Urbana and for the convenience of those wishing to order, the set of films is included on the tear sheet accompanying this issue of the AIDS. Please do not order on the tear sheet if you have previously placed an advanced order for slidefilms to be released during the 1961-62 school year.

M. H.

Standards for Measures of Efficiency - 1960. Probably by the time this issue of the AIDS reaches you, our supply of copies of "Standards for Measures of Efficiency 1960" will be exhausted. We attempt to bring this up to date each year and since the one for 1961 will probably be available in late December or early January, we question the advisability of running additional copies of the 1960 standards. Please do not order copies of the 1960 standards and please refrain from ordering copies of the 1961 standards until you see the announcement in the AIDS or until a copy is received with the Agricultural Releases.

M. H.

AIDS, September 1961

Teaching Aids Relating to Minimum Tillage, Chemical Applicators, and Corn Planter Calibration. Professor Wendell Bowers of Agricultural Engineering has given us the following information:

"During the June Conference an announcement was made in regard to package programs for classroom teaching and farmer meetings on (1) Minimum Tillage (2) Chemical Applicators and (3) Corn Planter Calibrations.

"Slides and strip films ordered during the June Conference on any or all of these subjects will be in your hands by October 31. A mimeographed script will accompany each set.

"The new circulars to go with the slides have been prepared and are now being processed by the editorial office. It is possible these circulars will not be available until January 1 due to a staff shortage in the publications office.

"Three copies of the film "Minimum Tillage" are in the Visual Services film library. You are urged to make an early reservation if you want to use it in conjunction with a minimum tillage meeting.

"An educational film on "Corn Planters" has been released by International Harvester Company, and will be announced shortly by commercial film distributors in the Agricultural Leaders publications. It will not be available from International Harvester Dealers or from the company offices.

"The film is well suited for classroom teaching or showing to adult classes in conjunction with the slide set on planter calibration.

"It is hoped that you can make good use of these package programs."

W. B./M. H.

Agricultural Releases, Status of. As this is written (August 15) we have reached the 550th subscription to Agricultural Releases for 1961-62. Consequently, we can accept no more subscriptions for the current year. We will continue to accept advanced orders for slidefilms and for units to be released during 1961-62 until the deadline date of October 1.

M. H.

List of IRSC Members. To date, we have not received a list of the Illinois Rural Safety Council members that vocational agriculture teachers can contact in each of the 25 sections. Probably, failure to receive the list was due to our not calling this matter to the attention of the President, Mr. Alverson, early enough or to the fact that copy for the September AIDS was prepared a few days earlier than usual. We sincerely hope the list can be carried in the October AIDS.

M. H.

Cards Listing Items available from Vocational Agriculture Service. A check sheet giving the code numbers of cards that should be in your file of items available from Vocational Agriculture Service was included with each copy of the August AIDS sent to all vocational agriculture teachers in Illinois. In addition, copies were sent by first class mail to others who had purchased sets of the cards.

To date, August 15, approximately 50 of the check sheets have been returned to this office requesting the free cards to bring the sets up to date. This is extremely disappointing when one considers that more than 400 file boxes with cards and guides were distributed free to vocational agriculture teachers during June Conference week, and that those teachers accepting the sets signed a card stating they would do their part toward keeping the file up to date. In view of the fact that the sheet contained code numbers for several new cards, we can only conclude that those who have not returned the sheet requesting the new cards are not keeping their sets up to date.

M. H.

Soil Testing Meetings. On the blue colored sheet accompanying each issue of the September AIDS being sent to vocational agriculture teachers in Illinois will be found a listing of meeting dates on Soil Testing. Teachers interested, are welcome to attend the meeting most convenient to them. In every case, a minimum of about six hours of actual time will be needed for completing the work. This is exclusive of meal time and the like. These will be participation type of meetings with teachers actually being given the opportunity to run tests as used in Illinois at the present time. If more details are needed as to location, or time, we suggest that you contact the teacher in charge.

In the 21 sections from which dates for soil testing courses were received, we were able to give each school the first date they suggested.

M. H.

Pressboard Covers or Binders. During the June Conference, several teachers inquired as to the possibility of our handling pressboard covers similar to those used for displaying our units and monthly Agricultural Releases and the like. We had never considered handling those because we assume that most schools could secure them locally. From information given us by teachers, that assumption appears to be incorrect. Consequently, we have stocked and will attempt to maintain a supply of those covers. Those are for 8-1/2" x 11" items and come complete with adjustable metal fasteners. The price will be 25 cents each, f.o.b. Urbana. For the convenience of those wishing to order, the covers are listed on the tear sheet accompanying this issue of the AIDS.

M. H.

REPORTER'S WORKSHOPS

Instruction in writing news, using radio, and taking photographs will be given at the District Reporter's Workshops. This training will help Chapter and Sectional reporters in promoting FFA this year.

!!!Plan now to be there!!!

District I	October 3	Farm Bureau Bldg.	Princeton
District II	October 4	Farm Bureau Bldg.	DeKalb
District III	September 27	High School	Lewistown
District IV	October 2	Room 428 Mumford Hall	Urbana
District V	September 26	Christian Church	Mt.Vernon

All workshops begin at 3:30 p. m.

N E W B O O K S

The following have been added to our library since the last Issue of the AIDS. All of our books are available for review in our office by those interested. As long as the editions are current, they will be included in such exhibits as the one at the Annual Conference of Vocational Agriculture Teachers.

Teachers who are interested in securing copies for their own use should write direct to the publisher.

SWINE SCIENCE. Third Edition, 1961. \$6.00. The Interstate Printers and Publishers, Inc., Jackson at Van Buren, Danville, Illinois.

The following information was taken from the data sheet that accompanied this publication:

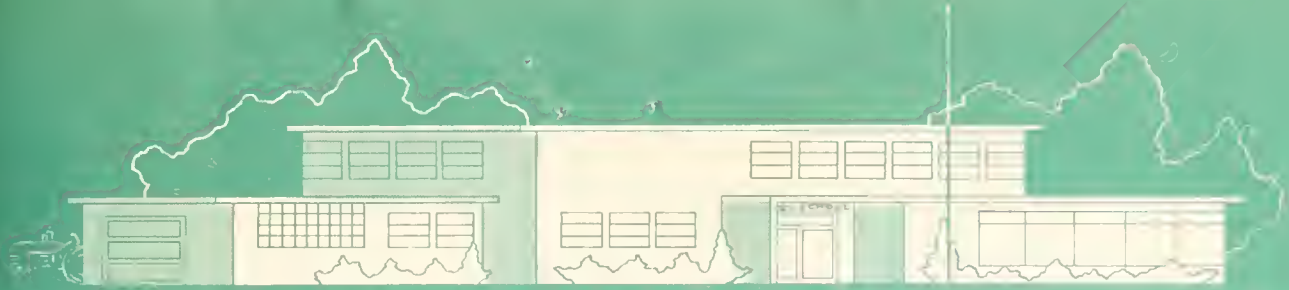
"Since the second edition of SWINE SCIENCE came off the press four years ago, momentous changes have been made in the swine industry. This completely up-to-date new 1961 Edition of SWINE SCIENCE contains all of the latest developments in the swine industry, and gives complete and detailed information about all of the complex phases of the swine industry . . . Among the exciting new developments in the swine industry discussed in this edition are: Increased confinement rearing, Central system versus farm system hog production, Automation, and Integration."

OUR SOILS AND THEIR MANAGEMENT. Second Edition. 1961. \$5.25. The Interstate Printers and Publishers, Inc., Jackson at Van Buren, Danville, Illinois.

The Review Data Sheet that accompanied this publication gave the following information:

"Intelligent soil and water management is necessary for desirable crop production. Productive plants, thriving animals, and healthy people are possible only in areas where soil and water are properly managed. Whole civilizations have crumbled and gone down to disaster when this vital function has been neglected, and in the present era of grave international tensions, a major part of the strength and security of our nation depends upon our agricultural economy. Crop yields in the United States have been increasing rapidly since 1940, and one of the reasons is more intelligent management of soil and water. Still greater yields at less unit cost can be achieved in the future by applying the practices proposed in this new book.

The 1961 edition of OUR SOILS AND THEIR MANAGEMENT is 1/3 larger than the first edition, up-to-date and complete in every way."



AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

1961 Summer Session. Fifty-nine Illinois teachers of vocational agriculture attended the 1961 summer session. Others attending whose major interest was in agricultural education came from Alabama, Indiana, Tennessee, Texas, Australia, Egypt, and Jordan. The total enrollment of students primarily interested in agricultural education was 67.

H. M. H.

1962 Summer Session. The staff of the Division is planning a 1962 summer session of national significance. Announcements regarding it will be made before the end of 1961.

H. H. H.

Course for Experienced Teachers of Vocational Agriculture. Education 477, Field Studies in Agricultural Education, will be offered during the Fall Semester at Urbana and Teutopolis. The Teutopolis section with A. H. Krebs in charge will meet at 5 p. m. on Wednesday, September 20 in the high school at Teutopolis. The Urbana section in charge of H. M. Hamlin will meet first at 5 p. m. on Thursday, September 21 in Room 46, Gregory Hall, on the University of Illinois campus.

H. M. H.

Advisory Board Meeting. The Division's Advisory Board will meet at the University September 29 and 30. Members for 1961-62 are Leon Mayer, Teutopolis, Chairman, Gifford Zimmerman, Flora, Secretary. I. L. Brakensiek, Quincy, Arthur Meadors, Morris, and Arthur Schick, Sterling.

H. M. H.

Graduate Assistants in Agricultural Education, 1961-62. Graduate assistants for 1961-62 are John Terwilliger, formerly teacher of vocational agriculture at Ogden, Abdel Aziz of Cairo, Egypt, and James Becker, 1961 graduate of the College of Agriculture from Amboy, Illinois.

H. M. H.

Regional Research Conference. Five from the Division attended the 15th annual Central Region Conference on research in agricultural education at Purdue University August 8 to 11. The total attendance was 62. Eleven of the 13 states in the Region were represented. A new plan was followed in this year's conference. Members of the conference were divided into groups dealing with needed research, research design, analysis and interpretation of research, and utilization of research findings. L. J. Phipps was chairman of the group dealing with design.

This conference is one of the most valuable meetings on agricultural education held in the nation during a year because it is concerned with "the growing edge" of the field. Teachers and supervisors, as well as teacher-trainers, are encouraged to attend and do attend.

The meeting in 1962 will be at Iowa State University, August 7 to 10.

H. M. H.

New Staff Member. J. R. Warmbrod has been appointed to an instructorship in the Division for the first semester, 1961-62, while the search for a successor to the late George P. Deyoe is underway. Mr. Warmbrod has been a graduate student in the Division for the past two years, working toward the doctor's degree. During the past year he has held a half-time graduate assistantship in the Division. He holds bachelor's and master's degrees from the University of Tennessee and was a member of the staff in Agricultural Education there before coming to the University of Illinois. His experience in teaching vocational agriculture was at Winchester, Tennessee.

H. M. H.

Education 370 Offered for Beginning Teachers. Beginning teachers, returning teachers, and out-of-state teachers who are in their first year of teaching vocational agriculture in Illinois are eligible to enroll in the 1/2 unit extramural course, Education 370. This course will include four night meetings held in seven or eight centers to be located early in September. Centers are so located so that teachers will not have to drive farther than 50 miles to attend group meetings. The instructor visits each enrollee twice during the year. This course is designed to help teachers with problems usually encountered during their first year of work in Illinois. Interested persons should contact Paul Hemp, 103 Gregory Hall, Urbana, Illinois.

P. E. H.

Summer Experience in Agricultural Education. Twenty undergraduate students are busy during late August and early September learning first hand about the summer work of the vo-ag teachers. These prospective agriculture teachers are working under the supervision of the following cooperating teachers:

Maynard Boudreau	Central (Clifton)
Charles Crowley	Gibson City
Jesse Keyser	Lawrenceville
Carl McCausland	Lewistown
Kenneth Knell	Mahomet
William Martinie	Minonk
Donald Clampet	Newton
William Doerr	Raymond
Robert Howey	Sycamore

Student teachers in these centers are getting actual experience in organizing and working with advisory councils and course committees, conducting on-farm instruction, revising courses of studies, organizing adult farmer and young farmer courses, and planning for teaching. Three semester hours of credit are granted for the three weeks work.

P. E. H.

Placement Report. As of August 16, there were twelve schools in Illinois still seeking teachers of vocational agriculture. Only a half dozen Illinois men not presently employed as teachers are available for placement. Some out-of-state men have indicated an interest in teaching in Illinois.

Some of the most recent placements are:

Cambridge	John Guthrie
Chatham	Thomas Wiles
Bluford	Donald Hampton
Buda	Lee Ourth
Dunlap	David Moore
Mills Prairie	Roy Heldebrandt
Nauvoo	Franklin Royster
Newman	James Rohl
Ridge Farm	James Nickells
St. Anne	Joseph Griffin

Dr. Lloyd Phipps will be responsible for the placement activities of the Division of Agricultural Education beginning September 1, 1961.

A. H. K.

Publications of the Division of Agricultural Education Available from the Division, 103 Gregory Hall, Urbana, Illinois. (Single copies are free. Multiple copies can sometimes be supplied.)

George P. Deyoe. Some Comparisons of Male Graduates With and Without Vocational Agriculture in Selected Illinois High Schools. 1961. 21 p.

George P. Deyoe and others. Some Suggested Course Materials for Non-Vocational Agriculture. Mimeo. 1958. 46 p.

H. M. Hamlin. Policies, Procedures, and Rules for a Citizens Consulting Committee for Agricultural Education. Mimeo. 1957. 5 p.

H. M. Hamlin. Citizen Participation in Local Policy Making for Public Education. 1960. 35 p.

H. M. Hamlin. Decision-Making in the School Districts. 1961. 6 p.

Paul E. Hamp. An Analysis and Appraisal of FFA and Vocational Agriculture Contests and Award Programs in Illinois. 1961. 89 p.

A report of a two-year study which includes opinions of teachers and students regarding contests, suggestions for improving contests, and findings from research which have implications for the contest and award programs.

Paul E. Hemp. Planning and Conducting Field Trips for Vocational Agriculture Classes. 1961. 9 p.

A suggested list of field trips which teachers may use in their instructional program along with some teaching techniques which are useful in planning and conducting field trips. This report has been written for beginning teachers but may be of value to experienced teachers who wish to make their teaching in the field more effective.

A. H. Krebs and Others. Agricultural Occupation Mimeos. Prepared from information obtained by Illinois Teachers of Vocational Agriculture.

Occupation: Agricultural Engineer (U. S. Soil Conservation Service)

Occupation: Farm Management Service - Fieldman.

Occupation: Insurance Agent.

A. H. Krebs and Others. Problem Areas. 6 p.

A list of problem areas for most of the common enterprises in Illinois for use in building courses of study.

A. H. Krebs and Others. Seven Ways to Use Teachers of Agriculture Effectively. 1961. 6 p.

A leaflet intended to stimulate thought and action regarding the directions in which agricultural education programs in the public schools might grow.

A. H. Krebs and Others. Sources of Information about Agricultural Occupations. 9 p.

An annotated bibliography listing publications which provide information about specific occupations and a few of the companies which specialize in providing occupational information.

L. J. Phipps. A Comprehensive Agricultural Education Program for Young Farmers. 1959. 37 p.

The Staff. Graduate Study in Agricultural Education at the University of Illinois. 1961. 6 p.

TO: Vocational Agriculture Service
434 Mumford Hall
Urbana, Illinois

Please send the following:

_____ Leadership Training Films - Set of 10 - \$4.25 until October 1, 1961

_____ Pressboard Covers - 25¢ each, f.o.b. Urbana

Name

Address

INDEX TO ITEMS IN VO-AG SECTION

	Page No.
Agricultural Releases, Status of	5
Cards Listing Items available from Vocational Agriculture Service	6
List of IRSC Members	5
New Books	8
Pressboard Covers or Binders	6
Reporter's Workshops	7
Slidefilms relating to FFA Leadership Training	4
Soil Testing Meetings	6
Standards for Measures of Efficiency	4
Teaching Aids relating to Minimum Tillage, Chemical Applicators and Corn Planter Calibration	5

PRICE LIST OF FEEDS^{1/}

August 20, 1961

The feed prices for many of the feedstuffs used in vocational agriculture projects are listed below. This list is meant to be used as the basis of values for all boys obtaining their feed at home. All feed actually purchased should, of course, be recorded at prices paid.

Kind of feed	Cost per bu., cwt., or tons in dollars
Corn, shelled, bu. ^{2/}	1.10
Corn, ground shelled, bu.	1.11
Corn, ground ear, bu.	1.11
Oats, bu. . . . .	.57
Oats, ground, bu. . . . .	.67
Barley, (feed) bu. . . . .	.96
Barley, Ground or rolled, bu.	1.06
Sorghum, grain, cwt.	1.97
Sorghum grain, cracked, cwt.	2.07
Garbage and kitchen waste, ton	8.50
Skim and buttermilk, cwt.	1.50
Whole milk, Grade B, cwt.	3.00
Corn silage, ton	12.00
Sorghum silage, ton	11.00
Grass silage, ton	
No preservative added	8.00
Preserved with 70-100 lb. molasses	10.00
Preserved with 150-200 lb. ground corn	11.00
Clover and mixed hay)	19.00
Cowpea hay) Add \$5 per ton	18.00
Soybean hay) for baled hay	18.00
Alfalfa) and straw	19.00
Timothy hay)	18.00
Corn stover, ton	11.00
Oat straw	16.00

^{1/} Prepared by W. W. Albert, Dept. of Animal Science, University of Illinois, Urbana, Illinois

^{2/} High-moisture corn to be discounted at the rate of 1¢ for each 1/2% moisture above 15.5%

<u>Pasture Rates*</u>	<u>Cost per day</u>
Calves and colts, 6-11 mos.	\$.06
*Cattle and colts, 12-24 mos.	\$.09
*Cattle, 24 mos. and older	\$.12
Lambs up to weaning	\$.01
Sheep - yearlings and mature	\$.025
Pigs, 50-100 lbs.	\$.0025

* Full fed cattle on pasture, reduce by 2/3

* Limited fed cattle on pasture, reduce by 1/3

VOCATIONAL AGRICULTURE SERVICE

University of Illinois · College of Agriculture

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VO-AG AIDS

Volume 20, Number 3

October 1961

Issued jointly by
Vocational Agriculture Service, College of Agriculture
and
Agricultural Education Division, College of Education
University of Illinois
in Cooperation with
Illinois State Board of Vocational Education



I A V A T NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

From the Office of the President

L. T. Clark in Hospital

Mr. L. T. Clark of Olney has been hospitalized for the past month. The last word received is that he is recovering satisfactorily and will be back on the job some time this fall. I'm sure he would appreciate a note from his many friends. His address is: L. T. Clark, 1114 E. Butler Street, Olney, Illinois.

Guidance

Why not spend some time this year with your more gifted students in vocational agriculture, who will be unable to farm, in counseling them in the merits of becoming a vocational agriculture teacher?

This is something that we should spend more time in during the year. We are having a smaller number enter the profession in Illinois each year. Someone must be counseling them into other areas. We have as much training in guidance as the average counselor. Lets apply some of this know-how. Some of our members have been doing a good job over the years. I would appreciate a letter explaining your methods so that they can be passed on to we teachers who haven't scored yet.

"30-Minute Club Members"

If you have had an article published in a national magazine since the June Conference, you are eligible for a "30-Minute Club Card".

Send me your name, address, and a copy of the article. We will have a card for you at the June Conference. Send this information as soon as your article has been published. Definition of National Magazine - - One that has circulation in at least three states.

Illinois Can Have 100% Membership

J. W. Berger has reported that the following have paid dues 100%: State Office, Agricultural Education and S. I. U. Thanks fellows for setting the pace!

The package dues breakdown is as follows: AVA \$5.00; IVA 40¢; NVATA \$3.00; IAVAT \$3.10 for a total of \$11.50 for the package. The Agricultural Education Magazine

is \$2.00. Dues and subscription to Professional Magazine are all tax deductible. Sectional Chairmen should turn the dues for your section in to J. W. Berger as soon as possible. Let's make Illinois 100% again this year.

New Emblem for IAVAT

The Executive Committee is promoting a contest to select a new emblem for IAVAT.

Contest Rules

1. **Deadline for submission of entries:**
All entries must be submitted to a member of the Executive Committee on or before February 1, 1962.
2. **Who may compete:**
Person submitting a design must be an IAVAT member. Teachers, students, and any interested individuals are invited to participate in designing the emblem, but it must be submitted by an IAVAT member to be considered in the competition.
3. **Design:**
 - A. The design should be made in black ink.
 - B. It should be capable of being blown up or reduced in size, to be used on envelopes and letterheads.
(Use the present emblem on first page of this newsletter to give you ideas of the requirement.)
4. The Executive Committee will act as judges of this contest. They reserve the right to reject any or all of the entries, if in their judgment the entries submitted are not superior to the present emblem.
5. If and when a new emblem is selected and adopted, the winner will receive \$10.00.
6. The design of the emblem which is adopted shall become the property of the IAVAT.

Introducing your Executive Committee

George O. Irvine -- Vice President

George was born in 1914 in Mackinaw, Illinois, where he attended the Mackinaw schools. Following graduation from high school he worked in the Mackinaw Cheese Factory for a year before entering Illinois State Normal University where he received his Bachelor of Education in 1938. Further study has been done at the University of Illinois, Colorado A & M, Stout State College, and Bieritz American University, Bieritz, France.

In 1939 he married the former Frances Palmer, who teaches foreign language in the high school at Tonica.

He organized and taught in the Vocational Agriculture Department at Hartsburg, Illinois, for three years (1938-41). From Hartsburg he moved to Tonica, where he has been the vocational agriculture teacher since 1941.

The Tonica FFA Chapter has been active through his leadership, having had a Chapter State Safety Winner in 1957 and 1959, State FFA Reporter in 1956, seven State Farmers, two Sectional Star State Farmers, and two American Farmers. One of the American Farmers was selected LaSalle County Outstanding Young Farmer in 1958.

George was District II Director for two years and Sectional Chairman of Section 8 in 1956. He has served on the Record Book Committee and the Public Relations Committee of the IAVAT.

He entered military service in 1943 and was discharged in 1946, having spent most of his time overseas in the European Theatre of Operations, receiving three bronze stars.

George, like most Agriculture Teachers, is active in his community, serving as chairman of the Building Fund Committee of the Tonica Methodist Church. He is a member of the Tonica Volunteer Fire Department, American Legion, Masonic Lodge, Order of Eastern Star and for 18 years has been a 4-H Club Leader.

His outside interests are fishing, photography, wood and leather work, and last but by no means least -- his pipe.

AVA Convention - - Kansas City, Missouri - - December 2 - 8

For reservation form, see page 29 of the September issue of American Vocational Journal. The following is a tentative convention program for NVATA sessions during the AVA Convention.

Saturday, December 2

9:15	10:45 a. m.	NVATA First General Session
10:45	12:00 Noon	NVATA Special Program - (Address - Dr. Chas. Ervin, General Motors.)
1:00	5:00 p. m.	NVATA First Regional Meetings
6:30	p. m.	State President's Dinner - (Each association may have 2 present.)

Sunday, December 3

1:15	2:45 p. m.	NVATA Second General Session
3:00	4:30 p. m.	NVATA Question and Answer Session
4:00	6:00 p. m.	Reception - Combined Agr. Ed. Groups & Wives

Monday, December 4

10:00	12:00 Noon	NVATA Second Regional Meetings
1:30	3:45 p. m.	Combined Agricultural Education Groups
4:00	5:30 p. m.	Agricultural Executive Council Meeting

Tuesday, December 5

7:00	8:45 a. m.	Co-op Breakfast, Combined Agr. Education Groups
9:00	12:00 Noon	Visit Commercial Exhibits
12:15	1:45 p. m.	International Harvester Luncheon
2:15	4:30 p. m.	Combined Agr. Education Groups
4:30	5:30 p. m.	Meeting - Editing & Managing Board, Ag. Ed. Magazine
6:00	p. m.	Dinner - Editing and Managing Board, Ag. Ed. Magazine

Wednesday, December 6

7:00	9:30 a. m.	Allis-Chalmers Breakfast. (For Ag. Teachers & Wives.)
10:00	12:00 Noon	NVATA Final General Session
12:30	5:00 p. m.	Agricultural Tour, Combined Agr. Education Groups

Thursday, December 7

8:30 11:45 a. m.
12:15 1:45 p. m.
2:15 4:00 p. m.

Combined Agricultural Education Groups
A & P Luncheon
Combined Agricultural Education Groups

Friday, December 8

8:30 12:00 Noon
1:30 p. m.

Combined Agricultural Education Groups
Ships Program

Top This!

Section 7 with probably one of the largest and strongest Sectional FFA Livestock Fairs in the State has a school to top.

Serena is the school of Champions. Serena Chapter exhibited 6 of the 9 champions in Swine (Grand & Reserve); they also exhibited 5 of the 10 champions in Dairy and one champion in Beef.

In the school exhibit class, Serena won the banners in the following: Dairy, Market Swine, and Breeding Swine.

The Vocational Agriculture Teachers at Serena are Bob Jurgens and Clarence Tipton

Please send news to: Jesse H. Keyser - 1400 Fifteenth Street - Lawrenceville, Illinois.

VO-AG SERVICE

Announcements & Notes

Subject Matter Units for 1961-62. During the week of September 18, shipments were made that filled all advanced unit orders on hand as of August 30. Fourteen different units were included in those shipments. They were:

<u>Unit No.</u>	<u>Title</u>	<u>No. Pages</u>
1029	The Swine Enterprise	8
1030	Keeping and Using Swine Records	8
1031	The Sheep Enterprise	4
2026	Farmer Jones' Plan for Repayment of Loan	8
2027	Sources of Farm Credit	12
2028	Factors Involved in the Borrowing Process	8
2029	Types of Hog Markets in Illinois	12
2030	Four Common Ways of Doing Business	8
3011	Lightning and Lightning Protection on the Farm	12
3012	Electrical Hazards on the Farm	12
4040	Corn Insects	12
4041	Minimum Tillage	8
4042	Controlling Weeds	12
4043	Pruning Fruit Trees	8

Undoubtedly, some mistakes occurred in assembling the units and in packaging and distributing the approximately 5000 copies needed to fill advanced orders. We try to keep mistakes to a minimum, but would appreciate your letting us know as soon as possible if your shipment did not arrive in satisfactory condition or if there were errors in it. Please do not return extra pages or copies that you may have received unless we request their return. Write us first. In many cases, we have found that a combination of conditions make it advisable to give the teachers extra copies sent by mistake.

The foregoing units are included on the tear sheet that accompanies this issue of the AIDS. We hope this makes it more convenient for those ordering one or more of the units.

M. H.

FFA Slidefilms The series of ten FFA slidefilms referred to in the September AIDS were mailed on Thursday, August 31. Approximately 275 sets were mailed at that time. Sets were sent to all whose advanced orders for slidefilms were in our office as of August 10 and to those who, prior to that date, had placed an advanced order for the series alone. Since those sets have been mailed, we are holding orders received since that mailing date and on October 1 we will place another order. That order will be for

AIDS, October 1961

sufficient prints to allow us to fill orders on hand and probably for ten extra sets. When those are gone, we probably will not reorder additional prints for some months (possibly not until after the sets have been used and revised in accordance with suggestions received). That probably will be another year.

M. H.

Soil Testing Courses. With the September AIDS we included a sheet giving information regarding 21 soil testing courses that had been scheduled. Courses have now been scheduled (and/or held) for all 25 sections. Those to be held after October 1 are as follows:

<u>Section</u>	<u>Location</u>	<u>Person in Charge</u>	<u>Date</u>	<u>Starting Time</u>
1	Forreston	None named	October 2	
13	Perry	None named	October 4	
2	Dixon	Albert Ticken	October 5	
15	Waverly	Ralph Twenhafel	November 3	3 30 p. m
24	Carbondale	Glen Diamond	October 12	
16	Maroa	Charles Doty	October 17	
22	Edwardsville	Chester Seibert	October 18	
23	Olney	A. Lee Schafer	October 19	4.00 p. m.
21	Vandalia	Robert Murphy	October 25	
11	Colchester	John Garrison	October 26	3.00 p. m.
20	Mattoon	Jim Leming	October 28	8:00 a. m.
4	Abingdon	Talmadge Wimer	November 1	3:30 p. m.
5	Toulon	Chuck Joley	November 2	3:30 p. m.
3	Princeton	Gale Gossett	November 18	
25	Vienna or Eldorado	Milton Renaud	December 13	

One remark that appears on the comment sheet, perhaps more frequently than others, was that "time was too short". Consequently, we wish to repeat one of the notes that appeared in the previous announcement which was that "these will be actual participation courses and a full six hours of time, exclusive of meal time, will be needed for each course"

We note that there are nine of the courses on which we have no information as to the starting time. We would appreciate it if someone in each of those sections would see that our office gets that information as soon as possible.

M. H.

Buy More Economically. Please help us to help you purchase more items economically. For example - 4 copies of a 12-page unit will cost 96 cents. Five copies of a 12-page unit will cost you 60 cents. The same situation occurs as you near the other break of 1000 pages. This, of course, is because of the change in price per page when additional quantities are ordered. We try to be alert and send the additional copies when doing so will result in a saving to you. But we can hardly be expected to catch all orders. The same situation occurs, not only in connection with subject matter units, but in numerous other cases where prices are lower per copy as quantities ordered are increased.

M. H.

Agricultural Releases for 1961-62. The first (October) shipment of Agricultural Releases were mailed September 18. Those were sent to the 550 subscribers on our

AIDS, October 1961

1961-62 list which is now closed as announced in the September issue of the AIDS. While the October 1960 mailing contained 83 pick-ups, the October 1961 mailing contained 94 different pick-ups. In spite of the precautionary measures we take, some mistakes are almost certain to have occurred. If you find mistakes in your mailing, let us know and we will do what we can to correct them. Unfortunately, however, our supply of some items included in the October mailing is almost depleted.

We do wish to call your attention to the fact that you will find Agronomy Fact sheet FS-66 "Nitrogen Availability During Decomposition of Plant Residue" listed on the index cards, but is not included with your October shipment. Through an oversight this was not included although copies were stamped with the October date. It will be included in the November shipment and special attention will be called to it so that the item can be transferred to your folder for October.

M. H.

Judging Cards and supplies for Sectional Judging Contests. Again, we are having a problem that we have several times each year and which we have every year. That problem is how to fill orders so as to meet your needs when the teachers simply send in letters requesting ... enough judging cards for 20 schools ... kit of judging cards for our sectional judging contest .. and the like.

Teachers who are familiar with judging contests must know that each of the following factors influence the supply needed:

- A. The division or divisions to be judged - that is, grain, livestock, poultry, or dairy.
- B. The number of contestants allowed per team, per school.
- C. The number of rings to be judged in each division and the nature of those rings, such as production, identification, etc.
- D. The number of schools for which cards will be needed

Unfortunately, when incomplete information is given, we usually are given the one item that we could most readily secure - namely, the number of schools in a section. Frequently that is all the information we are given. We have a sheet that teachers can request for ordering judging supplies. Its purpose is to make it more convenient for the one ordering and at the same time make certain our office has the information needed to intelligently fill your order. We do not insist on your using a particular order form, but we do need more information than many of the schools have been sending when they order judging supplies.

M. H

Discontinued Slidefilms and Units Relating to Soil Testing. Slidefilms 704, 705, 706, and 707 and subject matter units 4002 and 4003 have been discontinued. The approximately 5% of the teachers who checked the listing cards for Vocational Agriculture Service items have probably already removed the slidefilm cards which carried code numbers 2102, 2103, 2104, and 2105. The code numbers for the cards for units 4002 and 4003 were still on the blue check sheet sent some weeks ago but our supply of copies of both of those units has now been exhausted. Consequently, you may find it advisable to remove the cards carrying code numbers 2486 and 2487 since neither of those units will be reprinted.

