

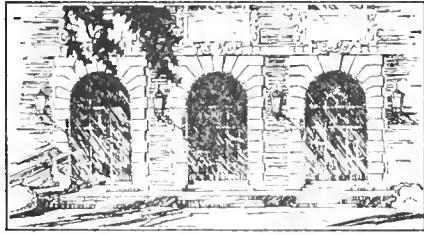
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# VOCATIONAL - AGRICULTURE

# AIDS

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AUG 25 1968  
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Volume 27, Number 1  
August 1968

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Urbana, Illinois 61801

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**Agricultural Education Divisions**  
**University of Illinois**  
**Southern Illinois University**  
**Illinois State University**  
**Illinois Association of Vocational Agriculture Teachers**  
**State Board of Vocational Education and Rehabilitation**



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# VO-AG SERVICE

## Announcements & Notes

Telephone - Area 217 - 333-3870

Welcome to New Teachers. VO-AG AIDS will be sent to you each month and we hope that it will be of service to you. In addition to the Vo-Ag Service section, you will find sections prepared by the teacher education divisions and your IAVAT president. Special features are a page of important dates prepared by the State Office, information for FFA reporters, and a page of feed prices for use in keeping farm records.

We will announce new materials as they become available in the AIDS. In most issues, you will find a tear sheet in the back that can be used to order the new items announced that month, or other items of seasonal importance.

JWM

Agricultural Releases, Advance Orders for Slidefilms and Units. To date (July 22) we have received orders for Agricultural Releases, etc., from 310 Illinois schools. Please keep in mind the October 1 deadline for these advance orders. If you need an order blank, please let us know.

JWM

Changes in Our Addressograph Plates. We have attempted to bring our addressograph plates up to date according to information we have received about teacher changes. Please check the name and address on your copy of this issue of the AIDS and notify us if there are errors.

JWM

AIDS to FFA Reporters. Enclosed with this month's AIDS are two booklets for your FFA chapter reporter (the 'Reporter's Handbook' and the 'Chapter Reporter's Public Information Guide'). These are two new booklets to help you and your reporter provide effective public information. Encourage him to read the booklets carefully, refer to them during the year and keep them in your reporter's file for next year's reporter.

RWP/JWM

Surveying Kit Program. A surveying kit will be placed in each of the even-numbered sections, and in Sections 1 and 5 this year. Eligible teachers may schedule these kits at their fall section meetings.

Two surveying kits will be scheduled "at large" to teachers in odd-numbered sections other than 1 and 5. The tripods and target rods for these kits have been placed in canvas bags, rather than the long wooden boxes, so they can be hauled in the trunk of most cars.

If you would like to schedule one of the "at large" kits, please mark and send in the tear sheet form found in this issue of the AIDS. Kits will be scheduled on a first-come, first-served basis and your reservation will be confirmed.

RFE

Dairy Holders' Contest. Four winners were named in the 1968 Dairy Holders' Contest. They were:

Chris Keim, Chadwick	-	First
Kent Turley, Greenville	-	Second
Mike McCullough, Harvard	-	Third
Al Wilkening, Harvard	-	Fourth

WHW



Judging Contest Scores and Ribbons. The scores and ribbons for the 1968 State Judging Contests were mailed out May 10. If you participated in the contests and did not receive your score or ribbons, please let us know. The superior teams and individuals are reported in this issue of the AIDS.

WHW

Judging Contest Winners to National. Five Illinois teams will compete in the National Contests at Kansas City this fall. They are:

Livestock	-	Chatsworth
Dairy	-	Greenville
Poultry	-	Shelbyville
Meat	-	Shelbyville
Milk Products	-	Shelbyville

There is no national contest in crops. Shelbyville was the state winner.

Congratulations to all the winners. Here's hoping you luck and success in the national contests.

WHW

New Catalog and Order Forms Available. A new catalog of teaching materials available from Vocational Agriculture Service was prepared just before the June Conference. If you did not pick one up there and wish to have one sent to you, please mark the tear sheet order form in the back of this issue of the AIDS. We will include a set of order forms with the catalog. Catalogs will also be distributed at the even-numbered section meetings by the member of our staff who attends.

JWM

Special Calendar of Events. A special printing of the 1968-69 Calendar of Events has been made for Illinois teachers with important events of statewide interest marked in red. These are being distributed at the fall section meetings by the Vo-Ag Service representative in even-numbered sections and by the state supervisor in the others. If you do not get a calendar at your sectional meeting, let us know and we will send one to you. The regular Calendar of Events is available to others as in the past. It is priced at 20¢.

JWM

State Planning Packets. These packets were on exhibit at the June Conference, and orders were taken at that time. However, some of you may still wish to order. About 20 individual items will be included, along with a source unit on teaching the material. These items should be especially well adapted for use in adult classes but may also have some use with high school seniors. The price per packet is \$2.50, less 20 percent discount to Illinois schools. The items are included on the tear sheet for convenience in ordering. The materials will be assembled and sent for use this fall.

JHH

Use of Credit Visuals. A copy of these materials was included with the January Agr. Releases. The materials consist of 6 sheets to help illustrate the use of the Farm and Family Financial Budget Form. Three of the sheets are blank copies of the form suitable for making overlays. They might be filled in either before the overlays are made or while projecting the material. The other 3 sheets contain a filled-in example which corresponds to the one in the pamphlet, "Mechanics of Farm Budgeting." The example is also the same as the results for the completed Farm and Family Financial Planning Problem, which is in our catalog, and can thus serve as a key for that problem. This group of visuals is priced at 15 cents, less 20 percent discount to Illinois schools, and is included on the tear sheet for your convenience in ordering.

JHH

IAS Unit 2018, Legal Problems of the Farmer. We wish to call to your attention the fact that this publication is no longer fully up-to-date with respect to some newer laws that have been enacted. However, we have not yet been able to get the material revised and feel that it still has some use in teaching. We suggest that you supplement it with current circulars on agr. law topics.

JHH



Income Tax Management for Farmers (North-Central Reg. Pub. No. 2). We secured copies of this item (Revised, 1967) some time ago and still have about 300 on hand. You can obtain them for class use on a first-come, first-served basis. The former blue-colored publication with the same title (1967 edition) is out of date, and the present white copy replaces that one. If you want this item, you may list it on the tear sheet, along with the copies needed for the coming school year. JHH

Land-Use Selection Cards. We are approaching the season of the year when most of the sectional land-use selection contests are held. Land-use cards are available in bundles of 25 cards (five boys on a team, five holes) at 30 cents per package. They are included for your convenience on a tear sheet in this issue of the AIDS. RLC

Lawn Care and Management Subject-Matter Packets. This packet contains a teacher's guide and reference material that could be used by students enrolled in an ornamental horticulture program. Packets were on display at the June Conference. Price is \$1.80 per packet. They will be prepared and sent out for use this fall. It is included on the tear sheet for those who may wish to order. RLC

Basic Text for Lawn Care and Management Packets. A composite order is being made for a Sunset Booklet entitled Lawns and Ground Covers. This basic text could be used by students enrolled in an ornamental horticulture program. Supplementary references are available in the subject-matter packets listed above. Orders will be accumulated and sent out for use this fall. Price is \$1.75 per booklet. Please return the tear sheet if you are interested. RLC

Samples of Soil Amendments. Twelve samples of potting mixtures for bedding plants and soil conditioners were on display during the June Conference. Text material describing the use of these samples accompanies each order. This item is available at \$3.00 per set as long as the supply lasts. Use the tear sheet for ordering. RLC

The Cow's Udder and How It Functions - 208A. This slidefilm is a colored reproduction of an earlier black and white slidefilm by the same title. Since it was only slightly revised it is not being sent on advanced order. It is listed on the tear sheet for general sale at \$3.00 for those who may wish to order. RLC

Manufacturers of Outdoor Power Equipment. Teachers of agricultural occupations who work with small engines, lawnmower and garden equipment, etc., may have use for a list of manufacturers of this equipment.

The Outdoor Power Equipment Institute has provided this list of their membership. These names and addresses may be helpful when ordering parts, catalogs, manuals, etc.

AIRCAP MANUFACTURERS, INC., Tupelo, Mississippi 38802  
ALLIS-CHALMERS MFG. CO., Box 512, Milwaukee, Wisconsin 53201  
AMF WESTERN TOOL, INC., 3811 McDonald Avenue Avenue, Des Moines, Iowa 50302  
ARIENS COMPANY, 655 West Ryan Street, Brillion, Wisconsin 54110  
ATLAS TOOL & MFG. CO., 5147 Natural Bridge Rd., St. Louis, Missouri 63115  
BLACK & DECKER MFG. CO., Towson, Maryland 21204  
\*BRIGGS & STRATTON CORP., 2711 N. 13th Street, Milwaukee, Wisconsin 53201  
BUNTON COMPANY, 4303 Poplar Level Road, Louisville, Kentucky 40213  
J. I. CASE CO., 700 State Street, Racine, Wisconsin 53404  
COOPER MFG. CO., 411 South First Avenue, Marshalltown, Iowa 50158  
G. W. DAVIS CORP., 40 Exchange Place, New York, New York 10005

\* = Engine Mfg.



DEERE & COMPANY, John Deere Road, Moline, Illinois 61265  
 ESKA COMPANY, 100 West Second Street, Dubuque, Iowa 52001  
 FMC, BOLENS DIVISION, 215 S. Park Street, Port Washington, Wisconsin 53074  
 FORD TRACTOR DIV., FORD MOTOR CO., 2500 East Maple Rd., Birmingham, Mich., 48012  
 GALE PRODUCTS DIVISION, OMC, PO Box 470, Galesburg, Illinois 61401  
 GILSON BORTHERS CO., PO Box 152, Plymouth, Wisconsin 53073  
 GOODALL MFG. CORP., 1205 E. Sanborn Street, Winona, Minnesota 55987  
 GRAVELY TRACTOR DIVISION, STUDEBAKER CORP., Gravelly Lane, Dunbar, West Va. 25064  
 GULF MANUFACTURING CORP., PO Box 3727, Panama City, Florida 32401  
 HABAN MFG. CO., 1101 Mound Avenue, Racine, Wisconsin 53404  
 HAHN, INC., 1625 N. Garvin Street, Evansville, Indiana 47717  
 HANNIBAL MOWER CORP., PO Box 508, Hannibal, Missouri 63402  
 HOMELITE, DIV. OF TEXTRON, INC., 9810 E. Riverdale Ave., Port Chester, N.Y. 10573  
 HUFFMAN MFG. CO., PO Box 1036, Dayton, Ohio 45401  
 INTERNATIONAL HARVESTER CO., 401 N. Michigan Avenue, Chicago, Illinois 60601  
 JACOBSEN MFG. CO., 1721 Packard Avenue, Racine, Wisconsin 53403  
 JARI PRODUCTS, INC., 2938 Pillsbury Avenue, Minneapolis, Minnesota 55408  
 K & S MANUFACTURING CO., PO Box 421, Fort Worth, Texas 76101  
 \*KOHLER COMPANY, Kohler, Wisconsin 53044  
 KUT-KWICK CORPORATION, 1927 Newcastle Street, Brunswick, Georgia 31521  
 LAMBERT, INC., 519 Hunter Avenue, Dayton, Ohio 45404  
 \*LAUSON-POWER PRODUCTS DIV., TECUMSEH PRODUCTS CO., New Holstein, Wisc. 53061  
 LAZY BOY LAWN MOWER CO., INC., 1315 W. 8th Street, Kansas City, Missouri 640101  
 MAGNA AMERICAN CORP., PO Box 90, Raymond, Mississippi 39154  
 MASSEY-FERGUSON, INC., 1901 Bell Avenue, Des Moines, Iowa 50315  
 MCDONOUGH POWER EQUIPMENT, INC., McDonough, Georgia 30253  
 MINNEAPOLIS-MOLINE, INC., 130-9th Avenue, South, Hopkins, Minnesota 55343  
 MTD PRODUCTS, INC., 5389 W. 130th Street, Cleveland, Ohio 44111  
 MURRAY OHIO MANUFACTURING CO., 635 Thompson Lane, Nashville, Tennessee 37204  
 PENNSYLVANIA LAWN PRODUCTS, INC., 1010 E. Main St., Waynesboro, Virginia 22980  
 POWER EQUIPMENT, INC., PO Box 427, Cicero, Indiana 46034  
 ROOF MANUFACTURING CO., 1228 N. Walnut Street, Pontiac, Illinois 61764  
 GEORGE D. ROPER CORP., NEWARK DIV., 550 Wehrle Avenue, Newark, Ohio 43055  
 GEORGE D. ROPER CORP., BRADLEY DIV., Bradley, Illinois 60915  
 ROTO HOE & SPRAYER CO., Newbury, Ohio 44065  
 E. T. RUGG COMPANY, 1 Sisal Street, Newark, Ohio 43055  
 SENSATION MFG. CO., 7577 Burlington Street, Ralston, Nebraska 68051  
 SIMPLICITY MFG. CO., 336 S. Spring Street, Port Washington, Wisconsin 54074  
 SOUTHLAND MOWER CO., INC., Old Montgomery Highway, Selma, Alabama 36701  
 SUNBEAM CORPORATION, 5400 W. Roosevelt Rjoad, Chicago, Illinois 60650  
 SUNSHINE MOWER CO., 6219-15th Street, East, Bradenton, Florida 33505  
 TORO MFG. CORP., 8111 Lyndale Avenue South, Minneapolis, Minnesota 55420  
 WHEEL HORSE PRODUCTS, INC., 515 W. Ireland Road, South Bend, Indiana 46614  
 BOB WILEY COMPANY, PO Box 157, Stevensville, Michigan 49127  
 WISCONSIN MARINE CO., Box 28, Lake Mills, Wisconsin 53554  
 \*WISCONSIN MOTOR CORP., 1910 S. 53rd Street, Milwaukee, Wisconsin 53246  
 YARD-MAN INCORPORATED, 1410 W. Ganson Street, Jackson, Michigan 49202  
 YAZOO MANUFACTURING CO., INC., PO Box 4207, Jackson, Mississippi 30216  
 WHIZ-MOW MFG. CO., 305-15 Main Street, Warsaw, Illinois 62379

\* = Engine Mfg.





RESULTS OF STATE VO-AG JUDGING CONTESTS - 1968

LIVESTOCK

<u>Superior Teams</u>		<u>Superior Individuals</u>	
Chatsworth	1181	Ed. Hubly, Chatsworth	420
Heyworth	1157	David Nolan, Pontiac	415
Farmer City	1154	Melvin Musgrave, Griggsville	412
Ellsworth-Downs	1144	George Bruns, Pleasant Plains	411
Bushnell-Prairie City	1143	Mark Scholl, Ellsworth-Downs	410
Pleasant Plains	1132	Daryl Becker, Shannon	409
Sycamore	1129	(Neil Thornton, Heyworth	407
Jacksonville	1118	(Gaylord Olson, Bushnell-Prairie City	407
Streator	1112	Duane Dassow, Chatsworth	405
Pontiac	1111	(Jim Setterstrum, Orangeville	402
		(Dave Bane, Ellsworth-Downs	402

DAIRY

<u>Superior Teams</u>		<u>Superior Individuals</u>	
Greenville	1062	Tom Schamback, Burlington	377
Shannon	1040	Larry Lingle, Dongola	372
Milledgeville	1037	Don McHaughlin, Sherrard	371
Cissna Park	1037	Jerry Roeschley, Flanagan	367
Morrison	1029	(Bruce Clanton, Greenville	366
St. Charles	1014	(Jim Meyer, Manteno	366
Burlington	1013	Randy Clapp, Kempton	363
Flanagan	1008	(Roy Syfert, Shelbyville	362
Harvard	1005	(Mark Ward, Prophetstown	362
Crescent City	1000	Fred Metheny, Tuscola	361

POULTRY

<u>Superior Teams</u>		<u>Superior Individuals</u>	
Shelbyville	1116	David Compton, Shelbyville	374
Findlay	1099	(Jan Biehler, Shelbyville	372
Sterling	1095	(Craig Buhrow, Sterling	372
Blue Mound	1082	Buster Eversole, Shelbyville	370
Assumption	1064	(Brad Cable, Herrick	368
		(Leslie Alberts, Blue Mound	368
		(Brent Fogleman, Findlay	367
		(Richard Hunter, Moweaqua	367
		John Carroll, Findlay	365

CROPS

<u>Superior Teams</u>		<u>Superior Individuals</u>	
Shelbyville	1129	Steve Weakly, Shelbyville	392
Assumption	1117	Bill Shanks, Assumption	388
Maroa	1116	Robert Horn, Stillman Valley	384
Trenton	1115	Roger Massey, Maroa	381
Bismarck	1105	(Bill Stewart, Yorkville	380
Erie	1099	(Dale Edgecombe, Maroa	380
Hillsboro	1099	(Linden Lawver, Dakota	379
Dakota	1097	(Ed. Hillard, Alexis	379
Sterling	1092	(Jerry Witt, Orangeville	378
Fairview	1092	(Mike Coyne, Sherrard	378
		(Paul Halverson, Seneca	378
		(David Ranz, Trenton	378
		(Maurice Moorleghen, Trenton	378



EXTRAMURAL COURSES IN AGRICULTURE - Fall Semester 1968-69

Courses Definitely Scheduled

**BELLEVILLE**

Hort. E221, Plant Propagation - D. C. Saupe, 3 semester hours undergraduate  
Belleville Twp. High School, 2600 W. Main St.  
Voc. Agriculture Room  
First Meeting - Monday, Sept. 16, 6:30 p.m.

**BLOOMINGTON**

Agron. E303, Soil Fertility - W. M. Walker, 1/2 unit graduate, or 3 hours  
undergraduate  
Illinois State University, Rm. 114, Schroeder Hall  
First Meeting - Tuesday, Sept. 17, 7:00 p.m.

**MOUNT STERLING**

Agr. Econ. E325, Advanced Farm Management - J. H. Herbst, 3/4 to 1 unit graduate, or 3 hours  
undergraduate  
Farm Bureau Building, 109 West North Street  
Board Room  
First Meeting - Thursday, Sept. 19, 7:00 p.m.

**NAPERVILLE**

Hort. E225, Ornamental Gardening - W. R. Nelson, 3 semester hours, undergraduate  
Naperville High School, 440 W. Aurora Avenue  
Room 49  
First Meeting - Tuesday, Sept. 17, 6:30 p.m.

**SPRINGFIELD**

Hort. E251, Arboriculture - J. B. Gartner, 3 semester hours undergraduate  
Franklin Junior H.S., 1200 Outer Park Drive  
Room 124  
First Meeting - Thursday, Sept. 19, 6:30 p.m.

Plant Path. E306, Epiphytology & Diagnosis of Plant Diseases - M. P. Britton, 3/4 unit graduate or 3 hours  
undergraduate  
Franklin Junior H.S., 1200 Outer Park Drive, Room 126  
First Meeting - Thursday, Sept. 19, 6:30 p.m.

**URBANA**

Agr. Econ. E302, Financing Agriculture - J. M. Holcomb, 3/4 or 1 unit graduate, or 3 hours  
undergraduate  
University of Illinois - Room N-107 Turner Hall  
First Meeting - Thursday, Sept. 19, 6:30 p.m.

Probable

**FREEPORT**

Agr. Econ. E325, Advanced Farm Management - A. G. Mueller

Courses in Process of Being Scheduled

Agron. E326, Weeds and Their Control - D. A. Miller  
Agr. Mech. E331, Farm Machinery Technology - B. J. Butler  
Agr. Econ. E332, Livestock Marketing - E. E. Broadbent

Additional information will be included in September AIDS.

JWM

AIDS, August 1968



Set Date for College Guest Day, September 28, 1968. The enrollment and Student Relations Committee has scheduled the Annual University of Illinois College of Agriculture and Home Economics Guest Day program on Saturday, September 28, 1968. The program will start at 9:00 a.m. in the University Auditorium.

Students will have an opportunity to learn about careers in agriculture, admissions procedures, scholarships, housing, and to get answers to other questions about the University of Illinois.

Visitors will also have an opportunity to attend the Fighting Illini and University of Missouri football game at 1:30. Tickets are \$1.00 for students and accompanying adults and may be purchased at time of registration.

Reserve Saturday, September 28, on your calendar now, and plan to bring a busload of students to the campus on that day.

You will be receiving additional information as the date approaches.

WKW/JWM

#### 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.

SMALL ENGINES, CARE, OPERATION, MAINTENANCE AND REPAIR, VOLUME I.  
1968. \$5.30

SMALL ENGINES, CARE, OPERATION, MAINTENANCE AND REPAIR, VOLUME II.  
1968. \$7.75. American Association for Agricultural Engineering and Vocational Agriculture, Agricultural Engineering Center, Athens, Georgia 30601.

"The purpose of this book is to help you gain a practical working knowledge of small engines. For convenience, it is bound in two separate volumes. If you are primarily concerned with understanding how to service and operate an engine, you will be more interested in the information given in Volume I. . . . You will learn why certain accessories, such as carburetor air cleaners, crankcase breathers, and storage batteries, require frequent servicing; and how to service them. Procedures are given for other routine service jobs such as lubricating and refueling. . . .

"Volume II is for those who wish to expand their knowledge beyond servicing and operating an engine into major maintenance and repair. It explains the operating principles of different units such as starters, ignition systems, valves, and lubricating systems. It also explains how to tell when such units are not working properly and how to repair them."



LABORATORY STUDIES IN FIELD CROP SCIENCE. A. W. Burger. 1967. \$5.00. Stipes Publishing Company, Champaign, Illinois 61820.

"This manual contains exercises for use in supplement to a general course in crop science for beginning Agronomy students. The exercises are specifically set up for 14 two-hour periods...

"The general theme of the laboratory studies in the manual is a knowledge of the (a) normal plant (from seed to seedling to maturity) and (b) the hazards of the normal plant. This is done by (a) considering agronomic plants in the taxonomic scheme, (b) studying the meaning of scientific terminology... (c) acquaintance with the macroscopic identification of the seeds of crop plants and weeds, (d) studying the nature of high quality seed..., (e) studying the germination process..., (f) acquaintance with seed anatomy..., (g) examining seedlings of various grasses and legumes..., (h) a consideration of the complexity of the grass family..., (i) examining typical legume and grass flowers and fruits..., (j) reviewing the modern classification of the plant kingdom..., (k) ..., (l) observing the nature of herbicides..., and (m) becoming familiar with a number of crop diseases and insects..."

EDUCATORS GUIDE TO FREE FILMS, 28th Edition. 1968. \$10.75. Educators Progress Service, Randolph, Wisconsin 53956.

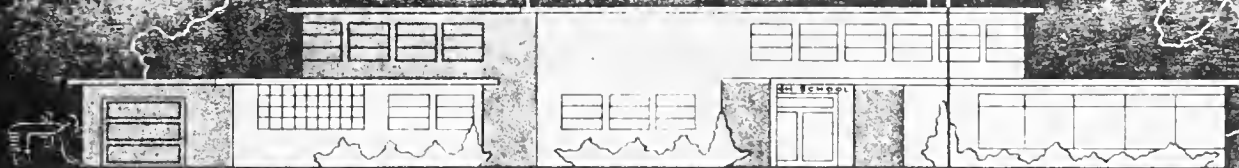
"The twenty-eighth annual edition of EDUCATORS GUIDE TO FREE FILMS is a professional, cyclopedic service, on these visual and audiovisual educational media...

"This edition replaces all volumes and supplements that have preceded it. It is the only complete, up-to-date, annotated schedule of FREE films.

"This edition lists 4,943 titles of films, 1,178 of which were not listed in the previous edition. All new titles are starred(\*). Films cleared for TV are indicated."







# AGRICULTURAL EDUCATION NEWS

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

Votec 474 to be Offered in District II. Votec 474, Supervised Agricultural Experience Programs, will be offered in District II during the 1968-69 school year. The course will be offered at DeKalb High School during the fall semester, and at Reddick High School during the spring semester. The first class session will be on September 18 at DeKalb and February 5 at Reddick. Classes will start at 6:30 p.m. and end at 9:30 p.m. Enrollment will be handled at the first meeting of the course.

PEH

Votec 476 Offered on Campus. Teachers within driving distance of the campus should be aware that Votec 476, Guidance in Agricultural Education, will be offered on Fridays, 4:30 - 6:30 p.m., the first semester of 1968-69. Teachers who wish to enroll in this course may do so on Saturday, September 14, from 8:00 a.m. to 12:00 noon. Degree candidates who were not enrolled in a course this summer or last spring should apply for readmission immediately.

PEH

Student Teacher Summer Experience Program. Student teachers enrolled in Votec 275, Summer Experience in Agricultural Education will spend three weeks in their cooperating schools during August and early September. Cooperating schools, cooperating teachers, and the student teachers assigned to these schools are as follows:

<u>School</u>	<u>Teacher</u>	<u>Student Teacher</u>
<u>Beason</u>	Dorr Simer	Stephen Johnson Ron Smith
Belvidere	Loren Mills	Bill Wills
Champaign	Lowell Hillen	Charles Unger
Clinton	Don Prather	David Monti
Harvard	Don Barrett	Dennis Wilson
Herscher	Eldon Chapman	Larry Miller
Paxton	Robert Rohlfing	Tom Weber
Roanoke	Eldon Witt	Ken Hodel
Rochelle	Glenn Curl	John Rowe
St. Joseph	Kermit Esarey	Steve Phipps
		Dan Schneider
		Don Moffitt
		Jim Phelps
		Harold Vaughn
		Don Kramer
		Ron Olson

Mr. Kenneth Knell, Division of Agricultural Education, will supervise student teachers during their summer experience program.

PEH



Pilot Project Report. An interim report describing pilot programs in landscape and grounds maintenance conducted in 1967-68 is now available from the Agricultural Education Division. Mailing of this publication has been made to a selected list of approximately 50 teachers who were thought to be interested in conducting courses in ornamental horticulture. If you did not receive a copy of this report and wish to have a copy you may request one from the Division of Agricultural Education.

PEH

Extramural Course for New and Returning High School Teachers. E370, Agricultural Occupational Education for first year teachers is being offered again this year. First year teachers, teachers who are returning from other occupations and teachers employed in Illinois for the first time are eligible to enroll. Enrollment will be open until September 14, 1968. Teachers wishing to enroll in the course may attend the makeup summer workshop to be held at the University of Illinois on Saturday, September 14, in room 33 of the Education Building.

An E370 regional workshop will be held at three different locations on two different Saturdays in January. Teachers assigned to small groups in the northern area of Illinois will meet on Saturday, January 18, the southern area on Saturday, January 18; the central area on Saturday, January 25.

Additional information about the course can be obtained by contacting Dr. Robert W. Walker, 357 Education Building, University of Illinois, Urbana 61801.

RWW

Leads Agricultural Education Department in Vermont. Dr. Gerald R. Fuller will assume duties as chairman of the Agricultural Education Department at the University of Vermont beginning September 1, 1968. His new address will be Agricultural Education Department, University of Vermont, Morrill Hall, Burlington, Vermont 05401.

GEF

Directed, Structured Experiences in Agricultural Firms Other Than Farming. During the 1968 summer school, seventeen Illinois teachers completed a program in which they gained directed, structured experiences in agricultural firms and translated their experiences into workable teaching methods and procedures. The following list contains the names of the teachers and the agricultural firms in which they gained their experiences:

<u>Teacher</u>	<u>Agricultural Firm</u>
Lanny Anderson	White Heath Grain Co.
Black Hawk (East) College - Kewanee	White Heath
Frank Barbre	Champaign County F.S.,
Ambraw Valley Area Vocational Center, Lawrenceville	Champaign
James Becker	Mattoon International Harvester Co.
Lake Land College - Mattoon	Mattoon
Eldon Chapman - Herscher	Bob Shaver, Inc., Champaign
Jerry Crump - Raymond	U.S.I. Farm Chemicals - Danville
Gerold Davis - Williamsville	Champaign PCA, Champaign
John Hillison - Mt. Carmel	Allerton Supply Co., Allerton
Larry Hippen - Oquawka	Crop - Co., Champaign
Thomas Lindahl	U.S.I. Farm Chemicals
Highland College - Freeport	Danville
William D. Masters	Champaign County FS
Carl Sandburg College - Galesburg	Champaign
Robert Milligan - Litchfield	Schultz Nursery, Danville
Art Phillips - Eureka	Funk Bros. Seed Co., Bloomington



13. N. F. Pohlman - Quincy
14. Bill Rich  
Lake Land College - Mattoon
15. Carroll Turner  
Rend Lake College - Mt. Vernon
16. Luther Wells - Mt. Zion
17. Donald Whitten  
Spoon River College - Canton

Federal North Iowa Grain Co.  
Bondville  
King Bros., Inc.  
Arcola  
Allerton Implement Co.  
Allerton  
Schultz and Howell Implement Co.  
Arthur  
Massey Ferguson Inc., Farm Center  
Urbana

GRF



(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	
_____ no chg.	_____	_____	VAS Catalog & Order Forms
_____ .30	_____	_____	Package of 25 Land-Use Cards
_____ 3.00	_____	_____	Slidefilm 208A "The Cow's Udder and How It Functions (color)
_____ .15	_____	_____	Set of Visuals on Use of Credit
_____ 3.00	_____	_____	Samples of Soil Amendments (Set of 12)

\*\*\*\*\*

Name \_\_\_\_\_ School \_\_\_\_\_

Address \_\_\_\_\_

Billing \_\_\_\_\_

(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

COMPOSITE ORDER

Please enter my order for the following (to be prepared and sent out for use this fall):

<u>Number</u>	<u>Price</u>	<u>Amount</u>	
_____ \$2.50	_____	_____	Estate Planning Packet
_____ \$1.80	_____	_____	Lawn Care and Management Subject-Matter Packet
_____ \$1.75	_____	_____	Basic Text: Lawns and Ground Covers

Name \_\_\_\_\_ School \_\_\_\_\_

Address \_\_\_\_\_

Billing \_\_\_\_\_





(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please reserve the 'at large' surveying kit as indicated below (1st, 2nd, 3rd, choice of dates):

<u>Choice</u>	<u>Pick up date</u>	<u>Return date</u>
_____	Aug. 26	Sept. 14
_____	Sept. 14	Sept. 28
_____	Sept. 28	Oct. 12
_____	Oct. 12	Oct. 26
_____	Oct. 26	Nov. 9
_____	Nov. 9	Nov. 30
_____	Nov. 30	Dec. 21
_____	Jan. 4	Feb. 8
_____	Feb. 8	Mar. 8
_____	Mar. 8	Mar. 29
_____	Mar. 29	Apr. 19
_____	Apr. 19	May 3
_____	May 3	May 17
_____	May 17	End of school year

Remarks:

Signed \_\_\_\_\_

Address \_\_\_\_\_

Vocational Agriculture Service will confirm your reservation or notify you if it is not available on the dates chosen as soon as we receive it.



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## PRICE LIST OF FEEDS<sup>1/</sup>

Prices for some of the feeds used in supervised experience programs are listed below for students obtaining their feed at home. Purchased feeds can be recorded at prices paid.

<u>Kind of feed</u>	<u>July 12</u>	<u>June 18</u>	<u>May 14</u>
Corn, shelled, bu.	\$ 1.03	\$ 1.02	\$ 1.04
Corn, ground shelled or ear corn, bu.	1.13	1.12	1.14
Oats, bu.	.60	.62	.68
Oats, ground, bu.	.70	.72	.78
Barley, (feed) bu.	.85	.85	.86
Barley, ground or rolled, bu.	.95	.95	.96
Grain sorghum, cwt.	1.80	1.80	1.80
Grain sorghum, cracked, cwt.	1.90	1.90	1.90
Whole milk, mfg. grade, cwt.	3.90	3.90	3.95
Corn silage, ton	9.00	9.00	9.00
Sorghum silage, ton	8.00	8.00	8.00
Haylage, ton	13.00	13.00	13.50 <sup>2/</sup>
Clover and mixed hay) All hay and straw prices	19.00	19.00	20.50
Alfalfa ) are for baled. Figure	21.50	21.50	23.00
Oat or wheat straw ) loose at \$5 less per ton	15.00	15.00	16.00

<sup>1/</sup> Prepared in cooperation with the Department of Agricultural Economics.

<sup>2/</sup> Or convert to dry hay equivalent containing 90 percent dry matter.

<u>Pasture Rates</u>	<u>Cost per day</u>
*Calves and colts:	
6-11 months	\$.06
12-24 months	.09
over 24 months	.12
Lambs to weaning	.01
Sheep - yearlings	
and mature	.025
Pigs, 50 to 100 lbs.	.005

\*Reduce by 2/3 for full-fed cattle

\*Reduce by 1/3 for limited fed cattle

**EDUCATIONAL AGRICULTURE SERVICE**

University of Illinois · College of Agriculture

**MUMFORD HALL · URBANA, ILLINOIS 61801**

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# VOCATIONAL - AGRICULTURE

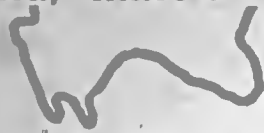
# AIDS

OFFICE OF THE  
DIRECTOR  
STATE OF ILL. 3

Volume 27, Number 2

September 1968

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Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801



Issued jointly by  
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State Board of Vocational Education and Rehabilitation



State of Illinois  
BOARD OF VOCATIONAL EDUCATION AND REHABILITATION  
Vocational and Technical Education Division  
405 Centennial Bldg.,  
Springfield 62706

September 1968

Vocational Agriculture Dates and Activities to Remember

- September 9 Northern Illinois FFA Reporters' Workshop. DeKalb County Farm Bureau Building, Auditorium, 315 N. 6th St., DeKalb
- September 10 Northwestern Illinois FFA Reporters' Workshop. Knox County Farm Bureau Building, Auditorium, 95 N. Seminar, Galesburg
- September 11 Southwestern Illinois FFA Reporters' Workshop. Holiday Inn, Rts. 36 and 54 (West of Jacksonville)
- September 16 Southern Illinois FFA REporters' Workshop. Benton Community Bldg., 226 N. Main Street, Benton
- September 23 Southeastern Illinois FFA Reporters' Workshop. American Legion Hall, 200 W. Washington St., Effingham
- September 25 Northeastern Illinois FFA Reporters' Workshop. Central Soya Co., Conference Room, Rt. 47, Gibson City
- October 1 Annual Information Report to State Office, Springfield
- October 15 Central Region FFA Public Speaking Contest, Kansas City (Richard Crone, Harvard)
- October 15 FFA Dues, Membership List to Sectional Vice-President (Dues \$1 each -- 50¢ State + 50¢ National)
- October 16 National FFA Dairy Products Judging Contest, Kansas City (Shelbyville)
- October 16 National FFA Meats Judging Contest, Kansas City (Shelbyville)
- October 16 National FFA Poultry Judging Contest, Kansas City (Shelbyville)
- October 16-18 National FFA Convention, Kansas City
- October 17 National FFA Dairy Cattle Judging Contest, Kansas City (Greenville)
- October 17 National FFA Livestock Judging Contest, Kansas City (Chatsworth)
- October 31 Chapter Program of Work to Sectional Vice-President
- December 31 Complete Records of Students' Supervised Experience Programs
- February 15 Annual Supervised Agriculture Experience Program Summary Report to State Office, Springfield
- February 15-22 National FFA Week
- March 3 Sectional FFA Foundation Awards Winners Reported to State Ofc., Springfield
- March 6-8 Illinois Vocational Association Meeting, Peoria
- March 26 District FFA Foundation Awards
- March 29 State Vocational Agriculture Meat and Milk Judging Contest, Urbana
- April 2 District FFA Public Speaking Contests

AIDS, September 1968



# VO-AG SERVICE

## Announcements & Notes

Telephone - Area 217 - 333-3870

Remember Agriculture Student Guest Day. Saturday, September 28, 1968 is the University of Illinois College of Agriculture and Home Economics Guest Day. The program begins at 9:00 a.m. at the University Auditorium. A program, poster, and other information about parking, etc., will be sent directly to Illinois schools right after Labor Day. Reserve September 28 on your calendar and plan to bring a group to the campus for Guest Day. Visitors may also attend the Illinois-Missouri football game in the afternoon at a special rate of \$1.00 per ticket.

JWM

Special Event. Don't forget "Agronomy Day" at Urbana on September 12, 1968. Tours will start on the Agronomy South Farm at 8:00 a.m. The Morrow Plots will be dedicated as a National Historical Landmark during the afternoon.

RLC

Deadline for Advance Orders October 1. The deadline for Agricultural Release subscriptions and other advance orders is fast approaching. There are still about 50 Illinois schools that usually subscribe that have not been heard from. If you need the order form, please let us know. No subscriptions can be accepted after October 1.

JWM

North-Central Weed Control Conference Essay Contest. An announcement and rules for this contest were received from Dr. Marshall McGlamery, Extension Weed Specialist. Rules are essentially as follows: Any boy or girl between ages 12 and 18 whose family is actively engaged in managing and operating a farm is eligible to participate. Title of the essay shall be "How We Control Weeds on Our Farm." It must be typewritten or written in ink, on one side of the paper only. The writer's name, address, and age should be on the reverse side of the first page. Essays will be judged 75% on subject material and 25% on method of presentation. The state winner will receive an award of \$25; winner of the several states participating will receive a \$300 scholarship. Entries should be sent to Dr. McGlamery, University of Illinois, 215 Davenport Hall, Urbana, Illinois 61801, not later than October 31, 1968.

RLC

Beef and Swine Grading Course. A beef and swine grading course will be held at the U. of I. Beef Cattle Barns on September 21 from 9:00 a.m. to 12:00 noon. The animals used will be similar to those used in the grading rings of the state judging contest.

A letter (with a card to return) is being sent to teachers in Sections 16, 17, and 18. Other teachers are also welcome, but should notify us in advance that they wish to participate. If you have any questions, please feel free to contact us.

WHW

Grade-O-Mat Materials. On recommendation of our advisory board of teachers, we are now stocking Grade-O-Mat materials, for use in administering multiple-choice tests. These consist of punch-out question cards, a special stylus, a foam plastic pad, and grading sheets. The cards will accommodate up to 90 questions with as many as five multiple-choice answers per question. After a year of trial by the advisory board, the system was explained to odd-numbered sections last year and is being shown at even-numbered section meetings this year. The prices of these materials are as follows:

Punch-out cards	-	\$1.50 per 100
Stylus	-	\$ .12 each
Foam pads	-	\$ .12 each
Grading sheets	-	\$ .10 per pack of 10

They are listed on a tear sheet order form in the back of this issue of the AIDS for your convenience in ordering.

JWM



Mechanics of Farm Budgeting. This publication has been released as Circular 985 and replaces the publication of the same name listed on page 8 of our 1968-69 catalog. Illinois schools can now obtain this publication like any other circular by writing to our office.

JHH

FFA Roadside Signs. Funds were allocated by the Illinois Foundation FFA for 60 sets of FFA roadside signs to be provided during the school year 1968-69. This is to include both new and replacement sets. The following chapters have applied and have all forms back complete. They are assured of signs this fall.

New Sets

Ashland	Newman
Ashley	Palestine
Cambridge	Paxton
Chadwick	Pontiac
Cissna Park	Robinson
Clay City	Sandoval
Colfax	Shabbona
DeLand-Weldon	Taylor Ridge
Hampshire	Teutopolis
Hartsburg-Emden	Toledo
Harvard	Virginia
Louisville	West Frankfort
Malden	Windsor

Replacement Sets

Ashland	Potomac
Astoria	Saybrook
Catlin	Seneca
Glenwood	Shannon
Hamilton	Stonington
Kansas	Tolono
Mackinaw	Tuscola
Martinsville	Virginia
Milledgeville	

The following chapters have applied, have been sent forms for choosing the slogan, but have not returned them:

New Sets

Dixon	Hutsonville
Dongola (2)	Metropolis
Enfield	Reddick
Golconda	Sandwich

Replacement Sets

Alexis

A total of 53 sets have been applied for. Forms are complete for 43. This means we can take applications for an additional 7 to 17 sets to make the allotment of 60. If interested, fill out and return the tear sheet form in the back of this issue of the AIDS. First come, first served.

JWM

At Large Surveying Kits. After the announcement in the August AIDS, the two "at large" surveying kits have been scheduled as follows:

<u>Kit A</u>	<u>Kit B</u>	<u>Pick Up Date</u>	<u>Return Date</u>
Litchfield	Mahomet	August 26	September 14
Assumption	St. Joseph	September 14	September 28
Lexington	Earlville	September 28	October 12
Bethany	Metropolis	October 12	October 26
Staunton	Fairbury	October 26	November 9
Cullom	Girard	March 29	April 19
Griggsville	Odell*	April 19	May 9
Jerseyville	Forrest	May 3	May 17
Bushnell	Ottawa	May 17	end of year

\*Tentative

This was the situation on August 21. If you are in one of the odd-numbered sections (other than Sections 1 and 5), and wish to schedule one of these kits for the open dates remaining, please fill out and return the tear sheet in the back of this issue of the AIDS.

JWM



Help May Be Available. Wild bird or animal problem?

A cattle feeder is being pestered by hordes of starlings feeding with the cattle, roosting in sheds and contaminating feed.

A farmer is plagued by pocket gophers making mounds in his alfalfa field. He may have woodchucks eating young soybeans.

An urban community is being bothered by a flock of starlings. These are problems that occur frequently throughout Illinois. What can be done about them? Fortunately, help may be available.

The United States Department of the Interior's Bureau of Sport Fisheries and Wildlife may provide just the information needed in such situations. The Bureau's Division of Wildlife Services maintains an office in Springfield. Wildlife Services' main job is to provide information and technical advice on animals and birds that may be creating nuisance situations.

The Division does not do service type work. Its main function is one of disseminating biological information and education on the control of various species of animals, and explaining the legal and public relations aspects involved.

Mr. Robert Kelly is the federal biologist in charge of the Springfield office. This office has responsibility throughout the State of Illinois, as well as Missouri, Iowa and Indiana. Vocational agriculture teachers or others desiring information of this nature, may write the U. S. Fish & Wildlife Service, 528 South Fifth Street, Springfield, Illinois 62701. Or they may call any day during the week, 24 hours a day at (217) 525-4308.

RPK/JWM

Teachers Absent from Fall Meeting. Schedules for the various VAS loan kits are made up at the Fall Section meeting. Our representative helps with this at the even-numbered sectional meetings and we send schedule forms to the chairmen of the odd-numbered sections. If you were absent from your sectional meeting and wish to schedule any of the kits, you should write to Vocational Agriculture Service. This is particularly true of the engine analysis kit. We will then let you know about openings on the schedule and work with you individually to reserve the kits in which you are interested.

JWM





EXTRAMURAL COURSES IN AGRICULTURE - Fall Semester 1968-69

Courses Definitely Scheduled

BELLEVILLE

Hort. E221, Plant Propagation - D. C. Saupe, 3 semester hours undergraduate  
Belleville Twp. High School, 2600 W. Main St.  
Voc. Agriculture Room  
First Meeting - Monday, Sept. 16, 6:30 p.m.

BLOOMINGTON

Agron. E303, Soil Fertility - W. M. Walker, 1/2 unit graduate, or 3 hours undergraduate  
Illinois State University, Rm. 114, Schroeder Hall  
First Meeting - Tuesday, Sept. 17, 7:00 p.m.

FREEPORT

Agr. Econ. E325, Advanced Farm Management - A. G. Mueller, 3/4 to 1 unit graduate, or 3 hours undergraduate  
Highland Community College, 511 West Stephenson St.  
First Meeting - Wednesday, Sept. 18, 6:30 p.m.

MOUNT STERLING

Agr. Econ. E325, Advanced Farm Management - J. H. Herbst, 3/4 to 1 unit graduate, or 3 hours undergraduate  
Farm Bureau Building, 109 West North Street  
Board Room  
First Meeting - Thursday, Sept. 19, 7:00 p.m.

NAPERVILLE

Hort. E225, Ornamental Gardening - W. R. Nelson, 3 semester hours, undergraduate  
Naperville High School, 440 W. Aurora Avenue, Room 49  
First Meeting - Tuesday, Sept. 17, 6:30 p.m.

SPRINGFIELD

Hort. E251, Arboriculture - J. B. Gartner, 3 semester hours undergraduate  
Franklin Junior H.S., 1200 Outer Park Drive, Room 124  
First Meeting - Thursday, Sept. 19, 6:30 p.m.

Plant Path. E306, Epiphytology & Diagnosis of Plant Diseases - M. P. Britton, 3/4 unit graduate or 3 hours undergraduate  
Franklin Junior H.S., 1200 Outer Park Drive, Room 126  
First Meeting - Thursday, Sept. 19, 6:30 p.m.

URBANA

Agr. Econ. E302, Financing Agriculture - D. G. Smith, 3/4 or 1 unit graduate, or 3 hours undergraduate  
University of Illinois - Room N-107 Turner Hall  
First Meeting - Thursday, Sept. 19, 6:30 p.m.

Courses Tentatively Scheduled (Specific Information will be sent to teachers in the areas by direct mail)

MACOMB

Agron. E326, Weeds and Their Control - D. A. Miller, 1/2 unit graduate or 3 semester hours undergraduate  
Place to be determined  
First meeting, Tuesday, Sept. 17, 7 p.m.

MATTOON

Agr. Mech. E331, Farm Machinery Technology - B. J. Butler, 3/4 unit graduate or 3 hrs. undergraduate  
Lake Land College, Agr. Bldg., Rte. 316. First meeting, Saturday, Sept. 21, 9 a.m. Will meet on alternate Saturdays or as decided by class.



## 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.

EDUCATORS GUIDE TO FREE FILMSTRIPS. 1968. \$7.00. Educators Progress Service, Randolph, Wisconsin 53956

"The twentieth annual edition of EDUCATORS GUIDE TO FREE FILMSTRIPS is a professional cyclopedic service on filmstrips and slides. . . This service is devoted entirely to free filmstrips and free slides. It is the only complete, annotated schedule of all these newer educational media published. . . This edition lists 438 titles, including 79 sets of slides and 1 transparency. . . Of the 438 titles, 110 were not listed in the 19th edition. All new titles are starred. 25 of the filmstrips, 21 of which are colored, listed in this Guide may be retained permanently by the borrower to start his filmstrip library, or to add to his present library."

ELEMENTARY TEACHERS GUIDE TO FREE CURRICULUM MATERIALS. 1968. \$8.75. Educators Progress Service, Randolph, Wisconsin 53956

"This volume replaces all preceding editions. Limiting the content of the GUIDE to about 1,600 titles, and using about 50% of the available acceptable listings, together combine to make the materials listed in this edition most highly selective. This edition lists 1,640 items, of which 825 are new. All new titles are starred... The GUIDE is more than a useful tool to schools. It is a valuable stimulus to the acquisition of curriculum laboratory-library materials, timely as well as up-to-date. Moreover, it offers a challenge to all educators to keep the curriculum in close contact with contemporary life."

EDUCATORS GUIDE TO FREE TAPES, SCRIPTS, TRANSCRIPTIONS. 1968. \$6.75. Educators Progress Service, Randolph, Wisconsin 53956

"The Fifteenth edition is completely new and is devoted exclusively to selected free tapes, free scripts, and free transcriptions. . . This edition lists, classifies, and provides complete information on sources, availability, and contents of 180 free tapes, 103 free scripts and 109 free transcriptions, a total of 392 valuable materials. Of these, 223 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 single source."





## AGRICULTURAL EDUCATION NEWS

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

Votec E474 Schedule. Votec E474, Supervised Agricultural Experience Programs, will be taught the first semester of 1968-69 at DeKalb High School. The first class meeting will be held September 18, 6:30-9:30 p.m. The class schedule will include eleven class sessions on Wednesday nights with no meeting scheduled during the week of the National FFA Convention. Plans are being made to offer the course at Reddick during the spring semester, 1968. Teachers may enroll at the first meeting of the course. Dr. Hemp will teach the course.

PEH

Votec 476 Offered on Campus. Teachers within driving distance of the Urbana campus may wish to enroll in Votec 476, Guidance in Agricultural Education. The course is scheduled to meet at 4:30 p.m. to 6:30 p.m. on Fridays with the first meeting scheduled for September 20. This is not an extramural course so teachers who plan to enroll must register at the designated time on September 12-14 as outlined in the fall Time Table. Dr. Hemp will teach the course.

PEH

Central Regional Research Conference. Professors Phipps, Hemp, Walker, and Knell attended the Central Regional Research Conference at the University of Kentucky, July 30-August 1. Also attending the last two days of the conference were graduate assistants Ed Vernon, Douglas Patterson, and Al Mannebach.

PEH

Procedure for Gaining Admission to Extramural Courses. The correct procedure for gaining admission to extramural courses is outlined below. This procedure does not apply to Votec E370, Votec E477, or Votec E474 since we are able to accommodate all teachers who wish to enroll in these courses.

1. Fill out and submit, as directed, the preenrollment request form printed on the inside back cover of the bulletin, Extramural Credit Courses. If you do not have a copy of this bulletin, you may obtain one by writing to the Division of University Extension, University of Illinois, Urbana, Illinois 61801.
2. If the course is not among published requirements, or if you do not have prior approval of your adviser, such approval should be secured before you take the course if you wish it to count toward your degree.
3. Appear at the first scheduled meeting of the course where registration will be handled.

PEH

Agriculture and Home Economics Guest Day. Mark September 28 on your calendar as Agriculture Guest Day at the University of Illinois. Information concerning the program has been sent to all teachers of agricultural occupations. The Agricultural Education Division wishes to extend a special invitation to high school students who are interested in preparing for educational work in the field of agriculture. Members of the Agricultural Education Division staff will be available to answer questions and to talk to students who are interested in agricultural education.

PEH



New Staff Members Appointed. Dr. Hollie Thomas and Dr. David Williams joined the staff of the Division of Agricultural Education on September 1, 1968. Dr. Thomas is a native of Kansas and received his B.S. and M.S. from Kansas State University. He taught agriculture at Lacygne, Kansas, and Altamont, Kansas, from 1962-1966, before moving to Lafayette, Indiana where he studied for the doctorate at Purdue University. Dr. Thomas is married and has three children. Dr. Williams taught agriculture in Kansas for seven and one-half years after receiving his B.S. degree from Oklahoma State University in 1959. He received the M.S. degree from Kansas State University in 1965, and the Doctor of Education degree from Oklahoma State University in 1968. Dr. Williams is married and has one child.

PEH



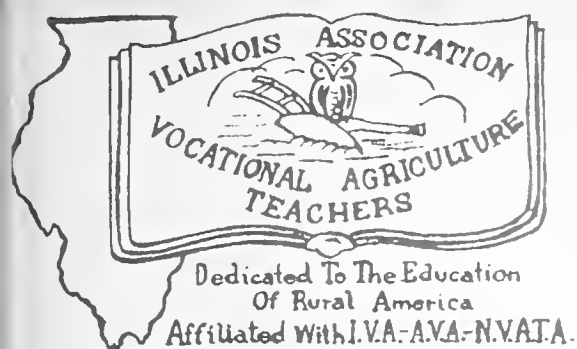


(continued)

Naperville	William Hills	Ackerman, Robert
Normal	Larry Lowe	McCellan, Daniel
Oregon	Warren E. Schmidt	Sprout, Maurice
Peotone	Gordon Sarb	Myelle, Dennis
Polo	Keith McGuire	Herrman, Larry
Pontiac	Daren Cox	Lewis, Lowell
Seneca	Sherwood Jackson	Cunningham, Doug
Sycamore	James Guilinger	Knepp, Robert
Wapella	Charles L. Schettler	Benson, Kent
Washington	Frank Young	Zimmerman, Raymond
Yorkville	David Manning	Jeckel, Robert
		Stevens, Lynn
		Brown, Roger
		Britt, Robert
		Van Hoveln, Timothy
		Irwin, William
		Howard, Robert
		Baker, Harold
		Hefner, Stephen
		Pickrell, Joseph
		Conner, John R.
		Bridger, John

KEJ





# I A V A T NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

I have been reading the State Newsletter for years and have given very little thought about its origin. Now it is my responsibility to write one each month. It is my intention to try and give you some responsible news each month. All suggestions will be appreciated.

The July issue of the NEWS AND VIEWS OF NVATA carried some thought-provoking statements that I wish to quote:

1. The Agricultural Education Branch of the U. S. Office of Education was eliminated by administrative action in 1965 and the staff was reduced from 10 to 2.
2. In 1966, titles and duties of Regional Representatives for Agricultural Education were changed to "Program Officers, VTE" and responsibilities were divided among other programs.
3. In November 1967, a congressman accused the FFA of being a Covert Organization and wasting Federal money.
4. In June 1968 - the occupational areas, including Agricultural Education were virtually eliminated by administrative action. The title of Head (Chief) of Agricultural Education was changed to the lowest professional title in Government, namely, "Program Officer."
5. Our former "Chief" - Neville Hunsicker - now has the title - "Program Officer, Work Experience Education and Vocational Agriculture" with not more than half of his time to be devoted to Vocational Agriculture and the FFA. The position of National FFA Executive Secretary has also been reduced to one-half time FFA. To make matters worse, the National FFA Advisor and the FFA Executive Secretary have been placed in different branches and are responsible to different Directors.
6. In June, 1968, officials of the USOE appointed a "secret committee" (committee membership has not been revealed) to study the relationships of Vocational Youth Groups to the USOE and make recommendations.

It is disturbing to realize that a relatively few people in administrative positions have the authority to make rulings and take actions that appear to tear apart one of the most popular and most effective educational programs of the last 50 years. It behooves each teacher of agriculture occupations to remain a professional and supply the leadership so sorely needed on all levels--local, state and national. The legislative structure provided by Past President Schettler under the leadership of Burdette Graham during the 1968 Conference will be of utmost importance. I urge all of you to cooperate with your section legislative chairman when the need arises. I will try to keep you informed of developments. Please keep your powder dry and be ready to fire when called upon.

\*\*\*\*\*

Being a professional organization in today's changing legislature is an expensive venture. Our IAVAT has been operating in the red about \$500 for the past few years--a situation that cannot be allowed to continue. To keep the IAVAT properly represented and abreast of latest "happenings" I am requesting that all members of the Executive Committee attend Regional and National Conferences. Our representation at these meetings can be very important to our Association and to you as an individual.



Our budget for the coming years must include some new items:

1. Funds for new structure allowed in Legislative Committee
2. Funds for LAVAT banquet
3. Funds for LAVAT program during IVA Convention
4. Our expenses have risen along with 'cost of living'
5. Some talk has been given to providing an executive secretary for our association

Our dues in Illinois are the lowest in the Nation, yet our salaries rank among the top. I think it is time we gave some serious thought to our dues and considered an increase. In our own Region IV we are from \$5.00 to \$19.00 lower. Exact figures will be given in another news-letter.

During our last Executive Committee meeting, a motion was properly presented to increase our dues to \$25.00 -- all of the increase to remain in State Association funds to provide the necessary representation to the membership. This proposition will be discussed by your section chairman during your section meetings. The motion will be voted on during the 1969 June Conference business session. Please consider this motion carefully.