M H

AIDS, October 1961

FFA Roadside Signs. PLEASE NOTE - Schools have until November 1 to send information regarding FFA sets of roadside signs needing reconditioning. Supposedly that information is to be included on the report sent to the Springfield office following sectional meetings. If, however, your chapter has a set needing reconditioning and you are not certain whether that information was included in the sectional report, please notify our office by at least November 1. Where schools have two or more sets, we will need to know the slogan or slogans of the set or sets needing reconditioning.

We are sorry, but we will not be able to give teachers any information regarding the availability of sets of signs until we know how many sets will need reconditioning.

PLEASE - do not bring or send in sets for reconditioning until the time when that is announced. All we need between now and November 1 is information as to the chapters having sets that will need reconditioning and the slogan of those in case a chapter has more than one set.

What is apt to be the thinking of those travellers when they see sets of signs that are badly in need of reconditioning and why shouldn't those be reconditioned when such work involves no financial cost to chapters except for shipping charges (in case they are sent) or the \$1.00 per sign replacement cost if a board is missing or damaged so as to be unusable.

M. H.

Rerun Materials. During the past few weeks, we have rerun several items that have been in heavy demand. In some cases, our supply had been depleted and we have been unable to fill orders. In other cases, we still had a small supply remaining. The code numbers of the items rerun as well as the titles are given so that you can refer to the proper cards in the listing file if you need more information regarding any one of them. The items that have been rerun and are now available include the following:

1. Safe Practices in the Vo-Ag Shop - 1905
2. Student Tests in General Shop Safety - 1907
3. Approved Practices for Corn - 155
4. Approved Practices for Swine - 156
5. Approved Practices for Soybeans - 157
6. Problem illustration for Planning Your Farm Business - 1636

While all of the foregoing are reruns instead of new, they are being included on the tear sheet accompanying this issue of the AIDS since this may make it more convenient for those wishing to order.

M. H.

Helps on Rural Safety. Elsewhere in this issue of the AIDS will be found an announcement prepared by D. F. Alverson, President of the Illinois Rural Safety Council. One part of that announcement includes the names of 25 members of the Council that are available for helping teachers in the sections in various ways. Incidentally, the Council has a fund that can be used for obtaining quantities of safety materials available through the National Safety Council. Teachers who can use assistance in their rural safety programs may find it advantageous to contact the Illinois Rural Safety Council member available to help in their section.

M. H.

Distribution of Bulletins for Vocational Agriculture. We suppose all vocational agriculture teachers in Illinois know that our College issues a series of publications carrying BULLETIN numbers and a series carrying CIRCULAR numbers. This announcement refers primarily to those publications carrying BULLETIN (B) numbers. Since publications of the College, carrying B numbers, are primarily technical in nature, this announcement probably will not seriously affect teachers who have been ordering publications on the basis of the actual usefulness of the publications in their vocational agriculture programs.

Effective immediately, our office will automatically cut vocational agriculture requests for publications carrying B numbers to not more than two copies unless your request is accompanied by an explanation sufficient to justify additional copies. (Such statements as "I have 10 boys in class and need the extra copies" or "I need the copies for my adult class" will not be considered as sufficient explanation or justification for our office approving requests for more than the two copies.)

Perhaps we should also call attention to items numbered 2 and 4 relating to requests for Bulletins and Circulars from the College of Agriculture as given on page 11 of the August (1961) AIDS. Some teachers are ordering 30 to 50 copies of various Bulletins and Circulars. Of course, in the future, as mentioned previously, we will automatically cut all requests for Bulletins to two (except as indicated previously). If your request for copies of Circulars exceeds the normal number in a class, your request will be cut unless it is accompanied by an explanation as to why the unusually large number of copies is needed.

M. H.

New Bulletins and Circulars from the College of Agriculture. The following Illinois Bulletins and Circulars have been received in our office since the last announcement in the AIDS regarding new Bulletins and Circulars from the College.

- C 831 - The School Milk Program in Illinois
- C 832 - Insurance for Farmers - Property - Liability - Medical
- C 833 - When to Sell Corn, Soybeans, Oats, and Wheat
- B 670 - Environmental Studies with Early-Weaned Pigs
- B 671 - Effects of Borrowing from Commercial Lenders on Farm Organization
- B 673 - Grain and Forage Sorghums - 1960 Performance in Illinois

Copies of four of the foregoing publications were included with the October Agricultural Release mailings. Those were Circulars 831, 832, and 833 and Bulletin 670. Because of the nature and limited number of copies of Bulletins 671 and 673, those were not included. Please see the special announcement in this issue of the AIDS regarding ordering quantities of publications carrying BULLETIN numbers. For the information of out-of-state readers, wishing to order quantities, the prices are as follows:

- | | |
|--------------------|--------------------|
| Circular 831 - 10¢ | Circular 833 - 15¢ |
| Circular 832 - 10¢ | Bulletin 670 - 15¢ |

M. H.

Illinois Research Reprints. The Information Office has suggested that we call attention to the situation regarding Illinois Research Reprints. Those reprints are listed on page 18 of the March 1961 Publication List of Bulletins and Circulars. We are told, however, that in most cases the Information Office ordinarily is supplied a very few

copies, sometimes a dozen or less. Consequently, their supply will not permit filling requests for quantities and since vocational agriculture teachers in Illinois regularly receive copies of the original items, the Information Office hopes that teachers will refrain from ordering reprints

M. H.

Composite Orders - Status of. So far as we know, delivery has been made on all composite orders placed prior to July 1, 1961. This holds true for slides, tractor maintenance kits and items, small engine kits, concrete kit items, and all other composite orders except soil demonstration materials mentioned below. Reference to the card in your file of listing cards relating to composite orders (Code No. 356) gives information to the effect that orders placed between July 2 and October 15 will be requisitioned October 15. Consequently, if you wish to order any item on that basis and wish to have your order included when that is placed, please be sure it reaches our office by October 15.

M. H.

Soil Demonstration Materials. While the soil demonstration materials are being handled on a composite order basis, they are included in this special announcement rather than the preceding one. The deadline date for ordering soil demonstration materials was September 1 and requisitions have now been placed for enough material to fill orders on hand. If your order reached us after the deadline date of September 1, it will be filled if the supply will permit after filling orders received September 1 or before. Incidentally, we ordered about 10% more of each item than needed for orders on hand as of September 1. But as of this date, we are not certain that the extra 10% will fill orders received since the deadline date.

M. H.

Approved Practices for Wheat. A copy of the four-page multilith entitled "Approved Practices for Wheat" will be included with the November Agricultural Releases. We ran a few additional copies and as long as the supply permits, copies can be obtained from our office at 4 cents each, f.o.b. Urbana. Those who are not vocational agriculture teachers in Illinois or do not have an open account with our office, should remember our policy of requesting that payment, including postage, accompany orders totalling less than \$5.00. We are willing to accept stamps for amounts of \$1.00 or less. For the convenience of those wishing to order, this item is included on the tear sheet accompanying this issue of the AIDS.

R. L. C.

Assignment of Safety Representatives of the Illinois Rural Safety Council. In the August, 1961, edition of the Vo-Ag AIDS a list of the representatives designated by the Illinois Rural Safety Council in the 25 sections was promised for the September edition. This is an attempt on the part of the Council to place an individual at your disposal for assistance in obtaining safety aids or safety programming material. This includes the providing of speakers for safety education meetings, safety material provided by the National Safety Council, and help in the organizing of local safety programs.

Use of the Vo-Ag sections in the assignment of representatives is obvious. The Council hopes that you will make frequent use of its facilities.

- | | | | |
|------|---|------|---|
| (1) | D. F. Alverson
Farm Underwriters Association
304 N. Main Street
Rockford, Illinois | (11) | Earl Heacock
Central Ill. Public Service Co.
Illinois Building
Springfield, Illinois |
| (2) | Willis Smith
Director of Safety and Training
Illinois Farm Supply Company
100 E. Ohio Street
Chicago 11, Illinois | (12) | William J. Kuhfuss, President
Ill. Agricultural Association
Mackinaw, Illinois |
| (3) | Cliff Lant, Farm Editor
Moline Dispatch
Moline, Illinois | (13) | Dean Searls, Manager
Adams Electric Cooperative
Camp Point, Illinois |
| (4) | O. N. Hunter
Bureau of Education
Ill. Dept. of Public Health
505 State Office Building
Springfield, Illinois | (14) | Clarence W. Kleckner
Illinois State Grange
308 Central National Bank Bldg.
Rockford, Illinois |
| (5) | Charles A. Snavely, Exec. Secy.
Ill. Retail Farm Equip. Assn.
3500 N. Adams Street
Peoria 2, Illinois | (15) | Bernard H. Parker
Nationwide Insurance
Regional Sales Manager
Commercial Bank Building
South Adams Street
Peoria, Illinois |
| (6) | Russell Scholl, Chairman
Youth Loss Prevention Committee
Dunham Chemung and County Mutual
Fire Insurance Company
Polo, Illinois | (16) | Wayne D. Jones
Illinois Power Company
500 South 27th Street
Decatur, Illinois |
| (7) | G. Donavon Coil
Exec. Secretary FFA
405 Centennial Building
Springfield, Illinois | (17) | R. W. Alsip, Secretary
Illinois Firemen's Association
Box 8
Champaign, Illinois |
| (8) | Harry Wolf
Western Actuarial Bureau
Field Officer - Box 1089
Chicago 90, Illinois | (18) | Kenneth V. Fisk
Director of Farm Operation
Velsical Chemical Corporation
330 E. Grand Avenue
Chicago, Illinois |
| (9) | Wendell Bowers
108 Agricultural Engineering
Urbana, Illinois | (19) | Vernon Grant, Secretary-Treasurer
Illinois Farm Union
Sullivan, Illinois |
| (10) | Ward Cross
Country Mutual Casualty Company
43 E. Ohio Street
Chicago 11, Illinois | (20) | Dorsey Kirk, President
Illinois Grange
Oblong, Illinois |

- (21) Thomas H. Moore, Manager
Association of Ill. Electric
Cooperatives
416 S. Seventh Street
Springfield, Illinois
- (22) W. E. Parsons, Secretary
Mississippi Valley Farm Equip.
Association
211 DeSoto Building
St. Louis 1, Missouri
- (23) Pat Aspen
Safety Director
Country Mutual Casualty Company
43 E. Ohio Street
Chicago 11, Illinois

- (24) Professor J. J. Paterson
Dept. of Agricultural Eng.
Southern Illinois University
Carbondale, Illinois
- (25) J. L. Dreyer
Farm Equipment Institute
608 S. Dearborn Street
Chicago, Illinois

D. F. A. / M. H.

Electric Motors Kits. The following list of Power Suppliers' Representatives and others in charge of the Vo-Ag Electric Motors Kits for all sections is for the benefit of teachers who wish to use a kit this school year and may not know whom to contact.

All motors kits have been reconditioned by Vocational Agriculture Service and most have been delivered back to the sections. We expect to complete the delivery by about October 15.

<u>Section</u>	<u>Name</u>	<u>Address</u>
1	*Howard Hetrick	Central Illinois Electric & Gas Co. 303 N. Main, Rockford
	L. R. Herbig Frank Svoboda	Public Service Co., Freeport Public Service Co., Oregon
2	Robert E. Liehr	Vocational Agriculture Instructor Morrison, Illinois
3	LeRoy Hard	Illinois Valley Electric Cooperative Princeton
4	Donald Parke	Illinois Power Company Galesburg
5	*C. W. Cox	Central Illinois Light Company 300 Liberty, Peoria
	John Ewan	Central Illinois Light Company Lacon
6	*Harlan Baker	Public Service Company 33 N. Williams, Crystal Lake
	A. C. Petit, Jr.	Public Service Co., DeKalb
7	E. G. Galassi	Illinois Power Company 154 Marquette St., La Salle

Power Suppliers' Representatives (continued)

<u>Section</u>	<u>Name</u>	<u>Address</u>
8	Marion Welles	Vocational Agriculture Instructor Yorkville, Illinois
9	J. M. Crosno	Corn Belt Electric Cooperative Bloomington
10	C. C. Benbow	Central Illinois Public Service Co. Watseka
11	Roy Kerr	Central Illinois Public Service Co. Macomb
	*Lester Aeilts	Western Illinois Electrical Coop 524 N. Madison, Carthage
12	Lyle Phillips	Central Illinois Public Service Co. Havana
13	Roger Mohrman	Adams Electric Cooperative Camp Point
14	*W. G. Frantzreb	Central Illinois Light Company 4th & Capitol, Springfield
	Roy Goode	Rural Electric Convenience Cooperative Co., Auburn
15	*Harold Ellerman	Central Illinois Public Service Co. Jerseyville
	Karl Longenbaugh	Illinois Rural Electric Company Winchester
16	Jack Ingham	Illinois Power Company 2460 N. Jasper St., Decatur
17	*C. C. Shaw	Central Illinois Public Service Co. Paxton
	C. M. Anderson	Eastern Illinois Power Cooperative Paxton
18	T. E. Davis	Illinois Power Company 24 South Vermilion, Danville
19	L. W. Seaman	Shelby Electric Cooperative Shelbyville
20	*Randall Beasley	Coles-Moultrie Electric Cooperative E. Rt. 16 & Logan St., Mattoon
	Carl Mitchell	Norris Electric Cooperative Newton

Power Suppliers' Representatives (continued)

<u>Section</u>	<u>Name</u>	<u>Address</u>
21	*Any Bird	Tri-County Electric Cooperative Ashley Road, Mt. Vernon
	Vic Ketten	Southwestern Electric Cooperative Greenville
22	Robert Vander Pluyn	Clinton County Electric Cooperative Breese
23	*Roy Morris	Wayne-White Counties Electric Coop. Fairfield
	H. M. Bailey	Central Illinois Public Service Co. Olney
24	H. M. Parker	Central Illinois Public Service Co. 400 N. Illinois, Carbondale
25	Harold Blank	Central Illinois Service Co. Harrisburg

*The kit is usually at this location and would be the first place to call or write when the kit is wanted. If more convenient for a teacher, the other power suppliers can be contacted.

J. W. M. /M. H.

NEW BOOKS

The following have been added to our library since the last issue of the AIDS. All of our books are available for review in our office by those interested. As long as the editions are current, they will be included in such exhibits as the one at the Annual Conference of Vocational Agriculture Teachers.

Teachers who are interested in securing copies for their own use should write direct to the publisher.

DYNAMICS OF LAND USE - Needed Adjustment. 1961. \$3.95. Iowa State University Press, Ames, Iowa.

The following information is taken from the preface of this book:

"Obviously, the American farm problem cannot be solved until further adaptations are made in land use... A conference, May 3-5, 1960, was planned accordingly. It was structured to inventory the productive potential of the nation's agricultural land, the demand for products from it and the program or policy alternatives which might improve its use and help to alleviate the agricultural problem in a manner equitable to farm owners and operators.

"The papers which follow represent an attempt by economists, agronomists and other social scientists to summarize existing knowledge, suggest fruitful hypotheses and stimulate analysis for improving the use of land and eliminating low incomes to agricultural resources generally. The conference is one of several on resources and resource use sponsored by the Center for Agricultural and Economic Adjustment. Other conferences have dealt with labor and capital resources of agriculture."

FARMING PROGRAMS FOR STUDENTS IN VOCATIONAL AGRICULTURE. 1961.

Hammonds and Binkley. \$4.50. The Interstate Printers and Publishers, Inc., Jackson at Van Buren, Danville, Illinois.

According to the preface:

"In this book the authors hold that, from the educational standpoint, students have farming programs in order that desirable learning may result from the programs. They believe that the farming programs constitute a participating experience essential to the learning of farming. They also believe that the farming programs should be given much consideration in classroom teaching.

"The best motive of the student for having a farming program is a strong desire on his part for what it will do for him, for what it will contribute to his own well-being. This fact is kept in mind throughout the book. Farming programs are not presented as a requirement but as an opportunity."

WEED CONTROL: AS A SCIENCE, 1961. Klingman. \$8.50. John Wiley & Sons, Inc., Publishers, 440 Park Avenue South, New York 16, New York.

According to information printed on the jacket:

"A few of the pertinent topics are: methods by which weeds spread, seed dormancy, and the length of time that seeds remain in the soil; plant physiology and herbicides; soils and herbicides; wetting agents, emulsifiers, spreaders and stickers; volatility, spray drift, equipment for application, and practice in chemical calculations... In the second part, the author describes chemical and physical properties of at least 25 herbicides, their effects on plants... Practical application is the last aspect discussed."

WOODWORKING FOR EVERYBODY, Third Edition. 1961. Shea. \$4.96. D. Van Nostrand Company, Inc., 120 Alexander Street, Princeton, New Jersey.

According to the preface:

"The past fifteen years have seen significant changes in woodworking-- in the tools used, in the techniques employed, and even in the materials that go into the products of school and home workshops. These changes made necessary a thorough revision of Woodworking For Everybody if the book was to retain the usefulness it had enjoyed over the years in earlier editions, both as a basic textbook for use in school industrial arts classes and as a reference book for the beginning woodworking hobbyist.

"It was immediately obvious that many chapters in the book needed to be revised, some completely and others to a lesser extent, to bring them up to date. 'The Story of Wood' is one that had to be entirely rewritten in order to reflect the latest methods of the lumbering industry, an industry that has been almost completely revolutionized in recent years... Almost as extensive changes were required in 'Woodworking Machinery,' an area that has seen the appearance of a whole task force of new labor-saving devices. These include not only the popular portable power tools but stationary power tools as well."

EDUCATORS GUIDE TO FREE FILMSTRIPS, 1961. \$6.00. Educators Progress Service, Randolph, Wisconsin.

According to information that accompanied this issue of the guide:

"This THIRTEENTH annual edition lists 626 titles, including 51 sets of slides. In 1946, only 82 free filmstrips were available. Since that time, the quality as well as the number of free filmstrips and slides has made most significant gains... Of the 626 titles, 125 were not listed in the twelfth edition. All new titles are starred (*). All told more than 40,000 separate frames or pictures, or miniature posters, from 95 different sources are brought to you. 26 of the filmstrips listed in this Guide may be retained permanently by the borrower, to start his filmstrip library, or to add to his present library."



AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

Four-State Meeting on Agricultural Education in Area Schools. Illinois will join with Indiana, Michigan, and Wisconsin in a meeting at Chicago on November 9 and 10, which will initiate joint action among these states in studying and planning agricultural education in area schools. Area schools are developing in various ways in the four states: as junior or community colleges, vocational or technical schools, and agricultural schools. Representatives from Illinois who have been invited to attend are Walter J. Bartz, Chief in Technical Education, State Board of Vocational Education, Robert Birkhimer, Consultant on junior colleges, Office of the State Superintendent of Public Instruction, H. R. Damisch, Chief in Agricultural Education, State Board of Vocational Education, Karl E. Gardner, Associate Dean, College of Agriculture, University of Illinois, Max W. Kuster, Joliet Junior College (representing IAVAT), and L. J. Phipps and H. M. Hamlin of the Division of Agricultural Education.

H. M. H.

Discussion of Area Schools Continues in Illinois. Gradually, a good many people in many walks of life are becoming familiar with the recommendations included in the report on Vocational and Technical Education in Illinois, copies of which are still available from the Office of the State Superintendent of Public Instruction. A new development, which may hasten the establishment of area schools, is the increasing concern about the unemployed and unemployable in the state, including many who have recently left school. The State Department of Welfare is conducting an extensive study of persons on relief and the possibility of retraining some of them for useful employment. National funds for retraining programs are soon to become available.

At a conference at Allerton House, September 21 to 23, the retraining of displaced workers was discussed at length. M. R. Karnes and H. M. Hamlin of the committee who prepared the report on vocational and technical education in Illinois presented the findings and recommendations of the report with their implications for the retraining of displaced workers.

H. M. H.

AIDS, October 1961

Peripheral Activities of the Division. Many of the activities of the Division of Agricultural Education do not affect directly Illinois teachers of vocational agriculture.

During 1960-61 the staff of the Division assisted in the establishment of school-wide citizens consulting committees at Mattoon, Mt. Carmel, Oak Park, Palatine, Urbana, and York Township High School, Elmhurst. It is unfortunate that more of these committees are not being established in schools having vocational agriculture. If a choice were to be made, which is not necessary, it would probably be more advantageous to the development of agricultural education in a school system to have a school-wide committee including persons interested in agricultural education than to have a special advisory committee for agricultural education.

The Agricultural Education Office remains the office of the Illinois Citizens Education Committee as it has been for the past four years. H. M. Hamlin is the General Consultant to the Committee and John Terwilliger, Graduate Assistant, is its Executive Secretary. The Committee has 190 members from all parts of the state.

The Division teaches the only general course in adult education offered on the campus. This is a graduate course, which has been offered during the second semester for the past six years with an average enrollment of 17. The course, or its equivalent, has been offered also during each of the last two summer sessions with a total enrollment of 28.

L. J. Phipps has been Chairman during 1960-61 of the Campus Adult Education Group, which includes about 35 staff members from eight major divisions of the University.

These are samples of peripheral activities, not a catalogue of them. It is hoped and believed that they aid agricultural education indirectly, although they are undertaken primarily because there are no other divisions in the College which have responsibility for the particular activities outside agricultural education in which the Division engages.

H. M. H.

Symposium on Agricultural Education Planned. The Land-Grant Universities of the country are celebrating their centennial year in 1962. Among the plans for its celebration at the University of Illinois is one for a symposium on agricultural education in the public schools and colleges which has originated with Associate Dean Karl E. Gardner of the College of Agriculture.

H. M. H.

Education 370 Class Centers Set. Teachers enrolled in Education 370 will meet at one of the following high schools for class sessions: Kansas, Lexington, Waterman, Dakota, Oneida, New Athens, and Mill Shoals. Interested persons who wish to enroll must do so before October 1, 1961 by contacting Paul Hemp, 103 Gregory Hall, Urbana, Illinois.

P. E. H.

AIDS, October 1961

Division Reorganized. Since July 1, 1961 the Division of Agricultural Education has been a part of the Department of Vocational and Practical Arts Education, which also includes Industrial Education and Home Economics Education. The reorganization is part of a general reorganization of the College, which now has seven departments: Classroom Instruction, Administration and Supervision, Elementary Education, Educational Psychology, History and Philosophy of Education, Higher and Continuing Education, and Vocational and Practical Arts Education. The reorganization is on a one-year trial basis and has not been formalized by the Board of Trustees. During 1960-61 the divisions in the Department of Vocational and Practical Arts Education will remain largely separate, but monthly meetings of the joint staffs will be held.

H. M. H.

Placement Summary. The following is the placement summary for the period September 1, 1960 to September 1, 1961.

Total number of placements (Includes some multiple placements)	67
Number of inexperienced and out-of-state teachers placed	31
Number of experienced teachers placed	37
Number of out-of-state teachers placed	5
Number of teachers returning to teaching from other work	9
Number of returning servicemen placed	2
Number of teachers qualified at the University of Illinois	24
a. Placed as teachers	16
b. Graduate school	4
c. Military service	3
d. Deceased	1
Number of beginning teachers who were qualified at S. I. U.	8
Beginning teachers entering teaching from graduate school	2
Number of teachers placed who were teaching in Illinois as of September 1, 1960	27
Number of teachers placed who were not teaching in Illinois as of September 1, 1960	40
Schools without teachers of vocational agriculture at the time of this report	7

Teachers of vocational agriculture should take special note of the fact that some schools were unable to secure teachers by the time school started. The effect of this kind of situation on the profession is obvious.

The prospects for having an adequate supply of new teachers for next year are very poor. It appears that only about twenty-four new teachers will be qualified at the two Illinois institutions preparing teachers of vocational agriculture. Neighboring states also are short of teachers.

The effects of a continuing shortage of teachers of vocational agriculture are too obvious to mention. We must encourage more young men to enter the teaching profession.

A. H. K.

TO: Vocational Agriculture Service
434 Mumford Hall
Urbana, Illinois

Please send the following:

- _____ Copies Unit 1029 - The Swine Enterprise - 8 page
- _____ Copies Unit 1030 - Keeping and Using Swine Records - 8 page
- _____ Copies Unit 1031 - The Sheep Enterprise - 4 page
- _____ Copies Unit 2026 - Farmer Jones' Plan for Repayment of Loan - 8 page
- _____ Copies Unit 2027 - Sources of Farm Credit - 12 page
- _____ Copies Unit 2028 - Factors Involved in the Borrowing Process - 8 page
- _____ Copies Unit 2029 - Types of Hog Markets in Illinois - 12 page
- _____ Copies Unit 2030 - Four Common Ways of Doing Business - 8 page
- _____ Copies Unit 3011 - Lightning and Lightning Protection on the Farm - 12 page
- _____ Copies Unit 3012 - Electrical Hazards on the Farm - 12 page
- _____ Copies Unit 4040 - Corn Insects - 12 page
- _____ Copies Unit 4041 - Minimum Tillage - 8 page
- _____ Copies Unit 4042 - Controlling Weeds - 12 page
- _____ Copies Unit 4043 - Pruning Fruit Trees - 8 page

- _____ Approved Practices for Wheat - 5¢ each
- _____ Safe Practices in the Vo-Ag Shop - #1905 - 5¢ each
- _____ Student Tests in General Shop Safety - #1907 - 5¢ each
- _____ Approved Practices for Corn - #155 - 4¢ each
- _____ Approved Practices for Swine - #156 - 5¢ each
- _____ Approved Practices for Soybeans - #157 - 4¢ each
- _____ Problem illustration for Planning Your Farm Business - #1636 - 10¢ each

Name

Address

AIDS, October 1961

INDEX TO ITEMS IN VO-AG SECTION

	Page No.
Agricultural Releases for 1961-62	2-3
Assignment of Safety Representatives of the IRSC	6-7
Approved Practices for Wheat	6
Buy More Economically.	2
Composite Order-Status of	6
Discontinued Slidefilms and Units Relating to Soil Testing	3
Distribution of Bulletins and Circulars for Vocational Agriculture	5
Electric Motors Kits	8-9-10
FFA Roadside Signs.	4
FFA Slidefilms	1
Helps on Rural Safety.	4
Illinois Research Reprints	5
Judging Cards and Supplies for Sectional Judging Contests	3
New Books.	11-12
New Bulletins and Circulars from the College of Agriculture	5
Rerun Materials.	4
Soil Demonstration Materials.	6
Soil Testing Courses	2
Subject Matter Units for 1961-62	1

PRICE LIST OF FEEDS^{1/}

September 20, 1961

The feed prices for many of the feedstuffs used in vocational agriculture projects are listed below. This list is meant to be used as the basis of values for all boys obtaining their feed at home. All feed actually purchased should, of course, be recorded at prices paid.

Kind of feed	Cost per bu., cwt., or tons in dollars
Corn, shelled, bu. ^{2/} . . . . .	.99
Corn, ground shelled, bu.	1.09
Corn, ground ear, bu.	1.09
Oats, bu. . . . .	.55
Oats, ground, bu. . . . .	.65
Barley, (feed) bu. . . . .	.98
Barley, ground or rolled, bu.	1.08
Sorghum, grain, cwt.	1.95
Sorghum grain, cracked, cwt.	2.05
Garbage and kitchen waste, ton.	8.50
Skim and buttermilk, cwt.	1.50
Whole milk, Grade B, cwt.	3.00
Corn silage, ton	12.00
Sorghum silage, ton	11.00
Grass silage, ton	
No preservative added	8.00
Preserved with 70-100 lb. molasses	10.00
Preserved with 150-200 lb. ground corn	11.00
Clover and mixed hay)	19.00
Cowpea hay) Add \$5 per ton	18.00
Soybean hay) for baled hay	18.00
Alfalfa) and straw	19.00
Timothy hay)	18.00
Corn stover, ton	11.00
Oat straw	16.00

^{1/} Prepared by W. W. Albert, Dept. of Animal Science, University of Illinois, Urbana, Illinois

^{2/} High-moisture corn to be discounted at the rate of 1¢ for each 1/2% moisture above 15.5%

Pasture Rates*

Cost per day

Calves and colts, 6-11 mos.	\$.06
*Cattle and colts, 12-24 mos.	\$.09
Cattle, 24 mos. and older	\$.12
Lambs to weaning	\$.01
Sheep - yearlings and mature	\$.025
Pigs, 50-100 lbs.	\$.0025

* Full fed cattle on pasture, reduce by 2/3

* Limited fed cattle on pasture, reduce by 1/3

NOTE: Through an error in our office, the price of shelled corn was incorrectly quoted in the August AIDS at \$1.10 per bushel. It should have been \$1.01.

VAS

VOCATIONAL AGRICULTURE SERVICE

University of Illinois · College of Agriculture

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VO-AG AIDS

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University of Illinois
In Cooperation with
Illinois State Board of Vocational Education



IAVAT NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

From the Office of the President

T. W. Clarida Recognition

The September 16 issue of *Prairie Farmer*, Page 74, carried an excellent and well deserved article about T. W. Clarida. Mr. Clarida officially retired as Vocational Agriculture teacher at the Centralia High School in August of this year. This completes a 44-year career that has established a record for the longest tenure of any Vocational Agriculture teacher in the United States. Congratulations, Mr. Clarida! We wish you many enjoyable years in your new work, as farm representative of the Old National Bank of Centralia.

Meat & Milk Judging Contests

The Meat and Milk judging contests were held September 30, at the University of Illinois. Forty-seven teams participated in the Meat Judging Contest while twenty-eight teams registered for Milk judging.

The winning Meat Judging team was from Sterling. The Champaign team won the Milk Judging Contest. There appeared to be a lot of interest and enthusiasm by the boys in the contests.

The Contests and Awards Committee will make its recommendations, as to the advisability of continuing these contests another year. This recommendation will be made by the first of the year; then the facilities can be scheduled and these contests can be included in the Judging Contest rules, if it is decided to continue with them. Next years contests will have to be held before the first home football game, in order for the state winners to compete in the National Contests. The first home football game for 1962 is on Saturday, October 13, with Ohio State. Any comments, pro or con, on these contests should be sent to Stanley Klaus, Chairman of Contests and Awards Committee, at Carlinville, Illinois.

New District I Director

E. L. Rice of Princeville was appointed District I Director by the IAVAT Executive Committee on September 28. Rice will fill the vacancy created by the resignation of Allan Utech who is now with the State Supervisory Staff.

IAVAT Handbook Revision

I have received two revisions to be included in the revised IAVAT Handbook for Members. George Irvine has revised the section on the duties of the Vice-President and William Marshall, Chairman of the Special Projects Committee, has sent a copy of that committees revision. I. L. Brakensiek and his committee are working on bringing the IAVAT History up to date. If you are the Chairman of an IAVAT Committee, try to get the revision completed as soon as possible and send a copy to the District Director in charge of your committee, or to George Irvine, or to myself.

Dues Collection - - - - 100% ?

As of today, October 22, Joe Berger tells me the following sections have paid their dues 100%: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 17, 19, 20, 21, 23, 24, 25, Vocational Agriculture Service, Agricultural Education at the University of Illinois, Agricultural Education at Southern Illinois University, and the State Office. Section 1 and 12 have not turned in any dues as of today. Section 16 and 22 have only one teacher each that has not paid his dues. Section 18 has four teachers that have not paid their dues. I hope these exceptions can be cleared up by the deadline date.

Honorary American Farmer Degree

Arthur L. Schick, Vocational Agriculture Teacher at the Sterling High School, received the Honorary American Farmer Degree at the 34th National FFA Convention at Kansas City. Art was also the coach of this years Meat Judging team that represented Illinois at Kansas City. Congratulations, Arthur!

Dynamic Careers Through Agriculture

This is the title to an excellent movie that presents the opportunities open to young people in our vast Agri-business complex which involves nearly half of our gross national product. This is a free film, running time is 28 minutes, and it is in color. This is a movie that can be used for showing at service clubs, school assemblies, as well as with the Vocational Agriculture students. The movie is available from the Farm Film Foundation, 1425 H Street, N.W., Washington 5, D. C.