\*\*\*\*\*

I need help with news items. I want to take this opportunity to urge all Public Relations Chairmen to send in news you might have at any time. Just to provide some organization I wish to ask news items from sections in the following districts:

District 1 and 4	November
District 2 and 5	December
District 3 and 4	January
District 1 and 2	February
District 3 and 5	March
District 1 and 4	April
District 2, 3, and 5	May

I must have these news items by the 10th of the month prior to their publication, which means for the November AIDS they should be mailed to me by the 10th of October.

\*\*\*\*\*

#### Meet Lowell Hillen, District IV Director

Lowell was born and reared on a farm near Meppen, in Calhoun County, Illinois and graduated from Brussels Community High School. His high school vo-ag teacher was Wm. Fortschneider now of Jacksonville. He completed a two-year tour of duty as a First Lieutenant in the Army guided missile division as Platoon Leader, Battery Commander and Battalion Personnel Officer. He has a B.S., M.E.D. degree from the University of Illinois where he was a member of Alpha Tau Alpha and Ag. Ed. Club. He is presently working on a Doctor of Education degree. Lowell has taught one year prior to service at Teutopolis High School, four years at Colchester and has taught the past four years at Champaign Central.

Lowell is married to the former Myrlin Toppmeyer of Brussels, Illinois. They have two children, David Lowell, age 10, and Melinda Louise, age 5. He is a member of the St. Matthew's Catholic Church and ushers the 8 A.M. Mass.

In their spare time, the Hillens enjoy camping, hiking, hunting and reading.

\*\*\*\*\*

Eldon E. Witt, President



(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please reserve an "at large" surveying kit as indicated below (1st, 2nd, 3rd choice of dates):

<u>Choice</u>	<u>Pick Up Date</u>	<u>Return Date</u>
_____	Nov. 9	Nov. 30
_____	Nov. 30	Dec. 21
_____	Jan. 4	Feb. 8
_____	Feb. 8	Mar. 8
_____	Mar. 8	Mar. 29
_____	Mar. 29	Apr. 19

Remarks:

Signed \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Vocational Agriculture Service will confirm your reservation or notify you if it is not available on the dates chosen as soon as we receive it.





(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	
	\$1.50		Grade-O-Mat Materials:
_____	per 100	_____	Punch-out cards
_____	\$ .12	_____	Stylus
	ea.		
_____	\$ .12	_____	Foam pads
	ea.		
_____	\$ .10	_____	Grading sheets (pack of 10)

\*\*\*\*\*

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Name \_\_\_\_\_ School \_\_\_\_\_

Address \_\_\_\_\_

Billing \_\_\_\_\_

(tear sheet)

I wish to apply for a set of FFA roadside signs:

This would be a \_\_\_\_\_

New set

Replacement set

Name \_\_\_\_\_ School \_\_\_\_\_

Address \_\_\_\_\_

Return to: Vocational Agriculture Service, 434 Mumford Hall, Urbana, Illinois 61801



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Remember Agriculture Student Guest Day . . . . .	1
Special Event - Agronomy Day . . . . .	1
Teachers Absent from Fall Meeting . . . . .	3



## PRICE LIST OF FEEDS<sup>1/</sup>

Prices for some of the feeds used in supervised experience programs are listed below for students obtaining their feed at home. Purchased feeds can be recorded at prices paid.

Kind of feed	August 12
Corn, shelled, bu. . . . .	\$ .95
Corn, ground shelled or ear corn, bu. . . . .	1.05
Oats, bu. . . . .	.57
Oats, ground, bu. . . . .	.67
Barley, (feed) bu. . . . .	.82
Barley, ground or rolled, bu. . . . .	.92
Grain sorghum, cwt. . . . .	1.75
Grain sorghum, cracked, cwt. . . . .	1.85
Whole milk, mfg. grade, cwt. . . . .	3.90
Corn silage, ton . . . . .	9.00
Sorghum silage, ton . . . . .	8.00 <sup>2/</sup>
Haylage, ton . . . . .	13.00 <sup>2/</sup>
Clover and mixed hay) All hay and straw prices . . . . .	19.00
Alfalfa ) are for baled. Figure . . . . .	22.00
Oat or wheat straw ) loose at \$5 less per ton . . . . .	15.00

<sup>1/</sup> Prepared in cooperation with the Department of Agricultural Economics.

<sup>2/</sup> Or convert to dry hay equivalent containing 90 percent dry matter.

<u>Pasture Rates</u>	<u>Cost per day</u>
*Calves and colts:	
6-11 months	\$.06
12-24 months	.09
over 24 months	.12
Lambs to weaning	.01
Sheep - yearlings	
and mature	.025
Pigs, 50 to 100 lbs.	.005

\*Reduce by 2/3 for full-fed cattle  
 \*Reduce by 1/3 for limited fed cattle

JH

**VOCATIONAL AGRICULTURE SERVICE**

University of Illinois - College of Agriculture

434 MUMFORD HALL - URBANA, ILLINOIS 61801

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# VOCATIONAL - AGRICULTURE

# AIDS

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OCT 14 1968  
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Volume 27, Number 3

October 1968

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Urbana, Illinois 61801

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Western Illinois University  
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State Board of Vocational Education and Rehabilitation



# Reporting



# FFA News

To the image maker--  
the chapter reporter

From the Office of Agricultural Communications  
330 Mumford Hall - University of Illinois

Confucius say, "FFA chapter which does many things but doesn't tell anyone has no better public image than FFA chapter which does little or nothing." Actually, the great Chinese philosopher didn't make that statement, although he might have had similar thoughts. Instead, those words come from the mouth of State FFA Reporter Lyle Orwig, and from the typewriter of Ron Scherer, FFA Public Information Specialist.

FFA chapters throughout Illinois are active in agricultural and community service projects, but how many of these same chapters have an effective communications program to inform the public of their worthwhile activities? Is YOUR chapter guilty of not informing the public about its activities. Is YOUR chapter doing things which the public never hears about?

It's YOUR responsibility, as chapter reporter, to see that there isn't a communication breakdown between your chapter and the people around it. YOU, as a reporter determine what type of image the people in your community have of your chapter. YOU are the image maker. It's a pretty big responsibility, knowing that so many people are counting on you to spread the word of the FFA. But, it's a rewarding responsibility--for both you and your chapter--when you're able to look back on a job well done.

Make it a point this year to see that your chapter isn't one which does things and leaves them untold. Inform the people -- build a good image of your chapter. It's YOUR job.

## Plan ahead

Next June, at the State FFA Convention, ten chapter reporters and five sectional reporters will be recognized for their outstanding efforts in reporting FFA news during 1968-69. Are you going to be one of them? With a little advance planning right now and lots of hard work during the coming year, you can guarantee yourself a spot on the stage of the 1969 State Convention.

Keep a running count of your reporting efforts, along with samples of news stories, etc., and take a shot at the outstanding reporter award. Near the end of school you will receive a form to complete and return to this office. The awards selection will be based upon information in this form plus the samples of your news stories and other reporting efforts which you have submitted to me. Start planning now, and don't be caught out in the cold next June.

## Wanted -- your news

Lyle Orwig, your State FFA Reporter, is making a plea for news from your chapter for the Illinois Future Farmer. Send your stories to Lyle, and if they contain one or more of the five characteristics of news (prominence, proximity, consequence, human interest, and timeliness) there's a real good chance your chapter will get statewide news coverage.

Also, Lyle and I would appreciate receiving samples of your reporting efforts for our evaluation and comment throughout the year. If you have questions, drop us a line and we'll try to answer them.

## Confused??

When you began your duties as an FFA reporter, did you find yourself a bit confused as to exactly what your responsibilities were? You were probably wishing the reporter before you had left a file of his year's work. Here's a helpful hint -- why not make it easier for next year's reporter of your chapter by leaving him a file containing samples of all your reporting efforts this year? You might also want to take inventory and compile a list of all the equipment (such as cameras, tape recorders, etc.) which your chapter has available to the reporter. If you remember next year's reporter now, he'll remember you for a long time to come.

## Things you need to do

1. Start off the year with a bang by getting to know your hometown newspaper editor and farm director or manager of your local radio station. Their friendship will assist you greatly in reporting FFA news.
2. The National FFA Convention is nearly here. If representatives of your chapter will be attending, give them local coverage through your hometown newspapers and radio stations. Give special coverage to local members who will be receiving awards at the National Convention.
3. If you're hard-pressed for finding local news to report, why not try creating some news of your own? You might want to try your hand at doing some feature writing for your local newspaper. Perhaps one of your chapter members has an outstanding project or your chapter is trying a new activity which might be of interest to local people. Whatever the case might be, write up a story or do an interview and submit it to your newspaper or radio station.
4. Learn to recognize the difference between news stories and the minutes of an FFA meeting. There is a difference between the two. A news story normally presents the most important events first and the secretary's minutes report them in the order in which they happened. Be sure you try to answer the questions, Who, What, Where, When, and Why in the first paragraph of your news story. If you have questions about your writing, refer to your FFA Reporter's Handbook.

Sincerely,



Ron Scherer  
FFA Public Information Specialist

RS.wm  
9/20/68

State of Illinois  
BOARD OF VOCATIONAL EDUCATION AND REHABILITATION  
Vocational and Technical Education Division  
405 Centennial Building  
Springfield 62706

October 1968

- October 1            Annual Information Report to State Office, Springfield
- October 15          Central Region FFA Public Speaking Contest, Kansas City (Richard Crone, Harvard)
- October 15          FFA Dues, Membership List to Sectional Vice-President (Dues \$1 each -- 50¢ State + 50¢ National)
- October 16          National FFA Dairy Products Judging Contest, Kansas City (Shelbyville)
- October 16          National FFA Meats Judging Contest, Kansas City (Shelbyville)
- October 16          National FFA Poultry Judging Contest, Kansas City (Shelbyville)
- October 16-18       National FFA Convention, Kansas City
- October 17          National FFA Dairy Cattle Judging Contest, Kansas City (Greenville)
- October 17          National FFA Livestock Judging Contest, Kansas City (Chatsworth)
- October 31          Chapter Program of Work to Sectional Vice-President
- December 31        Complete Records of Students' Supervised Experience Programs
- February 15        Annual Supervised Agriculture Experience Program Summary Report to State Office, Springfield
- February 15-22     National FFA Week
- \*February 27, 28  
& March 1        Illinois Vocational Association Meeting, Peoria
- March 3            Sectional FFA Foundation Awards Winners Reported to State Ofc., Springfield
- March 26          District FFA Foundation Awards
- March 29          State Vocational Agriculture Meat and Milk Judging Contest, Urbana
- April 2            District FFA Public Speaking Contests
- April 15          State Farmer Applications to State Office, Springfield
- April 15          American Farmer Applications to State Office, Springfield
- April 19          State FFA Foundation Awards Meeting, Urbana
- \*New information



# VO-AG SERVICE

## Announcements & Notes

Telephone - Area 217 - 333-3870

Engine Analysis Kit Schedule. In each issue of the AIDS, we will publish the engine analysis kit schedule for about two months ahead. This is to remind you that you have the kit scheduled and we request that you notify us at once if the schedule is in error. If your plans change, and you wish to cancel the kit, we need to know that also as long ahead as possible as we have schools on a waiting list.

Sec.	3 weeks 10/7-10/25	4 weeks 10/7-11/1	2 weeks 10/14-10/25	3 weeks 11/4-11/22	4 weeks 11/11-12/6	2 weeks 11/4-11/15
1	Forreston			Warren		
2	Lanark			Amboy		
3					Annawan	
4				Williamsfield		
5						
6		Hampshire				
7			Serena			Ottawa
8						
9	Colfax					
10						
11				Sciota		
12	Havana			Tremont		
13	Perry			Barry		
14	Chatham			Pawnee		
15					Hardin	
16	Arthur			Wapella		
17		St. Joseph			Villa Grove	
18	Georgetown			Armstrong		
19	Moweaqua			Nekomis		
20	Casey			Effingham		
21	No information					
22	Aviston			Alton		
23	Albion			Sumner		
24		Thompsonville			Christopher	
25	Shawneetown			Eldorado		

JWM

Training Courses - Engine Analysis. A number of teachers have requested a training course on the use of the engine analysis kit, either as a refresher or to qualify them to use the kit. All of the ten men who taught this course in the summer of 1967 are still teaching in Illinois -- in high school, junior college, or university. They have indicated their willingness to help out again if a limited number of courses can be scheduled. If you are interested, please fill out and send in the tear sheet form in the back of this issue of the AIDS. A further announcement will be made in the November AIDS.

JWM



New Bulletins and Circulars. Several new bulletins and circulars have been released since our last announcement in May. They are as follows:

- Bul. 729 The Economics of Machinery Choice in Corn Production, 20¢
- Bul. 730 Changes in Imports of Capital Goods--Sierra Leone, 1950-65
- Bul. 731 Factors Affecting Post-High School Educational and Job Plans of Rural Youth in Eight Illinois Counties in the 1963-64 School Year, 25¢
- Bul. 732 Milk Consumption in Illinois Schools, 1954-1966, 20¢
- Cir. 981 Growing Tomatoes at Home, 10¢
- Cir. 983 Commercial Production of Strawberries in Illinois, 25¢
- Cir. 984 Aerating Stored Dry Grain, 10¢
- Cir. 985 Mechanics of Farm Budgeting, 15¢
- Cir. 986 Law for the Illinois Farmer, 25¢

All of the above publications except Bul. 730 were included in October Agricultural Releases. Prices shown are for out-of-state distribution. Illinois teachers may request additional copies from Vocational Agriculture Service in the usual way. A special policy has been adopted for distribution of Cir. 986, Law for the Illinois Farmer, to Illinois schools. Up to 5 copies can be obtained without charge; additional copies are 25¢ each.

JWM

Agricultural Releases. The first shipment of Releases, October issue, will be reaching you soon. Subscriptions are still coming in (September 20) and will probably continue to do so up to the deadline date of October 1. If your subscription came in during the latter part of September, your first issue may be a few days late. Please let us know, however, if you fail to receive your Releases by October 15. Also, please check your label for any errors in name or address, and notify us of these errors.

JWM

Field Modifications of Tractors. This is a report of a symposium held in Detroit last winter in conjunction with the American Society of Agricultural Engineers meeting. A copy of the complete report is included in October Agricultural Releases. We have a few copies left if you do not get Releases and are interested. They are available at \$1.00 per copy.

Those who attended one of the intensive courses this past summer received a copy of a 6-page summary of this report. This was simplified and intended for class use, to be used with your copy of the complete report for reference. Quantity copies of this summary are available at a cost of 7¢ per copy, plus postage. This item is included on the tear sheet in this issue of the AIDS.

JWM

1968 National Electrical Code Coming. We have been informed by the National Fire Protection Association that the 1968 edition of the National Electrical Code will be available sometime in October. This publication is revised every three years and we are waiting to learn how many significant changes have been made that affect rural wiring. The shocker in the situation (no pun) is that the new Code will cost \$2.00 per copy, f.o.b. Boston. We still have some copies of the 1965 Code on hand at \$1.10/.88. By November, we hope we can report to you on the changes.

JWM

FFA Roadside Signs. The quota for new and replacement sets of FFA roadside signs was reached with the applications that came in by September 5. Since that time we have received applications from 21 other chapters. These chapters have received letters stating that they are being held on the waiting list for the 1969-70 sign program. Chapters getting signs this year will be notified when they are ready. It will probably be about December 1.

JWM





Beef Housing and Equipment Handbook. This is a revision of a 1963 edition, entitled Beef Equipment Plans--Design Information and Layouts, published by the Midwest Plan Service. A copy is included in October Agricultural Releases. They are \$1.00 each and additional copies may be ordered from Vocational Agriculture Service or from the Agricultural Engineering Dept. Out-of-state teachers should direct their requests to their state universities.

WHW

Approved Practices for Beef, Dairy, Sheep, and Swine. These are 4 to 6 page leaflets on the four enterprises. Beef, dairy, and sheep approved practices are new, while swine is a revision of one that has been out for a number of years. They are being included in the October Agricultural Releases and on the tear sheet in the back of this issue of the AIDS. Price, 5 cents each.

WHW

Planning Your Farm Business - Out of Print. We still receive orders for Planning Your Farm Business although it is not listed in our 1968-69 catalog. It is out of print and not available. We hope eventually to get it revised and reissued but it definitely will not be until after the 1968-69 school year.

JHH

Some Types of Data Available from the Illinois Cooperative Crop Reporting Service. This is the title of an item included with Agr. Releases for November 1967. It contains 14 tables on such items as livestock on farms, sow farrowings by quarters, soybean varieties and row widths, breeds of hogs by percentages of each, and methods of harvesting grain according to percentages of the total crop. We have 200 of these items on hand and will send them without charge on a first-come, first-served basis.

JHH

Agronomy Day Proceedings--1968. A single copy is included in the October Releases. There is a limited quantity remaining. If you do not receive Releases and wish a copy, please let us know.

RLC

Forest Tree Application Forms. Through the cooperation of Professor W. F. Bulkley, we are enclosing in the October Releases going to Illinois subscribers, an application form for forest tree planting stock and a list of trees available for reforestation purposes. The stock is available only to Illinois landowners. The nurseries are accepting orders until April 18, 1969.

RLC

Basic Text for "Lawn Care and Management." This basic text entitled Lawns and Ground Covers could be used by students enrolled in an ornamental horticulture program. Supplementary references are available in the subject-matter packets. Orders received at June Conference and to date will be sent in early October. Please advise if you do not receive your order by about October 15. We have approximately 50 texts left. Orders for these are available at \$1.75 each on a first-come, first-served basis. It is included on the tear sheet for your convenience.

RLC

Lawn Care and Management Subject-Matter Packets. This packet contains a teacher's guide and supplementary references (15 publications) that could be used by students enrolled in an ornamental horticulture program. All orders for these packets received to date have been made up and will be sent in early October. After filling orders we will have approximately 50 packets left. These packets are available at \$1.80 per packet, on a first-come, first-served basis. Please return the tear sheet if you are interested.

RLC

Programmed Instruction Series No. 601-Selecting Trees for Home Plantings. These are multiple-choice questions, based on Subject-Matter Unit VAS 5001, that are used with the Rapid Rater. A single copy was included in the October Releases. These question sheets are available in packs of 20 for 25¢, plus postage. It is included on the tear sheet.

RLC

Beef Hoarding and Equipment  
Equipment Plans  
A copy is being made  
copies may be made  
ing that...

Approved Plans  
Your equipment  
of one that has  
and Release...

Information  
The information  
be used for  
...

1. The purpose  
2. The scope  
3. The objectives  
4. The methods  
5. The results

6. The conclusions  
7. The recommendations  
8. The references  
9. The appendices  
10. The index

11. The bibliography  
12. The glossary  
13. The abbreviations  
14. The symbols  
15. The units

16. The tables  
17. The figures  
18. The charts  
19. The graphs  
20. The diagrams

21. The photographs  
22. The microfilm  
23. The microfiche  
24. The audio  
25. The video

Colored Pictures of Insects. Five additional insect sheets prepared by Extension Entomologists of the North Central States were included in the October Agricultural Releases. The titles are as follows: Principal Stored Grain Insects, Common Soybean Insects, Common Small Grain Insects, Common Forage Legume Insects, and Common Vegetable Insects. Quantity copies are available at 5¢ each, plus postage. For those of you who have a copy machine, you may want to laminate these sheets to protect them for future use. Nine colored picture sheets are available in quantities and are listed on the tear sheet for those who may want to order.

RLC

Color Chart for Estimating Organic Matter. This color chart may be used as a guide for estimating organic matter content and can be helpful in selecting herbicides and application rates that will provide adequate control and minimize residues. A single copy was included in the October Agricultural Releases. Quantity copies of this chart are available at 5¢ each, plus postage.

RLC

#### 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.

EDUCATORS GUIDE TO FREE SCIENCE MATERIALS 1968. \$8.25. Educators Progress Service, Randolph, Wisconsin 53956.

"The ninth edition of EDUCATORS GUIDE TO FREE SCIENCE MATERIALS lists, classifies and provides complete information on titles, sources, availability and contents of 1,162 free films, 84 free filmstrips and 444 other free supplementary materials from 360 sources -- bulletins, pamphlets, exhibits, charts, posters and books -- a total of 1,690 free items, of which 511 are new in this edition."

EDUCATORS GUIDE TO FREE SOCIAL STUDIES MATERIALS 1968. \$8.50. Educators Progress Service, Randolph, Wisconsin 53956.

"EDUCATORS GUIDE TO FREE SOCIAL STUDIES MATERIALS, a cyclopedic, professional service brings you complete, up-to-date organized and systematized information on free educational and informational social studies materials. This eighth annual addition lists, classifies and provides information on titles, sources, availability, and contents of 1,747 films, 104 filmstrips, 30 sets of slides, 83 tapes, 47 scripts, 68 transcriptions, and 479 other materials... a total of 2,558 selected free items, of which 926 are new in this edition."

Change in Dates for IVA Convention. Since the special edition of Calendar of Events was printed for distribution at fall section meetings, a change has been made in dates for the IVA Convention at Peoria. It is now scheduled for February 27-28-March 1. Please make this change in your calendar. For further information, see IAVAT section of the AIDS.

JVM





# AGRICULTURAL EDUCATION NEWS

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

Agricultural Mechanics Workshop. Three area high school and 15 junior college agricultural occupations instructors participated in a workshop conducted by the International Harvester Company at their Hickory Hill Service Training Center, Sheridan, Illinois, on August 18-23, 1968.

Ralph Guthrie, Head State Supervisor, Robert W. Walker, University of Illinois Teacher Educator; and Edward Kaiser, Canton Community College Agricultural Mechanization Instructor, helped the service center to plan the workshop to meet the needs of the instructors enrolled in the course.

Special emphasis was given to the methods of teaching high school and junior college students the technology of hydraulics that was learned by the agricultural occupations instructors enrolled.

Workshop participants and their area high school or college were as follows:

<u>Instructor</u>	<u>Institution</u>
Donald Whitten	Canton Community College
Harold Wheeler	Canton Community College
Brian Tolander	Canton Community College
Dale Fathauer	Danville Junior College
Williford Hockett	Danville Junior College
Donald Wiechman	Illinois Valley College
Bill Rich	Lake Land College
James Becker	Lake Land College
Forrest Danner	Parkland College
Bill Annin	Parkland College
E. L. Rice	Sauk Valley College
Gary Auerswald	Wabash Valley College
Harold Stogsdill	Wabash Valley College
Joseph Berberich	Wabash Valley College
Dwight Mobley	Wabash Valley College
John Grant	Marion Area Vocational Center
Max Grinnell	Okaw Area Vocational Center at Vandalia
Robert Cobb	Ambraw Valley Area Center at Lawrenceville

RWW

New Freshmen. Twelve freshmen have registered in the agricultural education curriculum at the University of Illinois. The names of these students, their home high schools, and their agricultural occupations teachers are as follows:

<u>Name</u>	<u>High School</u>	<u>Teacher</u>
Steven Dickey	Cisne	Merle Holt
Melvin Hahn	Olney	William Washburn and Bobby Whittington



(cont.)

Larry Hills  
Lynn Huelskoetter  
James Jones  
James Krukewitt  
Dennis Lingley  
Harold Loy  
David Mealiff  
Thomas Morrissey  
William Ritter  
Fred Smith

Martinsville  
Beason  
Louisville  
Homer  
Wellington  
Donovan  
Hamilton  
Erie  
Kinmundy  
Findlay

John Beaty  
Dorr Simer  
Grover Burkett  
Raymond Dunn  
John Duis  
M. D. Schlieper  
Robert Williamson  
Tom Hammer  
Claren Hosselton  
Jerry Kuykendall

PEH

Introducing New Part-Time Staff Members. The following individuals are the new graduate assistants for the 1968-69 school year.

Mohammed Ali Ammadi, who is a native of Iran, has received his B.S. from Southern Illinois University and his M.A. from California State Polytechnic College in San Luis Obispo, California. He has done additional graduate study at the University of California at Santa Barbara. Ali plans to work for the doctorate at the University of Illinois.

Neal S. Coyle from Mulberry Grove, Illinois is studying for the advanced certificate. Mr. Coyle received his B.S. degree from Kansas State University and his M.S. from the University of Illinois. He has taught agriculture in Kansas and Illinois and for three years was principal at Mulberry Grove, Illinois. He also was unit superintendent for a year at Mulberry Grove.

C. Eugene McGrew from Bushnell, Illinois is studying for his M.Ed. degree. Mr. McGrew taught agriculture at Bushnell-Prairie City Schools for the past five years, and one year at Plymouth School District. He received his B.S. degree from the University of Illinois in 1962.

Sonny Tucker from Gbap, Sierra Leone, West Africa, is studying for the M.Ed. degree. Mr. Tucker received his B.S. degree from the North Carolina A and T State University in 1968. He has taught two years in Freetown, Sierra Leone.

Richard A. Watson from Steamboat Springs, Colorado, is studying for his M.Ed. degree. Mr. Watson spent three years in the Army prior to attending Illinois State University where he graduated with a B.S. degree in 1968.

LJP

Continuing Graduate Assistants in the Agricultural Education Division, University of Illinois are:

Irvin Ashley  
Frank Bobbitt  
Alfred Manneboch  
Doug Patterson  
Vic Quiton  
John Roth  
Ed Vernon  
Elmer Wright

LJP







## AGRICULTURAL EDUCATION NEWS

Supervising Teachers in Cooperating Schools Meet at I.S.U. Twenty-eight teachers of Agriculture Occupations from the cooperating schools working with Illinois State University in the student teaching and summer experience program met at I.S.U. on August 21. Daren Cox of Pontiac presented a demonstration on the problem solving technique and Howard Cotter of Flanagan gave a follow up lesson on corn production. William Hills from Naperville showed slides concerning the horticulture program and building of their greenhouse. Ten teachers are supervising for the first time this year. The next meeting for the group will be January 14, 1969.

KEJ

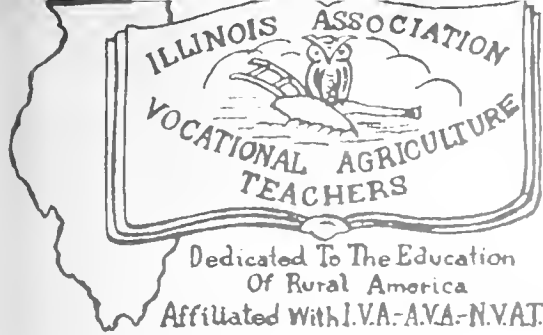
Agricultural Education Class to Attend Student Teacher Conference. Dr. Kenneth James and 28 students enrolled in Methods & Procedures in Agricultural Education Class who will student teach the first semester and two delegates to the National Alpha Tau Alpha Conclave will be in Kansas City October 15-18. The group will participate in the National Student Teachers Conference, the National Alpha Tau Alpha Conclave, and attend the National FFA Convention. James Hanlin, A.T.A. President at I.S.U. will serve as student chairman for the opening session of the Alpha Tau Alpha Conclave. Dr. James is presently serving a four-year term as National President of Alpha Tau Alpha, which meets annually in Kansas City during the week of the FFA Convention.

KEJ

Placement Report. Ten students will complete their requirements for certification to teach Agricultural Occupations at the close of the first semester on January 24 and be available for teaching positions.

KEJ





# IAVAT NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

Once again we have weathered the opening day confusions and have settled into the normal routines of teaching Agriculture Occupations. Your State Association wishes to welcome all new members to the fold and congratulate the return of the many "old ones."

Now that school has started, where do we go from here? (1) We need to build upon the old established practices that have been so successful for us in the past but we do need to adopt new practices--NOW. (2) We are at the awareness state so let's continue forward. Any direction but forward is a backward direction and we can't afford the luxury of being static. (3) We have told ourselves, now tell others. (4) We need to study the National situation and become aware of the total program.

\*\*\*\*\*

Some important dates to remember:

- October 16-18      40th Annual FFA Convention, Kansas City. Let's give our chapter members the opportunity to observe leadership at the highest level.
- December 7-12      NVATA Convention, Dallas, Texas. Read the last issue of the American Vocational Journal for reservation information.
- February 27, 28  
& March 1      Illinois Vocational Association, Peoria. Regardless of any date written in your date book, we were informed by President Schettler, IVA, the above dates are correct. E. L. Bosomworth is planning a program of top quality for Friday, February 28, so get the date on the school calendar, obtain permission from your administrator and mail in your reservation to the Pere Marquette Hotel.

\*\*\*\*\*

It is with great sadness I report to you the passing of one of our former members, Mr. B. B. Battershell. Mr. Battershell was county superintendent of schools in Shelby County. Prior to this he was vocational agriculture teacher at Shelbyville and also served as President of IAVAT, 1949-50.

\*\*\*\*\*

News and Views from the Sections:

- Section 25      Mr. and Mrs. Michael Colbert, Agriculture Occupations Instructor at the Norris City-Omaha High School have just added their first addition to their family, a girl named Lora Sue. Congratulations.
- Section 25 held their annual FFA Fair August 17, at the Vienna Sale Barn.
- September 27 the Sectional Land Use Contest will be held in the Eldorado vicinity. Richard Sutton, Eldorado, will host the contest.
- Section 25 will have their Leadership Training School September 17, at the Norris City-Omaha High School with Michael Colbert as sponsor.
- The Section 25 Parliamentary Procedure Contest will be held at Ridgeway High School, November 4, with Sam Jones as host.

\*\*\*\*\*



## Section 7

- Mendota:** Fred Morris says that George Mercer who taught at Mendota and Chillicothe, is retired and lives in Mendota, with his wife and invalid daughter. He signs in the church choir each Sunday and taught Sunday School until this year. He enjoys hunting and still gets his share of pheasants.
- Streator:** Has a new teacher in their department, Mr. Jim Chaffer, who replaces Don Higgs who went to Jr. College Teaching. Jim taught at Lincoln-Way last year.
- The two classes in Corn Economics and Soybean Economics taught during the summer have been most interesting. Each class member maintains a substantial test plot with accurate production records and yield calculations. Plots are toured during the summer to discuss cultural practices, and field problems. The course objectives include efficiency improvement in corn and soybean production in the Streator area.
- Shabbona:** Jack Niles' students won Section 7 best school beef exhibit award at the sectional livestock fair. The Shabbona FFA participated in the Lee Homecoming and had a garden tractor pull, parade, and steer auction. Also, the chapter won 1st place in the chapter exhibit at the state FFA convention, in 1968.
- Somonauk:** Arnold Parchert was married July 6 to the former Janet Rompf of Somonauk, and took a two-week honeymoon to Minn. The Somonauk FFA members have been busy testing 4 varieties of corn and various rates of nitrogen applications as side dressing. The FFA went to see the Cubs vs. Cards on 8/14.
- Woodland:** Ken Johnson, 1968 ISU graduate, has replaced Ron Hougas. Ron went to a Jr. College in Iowa. Ken is a native of Seneca.
- Sandwich:** Donald Wilson says the FFA members are working with Giegy on plot experiments with herbicide and insecticide. The members are also collecting old batteries as a chapter money maker.
- Tonica:** The Tonica FFA had a game of skill at the Tonica Homecoming in one of the booths as a money maker. Also had a display on safety during National Safety Week.
- Rochelle:** Teachers Curl and Shoemaker sponsored a half-day workshop on small engines for teachers of Section 7. This included reference materials, time allotments for units, equipment needed and so forth. Demonstrations included seal replacement, points, grinding valves, coil tests, and procedures for tear-down and re-assembly.
- Five chapter members attended conservation workshop at Western for a week. This is the 7th consecutive time the chapter has participated in this program, sending a total of 34 members in the 7 years.
- Earlville:** FFA members are doing lots of judging livestock at state sales and contests. For recreation, camping from the canoe has taken the fancy of the Earlville group. "Running Creeks" on Sunday afternoons or evenings is a common occurrence. The Earlville FFA rifle club has been popular during the last 4 years. This group has a waiting list for membership. In 1968, the group qualified 23 members for medals. Mr. Montooth recommends this activity to FFA chapters suggesting that the number one can handle depends on the age of the group.
- Morris:** Gary Brucker is busy building a new home southeast of Morris, in a new subdivision. He treated himself to a 2-week fishing trip in Canada, in August. Final report on this not in as of this writing.
- Seneca:** Student teachers from ISU, Bob Britt of Newark, and Roger Brown of Forest High and Fairbury, RFD, are getting a rapid indoctrination of the summer duties of the ag occupations teacher during August, at Seneca. Following the summer experience program, these men will return for their student teaching later in the 1st and 2nd semesters.



Ottawa: Ken Eike just did another bang up job as fair manager. He incorporated several ideas in this year's fair to assist the press and radio in getting coverage. He also got lots of recognition for trophy donors on fair day. The rosette champion ribbons rivaled those at the Illinois State Fair.

From: Sherwood Jackson  
Seneca, Illinois  
Section 7 Public Relations  
Representative

\*\*\*\*\*





TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	<u>Item</u>
<u>Colored Picture Sheets of Insects</u>			
_____	.05	_____	No. 1 Principal Stored Grain Insects (revised)
_____	.05	_____	No. 2 Common Household Pests
_____	.05	_____	No. 3 Common Tree and Shrub Pests
_____	.05	_____	No. 4 Corn Insects - Above Ground
_____	.05	_____	No. 5 Corn Insects - Below Ground
_____	.05	_____	No. 6 Common Soybean Insects (new)
_____	.05	_____	No. 7 Common Small Grain Insects (new)
_____	.05	_____	No. 8 Common Forage Legume Insects (new)
_____	.05	_____	No. 9 Common Vegetable Insects (new)
<u>Lawn Care and Management</u>			
_____	1.80	_____	Subject-Matter Packet
_____	1.75	_____	Basic Text: Lawns and Ground Covers
<u>Programmed Instruction</u>			
_____	.25	_____	No. 601 - Selecting Trees for Home Plantings (pkg. of 20)
_____	.05	_____	<u>Color Chart</u> AG 1941, Color Chart for Estimating Organic Matter
_____	.07	_____	Summary of FIELD MODIFICATION OF TRACTORS
_____	.05	_____	Approved Practices for Swine (revised)
_____	.05	_____	Approved Practices for Beef (new)
_____	.05	_____	Approved Practices for Dairy (new)
_____	.05	_____	Approved Practices for Sheep (new)

Name \_\_\_\_\_ School \_\_\_\_\_  
Address \_\_\_\_\_ Billing \_\_\_\_\_

TO: Vocational Agriculture Service, 434 Mumford Hall, Urbana, Illinois 61801

I am interested in attending a training course on the use of the Engine Analysis Kit, if one can be held in my area.

Signed \_\_\_\_\_

Address \_\_\_\_\_



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PRICE LIST OF FEEDS<sup>1/</sup>

Prices for some of the feeds used in supervised experience programs are listed below for students obtaining their feed at home. Purchased feeds can be recorded at prices paid.

Kind of feed	Sept. 16
Corn, shelled, bu. (old) . . . . .	\$ .98
Corn, ground shelled or ear corn, bu. . . . .	1.08
Oats, bu. . . . .	.59
Oats, ground, bu. . . . .	.69
Barley, (feed) bu. . . . .	.82
Barley, ground or rolled, bu. . . . .	.92
Grain sorghum, cwt. . . . .	1.65
Grain sorghum, cracked, cwt. . . . .	1.75
Whole milk, mfg. grade, cwt. . . . .	3.85
Corn silage, ton . . . . .	9.00
Sorghum silage, ton . . . . .	8.00 <sup>2/</sup>
Haylage, ton . . . . .	13.00 <sup>2/</sup>
Clover and mixed hay) All hay and straw prices . . . . .	20.00
Alfalfa ) are for baled. Figure . . . . .	22.00
Oat or wheat straw ) loose at \$5 less per ton . . . . .	15.00

<sup>1/</sup>Prepared in cooperation with the Department of Agricultural Economics.

<sup>2/</sup>Or convert to dry hay equivalent containing 90 percent dry matter.

Pasture Rates	Cost per day
*Calves and colts:	
6-11 months	\$.06
12-24 months	.09
over 24 months	.12
Lambs to weaning	.01
Sheep - yearlings	
and mature	.025
Pigs, 50 to 100 lbs.	.005

\*Reduce by 2/3 for full-fed cattle  
\*Reduce by 1/3 for limited fed cattle

**VOCATIONAL AGRICULTURE SERVICE**

University of Illinois - College of Agriculture

**434 MUMFORD HALL - URBANA, ILLINOIS 61801**

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**State Board of Vocational Education and Rehabilitation**



BOARD OF VOCATIONAL EDUCATION AND REHABILITATION  
Vocational and Technical Education Division  
405 Centennial Building  
Springfield 62706  
November 1968

Vocational Agriculture Dates and Activities to Remember

- December 31 Complete Records of Students' Supervised Experience Programs
- February 15 Annual Supervised Agriculture Experience Program Summary Report to State Office, Springfield
- February 15-22 National FFA Week
- February 27, 28  
& March 1 Illinois Vocational Association Meeting, Peoria
- March 3 Selected FFA Foundation Awards Winners Reported to State Office, Springfield
- March 26 District FFA Foundation Awards
- March 29 State Vocational Agriculture Meat and Milk Judging Contest, Urbana
- April 2 District FFA Public Speaking Contests
- April 15 State Farmer Applications to State Office, Springfield
- April 15 American Farmer Applications to State Office, Springfield
- April 19 State FFA Foundation Awards Meeting, Urbana
- \*April 26 State FFA Extemporaneous Public Speaking Finals and Preliminary State FFA Prepared Public Speaking, Springfield
- \*May 1 Completed FFA Program of Work to Sectional Vice-President
- \*May 3 State Vocational Agriculture Livestock, Dairy, Poultry, and Grain Contests, Urbana
- \*June 1 Annual FFA Report to State Office, Springfield
- \*June 10-12 Annual State FFA Convention, Urbana
- \*June 11 State FFA Finals Prepared Public Speaking, Urbana
- \*June 16-19 Annual Conference Vocational Agriculture Teachers, Urbana

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\*New information



# VO-AG SERVICE

## Announcements & Notes

Telephone - Area 217 - 333-3870

New Bulletins and Circulars. Only one new circular has been released since the last issue of the AIDS. It is Circular 987, 1967 Summary of Illinois Farm Business Records. A copy was included in November Releases. The price of this publication for quantity distribution out of state is 15¢.

JWM

Engine Analysis Kit Schedule. Following is the schedule for engine analysis kits the way we have it for November and December. Please take notice if your school is scheduled and notify us promptly of any errors or changes in plans.

Sec.	2 weeks 11/4-11/15	3 weeks 11/4-11/22	4 weeks 11/11-12/6	2 weeks 11/25-12/13	3 weeks 12/2-12/20	4 weeks 12/16-1/10	2 weeks 12/23-1/10
1		Warren			Dakota		
2		Amboy			Tampico		
3			Annawan			Kewanee	
4		Williamsfield			***		
5					Sparland		
6			Woodstock			DeKalb	
7	Ottawa			Morris			Earlville
8					Yorkville		
9		Pontiac			Lexington		
10					Clifton		
11		Sciota			{ Nauvoo		
12		Tremont			{ Augusta		
13		Barry			Astoria		
14		Pawnee			Pittsfield		
15			Hardin		Ashland		
16		Wapella			Mt. Zion		
17			Villa Grove			***	
18		Armstrong			Chrisman	Bismarck	
19		Nokomis			Hillsboro		
20		Effingham			Altamont		
21	Salem			Brownstown			Centralia
22		Alton			Red Bud		
23		Sumner			Lawrenceville		
24			Christopher			Sesser	
25		Eldorado			Mill Shoals		

\*\*\*Kit scheduled in another section



Seneca Club Calf Sale. We have received the following information from Sherwood Jackson of Seneca and are glad to pass it along:

'Seneca's 1968 Club Calf Sale is planned for Wednesday night, November 13th, at 7:00 p. m., with over 30 purebred beef herds to be represented. Sixty steers will be auctioned. There will be Herefords, Shorthorns, and Angus representing the best of the 1968 calf crop from the consigning herds located within a 100-mile radius of Seneca. All calves will be stall-tied, groomed, numbered, and ready for buyer inspection by 5:00 p. m. on sale night.

'Many 1968 fair winners originated from herds selling at the Seneca Sale on November 13th. The sale committee is Jim Walsh of Verona, Phil Corcoran of Ottawa, and John Gilchrist of Mazon. Each year the committee adds new herds to the consignors which meet the quality standards for the cooperative sale.

"The auction will be held in Seneca's FFA Sale Barn located one block east of Route 170 on the south side of Seneca. (Seneca is located in Northern Illinois, on U.S. 6, midway between LaSalle and Joliet, 3 miles south of Interstate 80).

"Seneca FFA President Bill Boyd will be in charge of building arrangements for the sale. Sherwood Jackson will act as sale manager."

SJ/WHW

Catalog Price Change on Suede Paper. We have had to replenish our stock of suede paper, used for making flannel board items, and are forced to increase the price to 50¢ per yard. This item is listed on page 19 of the 1968-69 catalog and on the Miscellaneous Materials order form. You may wish to note this in your catalog if you contemplate ordering suede paper in the future.

JWM

For High School Counselors. Following is a message to Illinois teachers of agricultural occupations from Dean Karl E. Gardner of the College of Agriculture:

"We are enclosing two copies of a one-page letter to high school counselors relative to 'Professional and Technical Careers in Food and Fiber in the United States and Abroad.' Will I be asking too much to have you give one copy to your guidance counselor?"

"We know that one of our weakest links in encouraging young men to study agriculture in one of our colleges of the State is that so many high school counselors are not really well-aware of the opportunities available for graduates of agricultural colleges. I hope this kind of information may help alert them to these facts. They have a difficult job in trying to keep up with the numerous occupations, the different colleges and universities, and so on -- and it is my opinion that we need to provide them with every assistance we can."

KEG

Colored Pictures of Insects. Another colored picture sheet of insects (No. 10 - Common Fruit Insects) was included in the November Agricultural Releases. Quantity copies are available at 5¢ each, plus postage, and is listed on the tear sheet for those who may wish to order.

RLC

Estate Planning Packet. Accumulated orders for the Estate Planning Packet are being filled and will be sent out shortly after November 1. If you ordered copies and do not receive them soon, please let us know. Persons still wishing to order can do so by using the tear sheet with this issue of the AIDS. The price of the packet is \$2.50, plus postage.

JHH



1968 National Electrical Code. We have obtained a copy of the 1968 Code. The changes listed below are from a release issued by the National Fire Protection Association.

### THE NEW ARTICLES:

**Article 365 — Cablebus.** A new wiring method.

**Article 424 — Fixed Electrical Space Heating Equipment.** Covers electric space heating, de-icing and snow melting installations.

**Article 555 — Boat Harbor Wiring.** Covers wiring methods, receptacles, grounding.

**Article 645 — Data Processing Systems.** Applies to equipment, power-supply wiring, interconnecting wiring of equipment, grounding.

**Article 750 — Stand-by Power Generation Systems.** Covers installation of circuits, systems, and equipment to supply on-site generated power (other than emergency systems) in event of failure of normal source.

**Article 820 — Community Antenna Television and Radio Distribution Systems.** CATV.

### SOME SIGNIFICANT CHANGES — NEW RULES:

**210-22. (b).** Laundry outlet requirements clarified — not required in some dwelling units.

**220-3. (b).** At least one 20-ampere branch circuit required for laundry outlets in dwellings in addition to the two required for kitchens, dining areas, etc.

**220-8.** Optional calculation method introduced for additional loads in dwellings.

**240-5. (b).** Same standard ampere ratings now given for fuses and nonadjustable circuit breakers.

**240-14.** Fuses and circuit breakers shall not be installed in parallel except for breakers approved for the purpose.

**250-45.** Requires grounding of noncurrent carrying metal parts of refrigerators, freezers, and air conditioners. Extends recognition of double-insulation as method to eliminate need for grounding.

**250-95.** Size of conductors increased for grounding 15, 20 and 30 ampere equipment (see Table 250-95 — extended to 6,000 amperes).

### Some Significant Changes (Cont.)

**300-22.** Not over 4 feet of flexible metal conduit may now be used in high velocity air plenums, nor over 6 feet in low velocity systems.

**310-2. (a).** New types of conductors listed. Types PF, PGF, TF and TFN for fixture wires; Type MTW for machine tools; Type THW-MTW for electric discharge lighting equipment; Type XHHW for general use.

**310-20 and 21.** New Simplified Wiring Table for selection of feeder and branch circuit conductor sizes.

**346-6.** Permits greater fill of conduit for thin conductors.

**346-10.** Recognition of use of one-shot benders at shorter than previously recognized field bend radii for rigid metal conduit. Same in 348-9 for electrical metallic tubing.

**350-5.** Flexible metal conduit may be used as grounding means only where conduit and fittings are approved for the purpose.

**Article 352.** Nonmetallic surface raceways now included with surface metal raceways.

**362-5.** Number of conductors authorized in wireways increased, where derated, in Exception 3.

**370-6.** Increased number of conductors permitted in outlet and junction boxes now includes grounding conductors. Table now gives cubic inch capacity of boxes.

**370-13.** Liberalized provisions on support of boxes of less than 100 cubic inches.

**384-27.** Provides for grounding terminal bar in panelboards where used with nonmetallic raceway and nonmetallic cable wiring.

**410-11.** Limits branch circuit wiring passing through an outlet box that is an integral part of an incandescent fixture unless the fixture is approved for the purpose.

**410-23. (c).** Showcases may be interconnected by cords under certain conditions.

**430-6.** Adds requirements for torque motors for determining ampacities.

**430-52.** Recognizes instantaneous circuit breakers on motor circuits.

We distributed a total of 1200 copies of the 1965 Code. However, the price of the 1968 Code has doubled. It looks like our price to you will have to be \$2.25 per copy, to take care of postage and handling. Then we can handle them only on a cumulative order basis. If you wish to order, fill out and send in the cumulative order form in the back of this issue of the AIDS. We will place an order on the basis of numbers of copies requested by December 1 and deliver as soon as the Codes arrive.

You can get a single copy of the 1968 Code postpaid by sending \$2.00 to the National Fire Protection Association, 600 Batterymarch Street, Boston, Mass. 02110.

JWM





FFA Roadside Signs. We now have application forms complete for 55 of the 60 sets that can be provided for 1968-69 by Illinois Foundation FFA funds. Our order for these signs will be placed on November 15. The first five of the following chapters to return the forms which were sent for them to choose the slogan, etc., will get signs, if they are received before November 15.

Alexis, Allendale, Clifton, Dixon, Dongola, Enfield, Golconda, Hutsonville,  
Metropolis, Sandwich, Steeleville

JWM

Training Courses, Engine Analysis. Response to the announcement in October AIDS indicates the following are interested in a training course on the use of the engine analysis kit, by sections: (1) R. Welling; (2) R. Peterson; (4) D. Fry; (7) G. Curl, F. Morris, D. Wilson; (9) R. Defenbaugh, J. Dittmer, G. Weber; (10) J. Duis; (12) R. DeWolfe; (16) R. Wesbecher; (18) J. E. Smith, J. Stevens; (20) R. Smith, W. Spittler; (21) D. Gruchy, K. Poole; (23) F. Knight, K. Saxe. We are in process of trying to set up courses and will notify the above by direct mail. If others are interested, the tear sheet form is repeated in the back of this issue of the AIDS.

JWM

Concrete Masonry Visuals. A new set of 45 visuals on concrete masonry was included in the November Releases. These are 8½" x 11" masters for making transparencies for overhead projection. This set is now available for sale to anyone interested at \$1.25 plus postage. It is included on the tear sheet order form.

JWM

Swine Housing and Equipment Handbook. This is a revision of the publication "Swine Equipment Plans and Housing Needs" that was originally issued in 1964. It was included in November Releases. Additional copies are available from the Department of Agricultural Engineering in any of the states cooperating with Midwest Plan Service. It can also be obtained by writing to Vocational Agriculture Service. The price is \$1.00 per copy, plus postage.

JWM

Breaker Points Resistance Test - Small Engines. This item, a copy of which is included in November Releases, gives directions for using a tach-dwell tester to diagnose breaker point condition on small engines. It was developed by Mr. George Forgey, Instructor of Agricultural Mechanics at Illinois State University and was reproduced with his permission. This may be of special interest to teachers who have a unit on small engine repair going at the time they have the engine analysis kit scheduled, or to those who have tach-dwell testers in their shops. We have a few copies left if you did not get one in Releases. If there is sufficient interest, we could make them available in quantities.

JWM



## 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.

EDUCATORS GUIDE TO FREE GUIDANCE MATERIALS. 1968 \$7.50. Educators Progress Service, Randolph, Wisconsin 53956.

"This GUIDE has been developed as a basic resource for aiding counselors and teachers...

This seventh edition lists, classifies and provides complete information on titles, sources, availability and contents of 570 films, 74 filmstrips, 87 tapes, scripts and transcriptions, and 282 other materials. . a total of 1,013 selected free items, of which 380 are new and starred(\*)."

EDUCATORS GUIDE TO FREE HEALTH, PHYSICAL EDUCATION, RECREATION MATERIALS. 1968. \$8.00. Educators Progress Service, Randolph, Wisconsin 53956.

"This (first) edition marks the initiation of another new EPS service based on the cross-media approach in teaching. .

"This first edition lists, classifies and provides complete information on title, sources, availability and contents of 994 films, 104 filmstrips, 13 sets of slides, 31 tapes, 59 scripts, 46 transcriptions, and 413 other materials -- a total of 1,660 selected free items.

"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."

MIDWEST FARM PLANNING MANUAL. Sydney James. 1968. \$5.95. Iowa State University Press, Press Building, Ames, Iowa 50010.

"The Midwest Farm Planning Manual, 2nd edition, is assembled and punched for insertion in your three-ring binder.

"The material in this manual has been prepared primarily for use by college students in farm budgeting and programming assignments. Other farm planners may find the contents useful also.

". . . the emphasis in this manual is toward presenting the results of laboratory research and on-the-farm research which may provide useful input-output coefficients as guides for farm planning."





## AGRICULTURAL EDUCATION NEWS

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

Updating Placement Credentials. Much of the information in the files of the Educational Placement Office is out of date and incomplete. Many candidates have not updated the personal, employment, and academic data since they first filed their credentials with the Educational Placement Office. Many confidential statements were written by persons who are now deceased. The Educational Placement Office urges each candidate, active and inactive, to update his placement credentials.

AJM

Placement Report. There are no candidates actively seeking employment in the file of the Educational Placement Office. Three candidates will be available in January, 1969. There are, at present, no vacancies in high schools and one vacancy in a junior college.

AJM

Pilot Programs in Landscape and Grounds Maintenance. Naperville and Joliet West high schools are again serving as pilot program centers for a landscape and grounds maintenance program. Mr. William Hills, agricultural occupations teacher at Naperville, has 14 students enrolled in a beginning course and three students enrolled in the advanced course which is a part of his inter-related class.

At Joliet High School, west campus, Mr. Cottingham has 14 students enrolled in a beginning course and four students in the advanced course.

Placement-employment programs and supervised experiences in a school greenhouse are important features of the pilot programs. A recommended procedure for high schools to follow in planning and organizing a two-year program in landscape and grounds maintenance will be developed during the 1968-69 school year.

PEH

Freshman Entrance Requirements in the Agricultural Education Curriculum. The agricultural education division in a continuing effort to attract qualified students to enroll in the agricultural education curriculum takes this opportunity to list the entrance requirements for the College of Agriculture, University of Illinois. A freshman, to be considered, must present a minimum of 15 units of high school credit with a minimum of three units in English, one unit in algebra, one in plane geometry, and one or more units in at least three of the following: one additional unit in English; two units in one foreign language; science (not general science); social studies; additional mathematics (beyond algebra and plane geometry). It should be noted that there is no requirement to have a foreign language; rather it is only one of the alternatives a student may choose. A student to be considered for admission should be in the upper one-half of his high school class.

JFB



College of Agriculture Student Guest Day. Ninety people attended the two sessions at the Agriculture Student Guest Day, University of Illinois, Saturday, September 28, designed for students interested in preparing to teach or in agricultural extension work.

Dr. Ernest Anderson, Agricultural Extension, and Kenneth Knell, Agricultural Education, co-sponsored the two sessions.

Other members of the staff and club presidents helping with the interest groups were Dr. Walker and Dr. Williams of Agricultural Education, Mike England, Galva, president of the Cooperative Extension Club, and Steve Phipps, Chrisman, president of the Agricultural Education Club.

KWK

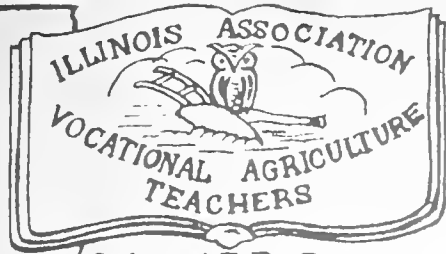
Student Teaching Assignments. Ten student teachers will be placed in cooperating centers on November 4 to start their student teaching experience program. The names of these student teachers, their home high schools and former agricultural occupations teachers, and their cooperating centers are as follows:

<u>Student Teacher</u>	<u>Home High School</u>	<u>Former Teacher</u>	<u>Cooperating Center</u>
Stephen Johnson	Maroa	Melvin Nicol	Beason
Ron Smith	Stonington	Evan Allen	Beason
Bill Wills	Forman	Albert Liehr	Belvidere
Charles Unger	Lincolnwood	William Doerr	Champaign
David Monti	Carlinville	Stanley Klaus	Clinton
Dennis Wilson	Newton	Dwight Mobley	Clinton
Tom Weber	Mt. Carroll	Elmer Gerlach	Harvard
Larry Miller	Plymouth	Loren Akers	Harvard
Ken Hodel	Roanoke	Eldon Witt	Herscher
		Max Tessier	
John Rowe	Harvard	Don Barrett	Herscher
		Robert Iftner	

PEH







# IAVAT NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

Dedicated To The Education  
Of Rural America

Affiliated With I.V.A.-A.V.A.-N.V.A.T.A.

Recent statistics collected by the U.S. Office of Education show that 38% of 105,000 students completing high school vocational agriculture in 1966 continued their education in college or in post-secondary vocational programs.

Thirteen percent entered the armed forces and about 5% are unaccounted for. Of the remaining group (about 46,822 students), 67% were placed in agricultural occupations including farming; 25% entered jobs not closely related to their training; 5% were employed part-time, and 3% were unemployed.

It turns out that by eliminating those students who entered the armed forces and those unaccounted for, there were 85,189 high school graduates to be considered in determining the effect of their vocational agriculture education. Of these, 71,875 either continued school or entered an agricultural occupation--nearly 85% of the graduates.

There are 23,000,000 jobs in agribusiness (farming and related fields) - 7,000,000 on the farm, 16,000,000 off the farm. Many of these jobs go begging.

Why? Because young people are settling for jobs below their highest capacities, and because not enough high school graduates are studying agriculture in universities.

Yet what you eat tomorrow may well depend upon filling all these jobs with trained, competent men and women who can produce and process the food requirements of an exploding national and world population.

What can you do about it? Has the concept of status occupation in the opinions of educators, youth, and parents influenced decisions in education? In a world where scientific knowledge doubles every ten years, an outdated and outmoded educational philosophy of past decades is obsolete. Education for the wage earner and non-college bound is an absolute must. Education for the wage earner must be as important as education for appreciation of literature of another century. Employers do not ask "Have you gone to high school?" "What have you learned that I can use if I employ you?" This is the question of today. Each student must possess a salable skill to compete in today's labor force.