Vocational Agriculture Service File Boxes

95% of the Illinois Vocational Agriculture Teachers have not returned the check sheet, giving the code numbers of cards that should be in the file of items available from Vocational Agriculture Service. This file is another convenient service furnished to us, at no cost to ourselves or our schools, by Vocational Agriculture Service. It takes approximately five minutes to check this sheet and mail it back to Vocational Agriculture Service. They will mail you free cards to bring the set up to date. You will find the check sheet in the August AIDS. How about taking five minutes off today and bring your file up to date! Do we have an organization with members that will pay \$11.50 dues and get 100% membership, but will not take five minutes to cooperate on a free service? I don't think so -- lets prove that I'm correct.

Please Send News To.

Jesse H. Keyser - 1400 Fifteenth Street - Lawrenceville, Illinois

VO-AG SERVICE

Announcements & Notes

New Bulletins and Circulars from the College of Agriculture. The following Illinois Bulletins and Circulars have been received in our office since the last issue of the AIDS:

- B 672 - The Oat Plant: Its Histology and Development
- B 674 - Structure of the Soybean Oil Export Market
- B 675 - Floricultural Sales in Mass Market Outlets
- B 676 - 10-Year Paint Tests on Weathered Galvanized Roofing
- C 834 - Home Heating with Electricity
- C 835 - Freezing Cooked and Prepared Foods
- C 836 - Better Washdays, Detergents and Laundering Procedures

Copies of Circular 834 - Home Heating with Electricity and Bulletin 676 - 10-Year Paint Tests on Weathered Galvanized Roofing were included with November Agricultural Release mailings. Copies of the other publications listed may be obtained on request following the policy for distribution of bulletins and circulars for Vocational Agriculture as explained in the October AIDS. For the information of out-of-state readers wishing to order quantity copies of these publications, prices are as follows:

B 672 - 50¢	C 834 - 10¢
B 674 - 40¢	C 835 - 10¢
B 675 - 20¢	C 836 - 5¢
B 676 - 15¢	

JWM

FFA Leadership Films. Sets of 10 FFA Leadership slidefilms have now been sent to all whose orders were received up to and including October 1. The last shipment of those was made the week of October 16. When we placed the last order, we ordered 13 sets more than needed to fill orders on hand as of October 1. Those wishing sets and not having placed their order previously, can obtain them as long as the supply lasts. The price is \$6.10 per set, f. o. b. Urbana.

MH

Biennial Report, Illinois Agricultural Experiment Station. A copy of the biennial report - "Research Progress at the Illinois Agricultural Experiment Station - 1958-50" - was sent to each subscriber to Agricultural Releases. AIDS readers who did not receive this publication may obtain a single copy free by writing to the Information Office, 112 Mumford Hall, Urbana.

JWM

Illinois Purebred Sheep Breeders' Bred Ewe Sale. The annual Illinois Purebred Sheep Breeders' bred ewe sale will be held at the Stock Pavilion in Urbana on Saturday, December 9, 1961, according to information given us by Professor U. S. Garrigus. The sale will begin at 1:00 p. m., with the sifting of animals beginning at 9:00 a. m.

Professor Garrigus makes the following statements regarding the sale:

"The sale presents a good opportunity to see the various breeds in the same surroundings and to witness an auction sale at the state level.

"It can be an interesting and informative experience whether or not purchases are made. Incidentally, the FFA-4H discount has been in effect for a long time as an indication of the Association members' desire to encourage youth in livestock projects."

WHW

Code for Protection Against Lightning. Through the thoughtfulness of Ward Cross and the cooperation of the Country Mutual Insurance Company, we have been given 500 copies of the publication entitled "Code for Protection Against Lightning". A copy has been included with each November Agricultural Release mailing sent to Illinois subscribers. Unfortunately, our supply did not permit distribution to out-of-state subscribers. Out-of-state subscribers are not penalized financially since no charge was made for the copies given to us and we make none to our subscribers. We do have a few copies remaining and vocational agriculture teachers in Illinois who are not Agricultural Release subscribers can obtain a single copy by requesting one. There will be no charge except for postage and that charge can be made against your open account.

In addition, the Country Mutual Insurance Company is willing to secure as many more copies as may be needed by those wishing to use the materials in class room work. The regular price of 50 cents carries a discount varying according to the number of copies ordered but we are willing to guarantee that the cost of additional copies to teachers will not exceed 35 cents, f. o. b. Urbana. That, of course, would mean approximately a 25% discount. If quantities ordered are sufficient the price might be even lower. All orders, however, should be sent to Vocational Agriculture Service and should reach this office on or before December 15. For the convenience of those wishing to order, the item is included on the tear sheet accompanying this issue of the AIDS. Teachers using copies of unit 3011 entitled "Lightning and Lightning Protection On the Farm" will probably find that additional copies of the code can be used to advantage in connection with that unit.

MH

Approved Practices for Wheat - Correction. An error in pricing this item was made on the tear sheet in the October AIDS. Its correct price is 4 cents instead of 5 cents.

RLC

Soybean Farming. Agricultural Release subscribers have been sent a single copy of "Soybean Farming", a 40-page booklet produced and distributed by the National Soybean Crop Improvement Council. Quantity copies of this booklet are available free of charge for educational groups from the Council at 211 South Race Street, Urbana, Illinois.

RLC

Some Colored Slidefilms Withdrawn from List of Available Films. Slidefilm masters have been lost by one of the companies that produces colored slidefilms for us and consequently it is necessary to produce new masters before existing stocks can be replaced. Some revisions will doubtless be made in this process so the following titles may be out of stock for some time. They are being withdrawn from the list of available slidefilms although we have some supply on hand and can accept orders while they last. Numbers, titles, prices, and numbers of prints on hand at present are as follows:

No.	Title	Price	Number of prints on hand	
			Single frame	Double frame
181	Identification of Kinds of Meat	\$ 1.27	5	41
182	Identification of Cuts of Pork	2.18	6	13
183	Identification of Cuts of Beef	1.89	3	9
184	Identification of Cuts of Veal	1.60	10	24
185	Identification of Cuts of Lamb	1.35	4	50
494	Use of Color in the Farm Mechanics Shop	1.25	3	15
503	Christmas-Tree Production	3.75	0	5
743	Alfalfa Culture and Management	2.25	0	6
744	Alfalfa Insects	2.25	0	12

JWM

Aids in Teaching Farmstead Lighting. The single-frame slidefilm in color entitled "Farmstead Lighting" prepared by the Illinois Farm Electrification Council is again available on loan from Vocational Agriculture Service. With the slidefilm is a script and a taped commentary on the film. This was originally announced in the March 1961 AIDS.

Teachers wishing to use this slidefilm and the tape on a loan basis may use the tear sheet accompanying this issue of the AIDS. Be sure to indicate your choice of dates.

Those wishing to purchase copies of the print can secure them for \$2.50, which includes the script. Copies of the tape recording are priced at \$5.00. Orders for purchase of one or both of these items should be sent to Professor H. H. Beaty, 234 Agricultural Engineering, Urbana. Payment is requested with the order. Or, if it is more convenient, orders can be sent to Vocational Agriculture Service, using the appropriate blank on the tear sheet, and can then be charged to your open account.

JWM

Income Tax Illustration Based on 1960 Farm Record Problem. This item is being included with the November Agricultural Releases. The material shows how to transfer figures from the 1960 Farm Record Problem (currently in use) to income tax forms. Teachers may want to use the material as a key if students fill in income tax forms from the completed record problem. Although some differences in forms may occur from year to year, teachers may want to hand out the material to classes to illustrate the general principles of filling in the tax forms. A limited number of additional copies are available at 10 cents each.

JHH

Farm and Home Financial Planning Form. This item was included with the October Agricultural Releases. Its use was discussed in the Conference short course on "Materials in Farm Planning and the Use of Credit". It should be especially helpful for use in adult or young farmer classes in Farm Credit or Money Management. The forms can be used to provide practice in financial planning along with VAS units in the series on credit (2024-2028). Vocational Agriculture Service has a limited supply of the forms available for distribution.

JHH

Revision of the Series of Ten Slidefilms on FFA Leadership Training. The original plan, when we developed the series of ten slidefilms on FFA Leadership Training, was to do the best we could in a very limited time in order to make prints available for use for 1961-62 and to revise those prints by the next year. Approximately 300 sets have been distributed. A committee has now been appointed, whose duties involve securing comments from teachers as to the revision needed and working out details in connection with such a revision.

The committee consists of Executive Secretary G. D. Coil, as Chairman, Dr. Eugene Wood, Southern Illinois University, Dr. Paul Hemp, Agricultural Education, and Dr. R. F. Espenschied, Vocational Agriculture Service. Comments, suggestions, and the like may be sent to any one of the committee although it might be advisable if all comments could be sent to the chairman. There are, of course, some advantage to your sending comments, criticisms and suggestions as soon as you can after using or reviewing the prints.

MH

Illinois Farmers' Feeding Installations. This item is being included with the November Agricultural Releases. This publication was prepared by the Materials Handling Committee of the Illinois Farm Electrification Council in cooperation with the Department of Agricultural Engineering, University of Illinois. Illustrated in the publication are the feeding installations of 26 Illinois farmers. These people have given written permission to include this information and are aware that it is being sent to Vocational Agriculture Instructors, Farm Advisers and others interested in this subject and that they may expect visitors as a result of this publicity.

The supply is limited but those who do not receive Agricultural Releases may be able to obtain a copy by writing to Professor H. H. Beaty, 234 Agricultural Engineering Building, Urbana.

JWM

Book List - 1961-62. A publication entitled "Information Concerning Books in Vocational Agriculture Service Offices" has been sent to all Agricultural Release subscribers. This contains a listing of all books that have been placed in the Vocational Agriculture Service library by the various book publishers for review by teachers. Additional copies are available at 25 cents each, f. o. b. Urbana.

JWM

Soil Demonstration Materials. Undoubtedly many teachers are interested in knowing when they can expect delivery on the soil demonstration materials that we ordered on September 1. When we receive the flannel, we can fill several of the orders in their entirety. When we receive the plastic tubing, we can fill several others. Possibly one or both of those items may be received by the time this issue of the AIDS reaches you and if so, you may have actually received your complete order by this time. All of the multilithing materials has been completed and the glacier models as well. Consequently, we are awaiting delivery of the material ordered September 1. Incidentally, I assume you all realize that the land use cards have been sent to all who ordered them as a part of the soil demonstration materials. Further shipments will be held until the orders can be completely filled.

MH

Agronomy Facts -- Volume VII. The Information Office tells us that copies of Volume VII of Agronomy Facts are now available for distribution. The price is \$1.00 per copy, f. o. b. Urbana. Those may be ordered direct from the Information Office, in which case payment should accompany your order or if you prefer, they can be ordered through our office and the charge made against your open account. Of course, all vocational agriculture departments in Illinois are automatically given an open account with our Service.

MH

Assistance for Adult Classes on Concrete. C. A. Kincaid, Farm Field Engineer, Portland Cement Association, will accept dates for Adult Evening Classes of 15 members or more, that can be fitted into his schedule during the winter of 1961-62. Color slide illustrated lectures of about 1 hour in length, are available on the following subjects: 1, Making Quality Concrete for Farm Improvements; 2, Building with Concrete Masonry; 3, Tilt-up Farm Building Construction; 4, Paving Feeding Floors and Barnyards; 5, Heated Concrete Floors for Farrowing Houses, and 6, Constructing Horizontal Silos above and Below Grade.

If interested, select any two subjects of most interest to your group and write Mr. Kincaid directly. His address is 510 South Chicago Avenue, Champaign, Illinois. No telephone calls will be answered in case he is not home.

JWM

Lincoln Arc Welding Award Program. An announcement of the James F. Lincoln Arc Welding Foundation 1961-62 program of cash awards for high school student competition has been sent to all vocational agriculture instructors by Mr. Charles G. Herbruck, Secretary. You will note that there is a special division for agriculture students and that an entry may be submitted by a single student or by a group of not over three students. Entries in this year's contest close on June 11, 1962. However, it is not too soon to begin planning with students who may wish to enter.

JWM

Illinois Family Incomes and Expenditures, 1960. This publication of the Home Economics Department is being included with the November Agricultural Releases with the thought that it may be especially helpful for use in adult or young farmer classes in Farm Credit or Money Management. The publication was referred to last June in the Conference Short Course in Materials in Farm Planning and the Use of Credit. As far as we know, additional copies are not available.

JHH

Farm of Hazards Presentation. Members of the Safety Division of the Country Mutual Insurance Company are again available to present the "Farm of Hazards" safety program for adult classes, young farmer classes, or other group meetings sponsored by vocational agriculture teachers during the current school year.

If you are interested, contact Mr. Ward H. Cross, Director of Public Relations, Country Mutual Insurance Company, Box 565, Bloomington, Illinois. It may be well to list alternate dates in your request.

JWM

Summary of Instructions for Soil Testing. A set of five 4" x 6" cards is now available which summarizes the steps in running the new soil tests. The title of each card is as follows:

1. Standardization of the Coleman pH meter
2. pH Determination
3. Use of the Photelometer
4. Phosphorus Curve
5. Potash Curve

These are similar to the sets of cards given to the teachers who attended the soils courses held after October 1. A single set was shown to the other teachers who have attended the soil testing meetings prior to October 1. Single sets are free on request as long as our supply permits. Quantities may be purchased at the rate of 3 cents per set, f. o. b. Urbana. For your convenience, this item is included on the tear sheet.

RLC

New Agricultural Careers Brochure. The College of Agriculture is pleased to announce a new careers brochure. It is entitled "There's a New Challenge in Agriculture" and was prepared by a special committee of the Resident Instruction Section, Division of Agriculture, American Association of Land Grant Colleges and State Universities.

Complimentary copies are being sent to all teachers of vocational agriculture, farm advisers and assistants, and junior and senior high schools in Illinois.

Bulk requests for four or more copies will be honored upon payment of 25 cents per copy, f. o. b. Urbana, through Vocational Agriculture Service, 434 Mumford Hall, Urbana.

CDS

Changes in Junior Department, Illinois State Fair. The following notice was sent to us by Professor R. O. Lyon, Superintendent of the Junior Department, Illinois State Fair

"At a meeting of the 4-H and Vocational Agriculture Advisory Committees, the following changes were made in the Junior Department at the State Fair:

1. Effective ownership dates of beef heifers (Junior and Summer yearlings) moved to March 1 to correspond to dairy.
2. Landrace classes will be added in the swine division.
3. Montedale Sheep will be added in the sheep department.

4. Arrival time for dairy and sheep was moved to Saturday at 8:00 a. m. to correspond to swine. Beef still has to come Friday in order to get steers weighed and arm cards issued.
5. Attention is called to the rule that exhibitors must live at home during the time their project is in progress. This has been a particular problem with college students living away from home in recent years."

JWM/ROL

NEW BOOKS

The following have been added to our library since the last issue of the AIDS. All of our books are available for review in our office by those interested. As long as the editions are current, they will be included in such exhibits as one at the Annual Conference of Vocational Agriculture Teachers.

Teachers who are interested in securing copies for their own use should write direct to the publisher.

EDUCATORS GUIDE TO FREE TAPES, SCRIPTS AND TRANSCRIPTIONS. 1961-62.

\$5.75. Educators Progress Service, Randolph, Wisconsin.

The following information was sent with a copy of this issue of the guide:

"This eighth edition of the Educators Guide to Free Tapes, Scripts and Transcriptions is completely revised. Of the 508 listings, 139 are new in this edition. The number of sources providing these vibrant teaching aids has more than tripled since the first edition and continues to grow -- 4 new sources having been added in this edition...

"This edition is completely new. Every annotation has been rechecked...

"This guide lists 138 free tapes, 287 free scripts, and 83 free transcriptions, a total of 508 free audio aids and scripts..."

ELEMENTARY TEACHERS GUIDE TO FREE CURRICULUM MATERIALS. 1961. \$7.50

Educators Progress Service, Randolph, Wisconsin.

This excerpt was taken from the publisher's foreword:

"This eighteenth edition of the Elementary Teachers Guide to Free Curriculum Materials replaces all preceding editions. The content of the Guide has been limited to 1,280 titles. Less than 50% of available acceptable listings has been used. These two factors combine to make the materials listed in this edition highly selective.

"The Guide has been completely revised. Every annotation has been rechecked. Every item listed has been reviewed again on availability, nature and content of listing, distribution conditions, and educational value.

"This Guide provides a complete, up-to-date, annotated schedule of selected free maps, bulletins, pamphlets, exhibits, charts, and books. It brings to you the compiled information on this vast array of worthwhile free educational materials available for your immediate use, all at your finger tips, within the covers of a single book."

EDUCATORS GUIDE TO FREE SCIENCE MATERIALS. 1961 \$6.25. Educators Progress Service, Randolph, Wisconsin.

This information was sent with the 1961 edition of the Guide:

"This service is devoted exclusively to free science materials. It is a complete, up-to-date, annotated schedule of selected currently available free audio-visual media and other science curricular enrichment aids...

"This second edition lists, classifies, and provides complete information on titles, sources, availability and contents of 800 free films, 119 free filmstrips and 245 other free supplementary materials - bulletins, pamphlets, exhibits, charts, posters and books - a total of 1,164 free items, of which 286 are new in this edition..."

EDUCATORS GUIDE TO FREE SOCIAL STUDIES MATERIALS. 1961. \$6.75. Educators Progress Service, Randolph, Wisconsin.

This excerpt was taken from the publisher's foreword:

"It lists, classifies and provides complete information on titles, sources, availability and contents of 1,413 films, 98 filmstrips, 27 sets of slides, 83 tapes, 128 scripts, 32 transcriptions, and 325 other materials - bulletins, pamphlets, charts, exhibits, posters, maps, magazines, and books - a total of 2,106 selected free items. Additionally, it gives information on the nature, purposes and use of these materials not to be found in any other single source."



AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

Advisory Board Meets. The Advisory Board of the Division of Agricultural Education met at the University of Illinois on September 29 and 30. First consideration was given to plans for the future development of the Division, now nearly in their final state. Much concern was expressed about the continuing shortage of teachers. Only nineteen seniors expect to become qualified for teaching vocational agriculture in 1961-62. Southern Illinois University and the University of Illinois will together qualify only about half of the new teachers who will be needed in 1962-63.

HMH

Extramural Enrollments. Twenty-nine are enrolled in Education 370, Agricultural Education for First-Year Teachers, which is being taught this year by Paul E. Hemp and J. R. Warmbrod. Eighteen are in the course for experienced teachers, Field Studies in Agricultural Education, being offered this year in District 4 with sections at Teutopolis and Urbana taught by A. H. Krebs and H. M. Hamlin.

HMH

Department Chairman Chosen. H. M. Hamlin has been chosen Chairman of the new Department of Vocational, Technical, and Practical Arts Education in the College of Education, which brings together the groups in agricultural education, home economics education, and industrial education. The staff in business education, which is divided between the Colleges of Commerce and Education, is meeting with the staff of the new department.

HMH

Source Unit. Source unit for the Problem Area: Educational Opportunities after High School, by John Terwilliger. Teacher objectives, interest approaches, problems, references, activities, and suggested teaching aids. Single copies available free from the Division of Agricultural Education, College of Education, University of Illinois, Urbana.

AHK

New Publications. New publications of the Division which appeared in October are:

A. H. Krebs: Occupations of Persons Living in a School District. 13 p. A report of a comprehensive study of the occupations of persons in the Gibson City, Illinois, school district, which shows

that 48 percent of the workers were engaged in agricultural occupations or occupations requiring a knowledge of agriculture although only 28 percent were engaged in agricultural production or occupations very closely related to agricultural production. Of the 722 persons engaged in agricultural occupations or occupations requiring some knowledge of agriculture 340 were living in Gibson City.

Paul E. Hemp. Planning and Conducting Field Trips for Vocational Agriculture Classes. 8 pages. Although this publication was designed for inexperienced teachers, it has suggestions for all teachers regarding the purposes of field trips, profitable trips to take, and planning and arranging for trips.

Both publications are available without charge from the Division of Agricultural Education.

HMH

Placement Report. On October 16, two schools in Illinois were seeking teachers of vocational agriculture. Only one man is currently seeking a position as an agriculture teacher. Four men will be qualified as teachers of vocational agriculture at the end of the first semester. Two schools, in addition to the two schools currently seeking teachers, have indicated openings beginning the second semester.

LJP

TO: Vocational Agriculture Service
434 Mumford Hall
Urbana, Illinois

Please send the following:

_____ Code for Protection Against Lightning, 35¢ each

_____ Income Tax Illustration, 10¢ each

_____ Farm and Home Financial Planning Form, free

_____ FFA Leadership Training Films, Set of 10 - \$6.10 per set

_____ Agronomy Facts, Volume VII, \$1.00 each

_____ Summary of Instructions for Soil Testing - set of 5 cards,
single set free; quantity orders, 3¢ per set.

_____ Information Concerning Books in Vocational Agriculture Service
offices, 25¢ each

_____ There's a New Challenge in Agriculture, 25¢ per copy (minimum order -4 copies)

Farmstead Lighting Materials

_____ Slidefilm, loan - free

Choice of dates if wanted on loan:

_____ Tape Recording, loan - free

_____ Slidefilm, purchase - \$2.50

_____ Tape Recording, purchase - \$5.00

ALL ABOVE PRICES ARE F. O. B. URBANA

Name

Address

INDEX TO ITEMS IN VO-AG SECTION

	Page No.
Agronomy Facts, Volume VII	5
Aids in Teaching Farmstead Lighting	3
Approved Practices on Wheat - Correction.	2
Assistance, Adult Classes on Concrete	5
Biennial Report, Illinois Agricultural Exp. Station.	1
Book list	4
Change in Junior Department, State Fair	6-7
Code for Protection Against Lightning	2
Farm of Hazards Presentation	6
Farm and Home Financial Planning Form	4
FFA Leadership Films, Listing	1
FFA Leadership Films, Revision	4
Illinois Family Incomes and Expenditures	5
Illinois Farmers' Feeding Installations	4
Illinois Purebred Sheep Breeders Bred Ewe Sale.	2
Income Tax Illustrations	3
Lincoln Arc Welding Award Program	5
New Agriculture Careers Brochure.	6
New Books	4
New Bulletins and Circulars	1
Slidefilms Withdrawn from List	3
Soil Demonstration Materials.	5
Soybean Farming	2
Summary of Instructions on Soil Testing	6

VOCATIONAL AGRICULTURE SERVICE

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Illinois State Board of Vocational Education



IAVAT NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

From the Office of the President

George Walker Passes Away

George W. Walker, former Vocational Agriculture Teacher at St. Elmo, died at 10:15 a. m. Sunday, October 29, 1961. Funeral services were held in the St. Elmo Methodist Church at 2:00 p. m. Tuesday, October 31. Burial was in the Maplewood Cemetary.

He is survived by his widow, Eleanor; two sons, Dale of Madison, New Jersey, and Allen of Southern Illinois University; two daughters, Mrs. Marsha Mobley of Freeburg, and Elaine, at home; one half-brother, Glen E. Walker of Assumption; one grandchild and many other relatives.

Mr. Walker taught Vocational Agriculture for 23 years; twenty of which were at St. Elmo. He had been a District Director of the Illinois Association of Vocational Agriculture Teachers, officer in the Lions Club International, and a member of the Masonic fraternity.

He retired last August because of failing health. George was stricken by a heart attack at his home, and expired at the Vandalia Hospital two hours later. Mr. Walker was 66 years old.

J. E. Hill Injured

Word has just been received that J. E. Hill was painfully injured in a two-car collision Wednesday night, November 15. The accident occurred near Illiopolis on Route 36.

The extent of injury is not known, but it is understood that Mr. Hill suffered a fractured jaw and other painful cuts and bruises. He is in the Memorial Hospital at Springfield at this writing.

L. T. Clark is Back on the Job

L. T. Clark is back in the classroom again. Mr. Clark was able to resume his duties on November 1. It's good to see you back Mr. Clark!

Board of Vocational Education Appoints a Study Committee

A committee was appointed by the State Board of Vocational Education to study the application of Illinois State Normal University for approval of its training of vocational teachers in agriculture.

Members of this committee are: Chairman, Howard McWard, Assistant Director, State Department of Agriculture; Joseph Martin, State President of Farmers Union, Frank Niffenegger, State Master of Grange; Ivan Parriot, Public Relations Director of Illinois Agriculture Association; Guy Benzaglia, Southern Illinois University; Dr. Rilma Buckman, State Welfare Department; and your IAVAT President. H. R. Damisch is consultant to this group.

The committee met at Illinois State Normal University on November 9 to examine the facilities and talk with the staff. The committee will meet again on January 11 to further evaluate the application.

New IAVAT Emblem

Two emblems have been received to compete in the new IAVAT emblem contest. Why not get your drawing board out and prepare yours for submitting to the judging committee. For details see November IAVAT News. Send your entry to me no later than March 1, 1962.

Section 21 and 22 Cooperate

Section 22 held their parliamentary procedure contest at Tria High School Wednesday, November 8, 1961. Nine teachers of vocational agriculture from Section 21 acted as judges. In February, the Section 22 teachers will act as judges for the Section 21 Parliamentary Procedure Contest. Both sections will meet on February 21, 1962, to exchange judging of Foundation Awards.

IVA Convention

Our Vice-President, George Irvine, is in the process of planning an outstanding program for the IAVAT section of the IVA Convention. This convention will be held March 1, 2, and 3 at Peoria, Illinois. The Pere Marquette will be the headquarters hotel. Now is a good time to make your reservations and plan on attending your IVA Convention this year.

Introducing Your Executive Committee

George Forgey of Woodstock is District II Director of the IAVAT. George has taught vocational agriculture for sixteen years. He began his teaching career in Yates City where he taught for two years, then moved to Mount Morris for six more years. The remainder of his tenure has been in Woodstock, Illinois.

George and his wife, Ethel, have four children, two boys and two girls. They live on a little acreage east of Woodstock, where the boys are in pre-vocational agriculture training with a few head of hogs.

Teaching vocational agriculture, advising the FFA Chapter, and carrying on an Adult Education program keeps George rather busy, but in his spare time he enjoys fishing and "tinkering" with television repair.

George says that teaching is made much more interesting by an occasional outstanding accomplishment by an agriculture student or the FFA Chapter. George has had such accomplishments come to his boys as national gold emblem chapter, state winner in public speaking, two state winners in chapter farm safety, state winner in Illinois FFA Foundation Electrical Award and a first space chapter award in the IAA-FFA Cooperative Program.

Kennedy Appoints Floyd Johnson

Floyd Johnson, NVATA President, has been named by President Kennedy to a 26 member panel to review and evaluate the National Vocational Education Acts and make recommendations for improving and re-directing the program. The panel will act as a consulting group to the Secretary of Health, Education and Welfare and is made up of personnel from labor, industry, agriculture, education, government, and the general public. It is expected that the recommendations of the panel will be placed before Congress in January, 1963.

While at least six of the panel members are more or less associated with vocational education, Floyd will be the only member representing vocational agricultural education. His appointment is another indication of the high regard in which the NVATA is held and carries with it many responsibilities. The future of vocational agricultural education may well depend upon the recommendations of this important committee. Agricultural education personnel will need to decide upon a course to follow that will serve the best interests of the program and the people it serves in order for their representative to make the best possible recommendations.

A listing of the committee membership and more detailed information is contained in the November issue of the American Vocational Journal. The organization meeting of the committee was held in Washington on November 9 - 11.

NVATA Honors Dr. Spanton

The NVATA honored Dr. W. T. Spanton, retiring Chief of the Agricultural Education Branch of the U. S. Office of Education at the recent FFA Convention in Kansas City. The award, and engraved plaque, was presented by President Johnson before the over 800 members attending the Ford Honors Banquet.

Tenney is the New Chief

A. W. Tenney replaced Dr. W. T. Spanton as Chief of the Agricultural Education Branch of the U. S. Office of Education on November 1.

IAVAT Handbook Revision

Committee Chairmen - the revision for your section of the IAVAT Handbook for Members would be appreciated as soon as you can complete this work. I have received several but we will need many more to get this work completed by March 1, 1962.

VO-AG SERVICE

Announcements & Notes

a detailed description of four graduate assistantships available at Cornell for 1962-63. He indicates that they hope to award those by March 15. If any of our readers are interested in further information, please notify our office and we will send you a copy of the announcement that we received.

MH

Sheep Day. Through the thoughtfulness of Professor Garrigus, our office has received an announcement of the program for Illinois Sheep Day that is to be held December 8, 1961. This did not reach us in time to include the announcement in the November issue, but perhaps most of our teachers will receive the AIDS prior to December 8. The program is to be in the Stock Pavilion and begins at 10:00 a. m. It adjourns at 3:00 p. m. The morning session deals with a series of topics including Production testing, Artificial insemination, Ewe management-feeding, lamb management, Parasite control and Marketing. The afternoon session includes discussion of Scabies and Scrapie Control Programs, How Ewes Fit into My Farm Operation, My Program for Feeding-out Lambs, and Demonstrations of Helpful Uses of Shears.

USG/MH

Sheep Sale. Mr. Lynn Gilchrist of Emden, Illinois, sent us an announcement regarding the sheep sale to be held in the sale pavilion at the State Fairgrounds, at Springfield beginning at 10:00 a. m., Saturday, December 16. That announcement reads as follows:

"Approximately 50 select brood ewes and 10 top ewe lambs will be sold at the fifth Annual Illinois Suffolk Breeders' Bred Ewe Sale on Saturday afternoon, December 16, 1961, at the Fairgrounds in Springfield, Illinois.

"Leading breeders are offering top individuals to insure a high quality offering. Sale attractions include show winners at top 1961 shows and other outstanding sheep of similar bloodlines. Ewes will be carrying the service of the top sires in the breed. Promise of top show yearlings is to be found in the ewe lamb offering.

"All consignments will be ready for inspection in the sheep sale pavilion at the State Fairgrounds, Springfield, Illinois, after 10:00 a. m., C. S. T., Saturday, December 16, 1961. The sale will start promptly at 1:00 p. m., C. S. T."

MH

Status of Orders. So far as we know, all back orders as well as all composite orders have been filled with the exception of a few of the orders for soil demonstration materials. Two items are needed before we can complete those. We have been promised delivery on both of those items sometime during the week of November 20. If those do arrive, we should be able to make shipment and complete all back orders on hand on or before December 1

MH

Identification and Control of Poison Ivy. We have been given the following information:

"The Department of Agronomy and Extension Editorial office is announcing a colored slide series on "Identification and Control of Poison Ivy". This teaching aid has been prepared to help you teach your students not only identification of poison ivy, but also easy and effective control. Very effective herbicides are now available and there is little excuse for this pest being present near parks, playgrounds, beaches, golf courses, etc. You might care to make a community service activity out of this project."

We understand that the film strip contains approximately 35 frames and will be priced at \$1.25, f. o. b. Urbana. The same material can be made available on 2 x 2 slides at \$3.25 per set. Vocational Agriculture teachers wishing copies of either the film strips or the series of slides, should notify our office by December 29. At that time we will notify those in charge of ordering and they will include with their order a sufficient number to meet our needs. So far as we know, there are no immediate plans for placing a second order. Consequently, if you wish to be certain of getting the slides or film strips, please be sure your order reaches us by December 29. Those are included on the tear sheet accompanying this issue of the AIDS for the convenience of those wishing to order.

MH

Forestry Aids. Through the cooperation of Mr. Bulkley, we are enclosing with each copy of the December AIDS that goes to a vocational agriculture teacher in Illinois, an application form for forest tree planting stock and a listing of trees available for reforestation purposes. Under the date of November 15 a letter was sent to vocational agriculture instructors by Mr. Bulkley which included three publications. Namely, Busy Acres in Illinois, Public Forestry Assistance for Small Woodlands, and How to Become an Illinois Tree Farmer. If, for any reason, you fail to receive your copies, please notify our office and we will see that additional copies are sent if the supply is sufficient to do so.

WFB/MH

Farm Record Book - Part I. On November 8 the Department of Agricultural Economics notified us that Part I of the Illinois Farm Record Book was not available until copies of the next printing were received. They indicated those might be as late as sometime in January. We are continuing to turn orders to Agricultural Economics, but those are being held. We are making this announcement so that you will understand why you do not or have not received orders placed after November 8.

MH

Accounts with Vocational Agriculture Service. All vocational agriculture departments in Illinois have automatically been given open accounts with Vocational Agriculture Service. The same is true of all agricultural release subscribers as well as all who have placed advanced orders for either units or slidefilms to be released during the school year of 1961-62.

We have a policy of requesting that payment accompany orders totaling less than \$5 unless the school or individual ordering has an open account with our Service. That payment should include a sufficient amount to cover shipping charges if those are to be prepaid. We are willing to accept stamps for amounts of \$1 or less. This policy was set up only because the limited amount of help we have in the office is not sufficient to handle a large amount of bookkeeping that would be necessary if such a policy were not in effect.

MH

AIDS, December 1961

Farm Management Manual. With the December Agricultural Releases was included a copy of "Farm Management Manual". While we do not have additional copies of the manual, we do have copies of the form dealing with 'Income possibilities on Our Farm' which was included as a part of the manual. Copies of that form are 5 cents each and are included on the tear sheet for the convenience of those wishing to order.

MH

Machine Costs and Custom Rates. A copy of this 4-page spread was included with the December Agricultural Releases and we have a few copies remaining. So long as the supply lasts, these can be obtained through our office at a cost of 3 cents each. This item is included on the tear sheet in case you find it more convenient to order on that basis.

MH

TO: Vocational Agriculture Service - 434 Mumford Hall - Urbana, Illinois

Please send the following:

_____ Form entitled "Income Possibilities on Our Farm @ 5¢ each, f. o. b. Urbana

_____ Machine Costs and Custom Rates @ 3¢ each, f. o. b. Urbana

Slide series "Identification and Control of Poison Ivy"

_____ a filmstrip (approximately 35 frames) @ \$1.25

_____ mounted 2 x 2 slides @ \$3.25 per set

Name

School

NEW BOOKS

The following have been added to our library since the last issue of the AIDS. All of our books are available for review in our office by those interested. As long as the editions are current, they will be included in such exhibits as one at the Annual Conference of Vocational Agriculture Teachers.

Teachers who are interested in securing copies for their own use should write direct to the publisher.

AUTOMECHANICS. 1962. Harold T. Glenn. \$6.96. Charles A. Bennett Company, Inc., 237 North Monroe Street, Peoria, Illinois.

The following is taken from the preface of the book:

"AUTOMECHANICS--and its companion small-engine textbook, EXPLORING POWER MECHANICS--contain a complete program of instruction and a definite working plan. Each text is comprehensive enough so that the teacher can select the units and/or projects which fit into his situation to best advantage.

"The "why's" are explained, for understanding, and are followed by the "how's"... Two series of questions follow each chapter. The Check Your Knowledge questions are keyed to the text so that they can be used as a work-book. The Self-Check tests are included for grading purposes... Workbooks. The correlated workbooks are "interlocked" with the textbooks and contain related mathematics and science assignments. Each series of problems is graded in complexity, and those which are more difficult are headed by the caption, Technician Level."

EXPLORING POWER MECHANICS. 1962. Harold T. Glenn. \$3.80. Charles A. Bennett Company, Inc., 237 North Monroe Street, Peoria, Illinois.

This book contains more than 135 pages and is divided into four relatively large chapters. The first deals with power and includes under that Historical development, Simple machines, and Power-driven mechanisms. Chapter 2 deals with Fundamentals of Electricity and includes such items as Magnetism, Batteries, Circuits, Electromagnetism, and the like. Chapter 3 deals with Small engines and has sections on carburetion, Ignition, Service procedures, and Trouble shooting. Chapter 4 is on General Safety Practices as they relate to Attitudes, Personal safety, and Safety in the use of hand tools.

POULTRY PRODUCTION, Ninth Edition. 1961. Leslie E. Card. \$7.00. Lea & Febiger, 600 Washington Square, Philadelphia 6, Pa.

The following is taken from the preface to the Ninth Edition:

"Each succeeding edition of Poultry Production has seen increasing emphasis placed on the results of research, and on the interpretation of new findings as they apply to poultry practice. This approach is especially important for an industry which has been influenced by so many technological developments in recent years as has the poultry industry. But this is not a "how-to-do-it" book. It stresses the fundamental principles underlying successful poultry practice, and shows why a knowledge of them is essential to a full understanding of the subject. . . The organization of the book has not been changed except for omission of the chapter formerly entitled "Management Practices," and separation of the material on marketing into a chapter on Marketing Eggs and one on Marketing Poultry."

THE NATURE AND USES OF MODERN FUNGICIDES. 1961. Eric G. Sharvell. \$6.00. Burgess Publishing Company, 426 S. Sixth Street, Minneapolis 15, Minnesota.

The following is taken from the preface:

"In spite of the technical advances in both the physical and biological sciences, man and beast are still dependent on the products of the soil for most of their daily sustenance. Agriculture, or the food producing industry, is just as technical and complicated as any other major industry of national significance. . . Since 1950, chemicals for plant disease control have paraded across the stage of agricultural progress with confusing rapidity. Fungicides -- chemical weapons in the battle against fungi -- are now universally accepted as partners with insecticides and herbicides in man's struggle against plant pests. So rapid has been the pace of fungicide development that their introduction and successful use has been hampered by the confusion and misunderstanding that has attended the multiple births of the modern chemicals for plant disease control. . . This handbook on the nature and uses of modern fungicides is designed to acquaint the student of technical agriculture with the nature of these modern methods for plant disease control."

JUDGING LIVESTOCK, DAIRY CATTLE, POULTRY, AND CROPS. 1962. Youtz and Carlson \$5.04. Prentice-Hall, Inc., Educational Book Division, Englewood Cliffs, New Jersey.

The following was written by the authors:

"Our aim in selecting and organizing the material in this book has been to make the development of student judges a simpler and more satisfying phase of teaching. As briefly as possible, we have included both elementary and advanced information essential to the student on his way to becoming an accomplished judge. . . The book includes material covering all the normally accepted agricultural fields that are taught in vocational agricultural classes, 4-H Clubs, and agricultural colleges. Although book study alone will not develop an accomplished judge, this goal should be reached far more easily through the use of this text."

INTERIOR ELECTRIC WIRING - Part One - Residential, Sixth Edition. 1961. Kennard C. Graham. \$4.75. American Technical Society, 848 East 58th Street, Chicago 37, Illinois.

The following is taken from the preface:

"In an industry so characterized by the rapid development of new products and improved practices, it becomes periodically necessary to revise a book on this subject to adequately cover the latest developments. Therefore, the sixth edition of this popular book has been completely rewritten to meet the requirements of the electrician in the growing field of interior wiring. . . The successful electrician can no longer rest on what he has learned--he must keep abreast of what is new in the field in order to compete for his share of business in the increasing number of new homes being built. . . The emphasis throughout is on the advancement of the electrician's ability to do his job more skilfully and efficiently. It serves not only to acquaint the beginner with the field, but to keep the experienced worker abreast of new developments and techniques. The book progresses from basic theory through the different types of wiring to remote controls, motors, heating and farm wiring."

CONSTRUCTION IN INDUSTRIAL ARTS AND VOCATIONAL EDUCATION, Revised Edition. 1961. Giachino and Gallington. \$4.95. American Technical Society, 848 East 58th Street, Chicago 37, Illinois.

The following is taken from the preface to the second edition:

"The task of organizing instructional material into logical and effective teaching units is even more important today than heretofore. Technological changes are continuing to exert tremendous influences on the social, economic and political structure of the world. If instruction is to be dynamic and meet the needs and challenges of the future, every precaution must be taken to keep course materials constantly up-to-date. Irrelevant and out-moded material, and inefficient teaching are educational hazards which can no longer be tolerated in our educational structure. Constant evaluation of what we teach is imperative, and proper evaluation is often impossible without a course of study. . . Since its first printing in 1954, this book has been widely used in teacher education courses and by teachers in the field. . . the material in some chapters has been either expanded or clarified. A new chapter on Developing Work Units also has been added. Finally, other features have been incorporated in order to improve the general appearance of the entire book."

FUNDAMENTALS OF CARPENTRY - Volume I - Tools, Materials, Practice, Third Edition. 1961. Walter E. Durbahn. \$4.75. American Technical Society, 848 East 58th Street, Chicago 37, Illinois.

The following is taken from the preface:

"Anyone who at one time or another has worked with wood--or has hankered to--will find this volume indispensable. The fundamentals it presents are important not only for the conventional applications of

carpentry to home building, but also for the applications of carpentry to the many closely related trades such as boat building, millwrighting, insulating, composition floor laying, and dock, and bridge construction... "Fundamentals of Carpentry, Volume I--Tools, Materials, Practice" is as broad in its scope as its title implies. For the layman it unfolds the fundamentals of carpentry in simple terms. For the apprentice who wants to become a skilled craftsman it offers clear cut instruction in one-two-three order... For the reader of this book, each fundamental process in carpentry is presented in concise and simple terms. Although the book has been organized primarily for class or shop instruction, it is also an efficient self-learning tool, particularly adaptable for home-study purposes."

AUTOMOTIVE FUNDAMENTALS, Second Edition. 1961. Venk and Billiet. \$6.50. American Technical Society, 848 East 58th Street, Chicago 37, Illinois.

The following information is taken from the preface:

"Each year, the representatives of automobile and equipment manufacturers report that they spend hundreds of man-hours teaching experienced mechanics those basic principles of automotive operation that all mechanics should already know. That is, the representative must teach the fundamental principles of operation of the various automotive units before he can explain the new developments to the mechanics. In contrast, the efficient mechanic combines his skill with a full understanding of the basic operating principles of the various units, and is not compelled to resort to the time-consuming process of diagnosis by trial and error... In this new edition we hope that the thoroughness and simplicity with which basic operating principles have been explained and demonstrated, will eliminate the necessity of frequent retraining or reviewing by mechanics... The authors have had the advantage of reports from many schools and individuals who used the previous editions. As a result those passages that presented difficulty to some students have been clarified. In addition the format has been changed so that illustrations are placed in close relationship to the text, and color has been added to make complex action more readily discernible."



AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

Former Vocational Agriculture Students Success in University of Illinois College of Agriculture. A study has just been completed of the relative success in the University of Illinois College of Agriculture (as measured by college grades) of students with differing amounts of high school credit in mathematics, science, and vocational agriculture. As was true in studies made in other states, no evidence was found to support the contention that vocational agriculture provides a poor background for college. As a matter of fact, the evidence indicates that College of Agriculture students did just a bit better if they had taken vocational agriculture in high school.

The study is now being printed. Teachers of vocational agriculture will receive copies of the study as soon as it becomes available.

AHK

Placement Situation. On November 10, five schools in Illinois were actively seeking a teacher of vocational agriculture. Four men will be qualified by the University of Illinois at the end of the first semester of 1961-62. One of these four men, Dale Smith, has been employed to teach at Erie, starting February 1, 1962.

It is too early to have vacancies reported for 1962-63, but a normal number is anticipated. The supply of beginning teachers for 1962-63 will be limited. Teachers who have talented boys in their high school vocational agriculture classes should tell them about the employment opportunities in the teaching of agriculture.

LJP

Benton Graduates Follow in Teacher's Footsteps. Four of the twenty-six men who qualify to teach vocational agriculture at the University of Illinois and S. I. U. this year come from Benton High School. They are:

Kenneth Bolen, University of Illinois
William Payne, University of Illinois
Lawrence Jones, Southern Illinois University
Victor Smith, Southern Illinois University

The records show that vocational agriculture teachers have more influence than any other professional person in encouraging young men to enroll in colleges of agriculture. The bouquets, in this case, belong to Mr. Bernard L. Finley, vocational agriculture teacher at Benton, who is doing more than his share to solve the teacher shortage.

PEH

Packaged Program on "Occupational Opportunities in Agriculture" Available. A program on agricultural occupations has been packaged for use by teachers of vocational agriculture in their local communities. The "package" consists of the agricultural occupations photo-quiz movie with which you are familiar, a set of flannel board material, and a copy of a talk which can be used in giving the program. The entire presentation requires about twenty-five minutes.

The presentation can be used for service clubs, mixed age groups, parents and sons, and high school classes. The only requirement is a desire to learn more about agricultural occupations.

For scheduling the program write to H. R. Damisch, Chief of Agricultural Education, 405 Centennial Building, Springfield. Your own State Supervisor of Agricultural Education can also make arrangements for you to use the program.

AHK

Four-State Meeting on Agricultural Education in Area Schools. Twelve from Illinois attended a meeting in Chicago on November 9 and 10 of representatives from Illinois, Indiana, Michigan, and Wisconsin to consider developments in and needed studies of agricultural education in area schools.

Max H. Kuster of Joliet, the only Illinois teacher of vocational agriculture who conducts courses in a junior college, represented the Illinois Association of Vocational Agriculture Teachers. Others present from Illinois were J. E. Hill, H. R. Damisch, Walter Bartz, Robert Birkhimer, M. R. Karnes, R. M. Evans, Karl E. Gardner, L. J. Phipps, and H. M. Hamlin. Hugh Muncy and R. L. Guin participated as observers. H. F. Duis of the U.S. Office of Education and H. G. Beard, Administrator of Agricultural Education in North Carolina were also in attendance. Nine came from Indiana, Michigan, and Wisconsin, including one state director, three state supervisors, and two head agricultural teacher trainers.

The group reviewed the efforts that are being made to provide agricultural education for those beyond high-school age through junior and community colleges, short courses provided by colleges of agriculture and other means. Studies of non-farm agricultural occupations and their training requirements were reported. Plans for future cooperation among the four states were made.

HMH

Addresses of Teachers. The Agricultural Education Division has recently put the names and addresses of the teachers of agriculture in Illinois on IBM cards so that our mailing lists may be printed by machine quickly and economically. Please check your next piece of mail from the Agricultural Education Division to determine whether your name and address is correct. We would appreciate your reporting errors to us so that the IBM cards may be corrected.

LJP

Staff Research and Development Program on Area School Vocational-Technical Education in Agriculture. The Agricultural Education Staff has begun a staff research project leading toward the development of new programs of agricultural education to prepare persons for entry into agricultural occupations in Illinois. The focal point for this staff study is the development of agricultural education programs and procedures for area schools and the junior colleges, however the research findings will have implications for programs of agricultural education at all levels of the public school system.

The initial phase of this research and development program includes the conduct of the following studies by staff members.

Paul E. Hemp -

"A Study of Vocational Technical Occupations in the Farm Equipment Industry in Illinois."

A. H. Krebs -

"A Study of the Agriculture of Illinois Based on Census Data."

"A Study of Vocational-Technical Agricultural Occupations in Illinois Based on Census Data and the Dictionary of Occupational Titles."

Lloyd J. Phipps and J. R. Warmbrod -

"Vocational-Technical Occupations in Agriculture as Identified by Staff Members of the College of Agriculture."

"Content Analysis of Documents Related to Vocational-Technical Occupations."

Other studies are planned for the areas of administration, curriculum, facilities, finance, and teacher preparation.

JRW

Note on How To Prepare for College. A recent study by David R. Cook entitled "Predicting Success in College" was published in the March, 1961, issue of The School Counselor. Professor Cook, Northeastern University, Boston, Massachusetts, concluded his article with the following statement:

"In the long run, the evidence from this study indicates that college success depends far more on how the student performs in school rather than on what subjects he takes. It would seem, then, that the "best" program for any student contemplating college is simply to do his best work in whatever course he takes."

AHK

National Student Teacher Conference. The ten seniors in methods, Agr. Ed. 277, the first semester of 1961-62 attended the National Student Teacher Conference in Kansas City from October 10-13. The National Student Teacher Conference is held in conjunction with the National FFA Convention. All ten seniors were Alpha Tau Alpha members and also attended the Alpha Tau Alpha Conclave which was held in Kansas City from October 10-12. Dr. Lloyd J. Phipps and Jim Becker accompanied the group.

LJP

AIDS, December 1961

Student Teachers for First Semester Now in Schools. The ten men who are enrolled in Agricultural Education 276 for the first semester, 1961-62, started their student teaching on November 6. They will return to the campus following the Christmas vacation period. The following is some additional information about these men

Name	Student Teaching Center	Home High School	Their Agriculture Teacher in H. S.	No years Voc. Agr. They had in H. S.
Wayne Blunier	Raymond	Roanoke-Benson	Frank Crawford Juett Hogencamp	4
Kenneth Bolen	Lawrenceville	Benton	Bernard L. Finley	4
Kenneth Eike	Sycamore	Seneca	Sherwood Jackson	-
Lemar Fesser	Newton	Morrisonville	William Bullard	3
Dwight Heckert	Mahomet	Okawville	Fred Russell Russell Weger	2
Cecil McGrew	Sycamore	Bushnell	William Thornton	4
William Payne	Lawrenceville	Benton	Bernard L. Finley	4
Dale Smith	Newton	Peotone	Glen Shippy	4
John Smith	Mahomet	Elkhart	Joseph Foster Edwin Behle	4
Robert Williamson	Raymond	Jacksonville	Gerald Kuster	4

A group of future teachers with much natural ability who are looking forward to their participation in the agriculture teaching profession.

LJP

New Athens Holds Joint Meeting of Advisory Council and Board of Education. The board of education, advisory council, school administrators, and the vocational agriculture teacher at New Athens High School met September 25 to discuss opportunities for expanding the effectiveness of the vocational agriculture program. Dr. Paul Hemp attended the meeting as a consultant and will be working with Mr. Petrowich, the vocational agriculture teacher during the year as a part of the Education E370 program.

The group considered the possibilities of introducing agricultural education at the 7th or 8th grade level. It was pointed out that industrial arts and homemaking are taught at this level and that agricultural education would round out the practical arts offerings in the junior high school. The possibilities for expanding adult farmer and young farmer courses were discussed.

PEH

We Need More Meetings Like This One. A writer recently participated in a meeting at the Jamaica High School, Sidell, of the Board of Education, the Advisory Committee for Agricultural Education, the Principal, Assistant Principal, and Teacher of Agriculture, when new developments in agricultural education were discussed. Special attention was given to

the functions of the advisory committee and its relationships to the Board of Education. Occasions like this are needed regularly in every school system which teaches agriculture.

HMH

An Unusual Summer Session in 1962. The four-week summer term for workers in agricultural education will feature a four-day workshop, June 19 to 22, which will be attended by some who will come only for the workshop and by students enrolled in courses in agricultural education. Special speakers and consultants from many parts of the United States are being sought. Arrangements will be completed and an announcement of the summer program will be made by December 1.

Four topics are scheduled for consideration during the workshop:

Counseling about and preparing for agricultural occupations

Agricultural education in area schools

Research and development in public school education in agriculture

Policy and policy-making for public school education in agriculture

HMH

INDEX TO ITEMS IN VO-AG SECTION

	Page No.
Accounts with Vocational Agriculture Service	3
Bulletins and Circulars from the College of Agriculture	1
Farm Record Book - Part I	3
Farm Management Manual	4
Feed Prices	Inside back cover
Forestry Aids	3
Graduate Assistantships in Agricultural Education	1-2
Identification and Control of Poison Ivy	3
Machine Costs and Custom Rates	4
New Books	5, 6, 7, 8
Safety Aids	1
Sheep Day	2
Sheep Sale	2
Status of Orders	2

PRICE LIST OF FEEDS^{1/}

November 20, 1961

The feed prices for many of the feedstuffs used in vocational agriculture projects are listed below. This list is meant to be used as the basis of values for all boys obtaining their feed at home. All feed actually purchased should, of course, be recorded at prices paid.

Kind of feed	Cost per bu., cwt., or tons in dollars
Corn, shelled, bu. ^{2/} . . . . .	.99
Corn, ground shelled, bu.	1.09
Corn, ground ear, bu.	1.09
Oats, bu. . . . .	.57
Oats, ground, bu. . . . .	.67
Barley, (feed) bu.	1.09
Barley, ground or rolled, bu.	1.12
Sorghum, grain, cwt.	1.87
Sorghum, grain, cracked, cwt.	1.97
Garbage and kitchen waste, ton	8.50
Skim and buttermilk, cwt.. . . .	1.50
Whole milk, Grade B., cwt.	3.00
Corn silage, ton	12.00
Sorghum silage, ton.	11.00
Grass silage, ton	
No preservative added	8.00
Preserved with 70-100 lb. molasses	11.00
Preserved with 150-200 lb. ground corn	13.00
Clover and mixed hay)	20.00
Cowpea hay) Add \$5 per ton.	18.00
Soybean hay) for baled hay	18.00
Alfalfa) and straw	20.00
Timothy hay)	18.00
Corn stover, ton	11.00
Oat straw	18.00

^{1/} Prepared by W. W. Albert, Dept. of Animal Science, University of Illinois, Urbana, Illinois

^{2/} High-moisture corn to be discounted at the rate of 1¢ for each 1/2% moisture above 15.5%

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VO-AG AIDS

Volume 20, Number 6
January 1962

Issued jointly by
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and
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University of Illinois
in Cooperation with
Illinois State Board of Vocational Education

SOUTHERN ILLINOIS UNIVERSITY

C A R B O N D A L E

I L L I N O I S

School of Agriculture



Agricultural Industries Department

December 4, 1961

News from Southern

Letter No. 6

The IAVAT Advisory Committee met on Southern's campus October 27-28. A major recommendation on research was to study problems and possibilities of post high school technical agriculture programs. Dr. Benton and Dr. Wood are working on this research study.

Mark your calendar now for our high school guest day on April 14, 1962. We extend a cordial invitation to you and any students you think would benefit from such a program -- non vocational agriculture as well as vocational agriculture, freshmen as well as seniors. Parents are also welcome.

This fall 527 undergraduate students registered in the School of Agriculture, up 23 per cent from 1960.

Six students majoring in Vocational Agriculture are practice teaching this fall quarter at: Flora, Pinckneyville, Trico, and Joppa. Five will graduate at the end of this quarter.

Dr. Ralph Benton has published School of Agriculture Publication No. 11, "Factors Affecting Employment Opportunities for Out-of-School Farm Boys in Sixteen Southern Illinois Counties; Implications for the Agricultural Education Program." Copies are now available upon request.

Dates for your calendar:

Farm Credit Workshop	January 24
Swine Day	February 12
Dairy Day	March 6



I AVAT NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

From the Office of the President

AVA & NVATA Convention

The 1961 convention was a real inspiration for we who attended in Kansas City, Missouri, December 1-8. I would like to thank each and every member for affording me the opportunity of representing the Illinois Association at this convention.

We vocational agriculture teachers in Illinois should be proud that we are teaching in this state. Sure, we have our problems, but our problems seem petty as compared to some of the state reports given by the various regions throughout the National Association. In most states, the number one problem seemed to be the lack of cooperation and close working relationship between the State Office, agriculture education department, and vocational agriculture teachers themselves. We enjoy the advantages of a close working relationship between these groups plus the unique advantage of having a Vocational Agriculture Service. Many states were asking about our Vocational Agriculture Service. Two states are trying to get the machinery moving to get a Vocational Agriculture Service started in their state.

The Illinois exhibit was well attended by delegates at the convention. Many requests were received for materials used in the exhibit and this gave us an opportunity to compare activities carried on in many states. The Illinois exhibit displayed the many services and activities of the IAVAT along with the history, handbook for members, organization, membership, and department in Illinois.

Highlights of some of the speeches during the convention were:

Charles I. Irvin, member of the public relations department of General Motors Corporation, emphasized that we as teachers are salesmen of education and that we are developing individuals. In his opinion, a great part of the teaching profession falls short in this capacity; to use his expression, "Most teachers could not sell a burlesque show to a lumber camp."

Abraham A. Ribicoff, Secretary of Health, Education, and Welfare, Washington, D. C., talked off the cuff on American Education. He advocated a higher living wage for the teaching profession with school financed professional improvement through sabbatical leave for advance course work and travel and also a lighter teacher work load. It all sounded good!

AIDS, January 1962

A. W. Tenney, Director, Agriculture Education, U. S. Office of Education, said that we should make Vocational Agriculture more dynamic and give it a new look. One phase of a new look would be to give more emphasis to farm management in our instructional program for high school students.

Thomas E. Quimby, Director of Recruiting, Peace Corps, brought us up to date on the Peace Corps and stated that they need many more volunteers.

Those IAVAT Members attending from Illinois were as follows: George Irvine, E. L. Rice, Kenneth Knell, Bob Howey, H. R. Damisch, H. M. Hamlin, Melvin Henderson, L. J. Phipps, A. H. Krebs, P. Hemp, Harold Witt, John Matthews, Ralph Benton and yours truly.

The NVATA Officers for 1962 are:

President -- Jim Hamilton, Audubon, Iowa
Executive Secretary -- James Wall, Lincoln, Nebraska
Treasurer -- Bob Howey, Sycamore, Illinois
Vice-President of Region IV -- Walter Bomeli, Bangor, Michigan
Alternate Vice-President of Region IV -- Ray Ridge, Popular Bluff, Missouri

This is a well qualified and dedicated group of officers. They will represent us the way a professional group should be represented. It is our duty to assist them in any way that we can.

We were guests to the following breakfasts, luncheons and dinners: Consumers Cooperative Association for State Presidents Dinner, AVA State Officers breakfast, Consumers Cooperative Association breakfast, International Harvester luncheon, Allis-Chalmers breakfast and A. & P. luncheon. These were enjoyed and appreciated, but most of all, the realization that these organizations have this respect for our profession is most gratifying.

Attending these meetings, listening to the speeches, and the panel groups on the program, reaffirmed the belief that our dues are very well spent in belonging to these organizations.

Progress on IAVAT Handbook Revision

I have received reports for the revisions in the IAVAT Handbook from the following committees: Special Projects, IVA Convention Program, Vice-President, IVA Commercial Exhibits, Vocational Agriculture Service Advisory, Curriculum Study, and State Fair. Thanks to the Chairmen and members of these committees for your prompt attention.

We are in need of a revision report from the following committees: Banquet, Banquet Awards, Research, History, Judging Contests and Awards, FFA Foundation, IVA Educational Exhibits, IVA Legislation, Secretary-Treasurer, Immediate Past President, Resolutions, Public Information, Sectional Chairmen, Membership, and Professionalism. As soon as we have these completed revisions, we can start on the actual mechanics of editing and printing. Please give this your prompt attention.

Congratulations to IVA Commercial Exhibits Committee

This committee has done an excellent job in preparing for the IVA Convention. Members are: Frank Young - Washington, Chairman; E. L. Rice - Princeville; Eldon Witt - Bradford; Kenneth J. Condit - Washburn.

At the IVA Convention Planning meeting at Peoria, IAVAT was severely criticized for not furnishing a large enough list of agricultural commercial exhibitors to the IVA Commercial Exhibits Chairman in past years. This year's committee mailed letters to one hundred thirty prospective IVA exhibitors on December 5 and mailed a list of the firms and companies contacted to the IVA Commercial Exhibits Manager. This certainly must be our share of contacts. They have space planned for 73 exhibitors. Thanks for the good work fellows.

IVA Convention

Our Vice-President, George Irvine, has planned an outstanding program for the IAVAT section of the IVA Convention. The following is the program:

- | | |
|---------------------|--|
| 8:00 - 10:00 a. m. | Tour of commercial exhibits |
| 10:00 - 10:30 a. m. | Announcements from departments - State Supervisory Staff, Vocational Agriculture Service, Agriculture Education of University of Illinois, Agriculture Education of Southern Illinois University |
| 10:30 - 10:50 a. m. | "My Look at Vocational Agriculture" by Richard Carter, Illinois FFA Secretary-Treasurer, Dieterich, Illinois |
| 10:50 - 11:35 a. m. | "Professionals, Piddlers, or Punks", by Chalres Alexander, Director of Public Relations, Illinois Farm Supply, Bloomington, Illinois |
| 1:00 - 1:45 p. m. | "Rural Civil Defense Activities in Illinois" by Anton W. Perne, Coordinator for Civil Defense, Springfield, Ill. |
| 2:00 - 4:00 p. m. | Tour of Regional Agricultural Research Laboratory - Directed by J. E. Hubbard, Assistant Director in charge, Peoria, Illinois |

Saturday, March 3, 1962

- | | |
|--------------------|-----------------------------------|
| 8:00 - 10:00 a. m. | IAVAT Executive Committee meeting |
| 1:00 p. m. | IVA Ships Program |

The Pere Marquette will be the headquarters hotel. Now is a good time to make your reservations and plan on attending your IVA Convention.

Meet Your Executive Committee - Arthur L. Eicken, Director, District III

Arthur was born in 1919 at Camp Point, Illinois, on a farm. He attended rural schools in Adams County and graduated from LaPrairie High School in 1937. His undergraduate college training involved study at Western Illinois University and the University of Illinois where he graduated in 1942 with a Bachelor of Science Degree in Agriculture. He has first hand knowledge of what work is like in life, and particularly in his college career since he worked his way through college doing many types of work. After having received practical experience in the educational field in teaching, he completed his Masters in Education at the University of Illinois in 1959. At present he is working on his Advanced Certificate in Education from the University of Illinois.

Upon graduation, he had the opportunity of teaching vocational agriculture for two months at Payson, Illinois, before being called to the colors by Uncle Sam, where he served in the medical corps of the Air Corps as a clinical laboratory technician in the American theatre until 1946.

He was married in 1943 to Gertrude Gronwold, a former elementary teacher. They now have four children, three boys and one girl, ages 10, 8, 5, and 2.

AIDS, January 1962

In 1946 Arthur began teaching Vocational Agriculture at Augusta, Illinois, where he had a fine vocational agriculture department, a veteran's program and a very active and interested adult program. While at Augusta, he had quite a number of State Farmer degree winners, two star state sectional farmers and numerous sectional FFA officers through most of the major offices.

In 1949 he moved to Carrollton where he is currently teaching vocational agriculture in the high school, has a veterans program and adult education program. He is a member of the Carrollton Lutheran Church, the American Legion and a former Lions Club member. He was sectional chairman of Section II in 1953 and served one three-year term as a member of the Board of Trustees of the Illinois Foundation of the FFA.

This is his first year as a Director of the IAVAT in District III. He belongs to numerous professional education associations and Kappa Delta Pi. In 1950 he taught a two-weeks course on Soil Conservation for Western Illinois University.

Mr. Eicken believes that vocational agriculture is a part of good general education besides providing meaningful practical knowledge marketable upon graduating from high school. He believes the vocational agriculture instructor is in a unique position in that he must master the technical side of the science of agriculture in presenting subject matter as well as helping the student use knowledge. Knowledge thus used in solving life problems consequently combines within itself more of the factors conducive to learning than any other method. Students can see ends of their learning activities, results can be accomplished, goals can be established, attained, and reevaluated toward better goals.

Arthur enjoys sports of all kinds but rarely finds time for his favorites of hunting and fishing. He just took up golf this past summer but doesn't feel he has had time to become an "expert" yet. !

Send news to: Jesse H. Keyser
 1400 Fifteenth Street
 Lawrenceville, Illinois

VO-AG SERVICE

Announcements & Notes

Status of Back Orders, Composite Orders, etc. According to our records, we have no unfilled back orders or composite orders except for the pH powder that is still to be sent to 27 schools. Incidentally, the Laboratory has not, as yet, delivered the powder to us. If our records are in error, in any way, regarding orders to be filled we would appreciate your letting us know.

MH

New Bulletins and Circulars from the College of Agriculture. We have received just one new publication from the College of Agriculture since mailing the December AIDS. That is Circular 839 entitled "Calibrating and Adjusting Granular Row Applicators". A single copy of this publication is being included with the January Agricultural Releases. Copies may be obtained through following the regular procedure and perhaps we should announce that out-of-state readers desiring quantities will find that the publication carries a 10 cent per copy charge.