Your function today is to provide quality education. The tool has been given you in the Vocational Education Act of 1963. A study of this Act reveals that it is directed toward people--not subject areas or any intellectual level--but all people who need occupational skills below the professional or baccalaureate degree. The details are left to you, the educator. Quality education for non-college bound youth must be designed to meet their needs, purposes, and objectives. Otherwise it is not quality education. These youth rarely lack ability, but usually lack motivation. They rarely lack time to acquire skills but often lack the challenge.

Success in school is important. Success comes from the ability to perform skills and from confidence instilled by building one success upon another. Quality education results from a balanced curriculum of vocational and general education courses and a teacher willing to devote the extra time required to provide the motivation and challenge. You have the tool in the 1963 Act and are now limited only by your own imagination. You can provide the quality education so badly needed by our youth. Agriculture's opportunity lies in Option III. Survey your community and begin a course.



The Editor and Business Manager of The Agricultural Education Magazine report that 70 percent of the agricultural occupations instructors in Illinois did not subscribe to our professional journal in 1967-68. Are we doing any better in 1968-69? The Agricultural Education Magazine is the only professional journal in agricultural education. Each of us should subscribe to it, read it, and write for it.

One mark of a professional is that he keeps up to date professionally and technically. For only \$3.00 per year The Agricultural Education Magazine brings to teachers the latest information about new programs and activities and new developments in agricultural education. Many of the articles are written by teachers of agriculture. A feature of each issue is the "News of NVATA" column written by Jim Wall, our Executive Secretary. Each issue is devoted to a particular theme so that during the year all phases of a complete agricultural occupations program are included. For example, there have been recent issues on teaching and instructional materials, technical education in agriculture, adult education, FFA, supervised occupational experience, evaluation, and programs for persons with special needs.

I urge each of you who do not subscribe to The Agricultural Education Magazine to do so. Many of us include the subscription in our IAVAT package dues. For those who did not include the subscription with their 1968-69 dues, why don't you do one of the following:

1. Write a check for \$3.00 to The Agricultural Education Magazine, fill out the form below, and send both to the Business Manager.
2. Request that your school pay for the subscription. In that case, fill out the form below and request that the school submit the order to the Business Manager.

SHOULDN'T THERE BE MORE THAN 30 PERCENT OF THE AGRICULTURAL OCCUPATIONS INSTRUCTORS IN ILLINOIS SUBSCRIBING TO THE AGRICULTURAL EDUCATION MAGAZINE?

-----

TO: T. L. Faulkner, Business Manager  
THE AGRICULTURAL EDUCATION MAGAZINE  
Vocational Division  
State Department of Education  
Montgomery, Alabama 36104

Enclosed is \$3.00 for a one-year subscription to The Agricultural Education Magazine.

Make checks payable to The Agricultural Education Magazine; remittance must accompany order.)

Name \_\_\_\_\_

School \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State Illinois Zip Code \_\_\_\_\_



A special committee meeting is scheduled at AVA Headquarters in Washington, D.C. on October 2 for the purpose of discussing the deteriorated situation in the USOE in relation to Vocational Education. Dr. Ralph Bender, AVA Vice President for agriculture, has named Ralph Guthrie and James Wall to represent agriculture at the meeting.

\*\*\*\*\*

November 22-28 are the dates for National Farm-City Week. The theme is "Tomorrow's Food and Fiber--Everybody's Business." For information on the Farm-City program Farm-City Week, and what you can do to help, write to---National Farm-City Committee, Inc., Kiwanis International Building, 101 East Erie Street, Chicago, Illinois 60611.

\*\*\*\*\*

### Section 17 News

Richard Long was elected sectional chairman of section 17 to replace Lowell Hillen who has become a Director of District IV.

Section 17 Land Use contest was held Tuesday, October 8, at Arcola. Tuscola, T. R. Miller instructor, had the winning team.

Section 17 Leadership Training School was held August 20 at Lake of the Woods near Mahomet. Jim Johnson, FFA State Vice-President, opened the meeting with an inspiring speech to new officers.

Carl Hart, Public Relations  
Section 17

\*\*\*\*\*

### Section 3 News

September 4, Section 3 held its annual fall meeting at Kewanee High School.

Charles Pearson presented a report concerning the problems and concerns in the IAVAT in connection with the handbook. He also announced that in the near future we would be hosting NVATA Conference.

Eldon Aupperle, agriculture instructor at Black Hawk East College announced the different programs being conducted at the college.

Section 3 instructors are happy to welcome the following into their organization:

Lanny Anderson - born and reared on livestock-grain farm near Cambridge. Graduated from Cambridge High School in 1959, University of Illinois in 1963 with B.S. in agricultural education. In 1963 he began teaching in Easton, Illinois and continued teaching until September 1, at which time he joined the staff at Black Hawk. While at Easton, Lanny completed his Masters of Education at the University of Illinois in 1968.

While attending high school Lanny had Mr. Allan Utech as his agricultural occupations instructor. Lanny has been married for 4 years and he and his wife Marilyn have no children.

Larry Durham is the next new instructor in Section 3. Larry graduated in January 1968 from Illinois State and instructed the remainder of the year in the West Chicago area.

Larry's home is Walnut and he was a student under Dale Baxter. Currently Larry is instructing in Western (Buda), also in Bureau County.

Larry notes that he is single and is real happy to be back in rural America as opposed to the Chicago area.



Tom Nicholson is the third new instructor in Section 3. Tom and his wife Carol are from Kewanee. Tom had Marvin Damron as his agricultural occupations instructor.

Currently Tom is instructing at Orion High School in Henry County.

He received his B.S. Degree from Illinois State University in 1967 and his Masters Degree from the U. of I. in 1968.

Congratulations to all three new instructors in Section 3. We are happy to have them.

Daniel W. Bock, Public Relations  
Section 3

\*\*\*\*\*





(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	<u>Item</u>
_____	\$ .05	_____	Colored Picture Sheet No. 10, Common Fruit Insects
_____	2.50	_____	Estate Planning Packet
_____	1.25	_____	Concrete Masonry Visuals
_____	_____	_____	_____
_____	_____	_____	_____

Name \_\_\_\_\_ School \_\_\_\_\_

Address \_\_\_\_\_ Billing \_\_\_\_\_

(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

COMPOSITE ORDER

I wish to order the following, to be delivered as soon after December 1 as possible:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	<u>Item</u>
_____	\$2.25	_____	1968 National Electrical Code
Name _____			School _____
Address _____			Billing _____

(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

I am interested in attending a training course on the use of the Engine Analysis Kit, if one can be held in my area.

Signed \_\_\_\_\_

Address \_\_\_\_\_



INDEX TO ITEMS IN VO-AG SERVICE SECTION

	<u>Page</u>
Breaker Points Resistance Test - Small Engines . . . . .	4
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Concrete Masonry Visuals . . . . .	4
Colored Pictures of Insects . . . . .	2
Engine Analysis Kit Schedule . . . . .	1
Estate Planning Packet . . . . .	2
FFA Roadside Signs . . . . .	4
For High School Counselors . . . . .	2
New Books . . . . .	5
New Bulletins and Circulars . . . . .	1
1968 National Electrical Code . . . . .	3
Seneca Club Calf Sale . . . . .	2
Swine Housing and Equipment Handbook . . . . .	4
Training Courses, Engine Analysis . . . . .	4



## PRICE LIST OF FEEDS<sup>1/</sup>

Prices for some of the feeds used in supervised experience programs are listed below for students obtaining their feed at home. Purchased feeds can be recorded at prices paid.

Kind of feed	Oct. 16
Corn, shelled, bu. (new) . . . . .	\$ .92
Corn, ground shelled or ear corn, bu. . . . .	1.02
Oats, bu. . . . .	.59
Oats, ground, bu.. . . .	.69
Barley, (feed) bu.. . . .	.82
Barley, ground or rolled, bu. . . . .	.92
Grain sorghum, cwt. . . . .	1.60
Grain sorghum, cracked, cwt.. . . .	1.70
Whole milk, mfg. grade, cwt. . . . .	3.90
Corn silage, ton . . . . .	9.00
Sorghum silage, ton. . . . .	8.00 <sup>2/</sup>
Haylage, ton . . . . .	14.00 <sup>2/</sup>
Clover and mixed hay) All hay and straw prices . . . . .	21.00
Alfalfa ) are for baled. Figure . . . . .	23.00
Oat or wheat straw ) loose at \$5 less per ton . . . . .	16.00

<sup>1/</sup> Prepared in cooperation with the Department of Agricultural Economics.

<sup>2/</sup> Or convert to dry hay equivalent containing 90 percent dry matter.

<u>Pasture Rates</u>	<u>Cost per day</u>
*Calves and colts:	
6-11 months	\$.06
12-24 months	.09
over 24 months	.12
Lambs to weaning	.01
Sheep - yearlings	
and mature	.025
Pigs, 50 to 100 lbs.	.005

\*Reduce by 2/3 for full-fed cattle  
 \*Reduce by 1/3 for limited fed cattle

**VOCATIONAL AGRICULTURE SERVICE**

**University of Illinois - College of Agriculture**

**434 MUMFORD HALL - URBANA, ILLINOIS 61801**

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# VOCATIONAL - AGRICULTURE

# AIDS

Volume 27, Number 5

December 1968

THE MOUNTAIN  
JAN 13 1969  
UNIVERSITY

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State Board of Vocational Education and Rehabilitation



State of Illinois  
BOARD OF VOCATIONAL EDUCATION AND REHABILITATION  
Vocational and Technical Education Division  
405 Centennial Building  
Springfield 62706

December 1968

Vocational Agriculture Dates and Activities to Remember

December 31	Complete Records of Students' Supervised Experience Programs
February 15	Annual Supervised Agriculture Experience Program Summary Report to State Office, Springfield
February 15-22	National FFA Week
February 27, 28 & March 1	Illinois Vocational Association Meeting, Peoria
March 3	Selected FFA Foundation Awards Winners Reported to State Ofc., Springfield
March 26	District FFA Foundation Awards
March 29	State Vocational Agriculture Meat and Milk Judging Contest, Urbana
April 2	District FFA Public Speaking Contests
April 15	State Farmer Applications to State Office, Springfield
April 15	American Farmer Applications to State Office, Springfield
April 19	State FFA Foundation Awards Meeting, Urbana
April 26	State FFA Extemporaneous Public Speaking Finals and Preliminary State FFA Prepared Public Speaking, Springfield
May 1	Completed FFA Program of Work to Sectional Vice-President
May 3	State Vocational Agriculture Livestock, Dairy, Poultry, and Grain Contests, Urbana
June 1	Annual FFA Report to State Office, Springfield
June 10-12	Annual State FFA Convention, Urbana
June 11	State FFA Finals Prepared Public Speaking, Urbana
June 16-19	Annual Conference Vocational Agriculture Teachers, Urbana



Engine Analysis Kit Schedule. The December and January schedule for engine analysis kits is given below. Please let us know if the information given for your school is not correct.

Section	3 weeks	4 weeks	2 weeks	3 weeks	4 weeks	2 weeks
	12/2-12/20	12/16-1/10	12/23-1/10	1/6-1/24	1/20-2/14	1/20-1/31
1	Dakota			Stockton		
2	Tampico			Milledgeville		
3		Kewanee			Galva	
4	***			Monmouth		
5	Sparland			Wenona		
6		DeKalb			Marengo	
7			Earlville			Mendota
8	Yorkville			New Lenox		
9	Lexington			Fairbury		
10	Clifton			Onarga		
11	Nauvoo, Augusta			Plymouth	Bushnell	
12	Astoria			Avon		
13	Pittsfield			Mt. Sterling		
14	Ashland			Beason		
15		***			***	
16	Mt. Zion			Monticello		
17		***			Mahomet	
18	Chrisman	Bismarek, Jamaica				
19	Hillsboro			Findlay		
20	Altamont			Charleston		
21			Centralia			Ramsey
22	Red Bud			Steeleville		
23	Lawrenceville			Olney		
24		Sesser			Munphysboro	
25	Mill Shoals			Golconda		

JWM

\*\*\*Kit scheduled in another section

First-Come, First Served Admissions at the University of Illinois. The following statement on a change in admissions policy was furnished by Dean Karl E. Gardner

"The University of Illinois Selective Admissions Policy for some years has had three notification periods, wherein students with the highest rank and ACT scores were admitted in the first period, a second group admitted in the second period and the lower-ranked students in the third period. This has been changed for fall 1969 entrants.

"The University of Illinois is simplifying its admissions policy, effective immediately. This means that any student whose pattern of high school subjects, high school rank, and ACT score meet the minimum requirement will be admitted as fast as his application can be processed. Students whose applications were received before November 1, 1968 will be notified December 4, as to their acceptance. After that date applicants will get an answer as soon as possible rather than having to wait until a later admission period.

"This means that students who plan to enter the College of Agriculture in the Fall of 1969 should get their applications in IMMEDIATELY. When all spaces are filled, the door will have to be closed due to insufficient space to handle all comers."

"Will you please make this clear to parents, prospective students, and others who should know?"

KEG/JWM



1968 Yearbook of Agriculture. Our attention has been called to the 1968 Yearbook of the U.S. Department of Agriculture entitled "Science for Better Living." You may obtain a copy by writing to your Congressman or Senator as in the past.

RLC

Custom Spray Operators Training School. According to information sent to us by Professor H. B. Petty, the Twenty-First Annual Custom Spray Operators Training School will be held on January 22 (Wed.) at 10:00 a.m., to January 23 (Thurs.) at 12:30 p.m., 1969. The program will be held in the Illini Room, Illini Union Building, Urbana. If you are interested in attending, please let us know and we will see that you receive a program.

RLC

Market Hog Judging Contest. Professor G. R. Carlisle of the Animal Science Extension staff has given us the following information:

"A new feature of the Illinois Spring Barrow Show, February 8, at Springfield, Ill., is a market hog judging contest for FFA and 4-H members. Prizes will be awarded to winning individuals and teams of three members. Further details will be found in the show premium list, which will be available after January 1 at county extension offices, or by writing Prof. G. R. Carlisle, Dept. of Animal Science, University of Illinois."

WHW

Crop Seed Samples. By action of the IAVAT Judging Contest committee, approved by the Executive Committee, seven new crop seeds will be added to the list for identification at the state judging contest next spring. They are:

vetch	perennial ryegrass
sugar beets	tomatoes
sweet corn	popcorn
pumpkin	

Crimson clover is to be deleted. The Agricultural Education Club has made sets of crop seed samples available each year for the past three years on an advance order basis. This year, they propose to prepare samples of the seven new crop seeds to be added to the sets previously purchased, if there is sufficient interest. They can also make complete sets of the 30 samples that will be used in the contest if schools wish to purchase them. The exact price has not been determined but would probably be about \$1.00 for the set of 7 samples and \$3.75 for the complete set of 30. If you are interested, please fill out and return the tear sheet order form. Samples should be ready sometime in January.

JWM

Corn Conditioning Conference. Dr. Gene Shove of the department of Agricultural Engineering informs us that a Corn Conditioning Conference has been scheduled for January 8-9 at the Union Building on the University of Illinois campus. This conference is being sponsored by Agricultural Engineering, Illinois Farm Electrification Council, Cooperative Extension and University Extension. A program of this conference is being sent to all agriculture occupations teachers in Illinois. If received from the printers in time, it will be included with the issue of the AIDS. Otherwise, you will receive it in a special mailing soon.

JWM





# AGRICULTURAL EDUCATION NEWS

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

Correction on the Freshman Entrance Requirements in the Agricultural Education Curriculum. In the November AIDS the entrance requirements for freshmen entering the Agricultural Education Curriculum at the University of Illinois were listed. The requirements were listed to emphasize the fact that a foreign language was not required for entrance. We failed to state that we want persons who plan to enter the agricultural curriculum to enroll in high school agricultural occupations courses. We would also favor their having occupational experience in option 2 or option 3. We apologize for this important item being omitted.

JFB

Color Slides Developed by the Professional Personnel Recruitment Committee of the NVATA. The Professional Personnel Recruitment Committee of the NVATA has developed a set of 30 colored slides entitled "A Bright Future for You Teaching Vocational Agriculture." The set with a script can be purchased for \$3.80 postpaid from "World in Color," Elmira, New York. The slide set includes pictures from six different states and gives a "behind the desk" account of teaching. The slide set would be a good resource for providing a stimulating FFA meeting this fall and should be an excellent way to interest students in the possibilities of teaching agriculture.

JFB

National Student Teachers' Conference. Nine student teachers from the University of Illinois attended the National Student Teachers' Conference and the FFA Convention in Kansas City, October 16-18. Highlights of the student teacher conference were an NVATA coffee hour, an inspirational address by Mr. Oscar Brown, agricultural occupations instructor at Salem, Missouri; a dinner sponsored by Farmland Industries; a symposium on the problems of the young teachers with Carl Hart, agricultural occupations instructor at Mahomet, Illinois, participating; and a panel discussion entitled "Exemplary Programs in Agriculture." Eldon Witt, agricultural occupations instructor at Roanoke, Illinois, served on the panel. The class also attended several sessions of the FFA Convention. Stephen Johnson served as delegate to the National Alpha Tau Alpha Conclave. The group was accompanied to Kansas City by Dr. Robert W. Walker and Dr. David Williams.

RWW

Microteaching Experiences for Student Teachers. Student teachers at Clinton, Beason, Belvidere, and Harvard saw themselves teaching on television while they were at their cooperating centers. Portable video tape recorders were transported to the four cooperating centers so the teaching performances of student teachers could be taped. At the close of the school day the student teachers and the cooperating teachers viewed the tapes and analyzed the performance of the student teachers.

The use of video tapes to record the teaching performances of student teachers is a part of a research project conducted by Professor Henry Sredl, Department of Vocational-Technical Education, University of Illinois. Dorr Simer, Don Barrett, and Don Prather, cooperating teachers





of agricultural occupations attended a campus workshop on November 1 and received instruction on the operation of the portable video tape recorders. The use of video taping equipment and microteaching experiences is a promising innovation in teacher education.

PEH

Enrollment in the Extramural Course for First Year Teachers of Agricultural Occupations---VOTEC E370. A total of 55 teachers of agricultural occupations are enrolled in this extramural course designed to assist first year teachers in planning and implementing an effective agricultural occupations program in their respective high schools. This course, because of its flexibility, continues to meet the changing needs of the teachers who enroll. The following agricultural occupations instructors enrolled in the Eastern and Southern areas of Illinois are taught by Dr. Hollie B. Thomas, Frank Bobbitt, and Alfred Mannebach:

John Abell	Teutopolis	William Hornback	Chrisman
Roger Behrends	Teutopolis	Frank Knight	St. Francisville
Robert Cobb	Lawrenceville	Ronald Kruse	Columbia
Robert Dow	Cisne	George Leighty	Beecher City
Roger Ellis	Cerro Gordo	Everett Moeller	Ridge Farm
James Engelhardt	Campbell Hill	Tom Nikrant	Ashley
John Grant	Marion	Mervin Peters	Sullivan
Larry Greenwood	Neoga	James Pflasterer	Red Bud
Vernon Gwaltney	Mattoon	Robert Rathe	Toledo
Sidney Haney	Tamaroa	James Richison	Alto Pass
Dave Sutton	Patoka	Ronald Sanderson	Hutsonville
Gene Trotter	Allendale	Kent Saxe	Clay City
Ron Wesbecher	Ellsworth-Downs	James Stevens	Jamaica
Kyle Wittler	Tolono		

The following agricultural occupations instructors enrolled in E370 in the Northern area of Illinois are taught by Dr. David Williams:

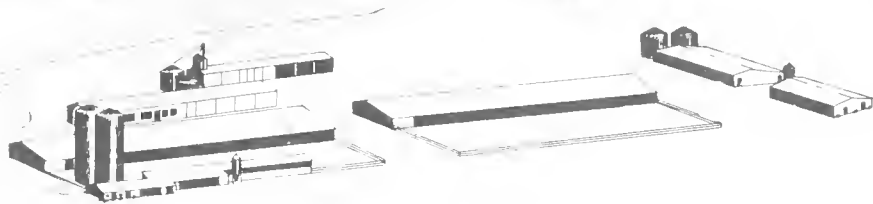
Dennis Bowman	Odell	John Lyons	Minooka
Charles Cyr	Peotone	Tom Nicholson	Orion
Ray Defenbaugh	Cornell	James Robinson	Henry
Larry Durham	Buda	John Rowley	Hampshire
Jerry Eames	Genoa	Seth Sleezer	Mazon
Kenneth Johnson	Woodland	Martin Thornton	New Lenox
John Kennedy	Paw Paw		

The following agricultural occupations instructors enrolled in E370 in the Western area of Illinois are taught by Kenneth Knell:

George Blankenship	Hillsboro	Douglas McCaw	Little York
Gerald Buckman	Sciota	Ralph Matheny	Bardolph
Michael Donnan	Ashland	Merlyn Raber	Havana
Timothy Hardiman	Edinburg	Ronald Riffey	Girard
Charles Heavener	Barry	James Sanford	Chatham
Richard Jenkins	Bushnell	Paul Short	Buffalo
Alvin Lamar	Hopedale		

HBT, KWK, DW





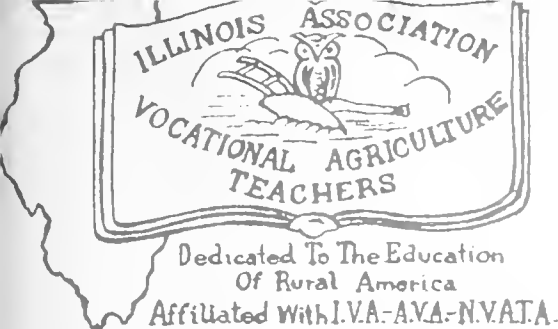
## AGRICULTURAL EDUCATION NEWS

Student Teachers for the First Semester. Twenty-five students from Illinois State University reported to their student teaching centers on November 12, 1968, for nine weeks of student teaching. The students will complete their student teaching assignment on January 22, 1969. Names of the student teachers and other data regarding their agriculture occupations background and availability for positions are as follows:

<u>Student</u>	<u>Home High School</u>	<u>High School Agr. Occupations Instructor</u>	<u>Student Teaching Center</u>
Ackerman, Ronald	Chenoa	Arthur Johnson	Naperville
*Benson, Kent B.	Rochelle	Glen W. Curl	Polo
Brown, Roger I.	Forrest-Strawn-Wing	Keith E. Wehner	Seneca
*Brucker, Paul	Fairbury-Cropsey	Gayle Wright	Mt. Pulaski
*Conner, John R.	Galva	David Moore	
Cope, Gary C.	Octavia	Clifford Yoder	Yorkville
*Elliot, Dennis	Central Senior H.S.	Wilbur Liehr	DeKalb
Gratton, Melvin	Galena	Thomas R. Miller	New Lenox
Hefner, Stephen	Octavia	Maynard Boudreau	Maroa-Forsyth
Herrman, Gary	Forman	Wayne R. Pillen	Washington
Herrman, Larry	Forman	Thomas R. Miller	Flanagan
*Heyen, Rudy, Jr.	New Holland-Middletown	Albert Liehr	Oregon
Howard, Robert D.	Litchfield	Albert Liehr	Dwight
Hunter, William	Salem	Oscar Ingram	
Hurliman, Aaron	Cissna Park	Donald Miller	Wapella
*Lockhart, Mark	Wellington	Paul Hillis	Litchfield
McCall, Keith	Lanark	Robert Cone	New Lenox
Pickens, Alan D.	Morrison	Roland Meyer	
Pool, Richard	Avon	Donald Whitten	Farmer City
*Sprout, Maurice	Warren	Eugene Patchett	
*Stengel, Robert	Mt. Morris	Henry Slinker	
Swartz, James A.	Reddick	Harold Konrad	
Thiel, Harold H.	Flanagan	C. J. Siehta	El Paso
Van Hovel, Timothy	Milford	Robert Liehr	Dixon
		Larry Melhouse	LeRoy
		Ralph Harmon	
		Eldon Aupperle	Normal
		Melvin Burkhalter	Kirkland
		Myron Langhorst	Mendota
		Howard Cotter	Eureka
		Ralph Goodman	Sycamore

\*Available for positions January 23, 1969





# IAVAT NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

The Vocational Amendments of 1968 was passed by the Senate on October 2 by a vote of 58-11 and by the House on October by a voice vote. The measure was signed into law by President Johnson on October 16. The measure provides for the appointment of a 21 man National Advisory Council and any state desiring to receive funds must appoint a State Advisory Council. State Councils will be appointed by the Governor of the State. It is important that the IAVAT remain alert and recommend to proper authorities the names of people who will properly represent agriculture on our State Advisory Council.

Burdette Graham and the Section Legislative Chairmen need to be congratulated for their promptness in alerting agriculture occupations instructors to the urgency of this bill. I recommend we each write our contacts in legislation and thank them for their support. We must not become pegged as a group that cries "wolf" only when we are in trouble.

No doubt the strength in vocational education--at the present time--lies with our leadership in the states and local communities. It is important we continue to implement the Vocational Act of 1963 and now the 1968 Amendments. Now is not the time to sit back in our easy chairs and dream of the good times which we hope are coming. Now is the time to act. Your letters to congressmen have caused many favorable comments towards agriculture to be placed in the Congressional report. Let's support our congressmen by developing the quality program in each community that is so needed at this time.

\*\*\*\*\*

Members of your Executive Committee are busy planning their schedules so they may attend the National Convention in Dallas. This convention promises to be an informative, exciting and very important event. At this time, all members of the Executive Committee as well as IVA President Charles Schettler, Region 4 Alternate Vice President E. L. Rice, and Jim Guilinger are planning to be in attendance. Special attendance and recognition will be given to R. E. McCormick, Rock Falls, who will receive a \$500 cash award presented by Charles Pfizer Company as the advisor of the national winner in the Poultry Foundation Award. Our special congratulations are extended to Royal McCormick.

We are always fortunate that the State of Illinois is always well represented by our able men from the State Office and our teacher training institutions.

\*\*\*\*\*

IAVAT members Orval Floyd, Milton Renaud, and E. L. Bosomworth attended a Citizens Conference on Man-Work held in Chicago October 11 and 12. The conference was one of six regional conferences held throughout the United States and was designed to bring together representatives of business, labor, education, government, and other interested groups for a discussion of the 1968 Report of the National Advisory Council on Vocational Education.

The Council's report is a significant statement about national needs for education and training for employment and makes important recommendations. The conference provided opportunity for informed discussion about the issues raised in the report.



The conference was sponsored by the Center for Studies in Vocational Education, University of Wisconsin, under a special grant from the Ford Foundation and in cooperation with the University of Illinois.

Ideas gained at the conference will probably show up in the IAVAT session of the IVA Convention in Peoria.

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## SECTION 23 NEWS

We wish to extend a warm welcome to five new teachers in Section 23. They are Robert Dow teaching at Cisne, Frank Knight at St. Francisville, Robert Cobb at the Ambraw Valley Area Vocational Center and Lawrenceville, Kent Saxe at Clay City and Eugene Trotter who is teaching at Allendale.

All five are first year teachers of agriculture and all but Robert Cobb are graduates of Southern Illinois University's Agriculture Education Department. Bob is a University of Illinois graduate.

.....

In addition to this being the first year of teaching for Gene Trotter of Allendale, Gene and his wife are also the proud parents of their first child, a girl named Dotie Gale.

Bob Wheeler of Flora, obviously an "experienced" teacher, and his wife have a recent second addition. He is Gregory Wayne Wheeler and was born on October 26. He's a fine compliment to sister Lori.