MH

FFA Roadside Signs. On November 27 we delivered to Pontiac sufficient signs for reconditioning sets needed for the following chapters:

Albion	Hampshire	Paxton
Armstrong	Harvard	Pinckneyville
Augusta	Hennepin	Pittsfield
Aviston	Homer	Plymouth
Barry	Lawrenceville	Potomac
Bellflower	Lebanon	Rossville
Brimfield	Manito	St. Anne
Buda	Maroa	St. Charles
Bushnell	Mt. Auburn	St. Joseph
Cerro Gordo (2)	McHenry	Stanford
Chenoa	McLeansboro	Stillman Valley
Cisne	Mendota	Tonica
Colfax	Moweaqua	Tuscola
Easton	Nauvoo-Colusa	Virginia
Edwardsville	Neoga	Washburn
Galesburg	Niantic	White Hall
Griggsville	Oneida	

Under the date of December 12 a letter was sent to each chapter concerned, giving that chapter information to the effect that a set was being reconditioned and asking them to report to our office on or before January 15 if the information we had as to their chapter name was not the correct information to include on the 5th sign in their series. To date, some chapters have notified us of changes and we trust that all will do so in case the chapter name as given in our letter of December 12 to those concerned was not correct.

It appears almost certain that funds will not permit developing and distributing any new sets to chapters for 1961-62.

MH

Extramural Courses - Second Semester 1961-62. Dean Gardner has sent us the following information regarding extramural courses:

"The following courses will be offered extra-murally during the second semester 1961-62 at the locations listed.

Agr. Econ. E305 - Ag. Policies and Programs - Dr. W. N. Thompson - Decatur

Agr. Econ. E324 - Farm Operation - Dr. J. E. Wills - Normal

Agr. Econ. E332 - Livestock Marketing - Dr. E. E. Broadbent - Edwardsville

Agr. Econ. E335 - Econ. of Food Distribution - Dr. R. A. Kelly - Rockford

I suggest informing the respective "clientelle" via "For Your Information," vocational agriculture releases, newspaper releases in the area and farm press... Final classroom locations and date and hour of classes will become available later. The farm advisers at Decatur, Bloomington, Edwardsville, and Rockford will be kept informed and can serve as a source of information for interested persons, or prospective students can write to me."

KEG/MH

Standards for Measures of Efficiency for 1961. A single copy of Standards for Measures of Efficiency for 1961 was sent to all subscribers with the January mailing of Agricultural Releases. This material was similar to the 1960 material except that it has been brought up to date. At the time copies were run for Agricultural Releases, we ran about 500 extra. Those are available from our service at 5 cents per copy, f.o.b. Urbana, as long as the supply lasts. This item will be found on the tear sheet for the convenience of those who may wish to order.

MH

Electric Motors for Farm Use. Our supply of copies of Electric Motors for Farm Use is completely exhausted. Please do not order at this time. Material for revision of the publication has been turned to the printers and we have been told that it probably will be approximately 5 weeks before additional copies are available. An announcement will be carried in the AIDS when we can again fill orders.

MH

Farm Structures Course. Mr. Leland Bradley, Field Manager for the American Zinc Institute, had indicated that they would again be happy to cooperate in offering Farm Structures Courses to vocational agriculture teachers in Illinois. The purpose, according to his letter is "so that class groups -- all day and adult -- may gain a better understanding of farm buildings."

His letter to us also states that "At the Farm Structures Workshop for teachers of Vocational Agriculture, fast moving concentrated study covers all phases of farm buildings. During the 6 hours (min.) considerable information will be covered in classroom discussion and the principles learned practiced as a group during construction of a building in the shop.

Topics given emphasis cover all major building problems, such as:

- The important management decisions
 - kind of buildings needed
 - how to pay for construction
 - where to locate new structures
- Selection of building materials
- Proper design to withstand forces which destroy buildings
- Wise maintenance.

In group shop activity a class can work together to practice:

- Basic construction skills
- Plan reading
- Application of design principles.

Trained personnel will conduct the workshop. During the 6 hour meeting many teaching methods will be experienced along with practice in construction and discussion of subject matter. The availability of American Zinc Institute teaching materials will be explained:

- Teachers' Guide to Farm Structures
- Farm Structures Student Manual
- Shop Project Building Plans
- Filmstrips
- Reference Booklets

TO MEET THE NEEDS OF YOUR GROUPS:

- REQUEST** a structures workshop from your district supervisor
- ATTEND** a workshop -- obtain teaching materials and instruction on their use
- USE** this group method of teaching Farm Structures in your classes."

Sections interested in one of the Structures Workshops can contact their supervisor as mentioned or can contact Vocational Agriculture Service. In either case, Vocational Agriculture Service should be given the names of the teachers who would attend as well as suggested dates, hours, and location for the course. The suggested date or dates should be far enough in advance of the notification to Vocational Agriculture Service so that they will have time to clear the details with Mr. Bradley through his Lafayette (Indiana) office. In general, it probably would be advisable to give dates that are at least a month from the time our office is contacted.

MH

Delivery of January Agricultural Releases. While the Agricultural Releases were ready to be mailed before Christmas, we were not able to get them ready for mailing prior to the start of the vacation period in many of the high schools. Consequently, since United Parcel Service makes delivery direct to the schools, we thought it advisable to hold shipments until January 2. Agricultural Releases that are ordinarily sent by mail were not held but were sent immediately following Christmas.

MH

Federal Orders for Marketing Milk. This material was prepared for meetings for vocational agriculture teachers and farm advisers sponsored by the Pure Milk Association and milk marketing specialists from the University of Illinois. A number of copies were distributed at those meetings. The milk marketing staff informs us that quantity copies for class use are still available. The item is included on the AIDS tear sheet.

MH

Some Items Available from Government Printing Office. Our office has received notice of some new or revised items available which we thought teachers might want to know about. Of course, you may have been sent the same announcements. "Your Federal Income Tax, 1962 Edition" sells for 40 cents. "Tax Guide for Small Business, 1962 Edition" also sells for 40 cents. Also listed are 15 publications on woodworking and carpentry - each one carrying a charge. If you are interested but have not received a notice, you may want to write to Superintendent of Documents, Government Printing Office, Washington 25, D. C.

JHH



AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

Placement Situation. During the past month we were notified officially of two additional vacancies in vocational agriculture in Illinois. Two schools employed new teachers of vocational agriculture during the month. Five schools are, therefore, still seeking teachers of vocational agriculture for February 1. Two of the four men graduating as qualified teachers have not as yet been employed.

As stated in previous placement reports in the Agricultural Education News, it is too early to have vacancies reported for 1962-63. A normal number of vacancies is anticipated, but the supply of beginning teachers for 1962-63 will be limited. If you have talented boys in your high school vocational agriculture classes who will not or should not farm, tell them about the excellent employment opportunities in the teaching of agriculture.

LJP

Freshmen Needed. Although there are signs that the downward trend in student enrollments in vocational agriculture has ended, the problem of providing an adequate supply of agriculture teachers for Illinois is far from being solved. Very few of the young men who enroll at the University of Illinois as freshmen indicate teaching vocational agriculture as their occupational choice. Transfers from other curricula in the College of Agriculture, and from other colleges, are the main source of the future teacher supply.

The following freshmen are those who enrolled in the College of Agriculture "Vocational Agriculture Curriculum" this past fall:

<u>Name</u>	<u>Home town</u>	<u>Vocational Agr. Teacher</u>
Andrews, Ulin S.	Neoga	Louis Wagner
Barbre, Larry F.	Farmi	Ernest O. Johnson
Griffiths, Robert L.	Pekin	W. H. Dowell
Laible, V. Lynn	Toluca	Kenneth Condit (Low Point-Washburn H. S.)
Mayberry, Gerald W.	McLeansboro	Glenn W. Hayes (Norris City-Omaha H. S.)
Rankin, Dennis W.	Bowen	Eldon Sparrow

Teaching vocational agriculture is now and will be in the future a very rewarding occupational choice. Vocational agriculture teachers need to inform their students about the excellent opportunities for those who prepare for teaching.

AHK

National Leaders to Assist with Summer Session Conference, June 19 to 22. Leaders in the new developments in public school education in agriculture from across the country are to serve as speakers and consultants at the four-day conference on "New Dimensions in Agricultural Education" which is to be a part of the 1962 summer school at the University of Illinois. They include:

Dr. Raymond M. Clark, Professor of Agricultural Education,
Michigan State University

Dr. John K. Coster, Professor of Agricultural Education,
Purdue University

Dr. Walter Jacoby, American Institute of Cooperation (formerly
State Supervisor of Agricultural Education in Connecticut)

Dr. Gerald B. James, State Director of Vocational Education,
North Carolina

Mr. Ralph L. Palan, Director, Area Agricultural School,
Faribault, Minnesota

Dr. Orville E. Thompson, University of California

Students enrolled in courses in agricultural education will spend the time allotted to these courses during the first week in attending the Conference.

The Conference will spend one day on each of four of the most vital problems in agricultural education today: counseling about and preparing for agricultural occupations, agricultural education in area schools, research and development in public school education in agriculture.

An announcement of the Conference has been mailed to all Illinois teachers of vocational agriculture. The summer session brochure will be issued later. There will be the usual opportunities to enroll in courses in agriculture, agricultural education, and education.

HMH

Fact Sheet on Teacher Situation. Illinois teachers of vocational agriculture, farm advisers, school counselors, and others will soon receive a fact sheet on the teacher situation in vocational agriculture, designed to provide background for those who counsel youth regarding preparation for teaching. It will show that there is a shortage of prospective teachers about which those in the profession should be concerned. It will show also that the situation is unwarranted. The opportunities for men who prepare to teach vocational agriculture are excellent. There are adequate training facilities. Apparently the lack of facts about the situation is the only factor keeping us from having an adequate supply of teachers.

HMH

Beginning Teachers' Newsletter. The first year of teaching is always a busy year. Beginning teachers are doing many tasks for the first time in their lives. Many of the problem areas and units taught require a maximum of planning. Beginning teachers are confronted with additional tasks of getting acquainted with people and farming, reorganizing the department, and performing other jobs that need to be accomplished. Nevertheless, beginning teachers in Illinois, sparked by Richard Petrowich of New Athens, have found time to publish a "Beginning Teachers' Newsletter". Contributions to the first issue

published in October, 1961 included preparation for farm mechanics instruction, conduct of summer activities, ways and means of informing students about vocational agriculture opportunities, and problems peculiar to teachers teaching vocational agriculture in two schools. The editor promises a second issue in November and if its as good as the first all beginning teachers will be awaiting its arrival.

PEH

Cooperating Teachers Conference. The Cooperating Teachers Conference in Agricultural Education was held in Urbana on November 17, 1961. Cooperating teachers attending were: Donald Clampet, Newton; William Doerr, Raymond; Jesse Keyser, Lawrenceville; and Kenneth Knell, Mahomet. In addition to the Agricultural Education staff, the conference was attended by Theodore Manolakes, Head of Student Teaching; C. D. Smith, Assistant Dean, College of Agriculture; H. W. Homann, State Board of Vocational Education; and R. F. Espenschied, Vocational Agriculture Service. The conference agenda included reports on visits to first-year teachers made by cooperating teachers on November 16, report on progress of first year teachers enrolled in Education E370, revision of the Student Teaching Manual, and plans for Agricultural Education E370.

JRW

Henry County Schools Hold Career Day. Agriculture was one of the more than 30 vocations included in a Career Day program held at Alwood Senior High School on November 8, 1961. (Sophomore students from Alwood, Annawan, Atkinson, Cambridge, and Orion schools attended the program.) J. R. Warmbrod was the leader of the sections on agriculture, using the packaged program on "Occupational Opportunities in Agriculture" available from State Supervisors of Agricultural Education. Approximately 60 boys from the five schools attended the sessions on agricultural occupations.

JRW

Are Your Students Interested in Teaching? As teachers of vocational agriculture, you are the persons best qualified to counsel high school students who may be interested in preparing to teach vocational agriculture. It is in your best interests and the best interests of our profession to give encouragement to those students who indicate by their interests and abilities that they would be a credit to our profession. Indications of interest in teaching are strong interests in people, social service, agriculture, science, and mechanics. A background of successful farm experience from living and working on a farm is essential. Desire and willingness to assume responsibility for working with groups in a teaching or other leadership capacity are also important.

We are interested in securing the names and addresses of those students in your classes who have the general characteristics indicated. List only those students you are willing to give your personal recommendation.

Our major purpose in asking for the names of students interested in becoming teachers is to give us an opportunity to become acquainted with them early. Students entering the University of Illinois, College of Agriculture are now able to enroll immediately in the vocational agriculture teacher education curriculum, if they indicate that they wish to do so. These students are then assigned advisors in the Division of Agricultural Education.

Write the name (or names) and addresses of senior students you would recommend

AIDS, January 1962

and send the information to the Division of Agricultural Education, 103 Gregory Hall, University of Illinois, Urbana, Illinois. .

Names of Seniors

Addresses

AHK

INDEX TO ITEMS IN VO-AG SECTION

	Page No.
Delivery of January Agricultural Releases	4
Electric Motors for Farm Use	2
Extramural Courses - Second Semester 1961-62	2
Farm Structures Courses	3
Federal Orders for Marketing Milk	4
FFA Roadside Signs	1-2
New Bulletins and Circulars from the College of Agriculture	1
Some Items Available from Government Printing Office.	4
Standards for Measures of Efficiency for 1961	2
Status of Back Orders, Composite Orders, Etc	1

TO: Vocational Agriculture Service - 434 Mumford Hall - Urbana, Illinois

Please send the following:

_____ copies of Standards for Measures of Efficiency for 1961 @ 5¢ per copy

_____ copies Federal Orders for Marketing Milk

Teacher

School

PRICE LIST OF FEEDS^{1/}

December 20, 1961

The feed prices for many of the feedstuffs used in vocational agriculture projects are listed below. This list is meant to be used as the basis of values for all boys obtaining their feed at home. All feed actually purchased should, of course, be recorded at prices paid.

Kind of feed	Cost per bu. , cwt. , or tons in dollars
Corn, shelled, bu. ^{2/} . . . . .	.99
Corn, ground shelled, bu.	1.09
Corn, ground ear, bu.	1.09
Oats, bu.	0.59
Oats, ground, bu.	0.69
Barley, (feed) bu.	1.09
Barley, ground or rolled, bu.	1.19
Sorghum, grain, cwt.	1.91
Sorghum, grain, cracked, cwt.	2.01
Garbage and kitchen waste, ton	8.50
Skim and buttermilk, cwt.	1.50
Whole milk, Grade B., cwt	3.00
Corn silage, ton	12.00
Sorghum silage, ton	11.00
Grass silage, ton	
No preservative added	8.00
Preserved with 70-100 lb. molasses	11.00
Preserved with 150-200 lb. ground corn.	13.00
Clover and mixed hay)	20.00
Cowpea hay) Add \$5 per ton	18.00
Soybean hay) for baled hay	18.00
Alfalfa) and straw	20.00
Timothy hay)	18.00
Corn stover, ton	11.00
Oat straw	18.00

^{1/} Prepared by W. W. Albert, Dept. of Animal Science, University of Illinois, Urbana, Illinois

^{2/} High-moisture corn to be discounted at the rate of 1¢ for each 1/2% moisture above 15.5%

VOCATIONAL AGRICULTURE SERVICE
University of Illinois · College of Agriculture
434 MUMFORD HALL · URBANA, ILLINOIS

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February 1962

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and
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University of Illinois
in Cooperation with
Illinois State Board of Vocational Education



I A V A T NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

From the Office of the President

1962 State Judging Contest Rules.

The State Livestock, Dairy, Poultry and Grain judging contests will be held on Thursday, June 21, 1962 at the University of Illinois. The winning team in each division or contest will represent Illinois at the National Contest. In the past the top ten teams in livestock and in dairy have held another contest at Springfield at the time of the State Fair to determine the team in each division that would represent Illinois. This procedure was started back in the days when there were too many teams to hold the contest in one day at Urbana. Two days were used with some of the sections attending one day and the others attending the following day. The top five teams from each days judging were then sent to the State Fair to compete and to determine the top team to represent the state both in Livestock and Dairy divisions. The Poultry, Grain, Meat and Dairy Products teams have always been taken from the winners at the Urbana Contest.

Due to the smaller number of teams participating, all schools have judged on the same date at Urbana for the past few years. In checking back in the records, we found that the ten teams were very seldom ranked the same at the Springfield contest as they were at the Urbana Contest! We then had the question, "Should we have a second contest to prove that we were right or wrong in the first one?" Your Executive Committee voted in favor of using the Urbana contest as the final one to determine the teams to represent Illinois in the various divisions for this year.

Due to the interest in the Meat and Dairy Products contests in 1961, we decided to continue these two contests another year. These contests will be held on Saturday, September 22, 1962. There will be no home football game on that date. The first home football game will not be until October 13, which would be too late to select teams to represent Illinois at the National Contest.

Progress of the IAVAT Handbook Revision

We are in need of a revision report for the "IAVAT Handbook for Members" from the following committees: Banquet, Banquet Awards, Research, Judging Contests and Awards, FFA Foundation, IVA Legislation, Secretary-Treasurer, Immediate Past President, Resolutions, Public Information, and Professionalism. The revision reports from all other committees have been received, thanks to the cooperation of the Chairmen and members of those committees. Chairmen of the above named committees, please give this your prompt attention.

New IAVAT Emblem

I have received three entries for the IAVATs' New Emblem contest. These emblems will be judged at the IVA Convention in Peoria on March 3, 1962. If yours is on the drafting board, please send it to me in the very near future.

Does Illinois have "30-Minute Club Members"?

If you have had an article published in a national magazine since the June Conference, you are eligible for a "30-Minute Club Card". Send me your name, address, and a copy of the article. We will have a card for you at the June Conference. Definition of a National Magazine -- One that has circulation in at least three states.

I have the first name to receive yet. If you know of a fellow vocational agriculture teacher who meets these qualifications but is a little modest, send his name and article in for him. I'm sure we have members who are eligible.

Meet your Executive Committee - Kenneth W. Knell, Director, District IV

Kenneth graduated from the Drummer Township High School at Gibson City, Illinois. Following graduation from high school, he attended the College of Agriculture at the University of Illinois until the spring of 1943, when the R. O. T. C. was called to active duty. He was an Infantry Officer in the European Theatre of operations, receiving the bronze star.

After the war, Kenneth completed his college training and now holds a Masters of Education Degree.

Kenneth married the former Dorothy Denne of Gibson City. They have three children: Philip, a junior in high school, Denne, 6th grade, and Suzanne, a second grader.

He has taught all 15 years at Mahomet-Seymour High School. The FFA Chapter has been active through the years. The Chapter has won the National Gold Emblem Chapter rating. Boys from the Chapter have earned the following awards: State Farm Mechanics, State Soil & Water Management, State Farm & Home Beautification, State Swine Production, and a Regional Soils & Water Management winner. The Chapter has had two State FFA Presidents, five Sectional Vice-Presidents, five American Farmers, and twenty-one State Farmers. Kenneth was awarded the Honorary American Farmer Degree at the National FFA Convention in 1958.

This is Kenneths' second year as District Director. He has served as: Sectional Chairman, Member of the Record Book Committee, Member of Vocational Agriculture Service Advisory Committee, member of Banquet Committee, and a member of the committee in the development of the Electric Motors Book.

Mahomet-Seymour High School has served as a training center for Vocational Agriculture Teachers for the past eleven years with Kenneth serving as Cooperating Teacher.

Kenneth, like most agriculture teachers, is active in his community. His outside interests are fishing and hunting.

Service Awards

Mr. J. A. Twardock has given us the following information:

"Following are lists of men eligible for service awards to be presented at the I. A. V. A. T. Banquet on June 13, 1962. The banquet will be held at the usual site--The University Place Christian Church on Wright Street--6:00 p. m., D. S. T.

"In case you are eligible for an award and your name is not on one of the lists, please write to us. It has been the policy to allow a full year for those who have a half year teaching experience.

10 YEAR TEACHERS

Ralph Harmon, Avon
Gordon Adamson, Dahlgren
Paul Helms, Hillsboro
Donald Barrett, Huntley
Leroy Lawrence, Lockport
Luther Wells, Macon
Melvin Burkhalter, Mt. Morris
Robert Irvin, Mt. Carmel

William E. Bucy, Mt. Zion
H. M. Stogsdill, Nokomis
William A. Doerr, Raymond
Anton Haraldsen, Richmond
Joseph V. Griffin, St. Anne
Evan Allen, Stonington
James Corgan, Virden
D. H. Baxter, Walnut

20 YEAR TEACHERS

Vance Ahlf, Armstrong
Arthur Johnson, Elizabeth

Harold Warner, Piper City
Gale V. Gossett, Princeton

25 YEAR MEN

M. V. Heiderscheid, Auburn
A. B. Herstrum, Burlington
Stuart S. Montooth, Earlville
Dean Finch, Forreston
Burdette Graham, Macomb
R. E. Liehr, Morrison

M. J. Worthington, Petersburg
I. M. Huggins, Rockton
A. L. Schick, Sterling
Robert Howey, Sycamore
Shaw Terwilliger, Virginia

30 YEAR MEN

Nelson P. Roberts, Arcola
W. C. Brokaw, Geneseo

V. A. Green, Rushville
Clarence Hanover, Warrensburg

35 YEAR MEN

Clyde E. Fry, Clinton
W. H. Dowell, Pekin

G. L. Murray, Pontiac
I. L. Brakensiek, Quincy

Please send news to:

Jesse H. Keyser - 1400 Fifteenth Street - Lawrenceville, Illinois

VO-AG SERVICE

Announcements & Notes

New Bulletins and Circulars from the College of Agriculture. Copies of three publications have reached us from the Information Office since the last issue of the AIDS. Those are: Bulletin 678 - Inorganic Chemicals as Aids in Burning Hardwood Tree Stumps, Circular - Corn-Planter Calibration for Highest Yields, and Circular 841 - Kitchens for women in Wheelchairs. The original printing of Bulletin 678 was quite small and it will be only in exceptional cases when teachers will be able to secure additional copies. A single copy, however, was sent with the February mailing of Agricultural Releases.

Because of the nature of the publication, copies of Circular 841 were not included with the February Agricultural Releases although copies of Circular 840 were included. Those are available under ordinary procedures.

MH

Electric Motors for Farm Use. Our supply of copies of Electric Motors for Farm Use is completely exhausted. Information for revision of the publication was delivered to the Print Shop several weeks ago and at that time we were told that completed copies would be available within a five-week period. That would mean that under ordinary conditions, we should have copies sometime during the month of February. We prefer, however, that teachers refrain from ordering until an announcement is made that copies are available. We feel reasonably certain they will be announced in the March AIDS. Whenever the announcement is made, we will carry the item on the tear sheet for the convenience of those wishing to order copies.

MH

Illinois Farm Record Book. We understand that copies of the new Illinois Farm Record Book were received at least a month ago and that the Agricultural Economics Department is holding no back orders from vocational agriculture teachers. Of course, this was a reprint rather than a revision. But, effective as of last month, we are told that the price of copies of Part I are 40 cents each, regardless of the number of copies being ordered and that the price of copies of Part II are 25 cents each, without regard to the number of copies being ordered.

MH

Weed Control Clinics. On January 2, January 5, and January 16, our office received announcements relating to the Geigy Agricultural Clinics on Corn Weed Control. We assume that vocational agriculture teachers have received similar announcements. Since there is a possibility that some teachers may have been missed, or may have misplaced the announcement, we are including the dates and locations of the meetings to be held after February 15.

City	County	Day and Date	Place and Time
Quincy	Adams	Thursday, Feb. 15	Flamingo Restaurant - 8:00 p. m.
Waterman	DeKalb	Monday, Feb. 19	Waterman Grade School - 8:00 p. m.
Effingham	Effingham	Monday, Feb. 19	H. S. (Community Room) - 8:00 p. m.
Princeville	Peoria	Tuesday, Feb. 20	VFW Hall - 8:00 p. m.
Nashville	Washington	Tuesday, Feb. 20	H. S. (Cafeteria - 8:00 p. m.
Macomb	McDonough	Wednesday, Feb. 21	Amer. Legion Bldg. - 8:00 p. m.
Carmi	White	Wednesday, Feb. 21	Washington School (Gym) - 8:00 p. m.
Olney	Richland	Thursday, Feb. 22	Amer. Legion Hall - 8:00 p. m.
Mason City	Mason	Thursday, Feb. 22	Amer. Legion Bldg. - 8:00 p. m.
Carrollton	Greene	Wednesday, Feb. 28	K. of C. Hall - 8:00 p. m.
Casey	Clark	Thursday, March 1	High School (Arts Hall) - 8:00 p. m.
Elburn	Kane	Monday, March 5	Community Bldg. - 8.00 p. m.
Paris	Edgar	Monday, March 5	Crestwood Jr. High School (Multi-Purpose Room) - 8:00 p. m.
Vandalia	Fayette	Tuesday, March 6	Amer. Legion Hall - 8:00 p. m.
Fairbury	Livingston	Tuesday, March 6	Lincoln School (Auditorium) - 8.00 p. m.
Murphysboro	Jackson	Wednesday, March 7	Carruthers Jr. High School - 8:00 p. m.
Ogden	Champaign	Wednesday, March 7	Amer. Legion Hall - 8:00 p. m.
Fairfield	Wayne	Thursday, March 8	Community Center - 8:00 p. m.
Shelbyville	Shelby	Thursday, March 8	4-Hand Jr. Fair Grounds (Home Ec. Bldg.) - 8:00 p. m.
Freeport	Stephenson	Monday, March 12	Read Park Pavilion - 8:00 p. m.
Litchfield	Montgomery	Monday, March 12	High School (Agr. Room) - 8:00 p. m.
Prophetstown	Whiteside	Tuesday, March 13	City Hall Bldg. (Lions Club Room) - 8:00 p. m.
Highland	Madison	Tuesday, March 13	VFW Hall - 8:00 p. m.
Princeton	Bureau	Wednesday, March 14	VFW Hall - 8:00 p. m.
Red Bud	Randolph	Wednesday, March 14	Grade School (Cafeteria) - 8:00 p. m.
Eldorado	Saline	Thursday, March 15	Eldorado Twp. H. S. (Cafeteria) 8:00 p. m.
Taylorville	Christian	Thursday, March 15	Manners Park Auditorium - 8:00 p. m.
Belvidere	Boone	Monday, March 19	High School (Agr. Room) - 8:00 p. m.
Mt. Carroll	Carroll	Tuesday, March 20	Farm Bureau Hall - 8:00 p. m.
Auburn	Sangamon	Wednesday, March 21	High School (Vo-Ag Shop) - 8:00 p. m.
Mendota	LaSalle	Wednesday, March 21	K. of C. Hall - 8:00 p. m.
Manteno	Kankakee	Thursday, March 22	Amer. Legion Hall - 8:00 p. m.
Warren	Jo Daviess	Monday, March 26	Community Center - 8:00 p. m.
Galva	Henry	Tuesday, March 27	Messiah Luthern Church - 8:00 p. m.
Wenona	Marshall	Wednesday, March 28	Amer. Legion Hall - 8:00 p. m.
Monticello	Piatt	Thursday, March 29	Washington School (Cafeteria) - 8:00p

One of the announcements states that "New Information will be presented to show corn growers the results, conditions and advantages of a complete weed control program for corn. . . We extend a cordial invitation to you to attend one of these meetings. As before, feel free to invite farmers, dealers and any others whom you feel are interested in corn production."

Quiz on Farm Business. Since sending out this item with the January Agricultural Releases, we have received some additional information from the American Institute of Cooperation. Mr. Walter Jacoby, Director of Youth Education, informs us that they can sell the quizzes only in hundred lot quantities at \$6.00 per hundred. However, there is no objection to teachers reproducing the quiz for use in their departments. As a reference to prepare students for the quiz, Mr. Jacoby strongly recommends that a teacher have a copy of How We Organize to do Business in America, which is available from the Institute at 25 cents per copy. We also received from the Institute, a list of materials under the heading of Farmer Cooperation and a list of materials prepared by the Farmer Cooperative Service, U. S. Department of Agriculture, Washington 6, D. C. Among the items received from the Institute were:

Youth and Cooperatives and Your Role - based on their 1961 Summer Conference at Minneapolis

The Weapon Khrushchev Can't Match, American Agriculture
Farmers are Businessmen, Too!

Why-American Institute of Cooperation

Communism-Capitalism-Cooperation--Address by Raymond W. Miller
(in speech of Hon. Hubert H. Humphrey before U. S. Senate)"

As a reminder, the address of the American Institute of Cooperation is 1616 H Street, N. W., Washington 6, D. C. We also want to remind you that VAS Unit No. 2030, Four Common Ways of Doing Business, is on this general topic.

JHH

Calf Sale - February 24. We are indebted to Professor Cash for the following announcement:

"The Illinois Purebred Dairy Cattle Association will sponsor their Fourteenth Annual Calf Sale to be held in the Stock Pavilion on Saturday, February 24. As you know, only bona fide 4-H and FFA members are eligible to purchase the calves offered at this sale.

I will send one copy of the catalogue to each vocational agriculture instructor just as soon as they are off the press. Those desiring additional copies can obtain them by writing me. The catalogues will not be off the press before the early part of February.

JGC/MH

Identification and Control of Poison Ivy. The slides or slidefilms announced in the December AIDS have not, as yet, been delivered to our office. You may recall that the deadline for those was the latter part of December. Mr. Everly, who is in charge of distribution of the prints, told me that there was some delay and that they probably would not be able to deliver prints ordered for our teachers until the first part of February. If those are received at that time, teachers who ordered may look forward to receiving their material within a reasonable length of time.

MH

Farm Account Problem. We have rerun the farm account problem for use with the Illinois Farm Record Book. No revision was made, and this will remain the current problem from this office until sometime after next September. Perhaps you will recall that we attempt to prepare a new problem each two years and that we have been getting the new ones out sometime in October or November.

MH

AIDS, February 1962

Forage Facts Roundup Meetings. We are indebted to Professor Fryman for the following information:

"To help farmers boost profits from acres devoted to the production of forage, eleven Area Forage Facts Roundup Meetings will be held in Illinois during late February and early March, 1962. Following is an outline of the program:

- | | |
|-------------------|---|
| 10:00-10:45 a. m. | What's New in the Hay Field - Varieties, fertilization, and management - W. D. Pardee |
| 10:45-11:30 a. m. | From Meadow to Mow - Muscles or Machines - Wendell Bowers |
| 11:30-12:00 noon | Questions and Answers |
| 12:00-1:00 p. m. | Lunch (Dutch Treat) |
| 1:00-2:00 p. m. | New Ideas in Forage Feeding Livestock - G. R. Carlisle or H. G. Russell
Dairy - L. R. Fryman |
| 2:00-2:30 p. m. | How I use Forage to Make Money - A Panel of Farmers |
| 2:30 p. m. | Questions and Answers |

You and your class are cordially invited to attend all or part of the meeting in your area. If you cannot attend, you may wish to make an announcement about the meeting to your students and to your adult evening school participants.

Dates and Places

- February 23--Illinois Wesleyan Memorial Center, Bloomington
- February 26--Methodist Church, Effingham
- February 27--Moose Lodge, Mt. Vernon
- February 28--Dixon Springs Experiment Station, Robbs
- March 1--Weinheimer Building, Highland
- March 22--Middeldorf Auction House, Jacksonville
- March 5--Farm Bureau Auditorium, Galesburg
- March 6--4-H Center, Amboy
- March 7--Masonic Temple, Freeport
- March 8--Riley Grange Hall, Marengo
- March 9--Grace Methodist Church, Joliet

LRF/MH

Regarding Advanced Orders for Slidefilms. We have had no indication from Illinois teachers that there was a misunderstanding regarding what slidefilms was to be included to vocational agriculture teachers, but in one or two cases of the out-of-state orders, the teachers have assumed that the films announced on the so-called Film Reports would regularly be sent to advanced order subscribers. That, of course, is not correct. Those must be ordered separately, as they are announced, if teachers desire prints. Incidentally, we hope that before the next issue of the AIDS reaches you, we will have made a shipment of three or four prints that will be a part of the advanced orders for this year.