Congratulations to both the Trotters' and the Wheelers'

.....

Grover Burkett, Section 23 Chairman, and Frank Barbre, Section 23 Legislative Chairman, sent telegrams to area Congressman George Shipley urging passage of the recent vocational education bill. We feel Burdette Graham, the sectional chairman, district directors, and state IAVAT officers should be commended for their efforts to keep our congressmen informed of our agriculture occupation needs.

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Seven Section 23 agriculture occupation teachers are presently serving as ex-officio and resource members of the Ambraw Valley Area Vocational Centers' Agriculture Advisory Committee. Teachers serving are Eugene Trotter, Allendale; John Baker, Bridgeport; Frank Barbre and Robert Cobb, Lawrenceville; John Hillison, Mt. Carmel; Frank Knight, St. Francisville; and Burton Shan of Sumner.

Agriculture courses presently being taught in the area center are Agriculture Power Technology and Agriculture Supply and Service.

Participating schools in the Ambraw Valley Area Center presently include Allendale, Bridgeport, Lawrenceville, St. Francisville, and Sumner.

Frank Barbre, Public Relations  
Section 23

\* \* \* \* \*

## SECTION 22 NEWS.

Leland Wells of Nashville was elected sectional chairman to succeed Edward Mobley of Freeburg.

Don Hobbs of Marissa was elected sectional secretary-treasurer to replace William Bekdon.





Section 22 Leadership Training School was held at Red Bud on September 25. Don Lehmann, FFA State President was the guest speaker.

Section 22 Land Use Selection Contest was held on October 4 at Marissa. Marissa, Don Hobbs, had the winning team.

Section 22 Parliamentary Procedure Contest was held at Marissa on November 13.

Section 22 Poultry and Grain Show will be held on December 7 at Columbia.

Steve Hammel of Wesclin FFA Chapter won a jacket at the National FFA Convention in Kansas City by identifying 9 out of 12 crop seeds exhibited in the Career Section.

Ron Kruse, 1968 ISU graduate, has been added as a second teacher of agriculture at Columbia. He will be working with Walter Monke.

Roy Heldebrandt is the new agriculture occupations teacher at Chester High School. He formerly taught at Bowen High School.

Tom Nikrant, 1968 SIU graduate, is the new agriculture occupations teacher at Ashley High School.

James Pflasterer, 1968 SIU graduate with an MS in plants has replaced William Beldon in the two-teacher department at Red Bud.

Allen Strieker, Public Relations  
Section 22

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## SECTION 2 NEWS:

Norman Spencer, Assistant Professor at Sauk Valley College, formerly employed by Agrico at Fulton as agronomist, welcome to Section 2. He is hired to teach full-time in Soils, Fertilizers, and Agriculture Chemicals.

Births: Tom Hammer, Erie, a daughter (Sheri Lee) born July 26.  
Gene Morman, Prophetstown, a daughter (Jeanette Ann) born June 7.

Bob Liehr, President of Lions Club at Morrison, attended the International Lions Convention at San Antonio, Texas and visited Hemisphere '68.

John F. Kennedy is the new teacher at Paw Paw. Jack is a '64 graduate of Seneca. He graduated from the University of Illinois in 1968.

Hugh Senneff is the second agr. teacher at Thomson. He is the past agr. teacher at Milledgeville and a graduate from the University of Illinois in 1942.

Section 2 fall meeting held at Dixon. Elmer Gerlach has resigned as Section 2 Fair Manager. He is to be congratulated for a job well done. Thanks for all the time. New managers Tom Hammer and Gene Morman.

R. E. McCormick has 48 students enrolled in his Ornamental Horticulture class. Agriculture is not dead.

Al Tieken has a class in Agri-Urban-Living for EMH students.

Student teachers at Dixon are Alan Pickens, Morrison, and Jerry Douglass, McLean. They are both from Illinois State University.

Mr. and Mrs. Art Schick spent a month visiting their daughter and son-in-law in West Germany. While overseas, Art visited the towns that the Army outfit he was in, fought through and occupied during World War II. They also visited Belgium, Holland, Austria, Italy, Switzerland, France and England.

Al Tieken, Public Relations  
Section 2



(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

COMPOSITE ORDER

Please record my order for the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	
_____	\$1.00*	_____	Set(s) of 7 new crop seed samples.
_____	\$3.75*	_____	Complete set(s) of 30 crop seed samples.

\*Approximate price, f.o.b. Urbana.

Name \_\_\_\_\_ School \_\_\_\_\_

Address \_\_\_\_\_ Billing \_\_\_\_\_

(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

I wish to enroll in the following training course on Engine Analysis:

- Rend Lake College, Bonnie, December 7
- Lake Land College, Mattoon, December 12
- Ill. State University, Normal, December 14
- Tampico High School, Tampico, December 7

Signed \_\_\_\_\_

Address \_\_\_\_\_



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PRICE LIST OF FEEDS<sup>1/</sup>

Prices for some of the feeds used in supervised experience programs are listed below for students obtaining their feed at home. Purchased feeds can be recorded at prices paid.

Kind of feed	Nov. 18
Corn, shelled, bu. (new)	\$ 1.08
Corn, ground shelled or ear corn, bu.	1.18
Oats, bu.	.60
Oats, ground, bu.	.70
Barley, (feed) bu.	.82
Barley, ground or rolled, bu.	.92
Grain sorghum, cwt.	1.55
Grain sorghum, cracked, cwt.	1.65
Whole milk, mfg. grade, cwt.	4.00
Corn silage, ton	9.00
Sorghum silage, ton	8.00
Haylage, ton	14.50
Clover and mixed hay) All hay and straw prices	21.50
Alfalfa ) are for baled. Figure	24.00
Oat or wheat straw ) loose at \$5 less per ton	16.00

<sup>1/</sup> Prepared in cooperation with the Department of Agricultural Economics.

<sup>2/</sup> Or convert to dry hay equivalent containing 90 percent dry matter.

**VOCATIONAL AGRICULTURE SERVICE**

University of Illinois - College of Agriculture

**434 MUMFORD HALL - URBANA, ILLINOIS 61801**

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# VOCATIONAL - AGRICULTURE

# AIDS

Volume 27, Number 6

January 1969

UNIVERSITY OF ILLINOIS

JAN 13 1969

UNIVERSITY OF ILLINOIS

printed and distributed by  
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Urbana, Illinois 61801

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**Illinois State University**  
**Western Illinois University**  
**Illinois Association of Vocational Agriculture Teachers**  
**State Board of Vocational Education and Rehabilitation**

# VO-AG SERVICE

## Announcements & Notes

Telephone - Area 217 - 333-3870

New Bulletins and Circulars. Three new publications have been released this month and copies were included in the January Agricultural Releases. They are:

- Circular 990, Legal Aspects of Crop Spraying, 5¢
- Circular 991, Self-Employed Retirement Plans, 10¢
- 1969 Weed Control Guide (reprint from 1969 Agronomy Handbook), 5¢

Prices shown are for quantity distribution out of state. Illinois teachers may request in the usual manner.

JWM

Engine Analysis Kit Schedule. The January and February schedule for engine analysis kits is shown below. Please let us know if the information for your school is not correct.

Sec.	3 weeks 1/6-1/24	4 weeks 1/20-2/14	2 weeks 1/20-1/31	3 weeks 2/3-2/21	4 weeks 2/24-3/21	2 weeks 2/10-2/21
1	Stockton			Galena		
2	Milledgeville			Mt. Carroll		
3		Galva			Princeton	
4	Monmouth			Joy		
5	Wenona			Varna		
6		Marengo			Harvard	
7			Mendota			Rochelle
8	New Lenox			Dwight		
9	Fairbury			El Paso		
10	Onarga			Watseka		
11	Plymouth	Bushnell		Dallas City		
12	Avon			Farmington		
13	Mt. Sterling			Beardstown		
14	Beason			Mt. Pulaski		
15		***			Bluffs	
16	Monticello			Bellflower		
17		Mahomet			Rantoul	
18	Paris			Ridgefarm		
19	Findlay			Windsor		
20	Charleston			Marshall		
21			Ramsey			St. Elmo
22	Steeleville			Highland		
23	Olney			Bridgeport		
24		Murphysboro			Pinckneyville	
25	Golconda			Cave-in-Rock		

\*\*\*Kit scheduled in another section

JWM



Extramural Courses in Agriculture. Following is information on the courses in agriculture that will be offered extramurally during the second semester, 1968-69:

Belleville

HORTICULTURE E122, GREENHOUSE MANAGEMENT

MEETINGS: Belleville Twp. High School West, 2600 W. Main, Vo-Ag Room,  
at 6:30 p.m. on Mondays, beginning Feb. 3, 1969.

INSTRUCTOR: Mr. Donald C. Saupe

CREDIT AND TUITION FEE: Undergraduate, 3 semester hours -- \$30.00

Decatur - See Univex network courses listed below.

Freeport - See Univex network courses listed below.

Malta

AGRICULTURAL ECONOMICS E325, ADVANCED FARM MANAGEMENT

MEETINGS: Kishwaukee College, at 6:30 p.m. on Tuesdays, beginning Feb. 4, 1969

INSTRUCTOR: Associate Professor John T. Scott

CREDIT AND TUITION FEE: Graduate, 1 unit -- \$36.00

Graduate, 3/4 unit -- \$30.00

Undergraduate, 3 semester hours -- \$30.00

See also Univex network courses listed below.

Naperville

HORTICULTURE E234, NURSERY MANAGEMENT

MEETINGS: Naperville High School, 400 W. Aurora Ave., Rm. 65, at 6:30 p.m. on  
Tuesdays, beginning Feb. 4, 1969

INSTRUCTOR: Professor J. B. Gartner

CREDIT AND TUITION FEE: Undergraduate, 3 semester hours -- \$30.00

Pontiac

AGRICULTURAL ECONOMICS E331, GRAIN MARKETING

MEETINGS: Pontiac High School, Vo-Ag Room, on Thursday nights, beginning  
Feb. 6, 1969

INSTRUCTOR: Associate Professor J. R. Roush

CREDIT AND TUITION FEE: Graduate, 1 unit -- \$36.00

Graduate, 3/4 unit -- \$30.00

Undergraduate, 3 semester hours -- \$30.00

Quincy: See Univex network courses listed below.

Rock Island: See Univex network courses listed below.

Springfield: See Univex network courses listed below.

COURSES OFFERED VIA TELELECTURE AND ELECTRO-WRITER REMOTE BLACKBOARD  
ON UNIVEX NET\*

AGRICULTURAL ECONOMICS E303, AGRICULTURAL LAW

MEETINGS: At Decatur, Springfield, Quincy, Rock Island, Freeport and Malta;  
on Thursdays, 7:00 - 10:00 p.m., beginning February 6, 1969

INSTRUCTOR: Professor H. W. Hannah

CREDIT AND TUITION FEES: Graduate, 3/4 unit -- \$30.00

Undergraduate, 3 semester hours -- \$30.00

ANIMAL SCIENCE E303, PORK PRODUCTION

MEETINGS: At Decatur, Springfield, Quincy, Rock Island, Freeport, Malta,  
on Tuesdays, 7:00 - 10:00 p.m., beginning February 4, 1969.

INSTRUCTOR: Associate Professor B. G. Harmon

CREDIT AND TUITION FEE: Graduate, 3/4 unit -- \$30.00

Undergraduate, 3 semester hours -- \$30.00

\*See SPECIAL NOTE on page 3.



SPECIAL NOTE: Enrollment in Univex Network classes will be limited. If you are interested in enrolling, or receiving additional information about these courses, write for the special brochure which includes an enrollment form.

If interested in attending at Decatur, Quincy or Springfield, write to:

Walter V. Brown  
Div. of University Extension  
512 Iles Park Place  
Sixth and Ash Streets, Springfield, Ill. 62703

If interested in attending at Freeport, Malta or Rock Island, write to:

Leon A. Mayer  
Div. of University Extension  
56 Dixon National Bank Bldg.  
Dixon, Ill. 61021

JWM

Farmer's Tax Guide. The new edition of this publication is being included in the January Ag. Release packet. We understand that this item is again available from Internal Revenue offices and from the county extension advisers. We do not have additional quantities for distribution.

JHH

Income Tax Illustration Based on the 1967 Farm Record Problem. This item, based on the current problem and key available for the Illinois Farm Record Book, is included with the January Ag. Releases. It shows the results filled in on 1968 forms; thus, the 1968 tax rates are used. We do not expect to revise the farm record problem before 1970 and probably will not revise the income tax illustration before that time. In case some teachers would want to order extra copies of the illustration to show classes how the information from the problem and key would be entered on tax forms, we are including this item on the tear sheet at a price of 10 cents each.

JHH

Standards for Measures of Efficiency for 1968. The new edition is included with the January Ag. Releases. The standards are based on previous results on FBFM farms, along with the estimated effects of price changes for the year 1968. They can be used as a means of comparison with students' farming programs or with records obtained by farmers enrolled in evening classes on record keeping. Additional copies can be obtained at a price of \$.60 per pack of 10.

JHH

Profitable Corn Production Packets. The teacher's guide and subject-matter packets on "Profitable Corn Production" have been revised and are available again for your 1968-69 adult class program. The teacher's guide was included in the December Agricultural Releases. The subject-matter packets are available at \$2.50 each, plus postage. It is included on the tear sheet for your convenience.

RLC

Ag-Science Demonstrations. Directions for two new Ag-Science Demonstrations were included in the January Agricultural Releases. They are as follows: (1) Weed Control in Fencerows and (2) Studying Seed Ratios. They are included on the tear sheet for those who may wish to order and are available in packages of 10 for 15¢ per package.

RLC





Samples of Soil Amendments. We still have several sets of the soil amendment samples available. The set of 12 samples contains common potting mixtures and soil conditioners used for bedding plants. Each sample is 4 oz. in size. Leaflets describing these products and their use will accompany each order. Orders for these sets of 12 samples are available at \$3.00 each, plus postage, and they are included on the tear sheet.

RLC

Profitable Oat Production. This is a new, color, single-frame slidefilm of 39 frames that was prepared cooperatively by the Quaker Oats Company and Vocational Agriculture Service. It discusses such factors as: good cultural practices, proper fertility, weed control, and high quality seed. This slidefilm is not being sent on advance order but is available for a 25¢ handling charge, postpaid. The costs of producing this film were borne by the Quaker Oats Company.

RLC

Programmed Instruction--Rapid Rater Questions. Twelve sets of Rapid Rater questions have been sent out in Agricultural Releases this fall. One was sent in October, the others in January. They are as follows:

113 Dairy Cattle Feeding . . . . .	\$ .50
225 Agricultural Law . . . . .	.25
226 Agricultural Bus. Management--Principles That Affect Prod. . . . .	.25
227 Keeping Records of the Supervised Farming Program . . . . .	.25
415 Hunger Signs in Crops . . . . .	.50
601 Selecting Trees for Home Planting . . . . .	.25
602 Transplanting Shade Trees . . . . .	.25
603 Fertilizing and Watering Shade and Ornamental Trees . . . . .	.25
604 Insect Pests of Illinois Trees and Shrubs . . . . .	.50
605 Producing Plants by Asexual Propagation . . . . .	.20
606 Pruning Shade Trees . . . . .	.20
607 Growing Plants Indoors . . . . .	.25

These are now available for general distribution and are listed on the tear sheet order form in the back of this issue of the AIDS. The prices are for packages of 20 sets each,

WHW

First Shipment of Production Units. The first five production agriculture units are being sent to advance order subscribers. They are as follows:

1010a Managing the Beef Breeding Herd (16 pgs.) . . . . .	\$ .20
2009a Using the Illinois Farm Record Book (20 pgs.) . . . . .	.25
3029 Using the Carbon Arc Torch (12 pgs.) . . . . .	.15
3030 The Engine Cooling System (24 pgs.) . . . . .	.30
4003 Testing Soil for Phosphorus (16 pgs.) . . . . .	.20

If you have advance order and do not receive your shipment within the next week, please let us know. These units are now available for general distribution and are listed on the tear sheet order form in the back of this issue of the AIDS.

WHW

SPECIAL EVENTS: Don't forget the following:

- Grain Conditioning Conference - January 8-9, Illini Union, Urbana
- Illinois Fertilizer Conference - January 9-10, Ramada Inn, Champaign
- Custom Spray Operators' School - January 22-23, Illini Union, Urbana

RLC



Judging Contest Rules--1969. A set of the 1969 judging contest rules is included with this copy of the AIDS. Please note the dates:

March 29 - Meat and Milk

May 3 - Livestock, Dairy, Poultry, and Crops

Also, please check to see where you are assigned. All superintendents (IAVAT officers and directors) should contact the assistant superintendents ahead of the contest and work out the help problem as much as possible. Please note some changes in the state contests as listed in the IAVAT section of this issue.

WHW

Dairy Calf Sale. Professor J. G. Cash of Dairy Science Extension has asked us to announce the 21st Purebred Dairy Cattle Assoc. dairy calf sale to be held at the Stock Pavilion on Saturday, February 22, 1969. This will include calves from the 5 major dairy breeds and milking Shorthorn. A copy of the catalog will be sent to each vocational agriculture instructor in Illinois about the middle of February. If the catalog does not answer all of your questions, please contact Professor Cash or notify Vocational Agriculture Service and we will try to get the answer for you.

JGC/WHW

Crop Seed Samples. This is a repeat of the announcement made last month. We are still accumulating orders for crop seed sample sets being made up by the Agricultural Education Club. The complete set will include 30 samples, according to the revised list for identification at the State Judging Contest. They are also making up supplementary sets of the seven crop seeds that have been added as follows: vetch, sugar beet, sweet corn, pumpkin, perennial ryegrass, tomato, and popcorn. These can be added to sets previously purchased. The complete set sells for \$3.75 and the supplementary set for \$1.00. These are included again on a tear sheet at the back of this issue of the AIDS.

RLC





# AGRICULTURAL EDUCATION NEWS

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

Professor Emeritus Herbert M. Hamlin Dies. Professor Herbert M. Hamlin died suddenly at his home in Raleigh, North Carolina on December 14, 1968. Professor Hamlin came from Iowa State University to the University of Illinois as Professor of Agricultural Education in 1938. He served as Chairman of the Agricultural Education Division, University of Illinois, until his retirement in 1962. Since 1962 he has lived in Raleigh, North Carolina. Dr. Hamlin was an outstanding leader in agricultural education in Illinois and nationally. He was a prolific writer and his writings had a profound impact on the direction of agricultural education. His teaching has had a lasting effect on agricultural education in Illinois and elsewhere.

LJP

VOTEC 471. Teachers near the campus may wish to enroll in VOTEC 471, Policies and Programs in Agricultural Education, the second semester, 1968-69. The course will meet 4:30 - 6:30 p.m. on Monday nights starting February 3, 1969. Registration is January 30 - February 1. If a teacher wishes to enroll in the course and was not enrolled in the University of Illinois the first semester or during the 1968 summer term, he must submit in advance an application for admission or readmission.

PEH

VOTEC 474. Professor Paul Hemp will teach VOTEC E474 at Reddick High School on Wednesday nights starting February 5, 1969. The course will meet from 6:30 - 9:30 p.m. each Wednesday for eleven sessions. Teachers may enroll at the first meeting of the course on February 5.

PEH

Gamma Sigma Delta Recognition. The following juniors were recognized for their outstanding performance as students in the Agricultural Education curriculum, College of Agriculture:

<u>Student</u>	<u>High School</u>	<u>College Adviser</u>
William Holstine	Rockridge	Robert W. Walker
Larry Gleckler	Griggsville	Robert W. Walker
Charles Weeks	Harvard	Robert W. Walker
Jewel Kirkpatrick	Danville	Robert W. Walker
David Simms	Albion	Paul E. Hemp

RWW





## AGRICULTURAL EDUCATION NEWS

Agricultural Accident Prevention Course to be Offered at Illinois State University - Summer, 1969. The departments of Agriculture and Industrial Technology will offer, as a joint venture, a 4-week workshop dealing with Agricultural Accident Prevention during the summer of 1969. The description of the workshop is as follows:

Date: June 24-July 19, 1969

Time: 12:00-3:10 Daily

Place: 105 Turner Hall, Illinois State University, Normal, Illinois

Credit: 4 semester hours; graduate hours will be credited to individuals admitted to graduate school.

Course Content: The philosophy of accident prevention and the need for such training in Agriculture; major areas of emphasis to include theories of accident causation and prevention applicable to agricultural accidents, The Hazardous Occupations Order for Agriculture and its ramifications for Vocational-Agriculture and the farming enterprise, physiological and psychological problems in machinery operation, materials handling, the farmstead environment, rural traffic, rural fire prevention and protection, teacher liability, and medical self help/disaster preparedness training.

Class Size: Limit of 26 students.

Grants-in-Aid: The Country Companies have approved a \$1,600.00 educational grant to defray tuition and textbook costs for those attending the workshop. These funds will be distributed in the form of twenty-six \$60.00 stipends. To be eligible to receive a grant the individual must be an in-service Vo-Ag teacher in Illinois, an instructor in the agriculture program of a junior college in Illinois, or a recent graduate of a Vo-Ag program with a contract to teach in the fall, 1969. Award of the stipends will be on a first-come, first-served basis, one grant per county. If individuals from 26 different counties do not seek enrollment, awards will revert to the date of application.

Instruction: Gary Erisman, Instructor in Agricultural Accident Prevention at Illinois State University; guest lecturers from National Safety Council Farm Department, International Harvester, John Deere, Federal Extension Service, Lightning Protection Institute, Illinois Power Company, and The Country Companies.

KEJ

(tear sheet)

J. Gary Erisman  
Traffic & Safety Education  
Illinois State University  
121 Turner Hall  
Normal, Illinois 61761

I plan to enroll in I. T. 393, Agricultural Accident Prevention

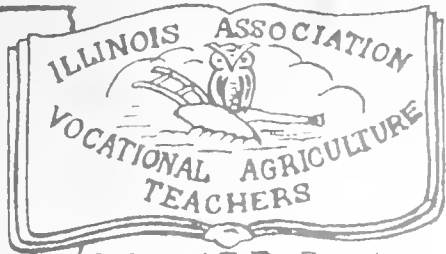
I am eligible under the criteria established to receive a grant-in-aid and wish to be considered.  Yes  No

I wish to receive the appropriate forms for admission to graduate school to enable me to receive credit  Yes  No

Signed \_\_\_\_\_ Address \_\_\_\_\_  
County \_\_\_\_\_







# I A V A T NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

The IAVAT can be proud of their representation during the AVA and NVATA convention in Dallas, Texas. Our membership allows us to have eleven voting delegates and we had this number present. The State of Illinois was also ably represented by members from our State Office and our teacher trainer institutions. In this period of "Challenge for Change in Agricultural Education" it is important to have all agricultural educators reaching for a common goal through their professional organizations and for their organization to be represented at the National level. It is my sincere wish and goal for our IAVAT to be 100% membership next year and be able to light our state light on the national map. The Agriculture Occupations Instructors of Illinois are innovators and leaders in agricultural education, yet fail to join our Association 100%. This should not be so. I hope all section chairmen will make a special effort in 1969 to have a 100% section.

It is difficult to describe a convention such as the one in Dallas in just a few words. Two sessions were of utmost importance when champions of education, Senator Wayne Morse of Oregon and Senator Ralph Yarborough of Texas, addressed the group. All phases of Agricultural education were discussed in the regional and national group sessions. Perhaps the highlight of the convention came when Royal McCormick was announced winner of the Chas. Pfizer Award and E. L. Bosomworth won the exchange of ideas contest. More will be said about the convention during our June Conference but I would be in error if I did not pass on to you two important items:

1. The passing of the 1968 Vocational Amendments represents the most comprehensive legislation ever enacted for assistance to Vocational-Technical education but the battle is not won. The next session of Congress must appropriate the money or the Amendments become just so many words. Each of you will be called upon to do your part.

2. The AVA House of Delegates voted to raise AVA dues from \$8 to \$12. As you know, the IAVAT will be voting on a dues increase during our June Conference. Just as we must support the AVA on the national level it is evident the IAVAT must assume a greater role in promoting and protecting the Professional Interest of Agriculture Education on the state level. I sincerely hope each of you will discuss our proposal for dues structure during your sectional meetings and come prepared in June to accept your leadership role.

\*\*\*\*\*

It is important I know the names of teachers who will receive 10-20-25-30-35-40 years service awards during our June Conference. If you are eligible for one of these awards please write me a short note immediately informing me which service award so proper arrangements can be made.

\*\*\*\*\*

The IAVAT wishes to express deepest regret and sincere sympathy to the family of Dr. H. M. Hamlin who passed away in Raleigh, N. C. on December 14, 1968.

\*\*\*\*\*

Program arrangements have been completed for the Illinois Association of Vocational Agriculture Teacher session of the Illinois Vocational Association Convention to be held in Peoria February 27 through March 1.

The general sessions of IAVAT, to be held on Friday, February 28, reflect the current problems and concerns of agriculture teachers throughout the state and nation.



Congressman Roman C. Pucinski, Chairman of the Subcommittee on Education, has accepted an invitation to speak to the agriculture occupations teachers. A dynamic speaker, Congressman Pucinski has been and is a moving force for legislation to meet the needs of vocational education.

Mr. Sherwood Dees, recently appointed Director of Vocational and Technical Education for Illinois, will also speak to the group. Mr. Dees will speak on the topic "A Look Ahead at Vocational Education." These speakers will no doubt have much to say concerning newly enacted legislation and its implications.

The program also reflects some of the concerns of the National Advisory Council on Vocational Education relative to the importance of the individual in vocational education. A panel of teachers, employers, and administrators will discuss the question of whether vocational education should be student centered as somewhat opposed to the prime concern of developing a particular skill. The importance of the teacher's work with FFA and the individual will be mirrored in a speech titled "Responsibilities of Teachers, Citizens, and the FBI," delivered by Troy Coleman, Special Agent for the Federal Bureau of Investigation.

Junior College Teachers of Agriculture (IAJCTA) will attend some of the above sessions and will also have some sessions for their particular group. Included will be a talk by Ralph Guthrie, Chief of Agriculture Occupations, on Approval of Teachers for Reimbursement. Another session will include a business meeting and a panel discussion on the subject "Do You Feel On-the Job Training Experience is Beneficial to Providing Agri-industry with Well-trained Personnel."

Program plans provide ample opportunity for announcements and for those attending to share in the discussions. There will be an opportunity to fellowship over a cup of coffee and doughnuts, provided by Cargill, Inc.

#### SECTION 17 NEWS:

Walter Crowley, son of Mr. and Mrs. Charles H. Crowley, Gibson City, graduated from Eastern Illinois University at the end of the first quarter and is now teaching in Bloomington.

Lowell F. Hillen, Champaign Agricultural Occupations Instructor and District IV Director, attended the AVA and NVATA Convention held in Dallas, Texas, December 7-11.

Mr. Nelson Roberts, Agriculture Occupations Instructor at Arcola, has been recovering from a hernia operation. Mrs. David Rankin of Arcola took over his classes from Nov. 18 - Dec. 20. She is a graduate of Iowa State University and holds a degree in Farm Management.

Elaine Miller, Cass County Home Advisor and daughter of Mr. and Mrs. T. R. Miller of Tuscola is engaged to Matti Aaltinon of Vamali, Finland. Mr. Miller is the Agricultural Occupations Instructor at Tuscola High School.

The Section 17 Grain and Poultry Show was held at Sullivan Chevrolet in Champaign on December 7.

Carl Hart, Public Relations  
Section 17

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#### SECTION 20 NEWS.

Neoga: Larry Greenwood lived most of his life on a 240-acre general farm near Coffeen, Illinois. He attended and graduated from Mulberry Grove High School in 1964, where he was active in Agriculture and FFA. He majored in Agriculture Education, and minored in general science at the University of Illinois from which he graduated in August, 1968. He is now teaching at the Neoga Community High School.

Teutopolis: John Abell was born and reared on a 400-acre cash grain farm near Eldorado, Illinois. He graduated from Eldorado Township High School in 1963. He attended



the University of Illinois from 1963 to 1967, where he graduated with majors in Farm Management and Agricultural Education. He started his teaching position at Teutopolis and is in his second year of teaching. He is single and proud of it. He is looking forward to being the last single Agricultural Occupations Instructor in Section 20; Hear that Bill Spears and Roger Behrends.

Teutopolis: Roger Behrends attended Clifton Central High School, where his Agricultural Occupations Instructor was Maynard L. Boudreau. He was State Farmer in 1962, Vice-President of the National Chapter of the Gold Emblem. In 1962 and 1963 he was Vice-President of Section 10. He did his student teaching at Beason under the supervision of Dorr L. Simer. He is now teaching at Teutopolis High School.

Other new Agricultural Occupations Instructors in Section 20 are Ronald Sanderson at Hutsonville and Vernon Gwaltney at Mattoon.

Section 20 activities this fall include the following:

1. Altamont Chapter hosted the Annual FFA Sectional Leadership School.
2. Reporters workshop was held at Effingham.
3. National Convention was held at Kansas City from October 16-18.
4. Oakland FFA Chapter won the Section 20 Parliamentary Procedure Contest held at Kansas.
5. Oakland won the land use contest held at Beecher City on October 23, and Newton won the contest on October 24 because they were the only chapter who attended.
6. The Grain Judging Contest held at Oakland on December 2 was won by Oakland.

As you can see by the preceding information, Oakland has won the lion's fair share of contests.

Delmar R. Owens, Public Relations  
Section 20

\*\*\*\*\*

Changes in State Judging Contests

Some minor changes in the state judging contests were recommended to the IAVAT Executive Committee by the judging contest committee. They were acted upon by the executive committee at a meeting in Dallas, Texas and will be included in the 1969 contests.

Seven crop seeds were added to the Crop Seed Identification ring, bringing the total to thirty. The new ones are fescue, popcorn, ladino clover, pumpkin, tomatoes, perennial rye-grass, and sweet corn.

The retail meat cuts have been changed to conform with the 101 Meat Cuts as published by the National Livestock and Meat Board. This book may be purchased at 15¢ per copy from the meat board at 36 S. Wabash, Chicago, Ill. 60603. The revised list will be published in the February AIDS.

All grades for the grading rings will be divided into thirds instead of halves. For example, in beef grading:

Prime			Choice			Good			Standard			Utility		
High	Med.	Low	High	Med.	Low	High	Med.	Low	High	Med.	Low	High	Med.	Low



(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send the following materials:

Number	Price	Amount	Item
_____	\$.10	_____	Income Tax Illustration Based on the 1967 Farm Record Problem
_____	.60	_____	Standards for Measures of Efficiency for 1968 (Pack of 10)
_____	per pack	_____	
_____	\$2.50	_____	Subject-Matter Packet "Profitable Corn Production"
_____	.15	_____	Ag-Science Demonstration - (1) Weed Control in Fencerows (pack of 10)
_____	per pack	_____	
_____	.15	_____	Ag-Science Demonstration - (2) Studying Seed Rations (pack of 10)
_____	per pack	_____	
_____	\$3.00	_____	Samples of Soil Amendments (Set of 12)
_____	.25	_____	Single-frame slidefilm "Profitable Oat Production"(color)
Per pack of 20--			Programmed Instruction--Rapid Rater Questions (in packs of 20):
_____	.50	_____	113 Dairy Cattle Feeding
_____	.25	_____	225 Agricultural Law
_____	.25	_____	226 Agricultural Bus. Management--Principles That Affect Prod.
_____	.25	_____	227 Keeping Records of the Supervised Farming Program
_____	.50	_____	415 Hunger Signs in Crops
_____	.25	_____	601 Selecting Trees for Home Planting
_____	.25	_____	602 Transplanting Shade Trees
_____	.25	_____	603 Fertilizing and Watering Shade and Ornamental Trees
_____	.50	_____	604 Insect Pests of Illinois Trees and Shrubs
_____	.20	_____	605 Producing Plants by Asexual Propagation
_____	.20	_____	606 Pruning Shade Trees
_____	.25	_____	607 Growing Plants Indoors
Per single copy--			Production Subject-Matter Units:
_____	.20	_____	1010a Managing the Beef Breeding Herd (16 pgs.)
_____	.25	_____	2009a Using the Illinois Farm Record Book (20 pgs.)
_____	.15	_____	3029 Using the Carbon Arc Torch (12 pgs.)
_____	.30	_____	3030 The Engine Cooling System (24 pgs.)
_____	.20	_____	4003 Testing Soil for Phosphorus (16 pgs.)

\*\*\*

Name \_\_\_\_\_ School \_\_\_\_\_  
Address \_\_\_\_\_  
Billing \_\_\_\_\_

(tear sheet)

TO: Vocational Agriculture Service, 434 Mumford Hall, Urbana, Illinois 61801

Please record my order for the following:

COMPOSITE ORDER

Number	Price	Amount	Item
_____	\$1.00*	_____	Set(s) of 7 new crop seed samples.
_____	\$3.75*	_____	Complete set(s) of 30 crop seed samples.

\*Approximate price, f.o.b. Urbana.

Name \_\_\_\_\_ School \_\_\_\_\_  
Address \_\_\_\_\_ Billing \_\_\_\_\_





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PRICE LIST OF FEEDS<sup>1/</sup>

Prices for some of the feeds used in supervised experience programs are listed below for students obtaining their feed at home. Purchased feeds can be recorded at prices paid.

<u>Kind of feed</u>	<u>Dec. 17</u>
Corn, shelled, bu. (new) . . . . .	\$. 1.07
Corn, ground shelled or ear corn, bu. . . . .	1.17
Oats, bu. . . . .	.60
Oats, ground, bu. . . . .	.70
Barley, (feed) bu. . . . .	.82
Barley, ground or rolled, bu. . . . .	.92
Grain sorghum, cwt. . . . .	1.60
Grain sorghum, cracked, cwt. . . . .	1.70
Whole milk, mfg. grade, cwt. . . . .	4.10
Corn silage, ton . . . . .	9.00
Sorghum silage, ton . . . . .	8.00 <sup>2/</sup>
Haylage, ton . . . . .	14.50 <sup>2/</sup>
Clover and mixed hay      All hay and straw prices . . . . .	21.50
Alfalfa                      are for baled. Figure . . . . .	24.00
Oat or wheat straw      loose at \$5 less per ton . . . . .	16.00

<sup>1/</sup> Prepared in cooperation with the Department of Agricultural Economics.

<sup>2/</sup> Or convert to dry hay equivalent containing 90 percent dry matter.

**VOCATIONAL AGRICULTURE SERVICE**  
University of Illinois - College of Agriculture  
434 MUMFORD HALL - URBANA, ILLINOIS 61801

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# VOCATIONAL - AGRICULTURE

# AIDS

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February 1969

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State Board of Vocational Education and Rehabilitation

State of Illinois  
BOARD OF VOCATIONAL EDUCATION AND REHABILITATION  
Vocational and Technical Education Division  
405 Centennial Building  
Springfield 62706

February 1969

Vocational Agriculture Dates and Activities to Remember

- February 15 Annual Supervised Agriculture Experience Program Summary Report to State Office, Springfield
- February 15-22 National FFA Week
- February 27, 28  
& March 1 Illinois Vocational Association Meeting, Peoria
- March 3 Selected FFA Foundation Award Winners Reported to State Ofc., Springfield
- March 26 District FFA Foundation Awards  
District I - Kewanee Comm. High School, 6:00 P.M.  
District II - Ottawa Twp. High School, 6:00 P.M.  
District III - Jacksonville High School, 4:00 P.M.  
District IV - Tuscola High School, 6:00 P.M.  
District V - Woodlawn High School, 6:00 P.M.
- March 29 State Vocational Agriculture Meat and Milk Judging Contest, Urbana
- April 2 District FFA Public Speaking Contests  
District I - Geneseo High School, 6:00 P.M.  
District II - Lockport Central High School, 6:00 P.M.  
District III - Western Ill. Univ. (Life Sci. Bldg.), 6:00 P.M.  
District IV - Tolono Unity High School, 6:30 P.M.  
District V - Southern Ill. Univ. (Ag. Bldg. Rm. 234), 6:30 P.M.
- April 15 State Farmer Applications to State Office, Springfield
- April 15 American Farmer Applications to State Office, Springfield
- April 19 State FFA Foundation Awards Meeting, Urbana
- April 26 State FFA Extemporaneous Public Speaking Finals and Preliminary State FFA Prepared Public Speaking, Springfield
- May 1 Completed FFA Program of Work to Sectional Vice-President
- May 3 State Vocational Agriculture Livestock, Dairy, Poultry, and Crops Contests, Urbana
- June 1 Annual FFA Report to State Office, Springfield
- June 10-12 Annual State FFA Convention, Urbana
- June 11 State FFA Finals Prepared Public Speaking, Urbana
- June 16-19 Annual Conference Agriculture Occupations Teachers, Urbana





# VO-AG SERVICE

## Announcements & Notes

Telephone - Area 217 - 333-3870

New Bulletins and Circulars. Three new and four revised circulars have been released during the month. The three new circulars, copies of which were included in February Agricultural Releases, are:

- Circular 992, Feeding, Managing and Housing Dairy Calves, 10¢
- Circular 993, 1966-1968 Performance of Commercial Corn Hybrids in Illinois, 10¢
- Circular 994, Getting the Most from Chemical Analyses of Roughages for Dairy Cattle, 10¢

The four revised circulars were reprinted as part of the proceedings of the 21st Illinois Custom Spray Operator's Training School and were thus included in February Releases. They are available however as separate publications, as follows:

- Circular 897, 1969 Insect Control for Commercial Vegetable Crops and Greenhouse Vegetables, 5¢
- Circular 898, 1969 Insect Control for Livestock and Livestock Barns, 5¢
- Circular 899, 1969 Insect Control for Field Crops, 5¢
- Circular 900, 1969 Insect Control by the Homeowner, 5¢

Prices shown are for quantity distribution out of state. Illinois teachers can obtain additional copies in the usual manner. JWM

Engine Analysis Kit Schedule. The schedule for engine analysis kits for February and March is as follows. Please notify us at once if you discover errors in this schedule.

Section	3 weeks 2/3-2/21	4 weeks 2/24-3/21	2 weeks 2/10-2/21	3 weeks 3/3-3/21	4 weeks 3/31-4/25	2 weeks 3/3-3/14
1	Galena			Orangeville		
2	Mt. Carroll			Fulton		
3		Princeton			Geneseo	
4	Joy			Yates City		
5	Varna			Brimfield		
6		Harvard			Sycamore	
7			Rochelle			Seneca
8	Dwight			Dwight		
9	El Paso			Normal		
10	Watseka			Gilman		
11	Dallas City			Carthage		
12	Farmington			Fairview		
13	Beardstown			Virginia		
14	Mt. Pulaski			Auburn		
15		Bluffs			Jacksonville	
16	Bellflower			Atwood		
17		Rantoul			Roberts	
18	Ridgefarm			Oakwood		
19	Windsor			Bethany		
20	Marshall			Teutopolis		
21			St. Elmo			Patoka
22	Highland			Ashley		
23	Bridgeport			Mt. Carmel		
24		Pinckneyville			Tamaroa	
25	Cave-in-Rock			Ridgway		

JWM



Illinois Fertilizer Conference Proceedings. This 51-page manual contains 20 presentations on the latest research results on fertilizer use and its effect on crop production. A single copy was included in the February Agricultural Releases. Additional copies are available at \$1.00 per copy as long as the supply lasts.

RLC

Twenty-First Illinois Custom Spray Operators Training School. This 190-page manual contains 46 presentations on current weed, insect, and disease problems. A single copy was included in the February Agricultural Releases. Additional copies are available at \$2.00 per copy.

RLC

Corn Conditioning Conference Report. The report and proceedings of the Corn Conditioning Conference, held at the University of Illinois January 8-9, is included in the February shipment of Agricultural Releases. A few copies of this report are available at \$1.00 each, plus postage.

JWM

Attention High School Juniors - ACT Examination and County Tuition Scholarships: The following information was supplied by Dean C. D. Smith:

High school juniors who wish to qualify for an agriculture, home economics, children of veterans, or special county scholarship to be awarded in 1970 for use at the University of Illinois, should take the examination administered by the ACT Program on any one of the following dates: April 26, July 19, or October 18, 1969.

The tuition scholarships are worth \$246 per year (or more if the student attends summer school) for four years at the University of Illinois.

One agriculture, one home economics, and three veteran scholarships are available for each county. One or more special county scholarships are awarded in each having a population exceeding 100,000.

Interested applicants should see their high school counselor or principal for more information, application forms, etc. Unlike most other scholarships, financial need is not a requirement for these scholarships, but the ACT score is required for admission to the University of Illinois and for most other scholarships.

CDS

Judging Contest at Illinois Spring Barrow Show. Vocational agriculture students will have an opportunity to practice swine judging at the Spring Barrow Show at the Junior Building at the State Fair Grounds on Saturday, February 8. There will be four rings of swine in the contest. Contestants may participate in teams of three or as individuals. A school may send as many teams as they desire. Register for judging at the Junior Building by 11 a.m. that morning. The contest will be over by 1:00 p.m. There will be trophies and ribbons awarded.

GRC/WHW

Judging Beef Cattle, Swine, and Sheep. This is a 24-page, 8½ x 11 booklet that discusses and illustrates judging procedures for beef cattle, sheep, and swine. It is printed in two colors--the second color being used to emphasize points and headings.

A copy is included in each shipment of February Agricultural Releases. It is also listed on the tear sheet in the back of this issue of AIDS. Price, 25¢ each, plus postage.

WIW

Sheep Shearing Schools. Dr. G. E. Ricketts of the Animal Science Extension staff has given us the following information:

Sheep shearing schools will be held this year as follows: March 19 and 20 at University of Illinois, Urbana; March 25 and 26 at John Kramer Farm, Roseville; March 27 and 28 at Lee County 4-H Center, Amboy; April 1 and 2 at Dixon Springs Agricultural Center, Simpson.

(cont.)



In selecting boys:

1. Select not over two boys from any one school.
2. Give priority to boys who (1) have enough size to handle mature sheep (minimum weight, 125 pounds and height, 5'4"), (2) have sheep projects, (3) are willing to take instruction, and (4) will have a chance to shear sheep after the school ends.
3. Select boys that will stay the 2 days. In the past there have been so many boys enroll that did not show up or came for one day only that the enrollment fee has been increased to \$5.00 with \$4.00 being refunded to each one that stays for the entire school. No enrollment will be accepted without the \$5.00 enrollment fee. Make checks payable to the Sheep Shearing Fund.
4. Send all enrollments to the Livestock Extension Office, 326 Mumford Hall, Urbana, Ill. 61801 by March 10. Each boy will then be contacted directly and sent details of the school.
5. All equipment will be furnished. Each boy should bring work clothes and shoes.
6. Each school will start at 9:00 a.m. on the first day and end at 3:00 p.m. on the following day.
7. Do not enroll boys who have been to the school before. If such boys want to be checked out, they can return for the second day of the school, if they bring their own equipment. They do not need to enroll in advance.
8. Enrollments will be accepted in the order they are received. Be sure to designate which school the boys wish to attend.

GER/WHW

NEW BOOKS

Every other year we go over our book display, contact all of the publishers, and bring the display up to date. We are now in the midst of this process. Since we are receiving new books every day, we will only have space to list these new books in the AIDS. About May 1 we will issue a new complete book listing and display all new books at the June Conference.

<u>TITLE</u>	<u>AUTHOR</u>	<u>DATE</u>	<u>PRICE</u>	<u>PUBLISHER</u>
Moisture Gardening	Bloom	1968	\$7.95	Charles T. Branford Co.
Water in the Garden	Bartrum	1968	5.50	28 Union Street
Climbing Plants	Bartrum	1968	5.00	Newton Centre, Mass. 02159
Motor Service's Automotive Encyclopedia	Toboldt & Johnson	1968	9.95/7.46	Goodheart-Willcox Co. 18250 Harwood Ave.
Modern Refrigeration & Air Conditioning	Althouse, Turnquist, & Bracciano	1968	14.50/10.88	Homewood, Ill. 60430
Modern Concepts of Farm Machinery Management	Bowers	1968	3.25	Stipes Publishing Co.
Fun With the Family	Regnier & Edgren	1961	2.00	10 Chester Street Champaign, Ill. 61820
Engineering Applications in Agriculture	Bowers, Jones & Olver	1966	4.75	
Law and Court Decisions on Agriculture	Hannah & Krausz	1968	12.50	
Arc Welding, A Self Instruction Guide - Part I	Olson	1968	2.50	Vector Publications 1945 Sharondale Ave.
Oxy-Acetylene Welding, A Self Instruction Guide - Part I	Olson	1968	2.50	St. Paul, Minnesota 55113

NOTE: FOR INFORMATION REGARDING EXTRAMURAL COURSES IN AGRICULTURE SEE NEXT PAGE.



**EXTRAMURAL COURSES IN AGRICULTURE - University of Illinois  
Spring Semester 1968-69**

**BELLEVILLE**

Hort. E122, Greenhouse Management - D. C. Saupe, 3 semester hours undergraduate  
Belleville Twp. H.S., 2600 W. Main St.,  
Vo-Ag Room  
First Meeting - Monday, Feb. 3, 1969, 6:30 p.m.

**MALTA**

Agr. Econ. E325, Advanced Farm Management - J. T. Scott, 3/4 or 1 unit, 3 sem. hrs. undergrad.  
Kishwaukee College  
First Meeting - Tuesday, Feb. 4, 1969, 6:30 p.m.

**NAPERVILLE**

Hort. E234, Nursery Management - J. B. Gartner, 3 semester hours undergraduate  
Naperville High School, 400 W. Aurora Ave., Rm. 65  
First Meeting - Tuesday, Feb. 4, 1969, 6:30 p.m.

**PONTIAC**

Agr. Econ. E331, Grain Marketing - J. R. Roush, 3/4 or 1 unit, 3 sem. hrs. undergrad.  
Pontiac High School, Vo-Ag Room  
First Meeting - Thursday, Feb. 6, 1969, 6:30 p.m.

**SPECIAL COURSES**

**OFFERED VIA TELELECTURE AND ELECTRO-WRITER REMOTE BLACKBOARD ON  
UNIVEX NET**

Agr. Econ. E303, Agricultural Law - H. W. Hannah, 3/4 unit graduate, 3 sem. hrs.,  
undergraduate  
First Meeting - Thursday, Feb. 6, 1969, 7-10 p.m.

An. Sci. E303, Pork Production - B. G. Harmon, 3/4 unit graduate, 3 sem. hrs.  
undergraduate  
First Meeting - Tuesday, Feb. 4, 1969, 7-10 p.m.

These courses will be taught remotely from Urbana but will be available at six locations in Illinois, as follows:

<u>CITY</u>	<u>CLASSROOM LOCATION</u>
Decatur	Room 201, Mueller Ind. Lab., Millikin University
Springfield	Second Floor, Continuing Ed. Bldg., Springfield Jr. College, 1500 N. Sixth Street
Quincy	Basement Classroom, Chamber of Commerce Bldg., 428 Main Street
Rock Island	Room 3, Building 60, Training and Development Branch, Rock Island Arsenal
Freeport	Room T101, Tech. Bldg., Highland College, So. Highway 26
Malta	Room 3, Library Bldg., Kishwaukee College

**NOTE:** Enrollment in these Network classes will be limited. If you are interested in enrolling, or receiving additional information, write for the special brochure which included the pre-enrollment form.

If interested in attending at:  
Decatur, Springfield, Quincy, write--

Walter V. Brown  
Division of University Extension  
512 Iles Park Place, Sixth and Ash Sts.  
Springfield, Ill. 62703

If interested in attending at:  
Rock Island, Malta, Freeport, write--

Leon A. Mayer  
Division of University Extension  
Room 52, Dixon Nat'l Bank Bldg.  
Dixon, Ill. 61021







# AGRICULTURAL EDUCATION NEWS

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

Fellowships Available. Agricultural teachers serving as directors of vocational education or who wish to prepare for leadership positions in vocational education may be interested in applying for fellowships in this area which are available at the University of Illinois. These fellowships are worth up to \$3,640 per year. The program is two years in length. If interested in applying, contact an agricultural education staff member at the University of Illinois.

LJP

Graduate Assistantships. The agricultural division will have several assistantships at the master's, advanced certificate and doctoral levels to award for 1969-70. If you are interested, obtain application forms from Lloyd J. Phipps, 347 Education Building, University of Illinois, Urbana, Illinois 61801.

LJP

Summer Session Offering. Agricultural education courses to be offered at the 1969 summer session are as follows:

- Votec 459, Directed Structured Occupational Experiences in Agriculture
- Votec 472, Course Planning and Teaching Procedures
- Votec 474, Supervised Agricultural Experience Programs
- Votec 475, Organizing and Teaching Agricultural Mechanics
- Votec 476, Guidance and Counseling in Agricultural Education
- Votec 276 and 277, Educational Practice and Methods

A brochure describing the summer course offerings in agriculture, education, and agricultural education at the University of Illinois will be mailed to each agricultural occupations teacher in Illinois in March, 1969.

PEH

Votec E474 Offered at Reddick. Teachers in District II who wish to enroll in Votec E474 for the spring semester should attend the first class session on February 5 at 6.30 p.m. Votec E474 is a graduate course titled Supervised Agricultural Experience Programs which qualifies teachers to handle cooperative education programs in agricultural occupations. The course will meet on Wednesday nights at the Reddick High School.

PEH

Votec E442 Offered. To further serve the needs of junior college teachers of agricultural occupations, Votec E442, Junior College, will be taught the second semester of 1968-69. Tentative plans for class meetings include: (1) two all-day Saturday workshops at Urbana, (2) two regional small group meetings at centrally located junior colleges, and (3) one local workshop at each enrollee's institution, plus individual instructions. Teachers interested in enrolling in the course should contact Dr. David Williams, 361 Education Building, University of Illinois, Urbana 61801, if they have not previously done so. Teachers may enroll at the first meeting of the course.

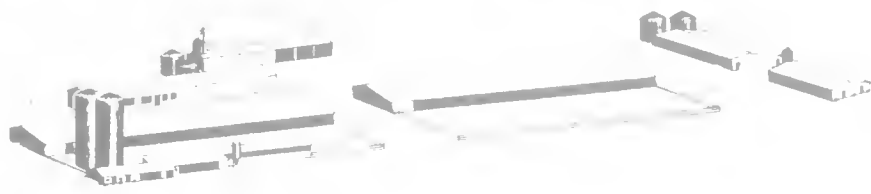
DLW



Directed, Structured Occupational Experiences for Junior College Teachers of Agricultural Occupations. Plans are being made to offer a course (Votec 459) extramurally for junior college teachers during the first semester, 1969-70, which will allow teachers to gain directed, structured experiences in agricultural firms and translate their experiences into workable teaching methods and procedures. The work experience phase of the course would be completed during August and early September, 1969. The course is recognized as being equivalent to four months of occupational work experience in an agricultural firm. Teachers interested in this course should contact Dr. David Williams, 361 Education Building, University of Illinois, Urbana 61801

DLW





## AGRICULTURAL EDUCATION NEWS

ALPHA TAU ALPHA INITIATES - Fall, 1968. At the December meeting, the XI Chapter of Alpha Tau Alpha at Illinois State University initiated fourteen active members. The following students were initiated into active membership. Their home high school and agriculture instructors are indicated.

<u>Name</u>	<u>Home High School</u>	<u>High School Instructor</u>
Armstrong, John	Heyworth High School	Virgil Butler
Atkings, Dale	Fairbury-Cropsey H S	Harry White
Benson, George W	Yates City High School	Duane Gullett
Chase, David	Hinckley-Big Rock H.S	L. E. Saddoris
Copple, Billy J	Centralia Township H S	Cedric Gowler
Ewan, John	Henry High School	Max Foster
Franklin, George "Al"	Morrisonville H.S.	Bill Bullard
Howell, Richard	Maroa-Forsyth H. S	M. J. Nicol
Jorstad, Kenneth	Morris Community H. S	Donald Kaufman.
Larson, Steven R.	Malta High School	Gary Brucker
Lewis, Tom	LaMoille High School	Harvey Carley
Rehn, Dennis	Kirkland High School	Harlan Ehmen
Scheer, Mike	El Paso High School	John Olson
Schneider, Mark	Okawville High School	Don Jenkins
		Dale Stallings

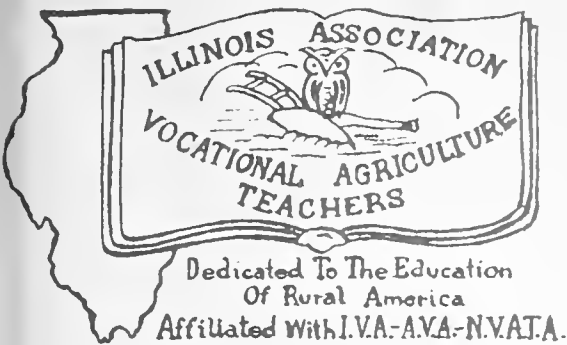
Officers for 1968-69

<u>President</u> - James Hanlin	Heyworth H. S.	Virgil Butler
<u>Vice-Pres.</u> - Richard Wills	Saybrook-Arrowsmith	Albert Bain
<u>Secretary</u> - Ray Zimmerman	Flanagan	Howard Cotter
<u>Treasurer</u> - Glenn Zimmering	Greenview	C. N. DeHart
<u>Membership</u> - Keith Kelley	Octavia	T. R. Miller

Advisors: Dr. Alphred Culver, Dr. James Thompson

KEJ





# IAVAT NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

As I mentioned in the December newsletter the theme for the Dallas Convention was "Challenge for Change in Agricultural Education." Following are some notes from this convention showing some concern pertaining to the theme:

NVATA policy resolution number one unanimously approved: "A program of action to re-establish a Division of Agricultural Education within the U.S. Office of Education."

Policy resolution number two was approved: "National FFA Judging Committee structure." This dealt with a request for changes and giving stronger voice to teachers of vocational agriculture.

Recommended that National FFA permit membership by female vo-ag students if a state desired to have such membership.

Resolved that terminology "Vocational" be retained to describe courses or programs in agriculture on the high school level.

Commended the National Association of State Departments of Agriculture for its recognition of the loss of identification and prestige of Agricultural Education and plan for action to improve the position of Agricultural Education in the U.S. Office of Education.

Called attention to loss of time on part of NVATA and Ag Ed division if proposed 1969 AVA Convention format was carried out. Took a firm stand on retaining adequate time for Agricultural Education in the format.

\*\*\*\*\*

Also, in the December newsletter I asked for those men that would be eligible for service awards to write me a short note stating which award they should receive. As of this writing I have received letters from only five teachers. It is disappointing and extremely difficult to meet deadlines when cooperation among professional men is at such a low ebb that mail cannot be answered. Fortunately, the State Office came to my rescue and sent a list from their files. I am asking again this month--study the printed list below; if you should receive an award and your name is not listed, please write me immediately.