MH

Listing Cards for Items available from Vocational Agriculture Service. Thirty-one cards, listing items available from Vocational Agriculture Service are being sent to each vocational agriculture teachers in Illinois whose name is on our addressograph list. This is being done since our records show that all but about 40 of the vocational agriculture teachers in Illinois have now been given a card file cabinet and a set of cards for our various items. The 31 cards bring your set up to date, provided it was brought up to date on the basis of the information sent last August and provided you remove the cards indicated in the lower right hand corner of the accompanying sheet listing code numbers of cards that should be in the files as of February 1. The sheet listing those code numbers has a place to check in case some of your cards are missing. Those will be sent without charge if the enclosed list is checked, signed, and returned to our office. This checking can be done by a student as well as by a teacher. In order to determine the actual amount of time required I, working alone, personally checked through the complete set of cards in the office, removed those that were no longer current, and inserted those needed to bring the set up to date. The complete job required just 17 minutes. Also enclosed with copies of the AIDS, being sent to Illinois teachers, is an index that will fit inside the file box cover. This will give you a ready reference list for items included in the listing cards.

MH

Composite Orders. May we call your attention to the fact that February 15 is one of the deadline dates for ordering items normally included as a part of composite orders. Those include such items as the small engine kit, various sets of weed and crop identification slides, tractor maintenance items, and items in the concrete kit. The next date for ordering after February 15 is July 1.

MH

Trees for Windbreak Plantings - Spring 1962. We are indebted to Professor Bulkley for giving us sufficient copies of the sheet entitled "Trees for Windbreak Plantings - Spring 1962", so that copies could be sent with each copy of the February AIDS being sent to vocational agriculture teachers in Illinois.

MH

Future Farmer Exhibits. a 4-page release has been prepared by Mr. Hull under the titled of "Future Farmer Exhibits". A copy is enclosed with each issue of the February AIDS being sent to vocational agriculture teachers in Illinois. We have a limited number remaining and others interested in a single copy can obtain one free by sending their request to Vocational Agriculture Service.

MH

NEW BOOKS

The following have been added to our library since the last issue of the AIDS. All of our books are available for review in our office by those interested. As long as the editions are current, they will be included in such exhibits as one at the Annual Conference of Vocational Agriculture Teachers.

Teachers who are interested in securing copies for their own use, should write direct to the publisher.

LABOR MOBILITY AND POPULATION IN AGRICULTURE, 1961. (SU Center, \$4.95. Iowa State University Press, Press Building, Ames, Iowa.

The following information was taken from the information sheet that accompanied the publication:

"During the next decade, farm workers who wish to leave their farms and find other employment will find the opportunities less favorable. They will be in competition with themselves for the available nonfarm jobs and with the rapidly increasing number of people who are and will be reaching working age. This prediction appears in "Labor Mobility and Population in Agriculture," a new book just released by the Iowa State University Press.

Even if farm workers wanting a change could find nonfarm employment in sufficient numbers, this would not necessarily guarantee that those remaining in agriculture would enjoy substantially increased incomes. In making this point the book's authors demonstrate that while the agricultural labor force has been cut in half since 1920, agricultural per capita income still lags behind that of other industries.

"Labor Mobility and Population in Agriculture" is the outgrowth of a conference held to analyze the problems of labor supply in, and its transfer from, the agriculture industry. Twenty-nine leading workers in rural economics and sociology summarized and interpreted current knowledge about the agricultural labor force, and suggested some areas of needed research."

EARTH, THE STUFF OF LIFE, 1962. Firman E. Bear. \$3.95. University of Oklahoma Press, Norman, Oklahoma.

The following was taken from the jacket:

"It is increasingly important that man know what soil is, how it came into being, what life it contains, how plants grow out of it, what influence climatic and biologic factors have upon it, and what plants, animals, and man himself require from it. This book seeks to give intelligent readers from all walks of life an understanding of the soil, bringing the beneficence of nature into focus and sharpening the reader's appreciation of the need for conserving the soil for improved use in perpetuity."

SOIL MANAGEMENT FOR CONSERVATION AND PRODUCTION. R. L. Cook \$9.95. John Wiley & Sons, Inc., 440 Park Avenue South, New York 16, New York.

The following information was taken from the preface.

"It is the purpose of this book to set forth in simple language the principles and practices of soil management that lead to an intelligent, practical, and profitable use of land. The book is designed primarily as a textbook for students who have taken an introductory course in soil science and desire further study of the application of soil management principles. Moreover, it should serve as a reference book for students studying agriculture of the high school level, and it may be profitably read and studied by progressive farmers. In preparing this manuscript I have drawn heavily on the material used in 30 years teaching a junior level course in soil management at Michigan State University. The 60 to 80 students who have taken this course each year have been largely agricultural engineers and agronomists, agriculture majors. They are now being trained to advise farmers. I believe the book will serve as a guide to persons presently in those fields."

SPECIAL NOTICE

The following information was received after the material was typed and after part of it had been run. Consequently, it is printed here.

A letter from John Behrens, Supervisor, Conservation Education, Springfield, Illinois, contains the following information:

"I am enclosing a copy of a listing of conservation speakers that has been compiled by the Northern Illinois Chapter of the Soil Conservation Society of America. I am also taking the liberty of forwarding you 100 copies by United Parcel.

"We would appreciate you making an announcement in the next issue of your "AIDS" that these would be available from your office upon request."

The copies of the listing referred to have been received and will be available from our office as long as the supply will permit.

MH



AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

Prepare for PAVE. The Committee on Public Information of the American Vocational Association has launched a national effort to acquaint the public with vocational education through a project identified as "PAVE" (Public Awareness of Vocational Education). It is hoped that open houses will be held in every community in the nation to which will be invited school board members, legislators, representatives of the mass media, school administrators, and others who make or strongly influence policy for vocational education. A guide for conducting a local PAVE project is being prepared, also a publication which can be handed to those who attend the open houses. Responsibility for the publication has been given to the Illinois members of the Public Information Committee (Patricia Rath, Neil Simeon, Elizabeth Simpson, and H. M. Hamlin), who will be assisted by Dr. H. H. London, Head of the Department of Industrial Education, University of Missouri and Past-President, American Vocational Association, Dr. Margaret Andrews of the Minneapolis Public Schools, and Dr. M. R. Karnes and Dr. W. P. McLure of the College of Education, University of Illinois. It is expected that hundreds of thousands of copies of the publication will be distributed.

Teachers of agriculture should join with their fellow teachers of vocational and practical arts subjects in planning open houses on a community or regional basis, so that they will be ready to carry out this project when the aids for it become available.

HMH

Placement Situation. Five schools are currently seeking teachers of agriculture to start immediately. No schools have reported vacancies for 1962-63, but such vacancies are usually not reported until later in the school year. A normal number of vacancies is anticipated for 1962-63. The supply of beginning teachers for 1962-63, however, will be limited. As stated in previous placement reports in the Agricultural Education News, if you have talented boys in your high school vocational agriculture classes who will not or should not farm, tell them about the excellent employment opportunities in the teaching of agriculture.

LJP

Former Vocational Agriculture Pupils in College of Agriculture. A report prepared by Warren K. Wessels, College of Agriculture, University of Illinois, indicates that seventy-three per cent of the freshman men who entered the College of Agriculture in September, 1961, had taken some vocational agriculture in high school. He stated, "It is interesting to note that 125, or 83 per cent, of the 150 who took vocational agriculture were enrolled for four years."

LJP

Alpha Tau Alpha Initiates. The following men who are preparing at the University of Illinois to teach vocational agriculture were recently initiated into Alpha Tau Alpha:

Name	Home High School	Years of Vo- Ag in HS	Vo-Ag Teacher
Wayne Blunier	Roanoke-Benson	4	Frank Crawford
Harvey Carley	Crescent City	4	Roger Courson
Dale Fathauer	Moweaqua	4	Howard Knight
Darrell Lane	Princeton	4	Gale Gossett
Larry Melhouse	Farmington	3	Steve Kingery
Jerry Nolte	Woodstock	3	George Forgey
John Smith	Elkhart	4	Eldon Behle
Rodney Smith	Auburn	4	M. V. Heiderscheid
Ron Stickler	Paris	4	Richard Smith
James Trotter	Industry	4	Ralph Harmon
Daniel Vogler	Northwestern - Unit 175	4	Ken Stevens
Dale Walsten	Alwood	3	R. C. Geiger
Robert Wheeler	Flora	4	G. S. Zimmerman

These men should be commended for their good grades at the University of Illinois, College of Agriculture, and for their fine personalities, prime prerequisites for membership in Alpha Tau Alpha. Their achievements in agricultural education at the University of Illinois speak well for their local high schools and for their education in vocational agriculture in high school. Their former teachers of vocational agriculture deserve our congratulations.

LJP

Are Your Students Interested in Teaching? As teachers of vocational agriculture, you are the persons best qualified to counsel high school students who may be interested in preparing to teach vocational agriculture. It is in your best interests and the best interests of our profession to give encouragement to those students who indicate by their interests and abilities that they would be a credit to our profession. Indications of interest in teaching are strong interests in people, social service, agriculture, science, and mechanics. A background of successful farm experience from living and working on a farm is essential. Desire and willingness to assume responsibility for working with groups in a teaching or other leadership capacity are also important.

We are interested in securing the names and addresses of those students in your classes who have the general characteristics indicated. List only those students you are willing to give your personal recommendation.

Our major purpose in asking for the names of students interested in becoming teachers is to give us an opportunity to become acquainted with them early. Students entering the University of Illinois, College of Agriculture are now able to enroll immediately in the vocational agriculture teacher education curriculum, if they indicate that they wish to do so. These students are then assigned advisors in the Division of Agricultural Education.

INDEX TO ITEMS IN VO-AG SECTION

	Page No
Calf Sale - February 24	3
Composite Orders	5
Electric Motors for Farm Use	1
Feed Prices	Inside back cover
Farm Account Problem	3
Forage Facts Roundup Meetings	4
Future Farmer Exhibits	5
Identification and Control of Poison Ivy	3
Illinois Farm Record Book	1
Listing Cards for Items Available from Vocational Agriculture Service	5
New Bulletins and Circulars from the College of Agriculture	1
Quiz on Farm Business	3
Regarding Advanced Orders for Slidofilms	4
Trees for Windbreak Plantings - Spring 1962	5
Weed Control Clinics	2

PRICE LIST OF FEEDS^{1/}

January 20, 1962

The feed prices for many of the feedstuffs used in vocational agriculture projects are listed below. This list is meant to be used as the basis of values for all boys obtaining their feed at home. All feed actually purchased should, of course, be recorded at prices paid.

Kind of feed	Cost per bu., cwt., or tons in dollars
Corn, shelled, bu. ^{2/} . . . . .	.96
Corn, ground shelled, bu.	1.06
Corn, ground ear, bu.	1.06
Oats, bu. . . . .	.64
Oats, ground, bu. . . . .	.74
Barley, (feed) bu. . . . .	.90
Barley, ground or rolled, bu.	1.09
Sorghum, grain cwt.	1.92
Sorghum, grain, cracked, cwt.	2.02
Garbage and kitchen waste, ton	8.50
Skim and buttermilk, cwt.	1.50
Whole milk, Grade B., cwt.	3.00
Corn silage, ton	12.00
Sorghum silage, ton	11.00
Grass silage, ton	
No preservative added	8.00
Preserved with 70-100 lb. molasses	11.00
Preserved with 150-200 lb. ground corn.	13.00
Clover and mixed hay).	25.00
Cowpea hay) Add \$5 per ton	20.00
Soybean hay) for baled hay	20.00
Alfalfa) and straw.	25.00
Timothy hay)	20.00
Corn stover, ton	11.00
Oat straw	18.00

^{1/} Prepared by W. W. Albert, Dept. of Animal Science, University of Illinois
Urbana, Illinois

^{2/} High-moisture corn to be discounted at the rate of 1¢ for each 1/2% moisture
above 15.5%

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Illinois State Board of Vocational Education



I A V A T NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

From the Office of the President

Steve Pollock Recovering from Accident

Steve Pollock, one of the vocational agriculture instructors at the Edwards Senior High School at Albion, Section 23, was involved in an auto accident in January. He received a brain concussion and multiple cuts and bruises. He is presently in the Barnes Hospital at St. Louis, Missouri. At the time you read this, it is expected that, Steve will be at home recuperating. Mail will reach him addressed to West Salem, Illinois.

Progress of the IAVAT Handbook Revision

We are still waiting for a revision report for the "IAVAT Handbook for Members" from the following two committees: FFA Foundation and I. V. A. Legislation. The revision report from all other committees have been received. Thanks Chairmen and Committee Members for all of your effort and cooperation in completing these revisions.

"30-Minute Club Members"

Thanks to Dr. L. J. Phipps, I have received a list of 30-Minute Club candidates for this year from the Agriculture Education Division at the University of Illinois. Are there others????? Please take time to submit these names and the title of articles written by any members promptly. I will need to order these cards from our National Executive Secretary in March.

News from Section 18

Section 18 is holding its first Sectional Awards and Illinois Foundation Donor recognition banquet on March 16. Certificates will be presented to the Foundation Donors by Kenny McMillan; the donors will in turn present sectional plaques to the foundation award winners. All vocational agriculture instructors and wives plus the award winners and parents will be in attendance. The Sectional Foundation Committee under the capable leadership of Mr. James Norman of the Palmer-American Bank, Danville, is spear-heading this program.

Agricultural Education Magazine

The following is a letter received from Ralph Canada, Chairman, Editing-Managing Board, the Agricultural Magazine regarding the financial situation of the

AIDS, March 1962

Agricultural Education Magazine.

The passing of the Institutional-on-Farm Training Program for Veterans, and the failure to include the Agricultural Education Magazine as part of the "package dues" in certain states, has resulted in a marked decline in subscriptions to the magazine. This has placed the financial status of the magazine in jeopardy. There was a net operating loss of \$1730.10 for the period of July 1, 1960 to June 30, 1961. Further operating losses for the period beginning July 1, 1961, are rapidly depleting the financial reserves of the magazine. After using present reserves, there will still be a deficit of approximately \$3,600 by the close of the fiscal year ending June 30, 1962, unless remedial action is taken immediately.

The Editing-Managing Board, at their December 5, 1961 meeting, found it necessary to take the following action:

1. Initiate a concerted drive for increasing the number of subscriptions immediately.
2. Authorize reduction in the number of issues of the magazine as needed to keep within the anticipated receipts.
3. Draw upon the reserve and cash funds of the magazine to pay continuing publication costs and to remove the present operating deficit. When total available funds reach the \$1,000 cash reserve level, the number of issues of the magazine published annually will be reduced to adjust costs to level of receipts.
4. Request that the Chairman of the Editing-Managing Board advise agricultural education workers in the various states and regions of the possible need for raising the subscription rate as much as one dollar to several dollars per year as needed to resume monthly publication and to return the magazine to a financially sound condition.

It is therefore requested that each state association of teachers of vocational agriculture plus the state supervisors and teacher trainers, carefully consider the above actions of the Editing-Managing Board and advise the chairman of the board as early as possible regarding the following:

1. Should the subscription rate be increased as needed to provide for monthly publication and to restore the magazine to a sound financial condition?
2. To what extent can subscriptions in your state be increased during this fiscal year July 1, 1961 to June 30, 1962? For the fiscal year, July 1, 1962 to June 30, 1962.

If approximately 2000 new subscriptions can be obtained during the remainder of this fiscal year, July 1, 1961 to June 30, 1962, the drastic actions authorized by the board can be delayed.

If the increase of 2,000 subscriptions could be obtained and maintained, the magazine would be restored to a sound financial condition for the present without taking the drastic actions authorized by the Board.

Signed by Ralph Canada

Illinois is the only state in Region IV that does not include the subscription to the Agricultural Education Magazine in our package dues. I also understand that we have a very small percentage of teachers that subscribe to this magazine each year. This is our professional magazine and I believe that it plays a vital role in the Agricultural Education Profession. I can not think of a professional organization that does not have an effective means of communication among its members. This is the function of our Agricultural Education Magazine. I am asking you to consider this problem, with all of its implications, and be prepared to discuss and offer a solution to our responsibilities in this problem at the June Conference.

Introducing Your Executive Committee - C. M. Gowler, Director, District V.

C. M. Gowler was born in 1929 at Mt. Vernon, Illinois. He attended rural grade school and was graduated from Mt. Vernon Township High School in 1947. He received his B. S. Degree from the University of Illinois in February 1951. He was active in the Agriculture Education Club, Agriculture Club, A. T. A. and the Y. M. C. A. He worked at various jobs while in school such as picking apples, washing windows, and three years of repairing venetian blinds.

He spent his first year of teaching vocational agriculture at Rushville. In 1952 he organized a vocational agriculture department at Webber Township High School, Bluford, Illinois and taught there nine years. He received his masters' in Agriculture Education from the University of Illinois in 1954. He is now in his first year of teaching vocational agriculture at Centralia Township High School and Junior College.

He was married in March 1951, to Betty Runnels of Mt. Vernon. They have three sons, Ricky, Gary, and David ages 10, 8, and 3. His hobbies are woodworking, mechanics, or just "folling around with tools". Gowler is active in the Cub Scouts, serving on the Pack Committee and as Den Father. He also finds time for club work, as he is, at present, Governor of the Mt. Vernon Moose Lodge #755. The Gowler's attend the First Community Church of Mt. Vernon where he has been an usher for the past six years.

He has served two terms as Chairman, one term as Secretary of Section 21, and two years on the Vocational Agriculture Service Advisory Committee.

Please send news to: Jesse H. Keyser - 1400 Fifteenth Street - Lawrenceville, Illinois

VO-AG SERVICE

Announcements & Notes

Ag Student Guest Day -- University of Illinois -- April 7, 1962. Dean Smith has sent us the following information which we are glad to call to the attention of our readers:

"The College of Agriculture is holding its annual Ag Student Guest Day and Home Economics Hospitality Day on Saturday, April 7. Both programs will begin at 9:00 a. m.

"These campus visitation days are planned for all high school students, their parents, teachers, and friends. The program will include admission requirements and procedures, career information, and housing tours and information.

"Visitors will see the various Agriculture and Home Economics buildings, laboratories, and classrooms. Financial aids including scholarships, part-time jobs, and loans will be explained. Arrangements are being made for guests to have lunch in either the Illini Union or the student dining room in a residence hall."

MH

Electric Motors for Farm Use. This item is being reannounced since our supply of copies of the previous printing has been exhausted for several weeks. Some revision has been made although this may not be noticed by a casual review of the new copies. We have not as yet received the amount of the charges on the reprinted copies, so we are not certain whether the price can continue to be held at 35 cents per copy, f. o. b. Urbana, as previously. The price, however, will not be raised until we can definitely determine the cost of the present revision. If a price raise is necessary, that will be announced later. The publication is listed on the tear sheet accompanying this issue of the AIDS since some of our readers may wish to at least order single copies so as to determine the amount of revision and whether this revision justifies replacing copies which they now have.

MH

Judging Milk, Sediment Discs, and Milker Unit Heads. Copies of the 8-page release were included with the March mailing of Agricultural Releases. We ran a couple of hundred copies more than needed for Agricultural Releases and those are available from Vocational Agriculture Service at 5 cents per copy, f. o. b. Urbana, as long as the supply permits. This item is listed on the tear sheet for the convenience of those who may wish to order copies.

MH

New Bulletins and Circulars from the College of Agriculture. One Bulletin (679) and one Circular (843) from the College of Agriculture has been received since the February issue of the AIDS. Copies of Circular 843 - "Chemical Weed Control for Illinois" - were included with the March Agricultural Releases. Because of the limited area involved and because of the nature of the publication and the limited number printed, copies of Bulletin 679 - "Influences on Acceptance of Fertilizer Practices in Piatt County, Illinois" - were not sent with Agricultural Release mailings. Copies of Circular 843 can be obtained by following the regular procedure. Single copies of Bulletin 679 probably can be secured by teachers having a need of this particular publication.

MH

Cumulative Record Book - Farm Mechanics. We have now revised "Records of My Farming Program - Farm Mechanics". The revised edition contains 12 pages and is similar in format to the other books in the series. We have discarded the copies we had remaining from the previous printing. Copies are 10 cents each, f.o.b. Urbana. For the convenience of those who may wish to order copies, this item is included on the tear sheet accompanying this issue of the AIDS.

MH

Slidefilms - New. On January 31, prints of four slidefilms were sent to each of the 264 individuals who had placed advanced orders for films to be released by Vocational Agriculture Service during the 1961-62 school year. With those shipments, a letter was included giving a list of surplus prints which we were willing to distribute to those replying and so long as our supply would permit. At the regular price, more than \$300 worth of prints were included. Orders were received from 104 different individuals up to and including Wednesday, February 7. On February 8, we distributed all of the prints we had. We were able to send all but one of the 104 at least one or more of the prints requested. Unfortunately, one individual failed to notice that we had no single frame prints of any of the three he indicated that he desired.

The new slidefilms that were sent to the 264 individuals are as follows:

504 Identifying Coniferous Trees (color)	\$3.75
353 Increasing Earnings Through Farm Earnings (color)	3.66
370 Inventory Your Resources	1.84
371 Plan the Land-Use Program and Estimate Crop Production	1.43

Prints of each of the foregoing are still available. Those are listed on the tear sheet for the convenience of any wishing to order. Of course, those who placed advanced orders will get the discount of at least 30% from the above price. The four prints sent, along with the series of 10 on the FFA, bring the total this year to 14. It is quite possible that this may be all of the slidefilms that we will be able to complete and distribute this year although we have several others in various stages of completion.

MH

Agricultural Courses - 4-Week Summer Session - June 18 to July 14, 1962.

We are indebted to Dean C. D. Smith for the following information:

"The following agriculture courses will be offered on a 4-week basis in the 1962 summer session -- June 19 - July 14. (Registration will be on June 18.)

Agricultural Economics 324 -- Farm Operation

Field trips, estimated expense, \$5. Prerequisite --
Agricultural Economics 220

Lect-Disc 1-3 M-Tu-W-Th-F 127 Mumford Hall Wills

Agricultural Engineering 242 -- Gasoline, Liquefied Petroleum Gas,
and Diesel Tractors

Prerequisite - Agricultural Engineering 112 or 142

Lec-Disc 8-10 M-Tu-Th-F 50 Agr. Eng. Yoerger
3-5 M-Tu-W-Th Tractor Lab.

Agronomy 300 -- Advanced Special Problems

Individual problems in crops or soils. Prerequisite - Consent
of instructor and head of department

Lab-Disc Arranged Staff

Animal Science 330 (Dairy Science 330) -- Reproduction and Artificial
Insemination of Farm Animals

Same as Dairy Science 330. Prerequisite -- Zoology 104 and
either Dairy Science 100 or Animal Science 100

Lec-Lab 10-12 M-Tu-Th-F 414 A. S. L. VanDemark
8-12 W 414 A. S. L.

Each course carries one-half unit graduate credit, although Agricultural
Engineering 242 requires recommendation of the adviser and approval of
the Graduate College for graduate credit."

MH/CDS

Listing Cards of Items Available from Vocational Agriculture Service. A few
of our Illinois Teachers may have failed to see the announcement regarding listing
cards as given on page 5 of the Vocational Agriculture Service section of the February
AIDS. If so, there may have been some confusion in their minds regarding the 31 cards
that accompanied copies of the February AIDS sent to vocational agriculture teachers in
Illinois.

Apparently a reasonable number of our teachers took the opportunity to bring
their files up to date in accordance with the numbers listed on the pink sheet that
accompanied the listing cards. So far as we know, all orders have been filled for
cards needed to bring sets up to date.

MH

Materials available from American Institute of Cooperation. The Institute has reported the following leaflets available.

The Weapon Khrushchev Can't Match, American Agriculture

Farmers are Businessmen, Too!

Why - American Institute of Cooperation

Communism - Capitalism - Cooperation - address by Raymond W. Miller (in speech of Hon. Hubert H. Humphrey before U.S. Senate).

Are Cooperatives a Vital Part of the American Way?

Cooperatives in Our Private Enterprise System

What the A. I. C. is Doing for You

They also have the quiz on Farm Business available that was included in the January Agricultural Releases. Quizzes are sold in quantities of 100 at \$6.00. They also have reported to us the availability of a 28-1/2 minute color movie, "Partners", which is about Farmer Cooperatives. We did not find any mention of the film being available on a loan basis; the film is listed as costing \$150.00 on a sale basis.

The address of the American Institute of Cooperation is 1616 H Street, N. W., Washington 6, D. C.

JHH

Sound Motion Picture on "Corn Planters". We have received information from Mr. W. T. Schnathorst, Supervisor of Educational Services, International Harvester Company, through Professor Wendell Bowers, regarding a sound motion picture entitled "Corn Planters". This film has been produced cooperatively by IH working with the University of Illinois. It is primarily intended for educational work at the college level, but may be suitable for advanced high school students and adults.

The film can be secured on loan from the Farm Film Foundation, 1425 H Street, N. W., Washington 5, D. C.

JWM

Sheep Shearing Schools. Sheep Shearing Schools this year will be held as follows: March 27 and 28; March 29 and 30 - Two different schools at the Dixon Springs Experiment Station, Robbs, Illinois. April 3 and 4 - Roseville, Illinois (in Warren County). April 9 and 10 - University of Illinois, Urbana, Illinois.

We would like to limit this school to older high school boys who have sheep projects or boys who are out of school but who do own sheep flocks and wish to learn. We are not interested in boys who merely wish to spend a couple of days out of school unless they will have an opportunity to do some shearing, at least on their own sheep, after the school. Enrollment fee will be the usual \$2.50 per boy, \$2 of which will be refunded to all boys who stay for the two days of the school. These enrollment fees must accompany the letter that notifies us that the boy intends to enroll in the school. The enrollment fee should be in the form of a check made out to the Sheep Shearing Fund rather than the University of Illinois. Since we always have more enrollments than we are able to accommodate, we will take enrollments on a first-come, first-served basis, and unless the enrollment fee accompanies the letter, the boy cannot be assured of a place in the school.

To expedite matters, vocational agriculture instructors should send enrollment directly to me, G. R. Carlisle, 326 Mumford Hall, University of Illinois, Urbana, Illinois, but they should also notify the farm adviser that such a letter is being sent to me. Be sure to designate which school the boy wishes to attend since, in the past, we have received enrollments on which no school was designated.

As in the past, we will have a limited amount of used equipment for sale. This is slightly over half-price for shearing machines that have been used only one season plus about 60% of list price for new combs and cutters that have been used only in the Shearing Schools this year. This equipment will be available after the last Shearing School.

GRC

NEW BOOKS

The following book has been added to our library since the last issue of the AIDS. All of our books are available for review in our office by those interested. As long as the editions are current, they will be included in such exhibits as one at the Annual Conference of Vocational Agriculture Teachers.

Teachers who are interested in securing copies for their own use should write direct to the publisher.

HOW TO CONTROL PLANT DISEASES...IN HOME AND GARDEN. 1962. \$4.95.
The Iowa State University Press, Ames, Iowa.

The following information is taken from the section entitled "A Note to the Reader":

"This book is intended to acquaint gardeners--amateur and professional alike, as well as the many people who advise them--with the numerous types of disease problems that flowers, vines, trees, shrubs, lawngrasses, vegetables, and fruit may contract. The cultural and chemical practices necessary to keep them in check are outlined. Naturally a book of this size cannot exhaust the subject of more than 50,000 diseases. But it does describe the diseases--common and uncommon--of more than 810 genera of home and garden plants grown in the United States and Canada... To cover as much material as possible in a brief space, the style is terse and pointed. The material has been organized into sections which are coded with different colors. Each section has its own index. Each is a unit by itself and should answer such questions as "What is it?" "What can I do about it?" and "How serious is it?"



AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

Study: College Success of Students Enrolled in the College of Agriculture, University of Illinois, College of Education, University of Illinois, Urbana, 1961. Price, 25¢.

Some time ago, you were sent two copies of the study named above with the suggestion that you read it and then have a conference on it with your school administrator and guidance director. Following are some of the questions the study attempts to answer, and which you should discuss during the conference:

Question No. 1. Can students enroll in vocational agriculture for four years and still find time for mathematics, science, and foreign language?

Answer: The students enrolling in the University of Illinois, College of Agriculture, who offered four credits in vocational agriculture for admission had taken almost as much mathematics and science as had students offering no vocational agriculture credits for admission. Apparently, it is possible for students to combine enrollments in vocational agriculture, mathematics, and science.

Average foreign language credits were low for agriculture college students regardless of vocational agriculture credits earned. However, since students averaged over two credits in miscellaneous subjects, it is apparent that they had time to take more foreign languages if they had wished to do so.

Question No. 2. Does taking vocational agriculture in high school discourage college attendance?

Answer: The study reveals that a large majority of the best students in the College of Agriculture, University of Illinois, as measured by rank in high school class, have had two or more units of vocational agriculture in high school. If enrollment in vocational agriculture discouraged college attendance, we would expect a much higher proportion of the capable College of Agriculture students to have earned no high school credit in vocational agriculture.

Question No. 3. Does taking four years of high school vocational agriculture make it more difficult for students to succeed in college?

Answer: Actually, students taking the most vocational agriculture in high school earn slightly higher average grades in college than do students of the same scholastic aptitude who have taken the least vocational agriculture in high school.

Question No. 4. Do not the better college grades earned by former vocational agriculture students reflect technical agriculture course grades rather than grades in courses taken by all University students?

Answer: The study revealed that students with two or more credits in vocational agriculture earned significantly higher grades in college chemistry and botany than did students with zero or one unit of credit in vocational agriculture.

Question No. 5. Do not students who earn the most high school credit in mathematics and science also earn higher college grades?

Answer: No significant differences in all college grade averages were found for students taking the least high school mathematics and science. There was a significant relationship between units of credit in high school science and college grades in zoology.

Question No. 6. Were differences in scholastic aptitude the cause of the higher college grade point average for students with the most credit in vocational agriculture?

Answer: This does not appear probable. There was found to be no significant relationship between scholastic aptitude and units of high school credit in vocational agriculture. There was a significant positive relationship between units of credit in high school mathematics and science and scholastic aptitude. The more scholastically able students tended to take more mathematics and science than did the less scholastically able students. Yet, there was no significant relationship between units of credit in high school mathematics and science and college grade point average.

Question No. 7. Do former vocational agriculture students tend to drop out of college in higher percentages than students with little or no vocational agriculture?

Answer: According to this study, the students with the most vocational agriculture stay in college in higher percentages than do students with the least vocational agriculture.

Question No. 8. Couldn't the results found in this study be due to chance?

Answer: To check on this point, the Chi square statistical technique was used. Most of the tables contain footnotes giving the Chi square value and the probability level, " $P < .05$ " means that the result could have happened by chance fewer than five times in a hundred and the results were considered to be significant.

If the probability level was such that the results could have been due to chance more than five times out of a hundred, the results were considered to be not significant. For many of the tables, the results could have happened by chance only once in a thousand times ($P < .001$) and were considered to be highly significant.

Question No. 9. Does this mean that students in vocational agriculture do not need to take mathematics and science in high school?

Answer: The study shows only that students taking two or more units of high school vocational agriculture do as well as or better in college than students taking little or no vocational agriculture.

Students should take, without neglecting other important courses, all the mathematics and science they can in high school. Actually mathematics and science courses are needed to enable students to do well in vocational agriculture.

However, there is no evidence to support the contention that vocational agriculture should be dropped in favor of science and mathematics beyond the amounts of science and mathematics required for admission to college.

AHK

Plans for Conference on "New Dimensions in Public School Education in Agriculture" Nearly Complete. The University of Illinois will be host to a conference on agricultural education of national significance to be held June 19 to 22. Speakers, chosen from many parts of the country, who have agreed to appear are:

- Dr. Raymond M. Clark, Professor of Agricultural Education, Michigan State University
- Dr. John K. Coster, Professor of Agricultural Education, Purdue University
- Mr. Harold F. Duis, Program Specialist, Agricultural Education, U. S. Office of Education
- Mr. Walter Jacoby, Director of Youth Programs, American Institute of Cooperation (formerly State Supervisor of Agricultural Education, Connecticut)
- Dr. Gerald B. James, State Director, Vocational Education, North Carolina
- Dr. William F. Kennaugh, Acting President, Agricultural and Technical Institute, Delhi, N. Y.
- Mr. Ralph Palan, Adult Agriculture Instructor, Public Schools, Faribault, Minnesota
- Dr. Orville E. Thompson, Assistant Professor of Agricultural Education, University of California, Davis, California

Four topics will be treated on successive days:

- Counseling about and Preparing for Agricultural Occupations
- Agricultural Education in Community Colleges and Area Schools
- Research and Development in Public School Education in Agriculture
- Policy and Policy-Making for Public School Education in Agriculture

Members of the staff in Agricultural Education, University of Illinois, who have been studying these subjects intensively, will report their findings. They will be supplemented by staff members from other parts of the University. Mr. Robert M. Cole, Executive Director, Illinois Association of School Boards, and Mr. H. R. Damisch, Chief in Agricultural Education, State Board of Vocational Education, will speak.

Administrators, board members, and others will be welcomed at the Conference as well as those who are engaged in agricultural education.

HMH

The 1962 Summer School. Students enrolled in courses in agricultural education will devote the time allotted to these courses to attending the conference during the first week of summer school.

A brochure describing the four-week term for workers in agricultural education will reach all Illinois teachers of vocational agriculture soon. The course offerings will include most of the courses in Agricultural Education customarily taught, three courses in Agriculture, and three courses in Education, including a general course in Adult Education. Three new workshops will be offered for the first time in the summer of 1962.

Agricultural Education in Junior and Senior High Schools

This workshop will deal with the total scope of agricultural education in these institutions: prevocational and vocational agriculture, counseling about agricultural occupations, general and nonvocational agriculture, and agricultural education provided in non agricultural courses.

Agricultural Education in Community Colleges and Area Schools

Research Design in Agricultural Education

HMH

Placement Situation. There are no current vacancies in agriculture in the public schools of Illinois. All beginning teachers qualified at the end of the first semester have been placed. Two vacancies have been reported for 1962-63. It is expected that there will be a total of sixty to seventy vacancies in agriculture reported before September 1, 1962.

LJP

You are the Key. Vocational agriculture teachers are the key to the supply of prospective teachers of agriculture. You, as a vocational agriculture teacher, are in a position to have a great influence on whether your students choose to follow the occupation of your choice - teaching vocational agriculture or even majoring in agriculture in college.

Agriculture in the future cannot afford to suffer from lack of trained workers. One of the greatest contributions you can make is to encourage at least one or two of your best students to attend college, major in agriculture, and prepare for a career in agricultural education.

We have a responsibility to stimulate or revitalize interest in our own chosen profession. If you really believe in what you are doing, encourage potential teachers in your classes to follow in your footsteps. If you are a teacher of vocational agriculture by choice, not chance, sell your profession in the classroom and to parents. Isn't it a respectful, satisfying, and needed profession? You are the key to assuring that there will be a future supply of agricultural educators to meet the needs of the state, the nation, and the world. Remember, agriculture and agricultural education cannot become an extinct segment of our society. There will always be a need for the intelligent, well-educated farmer, agriculture educator, agricultural scientist, and related agricultural based businessman. Adapted from California State Polytechnic College, Agricultural Education Newsletter, No. 3, February 1961-62.

Write the name (or names) and addresses of senior students you would recommend as prospective vocational agriculture teachers and send the information to the Division of Agricultural Education, 103 Gregory Hall, University of Illinois,

Urbana, Illinois

Names of Seniors

Addresses

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Signed _____
Vo-Ag Teacher

Address _____

AHK

TO: Vocational Agriculture Service
434 Mumford Hall
Urbana, Illinois

Please send the following:

- _____ Electric Motors for Farm Use @ .35 ea., f. o. b. Urbana
- _____ Records of My Farming Program - Farm Mechanics @ .10 ea.
- _____ Judging Milk, Sediment Discs, and Milker Unit Heads @ .05 ea.
- _____ Slidefilm 353 - Increasing Earnings Through Farm Earnings
(color) @ \$3.66
- _____ Slidefilm 370 - Inventory Your Resources @ \$1.84
- _____ Slidefilm 371 - Plan the Land-Use Program and Estimate
Crop Production @ \$1.43
- _____ Slidefilm 504 - Identifying Coniferous Trees (color) @ \$3.75

Name

Address

INDEX TO ITEMS IN VO-AG SECTION

	Page No.
Agricultural Courses - 4-week Summer Session - June 18 to July 14	3
Ag Student Guest Day	1
Cumulative Record Book - Farm Mechanics	2
Electric Motors for Farm Use	1
Feed Prices	Inside back cover
Judging Milk, Sediment Discs, and Milker Unit Heads	1
Listing Cards of Items Available from Vo-Ag Service	3
Materials Available from the American Institute of Cooperation	4
New Books	6
New Bulletins and Circulars	2
Sheep Shearing Schools	5
Slidefilms - New	2
Sound Motion Picture on "Corn Planters"	4

PRICE LIST OF FEEDS^{1/}

February 20, 1962

The feed prices for many of the feedstuffs used in vocational agriculture projects are listed below. This list is meant to be used as the basis of values for all boys obtaining their feed at home. All feed actually purchased should, of course, be recorded at prices paid.

Kind of feed	Cost per bu., cwt., or tons in dollars
Corn, shelled, bu. ^{2/} . . . . .	.98
Corn, ground shelled, bu.	1.08
Corn, ground ear, bu.	1.08
Oats, bu. . . . .	.58
Oats, ground, bu. . . . .	.68
Barley, (feed) bu.	1.11
Barley, ground or rolled, bu.	1.21
Sorghum, grain cwt.	1.93
Sorghum, grain, cracked, cwt.	2.03
Garbage and kitchen waste, ton.	8.50
Skim and buttermilk, cwt.	1.50
Whole milk, Grade B., cwt.	3.00
Corn silage, ton.	12.00
Sorghum silage, ton.	11.00
Grass silage, ton	
No preservative added	8.00
Preserved with 70-100 lb. molasses	11.00
Preserved with 150-200 lb. ground corn	13.00
Clover and mixed hay)	25.00
Cowpea hay) Add \$5 per ton.	20.00
Soybean hay) for baled hay.	20.00
Alfalfa) and straw.	25.00
Timothy hay)	20.00
Corn stover, ton.	11.00
Oat straw	18.00

^{1/} Prepared by W. W. Albert, Dept. of Animal Science, University of Illinois
Urbana, Illinois

^{2/} High-moisture corn to be discounted at the rate of 1¢ for each 1/2% moisture
above 15.5%.

VOCATIONAL AGRICULTURE SERVICE

University of Illinois · College of Agriculture

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and
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University of Illinois
in Cooperation with
Illinois State Board of Vocational Education



I A V A T NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

From the Office of the President

Dr. H. M. Hamlin is Convalescing at His Home.

Dr. H. M. Hamlin suffered a partial blocking of a part of the coronary system the latter part of February. He returned to his home on March 12. In a letter I received from Dr. Hamlin, he said, "My objective now is to attain complete healing and to be ready for the summer conference and the summer session".

Dr. Hamlin, we wish you a speedy recovery and will be looking forward to seeing you at the June Conference and summer session.

His address is: 513 S. Willis Avenue, Champaign, Illinois.

I. A. V. A. T. Committee Reports Due May 1.

George Irvine is ready for the IAVAT Committee reports which will again be printed and passed out at the June Conference. This speeds up the conduct of business at the IAVAT General Sessions.

All Committee Chairmen - please have your report in to George Irvine by May 1. If it is ready now, why not send it in to George? I'm sure that he would appreciate your sending this as soon as possible.

I. A. V. A. T. Emblem Will Remain the Same.

Six drawings were submitted for consideration in the New IAVAT Emblem Contest. The Executive Committee judged these drawings at the Peoria I. V. A. Convention. A count of ballots showed the committee in favor of retaining the present emblem as the official emblem of the I. A. V. A. T.

Honorary State and American Farmer Degrees.

Do you have someone in your section that you would like to nominate for an Honorary State Farmer degree or an Honorary American Farmer degree? If you have a candidate, please send his name and a statement of why he should receive this degree to me as soon as possible.

Fulton County Vo-Agr. Teachers' Publicity is Showing.

I received a February 23 copy of the Canton Daily Ledger which had devoted six pages to publicizing National FFA Week. It contained pictures and stories of activities of the eight chapters in Fulton County. All advertisements offered congratulations to

the FFA Chapters in their celebration of National FFA Week. This is an excellent example of a public relations program that is showing. I would like to see this issue of the paper exhibited at the State FFA Convention for all to see. Fred Russell of Canton tells me that this was the idea of Mrs. Marion Cuyton of the Canton Daily Ledger. Congratulations to a deserving group of Vocational Agriculture Teachers. The teachers and department in Fulton County are: Fred Russell, Jr., Canton; Stephen Kingry, Farmington; Carl McCausland, Lewistown; John Rundle, Cuba; Lloyd Tripp, Astoria; Ralph Hunter, V. I. T., Charles Horn, Fairview; and Ralph Harmon, Avon.

Introducing Your IAVAT Executive Committee - E. L. Rice, District I, Director.

E. L. Rice was born in 1918 in Sangamon County, Illinois, where he attended the Illiopolis Schools. His undergraduate college training involved study at Illinois State Normal University and the University of Illinois, where he received a Bachelor's Degree in 1941 and a Master's Degree in 1951.

"Doc", as most of his friends call him, was married in 1941 to Dorris Moore. They now have three children, two boys and one girl, ages 20, 18, and 12.

Upon graduation, he taught 1-1/2 years of Vocational Agriculture in Jackson County, West Virginia, at the Gilmore High School. Following this, they moved back to Illinois and he taught 9-1/2 years at Manlius. While at Manlius, he had a number of State Farmer Degree winners, 26 sectional Production Award Winners, two Star State Sectional Farmers, one American Farmer, and three Sectional FFA Vice-Presidents. From Manlius, he went to Western Illinois University and taught the Animal Science classes there for 1-1/2 years. Upon completion of his assignment at Western, he was engaged in sales work for Consolidated Products Company for 1 year. At the end of that time, he moved to his present location as Vocational Agriculture teacher at Princeville, where he is in his eighth year. During his time at Princeville he has had 12 State Farmer Degree winners, 16 Sectional Production Award winners, 7 District Production Award Winners, and 1 Star District Farmer.

He was Sectional Chairman of Section 3 in 1947-48 and Chairman of Section 5 in 1956-58. He served as Director of District I in 1950-51. He has attended two N. V. A. T. A. and A. V. A. Conventions. He is a member of the Princeville Methodist Church and is currently treasurer of the Methodist Men's Club. His hobbies are golf and chess.

I. V. A. Convention.

Seventy-six members attended the I. A. V. A. T. Section programs at the I. V. A. Convention in Peoria on March 2. One of the highlights of the convention was the tour of the Northern Research and Development Laboratory. This gave the group an idea of what is being done to help use some of the farm surplus. The group was brought up to date on current activities in the following departments: State Office, Vocational Agriculture Service, and the Agriculture Education Offices.

Richard Carter, Secretary-Treasurer of the Illinois FFA, gave a fine talk on Leadership, Loyalty to ones work, and explained that this is a great responsibility in America today.

Mr. Charles Alexander, Director of Public Relations for Illinois Farm Supply, was the main speaker. "Professionals, Piddlers or Punks" was the title of his speech.

He explained that we in Vocational Agriculture need to lift ourselves out of the passive attitude and that our main competition is ourselves. He said that we need to keep up with and try new ideas more than we have ever needed to in past history.

Anton W. Perne, Coordinator for Civil Defense in the State of Illinois, brought the group up to date on the Civil Defense program for Illinois and explained the teachers role in its execution.

Something That Should Be Done Soon!

Have you reviewed with your Administration and guidance personnel in the bulletin "College Success of Students enrolled in the College of Agriculture, University of Illinois" by Dr. A. H. Krebs?

This is an excellent time of the year to review the findings with the above mentioned groups as pre-registration is just around the corner in most schools. This report shows what we have believed for a long time but now we have our belief backed up by research.

New Dimensions in Public School Education in Agriculture.

I would like to call your attention to a news release by Dr. Hamlin regarding a conference to be held at the University of Illinois this summer. It is as follows:

Speakers and consultants chosen from many parts of the country will share with the staff of the University of Illinois in presenting a program on "New Dimensions in Public School Education in Agriculture", at a conference of national significance to be held at the University June 19 to 22, 1962.

Four principal topics will be treated on successive days:

1. Counseling about and preparing for Agricultural Occupations
2. Agricultural Education in Community Colleges and Area Schools
3. Research and Development in Public School Education in Agriculture
4. Policy and Policy-Making for Public School Education in Agriculture

Speakers and consultants from outside Illinois will be:

1. Dr. Raymond M. Clark, Professor of Agricultural Education, Michigan State University
2. Dr. John K. Coster, Professor of Agricultural Education, Purdue University
3. Mr. Harold F. Duis, Program Specialist, Agricultural Education, U. S. Office of Education
4. Mr. Walter Jacoby, Director of Youth Programs, American Institute of Cooperation (formerly State Supervisor of Agricultural Education, Connecticut)
5. Dr. Gerald B. James, State Director, Vocational Education, North Carolina
6. Dr. William F. Kennaugh, Acting President, Agricultural and Technical Institute, Delhi, New York
7. Mr. Ralph Palan, Adult Agriculture Instructor, Public Schools, Faribault, Minnesota
8. Dr. Orville E. Thompson, Assistant Professor of Agricultural Education, University of California (Davis)

Members of the staff in Agricultural Education, University of Illinois, who have been studying intensively the subjects to be discussed will present the findings of their studies. Staff members from other parts of the University and leaders of thought from the State of Illinois will have important parts in the program.

Agricultural educators, who have been seeking a national center at which their problems could be studied in depth, will find that this Conference will satisfy temporarily a part of their needs. It could be a precedent for other national gatherings at other universities.

A detailed program of the Conference and information about housing are available from H. M. Hamlin, Chairman, Department of Vocational, Technical, and Practical Arts Education, College of Education, 103 Gregory Hall, University of Illinois, Urbana, Illinois. There is no fee for the Conference.

The Conference is a part of the four-week summer term for workers in agricultural education. All students in courses in Agricultural Education will attend the Conference during the first week of the summer term in lieu of attending classes. A brochure describing the summer session offerings is available. Innovations in this year's summer offerings in agricultural education will be provided in three workshops:

Agricultural Education in Junior and Senior High Schools:

This will deal with the total scope of the program of agricultural education in these institutions: prevocational and vocational agriculture, counseling about agricultural occupations, general and nonvocational agriculture, and agricultural education provided in nonagricultural courses.

Agricultural Education in Community Colleges and Area Schools:

This is perhaps the first course of this type to be offered in the United States. It enters an area of much concern to agricultural educators. Extensive preparations have been made for offering the course.

Research Design in Agricultural Education:

This is probably another "first" in the United States. There is growing consciousness of the need for research in agricultural education and increasing funds will be available for it. The "bottleneck" appears to be a lack of persons who can design profitable research.

The usual summer courses in agricultural education, a general course in adult education for agricultural educators and others, three courses in Agriculture, and two courses in Education will be provided.

"Dues Due at June Conference".

The American Vocational Association has changed its fiscal year to run from July 1, 1962 to June 30, 1963. The I. V. A. changed their fiscal year to correspond with the AVA action at Peoria Convention. The Executive Committee of the I. A. V. A. T. voted to change our fiscal year to correspond with both IVA and AVA fiscal year to avoid confusion in records of the associations with which we are associated. Sectional Chairmen will collect dues at the regular sectional meetings at the June Conference.

Send News to: Jesse H. Keyser, 1400 Fifteenth St., Lawrenceville, Illinois

VO-AG SERVICE

Announcements & Notes

Bulletins and Circulars from the College of Agriculture. Since the last issue of the AIDS, we have received two new Bulletins and two Circulars. The Bulletins are Circular 680 - "Experimental Studies on Control of Oak Wilt Disease" and 681 - "Selection of Freshening Dates That Will Maximize Dairy Profits". The Circulars are 845 and 846. The first is entitled "Illinois Forage Handbook" and the second is "Planning a Minimum Tillage System for Corn".

Copies of Circular 846 were sent to all vocational agriculture teachers in Illinois early in March. Normally, those would have been held until the April Agricultural Releases were mailed, but since it was thought that the teachers might wish copies earlier, a special mailing was made as soon as possible after the copies were available. Circular 845 is being sent with the April Agricultural Release mailings. Copies are available through regular channels except we wish to call your attention to the fact that not more than 1 or 2 copies of the Bulletins will be available unless those requesting them can show need for the additional copies.

MH

Fourteenth Illinois Custom Spray Operators' Training School. When we finished packaging the March Agricultural Releases, we found that through a mistake, we had been supplied with more copies of this publication than we needed for the Agricultural Release mailings. We did not notice this when the item was date stamped for the Releases, and consequently we have approximately 25 or 30 extra copies that carry the Agricultural Release date stamp for March 1962. This publication has been priced at 75 cents per copy, but as long as our supply permits, we will make those available to teachers at a cost of 50 cents each, f.o.b. Urbana. For the convenience of those who may wish to order, we are including this on the tear sheet. Please note that this price applies only to the extra stamped copies which we have.

MH

Calendar of Events -- 1962-63. Copies of the so-called Calendar of Events for August 1962 to September 1963 will be included with the April mailing of Agricultural Releases. Additional copies are available from Vocational Agriculture Service at 15 cents per set of 12 sheets. This item is included on the tear sheet for the convenience of any wishing to order.

MH

FFA Roadside Signs -- Reconditioned. Reconditioned signs for the following chapters are now available for pickup from our Building. We have starred the names of those chapters whose signs have already been returned to our Building. The remainder should make plans for returning their sets of signs when they pick up the reconditioned ones. We can make arrangements for sending sets by United Parcel Service if the school wishes to pay the shipping costs and if arrangements are made for returning sets to us before asking that we ship the reconditioned ones.

Albion	Griggsville	Niantic
Armstrong	Hampshire	Oneida
Augusta	Harvard	Paxton
Aviston	*Hennepin	Pittsfield
Barry	*Homer	Pinckneyville
*Bellflower	*Lawrenceville	Plymouth
Brimfield	Lebanon	Potomac
Western (Buda)	*Manito (Forman)	Rossville
*Bushnell-Prairie City	Maroa	St. Anne
Cerro Gordo - 2	McHenry	St. Charles
Cisne	McLeansboro	St. Joseph
Colfax	Mendota	Stanford
*Easton	Moweaqua	Stillman Valley
Edwardsville	Nauvoo-Colusa	*Tonica
Galesburg	*Neoga	Tuscola
		Virginia
		Washburn

If our records are in error in any way, we trust that you will let us know at once. Schools wishing to do so can pick up signs at the time of the June Conference or any time when the Building is open prior thereto.

MH

National Junior Vegetable Growers Association. We are indebted to the thoughtfulness of Professor R. O. Lyon for the following announcement:

"The National Junior Vegetable Growers Association is an organization for young people interested in fruit and vegetable production. Anyone between 14 and 21 years of age can participate. The projects this year include the -

1. Production and marketing contest.
2. Demonstration contest.
3. Judging, grading, and identification contest.

The production and marketing contest stimulates and encourages young people interested in growing and marketing horticultural crops. It requires detailed records of production practices, costs, profits, and marketing methods. Any 4-H or FFA member may enter this garden project in this contest. The national contest will be held in conjunction with the NJVGA convention in Miami, Florida, December 2-6, 1962.

Enrollment cards and details on the project requirements can be secured from the State NJVGA adviser, R. O. Lyon, 412 Mumford Hall, Urbana, Illinois."

ROL/MH

V
A
S

Movie entitled "Partners" available from A. I. C. Since announcing the availability of some materials from the American Institute of Cooperation in the March AIDS, we have received additional information. Their movie, "Partners" is available for loan to teachers and Extension workers only, without charge except for return shipment. The film is 28-1/2 minutes in length and tells "the story of a farmer and his cooperative." When we listed the film being for sale in the March AIDS, we did not have information of its availability on a loan basis. The address of the American Institute of Cooperation is 1616 H Street, N. W., Washington 6, D. C.

JHH

Yorkshire Swine Pictures. We are able to make this announcement due to the thoughtfulness of Professor Harry Russell. He brought to our office a series of four colored pictures showing a barrow, a boar, a gilt, and a sow and litter of Yorkshire hogs. We understand that those approximately 8-1/2" x 11" colored pictures are available without charge. Those interested will perhaps wish to write to the American Yorkshire Group, Inc., Box 878L, Lafayette, Indiana. Please do not send your request to our office since we do not have any sets of the pictures for distribution.

MH

Social Security Credits for Farm Landlords. It is quite possible that some of your clientele will be interested in the following announcement which we received through the thoughtfulness of the Social Security District Office here in Champaign.

"It is now possible for a farm landlord to receive social security credits even though his land is farmed by an unpaid agent. In the past, the acts of an unpaid agent in performing physical work, making management decisions, advising and consulting with tenants and inspecting the crops could not be counted in establishing that the landlord 'materially participated' in the farming operation.

"Formerly, a farm landlord who took no personal interest in the farming operation as a whole could not report his net farm profit for social security purposes, even though he might have furnished a substantial portion of the farming equipment and expenses of producing the crops or livestock.

"Farm landlords whose applications for social security payments have been denied in the past should again see their local Social Security Administration District Office if they have any questions regarding this new provision."

MH

Soil Conservation Aids. On page 7 of the February AIDS we made an announcement regarding a release that Mr. Behrens had made available dealing with Soil Conservation Aids. He sent us about 100 copies of this 6-page release and copies are free as long as the supply permits. Since several copies remain after the February announcement, we are reannouncing the material at this time and including it on the tear sheet in case you wish to request one. Obviously, a single copy will be all that will normally be required by any teacher.

MH

Growing Alfalfa Successfully (colored film). During March, Mr. Werner L. Nelson, Midwest Director of the American Potash Institute, stopped in our office and discussed some of the teaching materials which they have available or which are under way. Since then, he has given us the following information regarding one of their items:

"Growing Alfalfa Successfully" a new film in color, 25 minutes running time, has recently been released by the American Potash Institute. It covers the value and uses of alfalfa featuring the soil and nutrients requirements of alfalfa as well as cultural methods. Management techniques, including fertilization, liming, seeding, inoculation, cutting, pests and control are illustrated. Special time-lapse photography is included to show how plant feeds and grows. This is available from the Visual Aids Department, University of Illinois."

MH

Agronomy Facts -- Volume II. In checking on items to be included on one of the forms normally used June Conference week, we find that only about 60 copies remain of Volume II of Agronomy Facts. Consequently, this item will not be included among those available at the time of the Conference since the supply will probably be exhausted before that time. Teachers interested in securing copies will perhaps find it advisable to contact our office as soon as possible if they wish to get one of the remaining copies. Of course, quantities will continue to be available as long as the supply will permit. Copies are \$1.00 each, f.o.b. Urbana. For the convenience of any who may wish to order, the item is included on the tear sheet although it certainly is not a new item.

MH

Agricultural Release Pricing. For two consecutive years now, the price of Agricultural Releases has run over the \$10.00 maximum. In each case subscribers were charged the \$10.00 and Vocational Agriculture Service absorbed the difference. Last year, this difference was 70 cents, which doesn't sound like much, but when multiplied by 567 subscriptions, totaled about \$400.

The teachers in attendance at the I. V. A. Convention voted almost 100 percent for us to raise the maximum charge rather than screen the material closer and keep the charge below the \$10.00. With this in mind, the maximum charge for Agricultural Releases next school year will be \$15.00, plus postage. You, of course, will be billed only for the actual charges of releases as in the past.

Order forms for 1962-63 Releases will be included with the May shipment and will be available from our office anytime after that.

JWM/WHW

One-Day Course on Farm Surveying. During past years, one-day courses to qualify teachers to use one of the Vocational Agriculture Service loan kits of surveying equipment have been offered in nearly every one of the 25 sections. Enough kits have been provided to serve the even-numbered sections one year and the odd numbered

JWM

sections the next. Kits will be available to the even-numbered sections during the school year 1962-63.

In order to provide the qualifying training for teachers who for any reason were not able to attend a course in their own section, a special course will be given at Urbana on Monday, June 11 - the day preceding the opening of the June Conference.

If you wish to enroll in this course, please fill out the registration blank on the tear sheet of this issue of the AIDS and return it to Vocational Agriculture Service before May 15. At that time we will send further information to those who have enrolled to verify that at least a minimum number have registered to make the course definite.

We will continue to offer this course on a sectional basis if six or more teachers request it and can agree on a suitable time and place. The course proposed to be held in Urbana on June 11 is for individuals in sections where there is not sufficient demand for a course to be given locally.

JWM

Suggestions for the SOILS AND FERTILIZER Courses. On March 10, vocational agriculture teachers met in Springfield to plan the summer in-service program on Soils and Fertilizers. It was suggested at this meeting that vocational agriculture teachers be given the opportunity to send in any specific problems or questions they feel should be handled in the intensive 3-day program for the 10 teachers who will serve as instructors for the sectional meetings. These questions, problems, etc., can be sent direct to Vocational Agriculture Service or to any of the following vocational agriculture teachers if you find that more convenient:

District I	Clifford Sichta, Lanark William McKelvey, Taylor Ridge
District II	John Olson, Kirkland Donald Schriefer, Sheldon
District III	Carl McCausland, Lewistown I. L. Brakensiek, Quincy
District IV	Gordon Bidner, Bellflower James Leming, Mattoon
District V	Delmer Launius, St. Jacob Harold L. Hall, Farina

RLC/MH

Cattle Feeders Day. We are indebted to Don Walker of the Animal Science Extension Division for the following information regarding Cattle Feeders Day, and, of course, teachers are invited to attend.

CATTLE FEEDERS DAY
University of Illinois
Urbana, Illinois
April 13, 1962

9:00 - 11:30 MORNING SESSION - BEEF CATTLE BARN

Tours of Beef Cattle Experiments - 1/4 mile south of football Stadium

Tests in progress - P. E. Lamb, Herdsman, in charge at farm

Haylage versus hay for finishing steers
High-moisture versus cracked shelled corn
Limited high-moisture corn versus full feed of corn
Vitamin A experiments in finishing steers
Multi-eared versus regular corn silage versus hay
for wintering heifers
Automation of complete feeding program

11:30 BARBECUE BEEF LUNCH IN STOCK PAVILION
Served by Hoof and Horn Club

AFTERNOON SESSION - AUDITORIUM

H. G. Russell, Extension Livestock Specialist, Chairman

1:15 Welcome - J. B. Claar - Associate Director of Extension, College of
Agriculture

1:20 Changes I've Seen Since My First Cattle Feeders Day 50 Years Ago
J. R. Fulkerson - Jerseyville

1:40 Nitrate-Vitamin A Relationships in Cattle Feeding - G. S. Smith

2:00 Effect of Energy Level in the Ration on Protein Requirements of
Finishing Cattle - J. E. Zimmerman

2:15 Effect of Length of Heavy Silage Feeding Period upon Feed Requirements
and Carcass Quality - A. L. Neumann

2:30 Factors Effecting Yield of Retail Trimmed Cuts in the Beef Carcass -
B. C. Breidenstein

3:00 The Beef Cattle Situation - L. H. Simerl - Agricultural Economics
Department

DW/MH

NEW BOOKS

The following have been added to our library since the last issue of the AIDS. All of our books are available for review in our office by those interested. As long as the editions are current, they will be included in such exhibits as the one at the Annual June Conference for vocational agriculture teachers.

Teachers who are interested in securing copies for their own use should write direct to the publisher.

PLANTS: AN INTRODUCTION TO MODERN BOTANY. Greulach & Adams, 1962. \$7.50
John Wiley & Sons, Inc., 440 Park Avenue South, New York 16, New York.

The following was taken from the preface:

"This book has been written for one-semester or one-quarter courses in general botany. We believe that it will be suitable both for students who specialize in botany or related sciences and for the larger number of students who take general botany as a required or elective part of a program of liberal education and will probably take no other courses on botany. We hope, however, that the book will assist the instructor in stimulating an interest in botany among at least the more capable students on careers in the plant sciences.

"In writing the book we have assumed that the student will have had an introductory course in chemistry, either in high school or college. For those students who have never taken chemistry we have included an appendix chapter outlining elementary basic chemical concepts essential for a reasonable understanding of the chemistry used in the text. This is, of course, no substitute for a course in chemistry but we believe it will enable intelligent students without a chemical background to use the text with a reasonable degree of understanding. This appendix may also be useful to students who wish to review their chemistry.

"In general, our aim has been to present an interesting and up-to-date account of the more important concepts and principles of modern botany with emphasis on the dynamic aspects that are currently receiving so much attention in research laboratories. We have tried to limit extensive and detailed factual information to those items that contribute toward an understanding of important concepts and principles. The historical introductions to photosynthesis, mineral nutrition, and genetics are included to give the student some idea of the ways botanical concepts have developed through continuing research."

PLANTS: INTRODUCTORY INVESTIGATIONS IN BOTANY. Greulach & Adams. 1962. \$3.95. John Wiley & Sons, Inc., 440 Park Avenue South, New York 16, New York.

The following was taken from the preface:

"This laboratory manual, designed for a one-semester course in general botany and more specifically to accompany the authors' textbook (Plants: An Introduction to Modern Botany), presents a new and different approach to general botany laboratory work. We believe it is an approach that will appeal to many of those instructors who are dissatisfied with the traditional general botany laboratory exercises and to many of the students who will use the manual in their laboratory work.

"In place of the numerous short and often rather unrelated exercises commonly outlined for a day's laboratory work and presumably designed to touch on as many of the different topics covered in lectures as possible this manual presents a limited number of longer laboratory problems. Each problem is a minor investigation that will occupy all or most of a week's laboratory time, so a student can work on only one or two problems each week.

"In common with the textbook that it is designed to accompany, this manual places considerably more than the usual stress on the dynamic and experimental aspects of botany, twenty-four of the forty-four problems being experimental. The problems, however, sample most of the botanical disciplines--taxonomy, cytology, anatomy and morphology, ecology, physiology, and genetics--and provide the student with a reasonably representative cross-section of the sorts of investigations botanists pursue, even if only at a rather elementary level."

A STUDY OF MANAGERIAL PROCESSES OF MIDWESTERN FARMERS. Glenn Johnson. 1962. \$4.95. The Iowa State University Press, Ames, Iowa.

The following was taken from the Information Sheet that accompanied the publication:

"Managerial Processes of Midwestern Farmers", a new book just released by the Iowa State University Press, presents some answers to the question, 'Why do farmers decide their management problems in one way instead of another'?

"The book is the outgrowth of a 7-year "Interstate Managerial Study" undertaken by the Risk and Uncertainty Subcommittee of the North Central Farm Management Research Committee. The study covered 1,075 farm managers in Indiana, Iowa, Kansas, Kentucky, Michigan, North Dakota, and Ohio--under the auspices of the agricultural experiment stations in these states and the Farm Foundation."

IDEAS FOR FARM MECHANICS PROJECTS AND ACTIVITIES. Phipps & Jenne. 1962. \$4.50. The Interstate Printers and Publishers, 19-27 North Jackson Street, Danville, Illinois.

The following was taken from the preface of the publication:

"This book is a compilation of visual illustrations from various sources that may suggest farm mechanics projects and activities. It contains

AIDS, April 1962

a minimum of written content and a maximum amount of visual suggestions. Often a farmer or future farmer has a vague idea regarding some activity involving farm mechanics. He needs additional stimulation to crystallize his ideas and to stimulate action. The purpose of this book is to help farmers and future farmers crystallize their ideas regarding needed farm mechanics projects and activities on their farms. . . this book provides a simple, easy and efficient way for a farmer or future farmer to obtain a broad overview of many ideas relating to farm mechanics projects and activities. It, for example, may serve as a quick overview of ideas for solving a farm mechanics problem which has been recognized and defined. . . Many of the illustrations in this book are not working drawings. They are ideas and when working drawings are available, the source is presented in the footnote for the illustration. . . It is not the purpose of this book to provide information on how to perform various skills in farm mechanics. This type of information can be secured from a farm mechanics textbook."

ECONOMICS OF WATERSHED PLANNING. Tolley and Riggs. 1961. \$3.95. The Iowa State University Press, Ames, Iowa.

The following information was taken from the Foreward of the publication:

"Frontiers used to move west, but a symptom of our national maturity is that some of the frontiers in water resources development are moving in the opposite direction. The spreading interest in water in the East does not stem from the same urgent concern about water scarcity found in the West. Where serious problems do occur in the East, they often concern only one facet of water use such as flood control, pollution due to growing industries, or the reaching out of growing cities for water supplies. These lead naturally to an awareness of the inter-relatedness of all water uses. Irrigation is increasing, partly due to reductions in the cost of pumping and transporting water. In most eastern areas, irrigation still does not use a large fraction of the water supply, but the agricultural effects can be seen and are dramatic even if as yet localized.

"The increased interest in water resources all over the country suggests that the desirability of advance planning is being recognized. Programs now under way are helping to accumulate experience that will be ever more valuable as water problems increase in importance. Watersheds are being developed throughout the country by building small dams, clearing stream channels, adjusting cropping patterns to control water runoff and improve incomes, and by making other investments in a small-area context. While this book is concerned partly with how small watershed development can best fit into river basin and regional planning, its more general aim is to contribute to a variety of working-level planning decisions that concern technicians, administrators, and legislators in on-going water resources development."



AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

Illness of Dr. H. M. Hamlin. As many of you know, Dr. Hamlin has been in the Burnham Hospital, Champaign, since February 18. It is hoped that he will be home by the time you receive this copy of the AIDS. He sends this message to you, "My coronary troubles have been minor, never serious. The measures we are taking are precautionary. Our reasonable hope is for complete healing." His physician has advised him to rest for the remainder of the semester. He plans to return to teaching this summer.

LJP

Conference, New Dimensions in Agricultural Education, and 1962 Summer Session. You should start planning now to attend our conference of national significance, New Dimensions in Agricultural Education, and the 1962 Summer School. Summer School registration will be June 18. The Conference will start June 19. Brochures on the Conference and on Summer School offerings will be sent to you soon. Be looking for them.

LJP

Placement Situation. Any teacher of vocational agriculture who has completed a course at the University of Illinois is eligible for placement service. At present, 15 inexperienced teachers and 40 experienced teachers are registered for assistance in locating a position for the 1962-63 school year. Most of the experienced teachers registered are currently teaching vocational agriculture in Illinois. If you desire placement assistance, write the Placement Office, 200 Gregory Hall, Urbana, for forms needed to activate your credentials. The 1962-63 placement season is just beginning. It appears that there will be a normal number of vacancies for 1962-63.

LJP

Graduate Assistantships in Agricultural Education. The Agriculture Education Division, University of Illinois, will have some fourth-time and half-time graduate assistantships available for the 1962-63 school year. If you are interested, write Lloyd J. Phipps, 103 Gregory Hall, Urbana, for application forms and details.

LJP

AIDS, April 1962

Education 477, Field Studies in Agricultural Education. The following announcement was sent to all teachers of vocational agriculture in District I. In our present plan for rotating the course among the five districts, the course will not be offered in District I again until 1967.

Teachers who have not returned the form at the end of the announcement are urged to do so. Teachers in schools bordering on District I who wish to enroll if the location of the centers is suitable should also complete the form.

Ed. 477 will be offered in District I this next school year. Classes will begin in September, 1962 and will be completed during the first semester. This is the regular time for Ed. 477 to be offered in District I as a part of the plan for rotating the course among the five districts. The course will not be offered again in District I until 1967.

As in the past, there will be eight class sessions. Each session will start at 5:00 p. m. and end at 9:00 p. m. The meetings should be completed in the early part of the semester. Two sections of the course are planned to reduce travel problems.

Ed. 477 is specially designed to deal with current problems in agricultural education and to give teachers an opportunity to work on problems peculiar to their own situations. It provides an opportunity both for getting up-to-date and for experimenting with new ideas. All experienced teachers are eligible for the course.

In past years, we have been able to make arrangements for the course fairly definite by the time of the June Conference. This has made it possible for teachers to avoid conflicts with other meetings. To make the necessary arrangements, I need to know the names of teachers who plan to enroll. Please complete the following form and return it as soon as possible.

AHK

Mail to: A. H. Krebs, 103 Gregory Hall, University of Illinois, Urbana, Illinois.

1. Plans for enrolling in Ed. 477: _____

2. Preferred night for meeting: (rank 1, 2, 3, 4 in order of preference)

_____ Monday _____ Tuesday _____ Wednesday _____ Thursday

Signed _____

School _____

AIDS, April 1962

Teaching Vocational Agriculture. Professor Carsie Hammonds, Agricultural Education, University of Kentucky, made the following statements in an address delivered at the 1961 annual convention of the Missouri State Vocational Agriculture Teachers Association. His remarks deserve your careful consideration.

Vocational education is on the march. Vocational education in agriculture is on the march. Agriculture is becoming more important. Farmer training is becoming more important. Only by increasing efficiency in farming can people be spared to do other things than produce food and fiber. The smaller the number of farmers per 1,000 total population, the more efficient the better trained must each farmer be. (A teacher without a warm conviction of the importance of agriculture will not be enthusiastic about the agriculture he teaches.)

We are on the threshold of a new day in vocational agriculture, a day with far greater possibilities than the day into which I came.

In the new day in vocational agriculture there must be clarity of purpose and objectives. Our objectives, teaching objectives and other objectives, get their sanction from the purposes of our work. The purpose of vocational agriculture is to give training in farming, whatever use the persons in our classes may make of the training. (At least, that is my opinion). No recognized leader in agricultural education today contends that vocational agriculture should lead only to the farm. It leads to farming, but it also leads to many destinations in which training in farming makes a significant contribution.

Farming represents only one segment in agriculture, as you well know. Over 2-1/2 times as many people are engaged in non-farming agricultural occupations as are engaged in farming. Most of those occupations that concern us deal with the furnishing of equipment, supplies, and services to the farmer. Often our boys in vocational agriculture do not know about the job opportunities in these occupations. If they knew about them, many boys would like to enter these occupations in order to use to advantage their farm background and training in vocational agriculture. Farm boys need guidance. Part of it must come from teachers of vocational agriculture. Many of the boys in vocational agriculture will later need training for the non-farming occupation they will enter -- technical education it must be, usually a year or more in length. There is a great need for providing this training beyond the high-school level for young men.

Vocational agriculture in high school has, too often, been looked upon as terminal. In the new day we will not accept any education as terminal. Beyond high school are the young-farmer and adult-farmer programs for those who farm. There is the specific training for occupations related to farming. Many boys taking vocational agriculture will go on to college for four years or more. High school vocational agriculture should be an effective recruiter for agriculture in college. You and I are failing in our duty if we don't recruit. (The 4-year colleges prepare for the professions, and a number of our boys should enter the professions.)

Schools exist in order that teaching may be done in and through them, the teaching of all people who desire to be taught -- those who are gifted and those who are not so gifted. Too long and too exclusively has the term "gifted" been attached to the academically gifted, to high performance in school and school-like activities, to intelligence as measured by the IQ. Agriculture and life in general call for creative activities as well as many other activities which may be quite unlike activities in the academic school, but which may be no less intellectual in nature. The concept of gifted is changing or has changed. There may be several types of gifted other than the IQ type. Of the many dimensions of the mind, only a few are included in our IQ tests. Creative talent is not measured well by such tests, neither are the "special abilities" -- mechanical ability and the like. This fact does not regulate these things to a lesser category.

You and I would like to have intelligent students in our classes, but we can go too far with the idea. Every individual is of infinite worth. The typical community is half-filled with people of something less than exactly 100 IQ -- good citizens, kindly parents, pleasant neighbors, fine craftsmen, honest tradesmen, successful farmers.

LJP

Professional Interest and Action. Forty teachers of vocational agriculture have responded to our request for names of boys who have the ability and agricultural background needed for becoming teachers of vocational agriculture. These forty teachers sent in one hundred and fifteen (115) names and addresses.

We have sent a letter of encouragement, plus a brochure on teaching vocational agriculture, to each of the young men named. We have also sent a copy of the letter to each of the teachers who responded so they would know what we are doing.

The response of the forty teachers to our request indicates a recognition of the need for providing a continuing supply of good teachers and a recognition that providing teachers is, in part, a professional responsibility. Such concerted efforts can not help but be rewarding to the responding teachers personally and to our profession.

AHK

Write the name (or names) and addresses of senior students you would recommend as prospective teachers of vocational agriculture and send the information to the Division of Agricultural Education, 103 Gregory Hall, University of Illinois, Urbana, Illinois.

Names of Seniors

Addresses

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Signed _____

Vo-Ag Teacher

Address _____

TO: Vocational Agriculture Service
434 Mumford Hall
Urbana, Illinois

Please send the following:

_____ Soil Conservation Aids, Free

_____ Agronomy Facts, Vol. II, \$1.00 each, f. o. b. Urbana

_____ Fourteenth Illinois Custom Spray Operators' Training School manual,
\$.50 each, f. o. b. Urbana (Please see item page 1)

_____ Calendar of Events, \$.15 per set of 12 sheets, f. o. b. Urbana

_____ I wish to enroll in the one-day course on Farm Surveying to be held
at Urbana on Monday, June 11, to qualify me to use the loan kit of
surveying equipment.

Teacher

School

10
484 Alumni Hall
Urbana, Illinois

Please send me the following:

_____ Call on student in field. Free

_____ Agency of fact. Vol. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. \$1.00 per volume.

_____ _____
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_____ _____
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_____ _____

Teacher

School

INDEX TO ITEMS IN VO-AG SECTION

	Page No.
Agricultural Release pricing	4
Agromony Facts - Volume II	4
Bulletins and Circulars from the College of Agriculture	1
Calendar of Events	1
Cattle Feeders Day	6
Feed Prices	Inside back cover
FFA Roadside Signs - Reconditioned	2
Fourteenth Illinois Custom Spray Operators' Training School	1
Growing Alfalfa Successfully (colored film)	4
Movie entitled "Partners" available from A. I. C.	3
National Junior Vegetable Growers Association	2
New Books	7, 8, 9
One-day Course on Farm Surveying	4, 5
Suggestions for the Soils and Fertilizer Courses	5
Social Security Credits for Farm Landlords	3
Soil Conservation Aids	3
Yorkshire Swine Pictures	3

PRICE LIST OF FEEDS^{1/}

March 20, 1962

The feed prices for many of the feedstuffs used in vocational agriculture projects are listed below. This list is meant to be used as the basis of values for all boys obtaining their feed at home. All feed actually purchased should, of course, be recorded at prices paid.

Kind of feed	Cost per bu., cwt., or tons in dollars
Corn, shelled, bu.	1.04
Corn, ground shelled, bu.	1.14
Corn, ground ear, bu.	1.14
Oats, bu. . . . .	.59
Oats, ground, bu. . . . .	.69
Barley, (feed) bu.	1.11
Barley, ground or rolled, bu.	1.21
Sorghum, grain cwt.	1.92
Sorghum, grain, cracked, cwt.	2.02
Garbage and kitchen waste, ton	8.50
Skim and buttermilk, cwt	1.50
Whole milk, Grade B., cwt	3.00
Corn silage, ton	12.00
Sorghum silage, ton	11.00
Grass silage, ton	
No preservative added	8.00
Preserved with 70-100 lb. molasses	11.00
Preserved with 150-200 lb. ground corn.	13.00
Clover and mixed hay)	25.00
Cowpea hay) Add \$5 per ton	20.00
Soybean hay) for baled hay	20.00
Alfalfa) and straw	25.00
Timothy hay	20.00
Corn stover, ton	11.00
Oat straw	18.00

^{1/} Prepared by W. W. Albert, Dept. of Animal Science, University of Illinois
Urbana, Illinois

VOCATIONAL AGRICULTURE SERVICE

University of Illinois · College of Agriculture

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May 1962

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University of Illinois
in Cooperation with
Illinois State Board of Vocational Education



I A V A T NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

State FFA Convention in Chicago.

The Conrad Hilton Hotel will be the site for this year's State FFA Convention, to be held in Chicago June 6-8. The convention will start on Wednesday afternoon June 6 and end by 4 p. m. Friday, June 8.

The Officers of the Illinois FFA Association were faced with a difficult problem in choosing a location for the convention this year, but after considering all of the facts and possibilities, they came up with Chicago as the site. I feel that their decision was the most practical one that could have been made for a convention site for this year. I admire this group of boys for their mature judgment.

Don't Forget, Dues are Due at June Conference!

Sectional Chairmen should collect dues at the regular sectional meetings of the June Conference. The American Vocational Association and the Illinois Vocational Association changed their fiscal years to run from July 1, 1962 to June 30, 1963. Your IAVAT Executive Committee decided to change our fiscal year to correspond with both the IVA and AVA fiscal year to avoid confusion in records of the associations with which we are associated.

Introducing Your IAVAT Executive Committee - Jesse H. Keyser, President

Jesse was born in 1923 in Wayne County, Illinois, on the farm where his parents still live. He attended grade school and the three years of High School then offered at Mt. Erie, Illinois. He completed his fourth year of high school at Olney, Illinois.

His undergraduate college training was all completed at the University of Illinois. This training was interrupted for 3-1/2 years during World War II when he served as a Navy Pilot, flying P. B. M. s' in Squadron VPB-32 doing "Black Cat" work.

Jesse married the former Norma Jane Corbin of Olney in 1945. They have two children: Jesse H. Jr., a sixth grader and Julia Jane, one year old.

He taught farm veterans in the Institutional on-the-farm training program at Fairfield, Illinois for four years. He then returned to the University of Illinois to complete his undergraduate work in 1953. He received his Masters degree from the University of Illinois in 1958.

He has taught Vocational Agriculture 9-1/2 years at Lawrenceville High School. The Lawrenceville High School has served as a training center for Vocational Agriculture Teachers for the past five years with Jesse serving as Cooperating Teacher. At Lawrenceville, Jesse has had 18 State Farmers, two American Farmers, two State Awards winners, two FFA Sectional Vice-Presidents, a State FFA President and three Gold Emblem Chapter ratings.

Jesse is a member of the A. F. & A. M. Jeffersonville Lodge No. 460 and a 32nd. degree Mason in the Scottish Rite Bodies of East St. Louis, Illinois. He enjoys sports of all kinds but his favorite is fishing, which consumes most of his leisure time.

I
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T

VO-AG SERVICE

Announcements & Notes

Agricultural Releases for 1962-63. The last mailing of Agricultural Releases for 1962-63 (May) has now been made. In that mailing was included a form for those wishing to order 1962-63 Agricultural Releases. Some have had the idea that orders for Agricultural Releases are continued from year to year unless cancelled. That is not the case. Orders are on an annual basis and must be placed each year if you wish to continue receiving the Releases.

A copy of the same form is included with each copy of this issue of the AIDS. Please note that the deadline for 1962-63 subscriptions is October 1, 1962. Orders are being accepted now, but please do not fill out and send in more than one order form unless you wish to receive more than one set of Agricultural Release mailings each month.

Bulletins and Circulars from the College of Agriculture. Bulletin 682 entitled "1961 Performance of Commercial Corn Hybrids in Illinois" and Circulars 842, 844, and 847 have been received since the last issue of the AIDS. Titles of the Circulars are "Farm Property and Trusts", "Hydroponics as a Hobby", and "A Dozen Weeds in Your Lawn", respectively. Copies of each of the four publications have been sent to Agricultural Release subscribers with the May mailings. Copies are available through following the regular procedures. Out-of-state readers desiring quantities can obtain them at 10 cents per copy.

MH

Agronomy Society Meetings--Corn Section. We are indebted to the Agronomy Department for the opportunity to make this preliminary announcement regarding the Agronomy Society Meetings to be held June 27, 28 and 29. Professor A. L. Lang tells us that all research work of the Agronomy Department, both in the field and laboratory, will be on display for members and visitors. More complete information and details regarding the program can be given at the time of the June Conference. Any one who is interested in having additional information before Conference time can write to the Agronomy Department for such information and for a complete copy of the program. Those probably will be available by May 15.

MII

State Fair Announcements. R. O. Lyon, Secretary of the Jr. Division of the Illinois State Fair, has given us the following information:

"This week I learned that poultry exhibits at the State Fair will be in a new location. To make best use of facilities, the Fair management has decided that rabbits and pigeons will be exhibited during the first half of the Fair and chickens the last half in the same pens. Therefore, junior poultry exhibits will be accepted Thursday morning, August 16, and will be released at 1 p. m. Sunday, August 19.

"Since young people exhibiting poultry do not stay at the Fair to care for their exhibits, this change may cause no particular problem. Parents may be willing to drive back on Sunday to pick up the poultry as readily as they have driven back on Friday in past years. Because of limited space, the education exhibits in the poultry division will be discontinued.

"Another late development in the Junior Department at the State Fair concerns the pony show. Since housing for light horses is crowded, we plan to hold a one-day pony show on Friday, August 17. Housing will not be provided, and exhibitors will be expected to bring their animals to the Fair Friday morning and take them home the same day.

"Unregistered halter classes will be provided for ponies less than 44 inches high and for those between 44 and 50 inches, as well as for saddle horses over 50 inches. In each division there will be a class for mare and 1962 foal, yearling mare or gelding, and mare or gelding two years old or older. Riding classes will be provided as part of the Friday afternoon horse show in the Coliseum. The two riding classes will be for exhibitors 12 to 14 years of age and those 15 to 20 years of age.

"Because of lack of a suitable place to conduct these riding classes and the limited time allotted to us in the Coliseum, there will be only the two classes. Exhibitors may use western or English equipment as they choose, and the classes will be judged as pleasure classes on the basis of ability of the exhibitor to handle his mount. Ponies or horses may be used in equitation classes according to the need or size of the exhibitor. Mounts in the equitation classes will be judged only for cleanliness, proper fitting, and suitability to the size and ability of the rider.

"Details on these classes will be included in the State Fair catalog, but I thought some of you might like to know about them before the catalog comes out. As part of preparation for the State Fair, I would like to repeat the requirement that animals must be registered in the member's name and that members must live at home during the time the project is in progress. Please do not sign any entry cards in livestock classes (except ewe lambs, barrows, and gilts) for junior exhibitors who have been away from home at college, working, or for other reasons "

MH/ROL

One-Day Course on Farm Surveying. This is a repeat of the announcement made in the April AIDS that a one-day course on surveying will be given at Urbana on Monday, June 11 - the day preceding the opening of the June Conference.

This course is to provide the training necessary to qualify teachers to use the Vo-Ag Service loan kits of surveying equipment which will be placed in the even-numbered sections during the school year 1962-63. It is being arranged specifically for those who for some reason were not able to attend the course given in their own section.

As a result of the first announcement, 16 teachers have enrolled to date so the course will definitely be held. If you have not done so and wish to enroll, please fill out the registration blank on the tear sheet of this issue of the AIDS and return it to Vocational Agriculture Service before May 15. At that time we shall send specific information regarding starting time, etc., to all who have enrolled.

We repeat that this course can still be given on a sectional basis if six or more teachers request it and agree on a suitable time and place. The course on June 11 is for individuals in sections where there is not sufficient demand for a course to be given locally or for those who prefer to attend here.

JWM

Slides and Slidefilm on Identification and Control of Poison Ivy. Some months ago, we announced that February 1 was to be the deadline date for teachers placing orders for either the set of slides or slidefilm on Poison Ivy. That was the information previously given to us. About the middle of April we checked on the status of the orders that had been placed and we were told that prints and slides should be ready for delivery to our office by sometime before May 1. At that time we indicated that if the material could not be delivered to us by that date, we suggested that orders be cancelled since teachers would have little or no opportunity to use the material before the end of the school year. Of course, I assume that after the master has been made, we can take orders for delivery in the fall in case they are cancelled this spring. Consequently, if by May 1 you do not receive the slides or the slidefilm that you have ordered on Poison Ivy, please consider that we have temporarily cancelled the orders.

MH

Sheep Sale at Urbana Friday June 15. Thanks to the thoughtfulness of Professor U. S. Garrigus, we are able to give you the following information which was taken from a letter from Mr. Garrigus received in our office on April 4.

"This year the nineteenth annual summer purebred ram and ewe sale of the Illinois Purebred Sheep Breeders' Association will be held on Friday, June 15. This is nearly a month earlier than it has been held in the past. The purpose has been to take it out of the county fair season and put it on the same general timing as other purebred sheep sales.

"The sale will continue to be an all-Illinois and all-breed sale. Such a sale provides an excellent opportunity to observe individuals of different breeds and offerings of different breeders under one roof. Attendance can be an educational experience if one assumes that objective. Your vocational agriculture teacher can supply you with more information about the sale."

USG/MH

Meat Judging and Grading. Copies of this 28 page publication were included with the May Agricultural Releases. Additional copies are available from Vocational Agriculture Service at 15 cents per copy, f.o.b. Urbana.

The booklet includes sections on Beef Judging and Grading, Pork Judging, Lamb Judging and Carcass Grading, and Retail Meat Identification. The cuts described in the latter section are those listed in the national contest rules.

This item is listed on the tear sheet for the convenience of those who wish to order copies.

WHW/MH

Food and Agriculture. A pamphlet with this title is being included with the May Agricultural Releases. The material was prepared for educational leaders, study groups, program chairmen, and others who desire information on the importance of agriculture to the United States economy and the economic changes taking place. At the time of the June Conference we anticipate that information will be given on a filmstrip prepared by the Extension Editor's Office to accompany the material. Single copies of the pamphlet are available to teachers not receiving a copy in Agricultural Releases.

JHH/MH

FFA Scholarship. We have recently received an announcement from M. D. Mobley, Executive Secretary of the AVA regarding an FFA scholarship offered by the national organization of Alpha Gamma Rho. This is a \$200 scholarship and the information we have is to the effect that "Selection shall be on the basis of candidate's F. F. A. record, scholarship, achievement and demonstrated need." We were sent one copy of the official entry form and presumably we could duplicate copies for the benefit of teachers wishing to have a copy. Perhaps we should call your attention to the fact that all entries will have to be in the AVA office by not later than July 1.

MH

Peace Corps. During the past few months the College of Agriculture has received notices of opportunities for agriculturally trained personnel for service with the Peace Corps. A descriptive folder is included with this issue of the AIDS to all vocational agriculture teachers in Illinois. If you know of anyone in your community who is interested in service with the Peace Corps, we suggest you have them contact our office, 104 Mumford Hall, or write directly to Mr. Jim Gibson, Chief, Division of Agricultural Liaison, Office of Public Affairs, Peace Corps, Washington 25, D. C.

WKW/MH

NEW BOOKS

The following have been added to our library since the last issue of the AIDS. All of our books are available for review in our office by those interested. As long as the editions are current, they will be included in such exhibits as the one at the Annual June Conference for vocational agriculture teachers.

Teachers who are interested in securing copies for their own use should write direct to the publisher.

THE MEAT WE EAT. P. Thomas Ziegler. 1962. \$5.50. Interstate Printers & Publishers, Inc., 19-27 North Jackson Street, Danville, Illinois.

The following was taken from the information sheet that accompanied the publication:

"Few men know the field of meats as well as Prof. P. Thomas Ziegler, who for 38 years was in charge of the slaughtering and meat courses at Pennsylvania State University. Prof. Ziegler is a real meat man, the kind who got into his overalls to give first-hand instruction to his students in slaughtering, skinning, scalding, and cutting up carcasses; he has made a life-long study of the best ways to prepare meats, and in this book shares with you the knowledge that he has gained. THE MEAT WE EAT is written in a conversational style that makes for ready comprehension as well as adding interest to the subject, but it is a practical and down-to-earth guide for the farmer, student or housewife. . . THE MEAT WE EAT covers both the practical and the scientific phases of the nation's third largest industry. . . Everyone who is interested in the conversion of livestock into meat will find this book invaluable. Whether you are a housewife or a professional chef, a farmer or a meat dealer, a teacher or student of meats courses, or just an ordinary individual who would like to know more about the meat we eat, this book has the information you want."

Some of the chapter headings are: Preparations for Slaughtering, Hog Slaughter, Cattle Slaughter, Lamb Slaughter, Veal and Calf Slaughter, Dressing Poultry and Game, Cutting Pork and Rendering Lard, Sausages, The Beef Carcass and Its Cuts, The Veal Carcass and Its Cuts, The Sheep Carcass, Preparing and Serving Meats, Meat Judging and Meat Identification.



AGRICULTURAL EDUCATION NEWS

DIVISION OF AGRICULTURAL EDUCATION / COLLEGE OF EDUCATION / UNIVERSITY OF ILLINOIS

Hamlin's Condition. Dr. Hamlin is convalescing at home and is making very satisfactory progress. He expects to return to work at the end of the present semester fully recovered.

LJP

Placement Situation. The 1962-63 placement season is in "full-swing". It appears that there will be a normal number of teachers of vocational agriculture changing teaching positions during the summer. At present 12 inexperienced teachers and 58 experienced teachers are registered for assistance in locating a position for the 1962-63 school year. Most of the experienced teachers registered are currently teaching vocational agriculture in Illinois. If you desire placement assistance, write the Placement Office, 200 Gregory Hall, Urbana, for the forms needed to activate your credentials. During the past month, four schools have employed new teachers of vocational agriculture for 1962-63.

LJP

Progress Report on Ed. 477 Plans. The locations of teachers indicating plans for enrolling in the field studies course for experienced teachers are as follows, grouped according to a preliminary summary of responses:

Thursday Meeting

Abingdon
Annawan
Dunlap
Geneseo
Granville
Hennepin
Henry
Joy
Knowville
Monmouth

Wednesday Meeting

Galena
Milledgeville
Paw Paw
Port Byron
Prophetstown
Rock Falls
Thomson

The groupings are tentative, of course, and individual teachers may decide to change groups after the attendance centers are selected. Attendance centers will be decided by the time of the June Conference.

Teachers who have not yet responded regarding their enrollment in Ed. 477 are urged to do so in order that the locations of their schools can be considered in deciding on the centers for the meetings of the two sections of the course.

Additional enrollments might also change the selection of the meeting night. The meetings have to be on consecutive nights, but Tuesday could be scheduled instead of Thursday. The nights indicated are the best I could do with the responses received thus far.

AHK

Mail to: A. H. Krebs, 103 Gregory Hall, University of Illinois, Urbana, Illinois.

1. Plans for enrolling in Ed. 477: _____

2. Preferred night for meeting (rank 1, 2, 3, 4 in order of preference)

_____ Monday _____ Tuesday _____ Wednesday _____ Thursday

Signed _____

School _____

Conference, New Dimensions in Agricultural Education. Teachers, supervisors and teacher educators from all parts of the United States have informed us that they plan to attend our conference of national significance on June 19, 20, 20, and 22. Do you realize that eight speakers and consultants from outside Illinois will be present during this four day period? They are:

Dr. Raymond M. Clark, Professor of Agricultural Education,
Michigan State University

Dr. John K. Coster, Professor of Agricultural Education,
Purdue University

Mr. Harold F. Duis, Program Specialist, Agricultural
Education, U. S. Office of Education

Dr. Walter Jacoby, Director, Youth Education, American
Institute of Cooperation

Dr. Gerald B. James, State Director, Vocational Education,
North Carolina

Dr. William F. Kaunaugh, Acting President, Agricultural and
Technical Institute, Delhi, New York

Mr. Ralph L. Palan, Adult Agriculture Instructor, Public
Schools, Faribault, Minnesota

Dr. Orville E. Thompson, Assistant Professor, Agricultural
Education, University of California (Davis)

You cannot afford to miss this conference.

LJP

AIDS, May 1962

Four-Week Summer School. By staying three weeks following the Conference, New Dimensions in Agricultural Education, you may earn one unit of graduate credit in our special summer school session for workers in agricultural education. Highlights of the 1962 summer program will be the following credit workshops:

1. Agricultural Education in Area Schools.
2. Agricultural Education in Junior and Senior High Schools.
3. Research Design in Agricultural Education.

Plan now to attend the 1962 summer program in agricultural education at the University of Illinois.

LJP

Graduate Assistantships. The Agricultural Education Division, University of Illinois, has two half-time graduate assistantships that remain unfilled for the 1962-63 school year. If you are interested in a graduate assistantship, contact Lloyd J. Phipps, 103 Gregory Hall, Urbana, for application forms and details.

LJP

High School Seniors Interested in Teaching Agriculture. Teachers of vocational agriculture in Illinois are continuing to respond to our request for names of young men who may be interested in teaching agriculture. If you have not surveyed your students regarding the opportunities in teaching, we would appreciate your scheduling this activity soon. If you have interested students, fill out the following form and mail it to us.

LJP

Write the name (or names) and addresses of senior students you would recommend as prospective teachers of vocational agriculture and send the information to the Division of Agricultural Education, 103 Gregory Hall, University of Illinois, Urbana, Illinois.

Names of Seniors

Addresses

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Signed _____
Vo-Ag Teacher

School _____

A
G
R.
E
D.

TO: Vocational Agriculture Service
434 Mumford Hall
Urbana, Illinois

Please send the following:

_____ Meat Judging and Grading @ .15 per copy, f. o. b. Urbana

_____ I wish to enroll in the one-day course on Farm Surveying to be held at Urbana on Monday, June 11, to qualify me to use the loan kit of surveying equipment.

Teacher

School

INDEX TO ITEMS IN VO-AG SECTION

	Page No.
Agricultural Releases for 1962-63	1
Agronomy Society Meetings --Corn Section.	1
Bulletins and Circulars from the College of Agriculture	1
FFA Scholarship	4
Feed Prices.	Inside back cover
Meat Judging and Grading	4
One-Day Course on Farm Surveying	3
Peace Corps	4
State Fair Announcements	2
Sheep Sale at Urbana on June 15	3
Slides and Slidefilm on Identification and Control of Poison Ivy	3

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PRICE LIST OF FEEDS^{1/}

April 23, 1962

The feed prices for many of the feedstuffs used in vocational agriculture projects are listed below. This list is meant to be used as the basis of values for all boys obtaining their feed at home. All feed actually purchased should, of course, be recorded at prices paid.

Kind of feed	Cost per bu., cwt., or tons in dollars
Corn, shelled, bu	1.03
Corn, ground shelled, bu	1.13
Corn, ground ear, bu	1.13
Oats, bu . . . . .	.62
Oats, ground, bu . . . . .	.72
Barley, (feed) bu	1.13
Barley, ground or rolled, bu	1.23
Sorghum, grain cwt	1.92
Sorghum, grain, cracked, cwt	2.02
Garbage and kitchen waste, ton.	8.50
Skim and buttermilk, cwt	1.50
Whole milk, Grade B., cwt	3.00
Corn silage, ton	12.00
Sorghum silage, ton	11.00
Grass silage, ton	
No preservative added	8.00
Preserved with 70-100 lb. molasses.	11.00
Preserved with 150-200 lb. ground corn	13.00
Clover and mixed hay)	25.00
Cowpea hay) Add \$5 per ton	20.00
Soybean hay) for baled hay.	20.00
Alfalfa) and straw.	25.00
Timothy hay	20.00
Corn stover, ton	11.00
Oat straw	18.00

^{1/} Prepared by W. W. Albert, Dept. of Animal Science, University of Illinois
Urbana, Illinois

VOCATIONAL AGRICULTURE SERVICE

University of Illinois · College of Agriculture

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