## 10 Years

Ralph Moens, Atkinson  
Wm. Cadwell, Barry  
Don Prather, Clinton  
Bobby Murry, DuQuoin  
Eugene Rösio, McHenry  
Dorr Simer, Beason

John Feddersen, Milledgeville  
Lee West, Mt. Pulaski  
Clarence Fluegel, Oswego  
Richard Dunn, Newark  
George Priddle, Ramsey  
Donald Coordes, Roseville

## 20 Years

David Sistler, Arthur  
Franklin Royster, Bluford  
Joseph DeGulie, Coal City  
Clarence Cox, Joppa  
Milton Renoud, Illinois Central College

C. J. Sichta, Lanark  
Wm. M. Bullard, Morrisonville  
Richard Smith, Robinson  
George Hall, Staunton





25 Years

E. L. Bosomworth, Bethany  
Don Boyer, Casey  
Wm. T. Spittler, Marshall

Fred Morris, Mendota  
Sherwood Jackson, Seneca

30 Years

G. R. Brown, Dakota  
Joe McGann, Danvers & Stanford  
Chester Seibert, Edwardsville

James Bond, Galatia  
Wm. Lubben, Gilman  
Frank Young, Washington

35 Years

Phillip E. Gill, Carlyle  
Melvin J. Nicol, Maroa

Clifton E. Wick, Pearl City

\* \* \* \* \*

While I am in the process of reminding you of your responsibilities, let me state three more that should require your immediate attention.

1. Committee chairman, complete your committee reports and mail them to your District Director. These should be in the hands of your vice-president by March 1, 1969.
2. Remind your administrator that the IVA convention will be in Peoria on February 28 and March 1, and that you wish to attend. Your vice-president has arranged a fine program for you.
3. There will be no Sectional News this month because not one Section Public Relations Representative sent news items to me. I know there are programs of interest being conducted in the sections. How about some response?

\* \* \* \* \*

The executive committee of the IAVAT met in Normal, December 27, with the officers of the Illinois Association FFA. Decision was reached, by a slight majority, to follow the National FFA policy with the question of permitting girls to participate and belong to FFA. National delegates must vote again in October 1969 before Illinois FFA may restate or reaffirm their position. Meanwhile our delegates to the National Convention must vote to establish the National policy. How will our delegates vote in October 1969 if their policy is to follow? As it is now stated the vote will be in opposition to females. Each section vice-president will conduct some type of survey, by mail or special meeting, to poll the membership within his section. May I urge you to participate in this survey and allow your chapter members to express their opinion. I have stated earlier in this newsletter the resolution as adopted by the NVATA.

\* \* \* \* \*

By the time you read this our nation and state will be under new leadership with legislators meeting "full swing." Vocational Education legislation will be discussed and under careful study. We are going into the enactment of the Amendments of 1968, an extremely important bill to all vocational educators. May I again urge you to make your contacts with the right people but let's be very careful that the suggestions we make are the proper ones for vocational agriculture. I suggest that all sections invite their IAVAT District Directors to your section meetings and urge him to relate the stand on vocational issues that is being taken by your IAVAT, IVA, NVATA, and AVA. This is extremely important.

\* \* \* \* \*



Congratulations are in order to Audrey Wagner of Crescent City-Iroquois High School and his student, Tom Roselius. Tom was the 1968 state winner in the North-Central Weeds Control Essay Contest and received a \$25 check for this award. Tom's essay placed second in competition among winners from ten North-Central states and the provinces of Canada. This is the highest any Illinois entry has placed to date.

\* \* \* \* \*

Dear Vocational Agriculture Teacher:

Our committee would like to call your attention to a resource for providing a stimulating F.F.A. meeting this fall. This meeting should interest some of your students in the possibilities of becoming teachers of vocational agriculture. Our committee has developed a set of 30 colored slides entitled "A Bright Future for You-Teaching Vocational Agriculture." This set together with a script can be purchased for only \$3.80 postpaid from "World of Color," Elmira, New York.

This slide set includes pictures from six different states and gives a "behind the desk" account of teaching. It represents more than a year's work to assemble the pictures and presents the latest information regarding the supply and demand of teachers. Once you have a set, you can add pictures about your own graduates or local teachers.

The Professional Personnel Recruitment Committee strongly recommends that every teacher make use of this slide series. Its low cost should place it within the range of any F.F.A. treasury. For your convenience, an order form is attached.

Sincerely,

Ralph J. Woodin, Chairman  
Clifford Eustace  
Sam Stenzel

Lowery Davis  
Charles Drawbaugh  
James Durkee

(tear sheet)

Send orders to:  
World in Color Productions  
P. O. Box 392  
Elmira, New York 14902

I am enclosing a check for \$3.80 \_\_\_\_\_

Send slide set to:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Please include zip code)



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(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	<u>Item</u>
_____	\$ .25	_____	Judging Beef Cattle, Swine, and Sheep, 24-page booklet
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Name \_\_\_\_\_ School \_\_\_\_\_

Address \_\_\_\_\_

Billing \_\_\_\_\_





PRICE LIST OF FEEDS<sup>1/</sup>

Prices for some of the feeds used in supervised experience programs are listed below for students obtaining their feed at home. Purchased feeds can be recorded at prices paid.

<u>Kind of feed</u>	<u>Jan. 14</u>
Corn, shelled, bu. (new) . . . . .	\$ 1.08
Corn, ground shelled or ear corn, bu. . . . .	1.18
Oats, bu. . . . .	.63
Oats, ground, bu. . . . .	.73
Barley, (feed) bu. . . . .	.83
Barley, ground or rolled, bu. . . . .	.93
Grain sorghum, cwt. . . . .	1.60
Grain sorghum, cracked, cwt. . . . .	1.70
Whole milk, mfg. grade, cwt. . . . .	4.10
Corn silage, ton . . . . .	9.00
Sorghum silage, ton. . . . .	8.00 <sup>2/</sup>
Haylage, ton . . . . .	14.50 <sup>2/</sup>
Clover and mixed hay All hay and straw prices . . . . .	21.00
Alfalfa are for baled. Figure . . . . .	24.00
Oat or wheat straw loose at \$5 less per ton . . . . .	17.00

<sup>1/</sup> Prepared in cooperation with the Department of Agricultural Economics.

<sup>2/</sup> Or convert to dry hay equivalent containing 90 percent dry matter.

**VOCATIONAL AGRICULTURE SERVICE**

University of Illinois - College of Agriculture

434 MUMFORD HALL - URBANA, ILLINOIS 61801

610  
Foliage Plant  
Ident  
part I

6  
Foliage  
Ident  
part I

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# VOCATIONAL - AGRICULTURE

# AIDS

Volume 27, Number 8

March 1969

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printed and distributed by  
Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Issued jointly by  
Vocational Agriculture Service  
Agricultural Education Divisions  
University of Illinois  
Southern Illinois University  
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Western Illinois University  
Illinois Association of Vocational Agriculture Teachers  
State Board of Vocational Education and Rehabilitation

State of Illinois  
BOARD OF VOCATIONAL EDUCATION AND REHABILITATION  
Vocational and Technical Education Division  
405 Centennial Building  
Springfield 62706

March 1969

Vocational Agriculture Dates and Activities to Remember

- March 3 Selected FFA Foundation Award Winners Reported to State Ofc., Springfield
- March 26 District FFA Foundation Awards  
District I - Kewanee Comm. High School, 6:00 P.M.  
District II - Ottawa Twp. High School, 6:00 P.M.  
District III - Jacksonville High School, 4:00 P.M.  
District IV - Tuscola High School, 6:00 P.M.  
District V - Woodlawn High School, 6:00 P.M.
- March 29 State Vocational Agriculture Meat and Milk Judging Contest, Urbana
- April 2 District FFA Public Speaking Contests  
District I - Geneseo High School, 6:00 P.M.  
District II - Lockport Central High School, 6:00 P.M.  
District III - Western Ill. Univ. (Life Sci. Bldg.), 6:00 P.M.  
District IV - Tolono Unity High School, 6:30 P.M.  
District V - Southern Ill. Univ. (Ag. Bldg. Rm. 234), 6:30 P.M.
- April 15 State Farmer Applications to State Office, Springfield
- April 15 American Farmer Applications to State Office, Springfield
- April 19 State FFA Foundation Awards Meeting, Urbana
- April 26 State FFA Extemporaneous Public Speaking Finals and Preliminary State FFA Prepared Public Speaking, Springfield
- \*April 30 Application Deadline for Section and Chapter Outstanding Reporter Awards
- May 1 Completed FFA Program of Work to Sectional Vice-President
- May 3 State Vocational Agriculture Livestock, Dairy, Poultry, and Crops Contests, Urbana
- June 1 Annual FFA Report to State Office, Springfield
- June 10-12 Annual State FFA Convention, Urbana
- June 11 State FFA Finals Prepared Public Speaking, Urbana
- June 16-19 Annual Conference Agriculture Occupations Teachers, Urbana
- \*October 15-17 National FFA Convention, Kansas City

\*New information

AIDS, March 1969



# VO-AG SERVICE

## Announcements & Notes

Telephone - Area 217 - 333-3870

New Bulletins and Circulars. One new circular has come to our attention since the last issue of the AIDS. It is Circular 995, Illinois Agronomy Handbook, 1969. This replaced Circular 976 which was the 1968 edition of the Agronomy Handbook. The new handbook has increased in size from 38 to 51 pages. Circular 995 was not included in Agricultural Releases. It is available on a sale basis only, at 25¢ per copy.

JWM

Engine Analysis Kit Schedule. The schedule for engine analysis kits for March and April is shown below, primarily as a reminder to schools that have a kit reserved and to give you a chance to notify us if we are in error, or if your plans have changed.

Section	3 weeks 3/3-3/21	4 weeks 3/31-4/25	2 weeks 3/3-3/14	3 weeks 3/31-4/18	2 weeks 3/24-4/4	2 weeks 4/14-4/25
1				Lena		
2	Fulton			Morrison		
3		Geneseo				
4	Yates City			**		
5	Brimfield			Elmwood		
6		Sycamore				
7			Seneca		Leland	Shabbona
8	Dwight			Newark		
9	Normal			Cullom		
10	Gilman			Manteno		
11	Carthage			**		
12	Fairview			Cuba		
13	Virginia			Payson		
14	Auburn			Williamsville		
				Rochester		
				Buffalo		
15		Jacksonville				
16	Atwood			DeLand-Weldon		
				Ellsworth		
17		Roberts				
18	Oakwood			Hume		
19	Bethany			Raymond		
20	Teutopolis			Neoga		
21			Patoka	**		
22	Ashley			Trenton		
23	Mt. Carmel			Lawrenceville		
24		Tamaroa				
25	Ridgway			Norris City		

\*\*Kit scheduled in another section.

JWM





Advance Orders for 1969-70. A subscription form for Agricultural Releases and other advance order materials for 1969-70 is being included with copies of the AIDS going to Illinois schools. It is being sent early because a number of teachers tell us that they must submit budget requests in March. There will be several other opportunities to get one of these forms before the deadline date of October 1, 1969. If you did not get a form and want one at this time, please let us know.

JWM

Arbor Day Packet. Through the courtesy of Dr. J. B. Gartner, Head of the Division of Ornamental Horticulture, a packet of materials on Arbor Day was included in the March Releases going to Illinois teachers. Dr. Gartner makes the following suggestions:

"Each year, Arbor Day is celebrated on the last Friday in April. The packet of materials which you have received is courtesy of the International Shade Tree Conference. Within this packet are sample programs for an Arbor Day observance. We hope that you will be able to establish an Arbor Day program at your school. We suggest that you contact your local nurseryman and encourage him to participate in your program. By including him, he may be willing to furnish a tree to plant at your school, at no charge or at a considerably reduced price, in turn for the publicity he will receive. This tree would make a nice memorial to your school and a good demonstration for your agriculture occupation class on the proper way to plant and care for a tree."

JBG/JWM

Planning Grain-Feed Handling for Livestock and Cash-Grain Farms. This is the title of a new book of plans and ideas from Midwest Planning Service. A copy was included in the March Agricultural Releases. Additional copies are available at \$1.00 each by writing either to the Department of Agricultural Engineering or to Vocational Agriculture Service.

JWM

The Modern Way to Efficient Milking Mr. Fred A. Lyman, Secretary, Milking Machine Manufacturers Council, Chicago, furnished Mr. Guthrie with enough copies of the second edition of "The Modern Way to Efficient Milking" for Agricultural Releases. We have a few copies remaining that are available for postage charge only.

A revised edition by the same title is available from the Council at \$1.00 each for singles, or 25¢ each in quantities of ten or more. The revised copy includes information on pipeline milking systems that is not included in the second edition. Please, do not order copies of the revised edition from Vocational Agriculture Service. We have copies of the second edition only.

WHW

Second Shipment of Production Units was sent out on advance order about the middle of last month. The five units included in this shipment were as follows:

- VAS 1042 Urea as a Ruminant Supplement (8 pgs.)
- VAS 2024a Using Credit to Increase Farm Earnings (8 pgs.)
- VAS 2025a Determining Credit Needs on the Farm (12 pgs.)
- VAS 2026a Planning for Repayment of Loans (16 pgs.)
- VAS 4009a Planning the Nitrogen Program (16 pgs.)

A copy of each of these is included in the March Releases and they are also listed on a tear sheet in the back of this issue of the AIDS.

If you have an advance order for production units and did not receive this shipment, please let us know.

WHW

Please Note: MEAT and MILK JUDGING CONTEST - March 29, 1969



1969 Illinois Pork Industry Day will be held at the U. of I. Auditorium on March 11. The morning session includes reports by the Swine Division on management and housing studies, mineral requirements, and cereal grains as amino acid sources. The afternoon session includes presentations on the hog cholera eradication program, and pork production during the next decade. All teachers and students are welcome to attend.

GRC/WHW

Meat and Milk Judging Contests will be held at the U. of I. campus on Saturday, March 29, starting at 10 A.M. Please register at the Stock Pavilion in time for your contestants to be at their respective places before judging time.

Attached to each copy of AIDS going to Illinois teachers is a self-addressed card for you to return if you plan to bring a team. This is not a preregistration, but a means of determining the number of teams to prepare for. Please return this card by March 18, if you expect to bring a team.

If you have any questions on either of the contests, consult the 1969 Judging Rules or notify us at Vocational Agriculture Service. If you did not receive a set of rules or have misplaced your set, please let us know and we will send you another one.

WHW

Changes in State Judging Contests. Enclosed with each copy of AIDS going to agriculture occupations instructors of Illinois are samples of revised cards used in the 1969 contests.

1. All grading rings (beef cattle, beef carcass, and lamb carcass) have the grades divided into thirds (high, med., and low) like the grading card enclosed, instead of halves as used in the past.
2. Meat identification cards enclosed include the revised lists of cuts. They now conform to "101 Meat Cuts" available from the National Livestock and Meat Board.
3. Crop seed identification card enclosed includes the revised list of seeds.

These changes were discussed in the January AIDS and shown in the 1969 judging rules.

WHW

Livestock Marketing Field Day. Mr. John Sweeney of the State Board of Vocational Education has provided us with the following information:

"The National Stock Yards, National Stock Yards, Illinois, will sponsor two events for students of agricultural occupations in their marketing area.

"Wednesday, May 14, 1969, will be the third annual Livestock Marketing Field Day. Stock yard officials are in hopes that those wishing to make a tour of the yards would do so on this date rather than making individual requests for tours. Briefly, the program will consist of a tour of the yards, educational program in auction arena, and a livestock grading and quality determination.

"The Livestock Grading and Marketing Day will be held on Wednesday, July 16, 1969. Agriculture students and FFA members under 21 years of age may consign and sell at the National Stock Yards Livestock Marketing Day, hogs, lambs or fat beef-type heifers and steers which are a part of the regular supervised farming program.

"Additional information on both programs will be sent to individual schools by National Stock Yards."

The St. Louis Cardinal baseball team will have night games at home on both dates.

JDS/WHW



Sample Grain Rings for Judging. Grain judging rings for corn, soybeans, oats, and wheat are again available. These practice sets are different than those previously distributed. Each ring consists of four 8-ounce samples with official placings and reasons.

A complete set of four rings sells for \$7.50, plus postage. Charges can be placed against your open account. These samples are prepared by the Agronomy Field and Furrow Club. This item is included on the tear sheet for the convenience of those who may wish to order.

RLC

Crop Seed Samples. All sets of crop seed samples that have been ordered this winter have been sent. If you have received your set, please open it promptly and notify us if any vials are broken in shipping so we can replace them.

We have a few additional sets left. A complete set of 30 is \$3.75 and the supplementary set of 7 is \$1.00 plus postage.

RLC

Lawn Care and Management Packet. This packet is again available. It was first announced in June and the entire stock of 250 packets was gone by early fall. We have been working since then to make up an additional 300 packets and they are now ready. These packets, designed for use by students enrolled in ornamental horticulture programs, are available at \$1.80, plus postage, and are listed on the tear sheet.

RLC

Basic Text for Lawn Care and Management. This basic text entitled "Lawns and Ground Covers" (112 pages) is supplementary to the references found in the subject-matter packets. This text is the same as those previously distributed and is available for \$1.75 plus postage.

RLC

Soil Samples of Known Soil-Test Value. The Field and Furrow Club has again made available soil samples of known soil test value for \$10.00 per set of six samples, plus postage. The range in soil test value is as follows: pH 4.5-7.7; P<sub>1</sub> 5-30 lbs.; P<sub>2</sub> 6-115 lbs. and K 68-300 lbs. Flame photometer readings are also given. This item is listed on the tear sheet.

RLC

Agricultural Charts Visuals. This set of 51 visuals is being sent in the March Releases. The material was adapted from the USDA Handbook of Agricultural Charts, November 1968. Additional copies of the visuals can be ordered at a price of \$1.40 per set. The item is included on the tear sheet.

JHH

Special to Sectional Chairmen. To date we have received completed survey forms on Audio-Visuals and Equipment from three sections. This survey is run about every five years by the IAVAT Vo-Ag Service Advisory Committee. Please return the survey forms as soon as possible and hopefully before April 1 so that they can be summarized before Conference time

JWM

Applications for Entrance. The following information was provided by Dean W. K. Wessels:

"High school seniors who wish to enter the University of Illinois, College of agriculture at Urbana-Champaign in September, 1969, should make application immediately if they have not already done so.

"While the quotas for new freshmen for several colleges at the University of Illinois at Urbana-Champaign have been filled there are a few remaining spaces in the College of Agriculture in all curricula except preveterinary medicine

"Eligibility for admission is determined by high school patterns of courses, high school rank and ACT composite score.

"Applications for admission may be obtained by writing to the Office of Admissions and Records, University of Illinois, Urbana, Illinois."

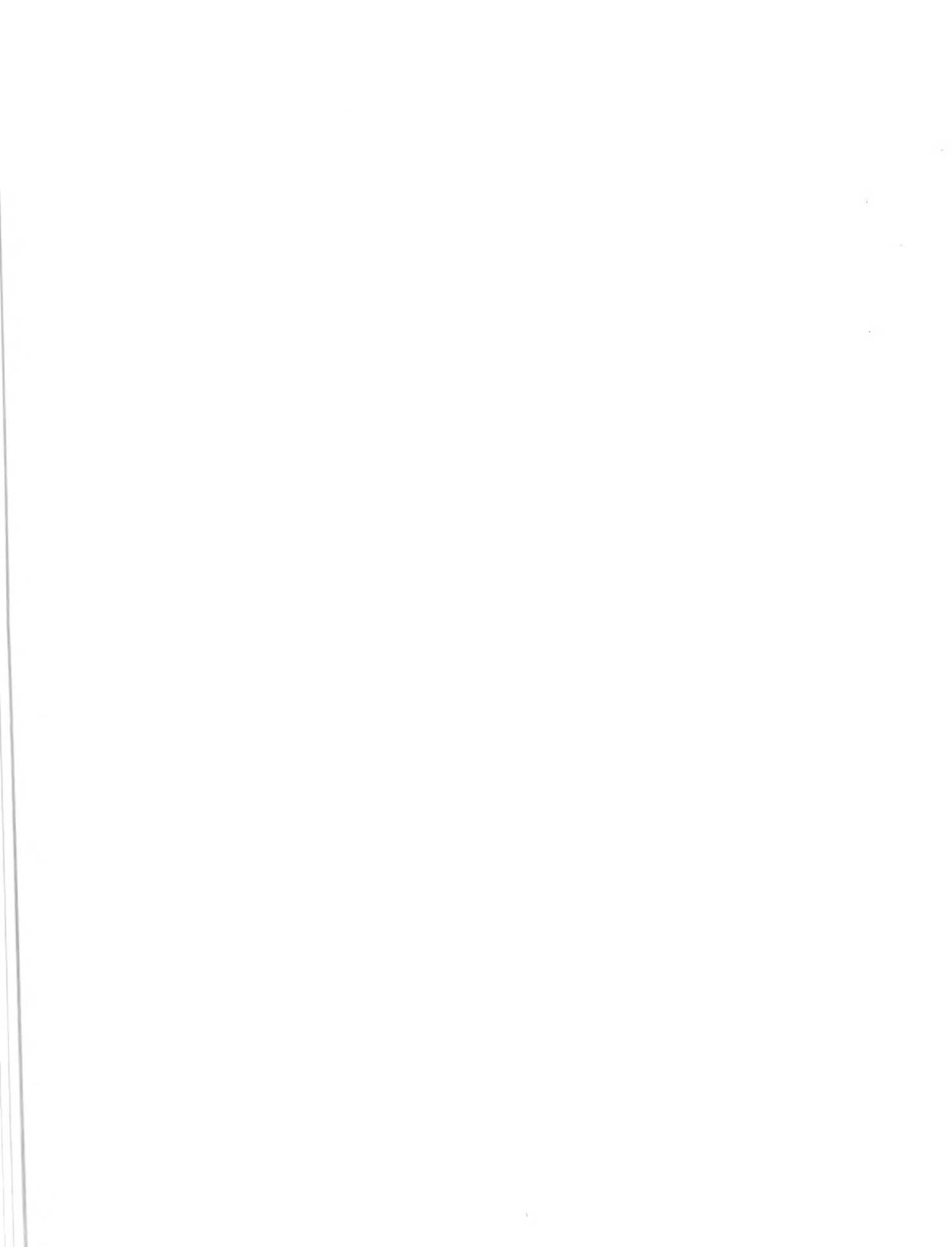
WKK/JWM



## NEW BOOKS

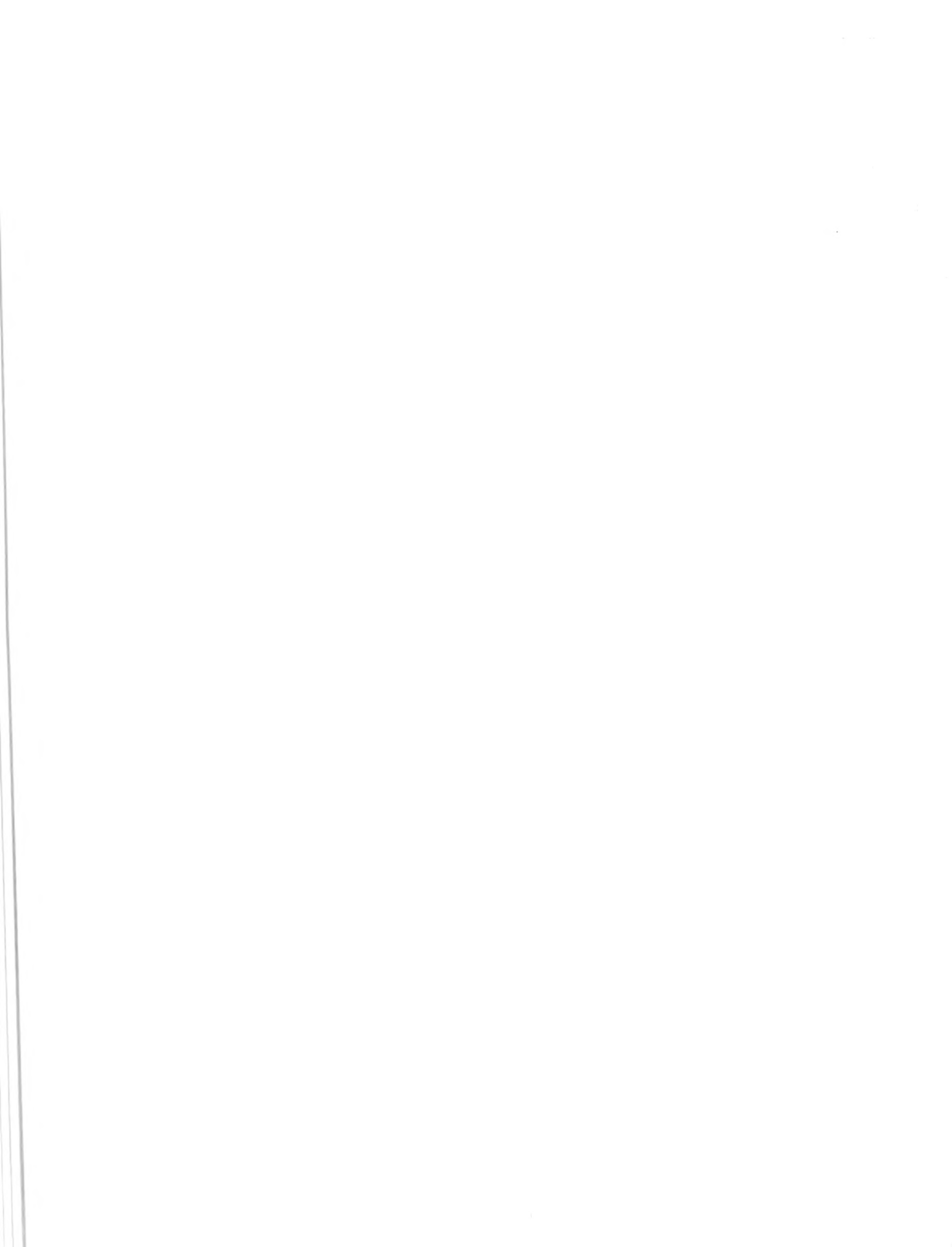
Every other year we go over our book display, contact all of the publishers, and bring the display up to date. We are now in the midst of this process. Since we are receiving new books every day, we will only have space to list these new books in the AIDS. About May 1 we will issue a new complete book listing and display all new books at the June Conference. The following books have been received since the last issue of the AIDS:

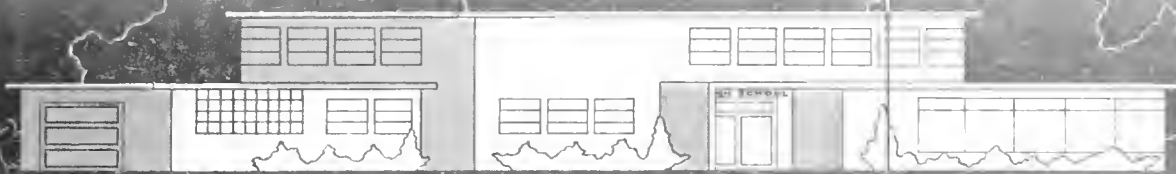
<u>TITLE</u>	<u>AUTHOR</u>	<u>DATE</u>	<u>PRICE</u>	<u>PUBLISHER</u>
The Complete Horseshoeing Guide	Wiseman	1968	\$4.95	University of Oklahoma Press Norman, Oklahoma
The Wild Turkey - Its History and Domestication	Schorger	1966	10.00	
National Electrical Code & Blueprint Reading	Graham & Gebert	1968	5.40	
Fundamentals of Carpentry, Vol. 1, 4th Ed.	Durbahn	1967	6.00	
Study Guide for Automotive Fundamentals, 3rd Ed.	Doll	1967	3.00	
Know Your Car, 2nd Ed.	Allen	1967	4.95	
Fundamentals of Electricity, 5th Ed.	Graham	1968	6.00	
Welding Skills and Practices, 3rd Ed.	Giachino, Weeks & Brune	1967	6.00	American Technical Society 848 East 58th St. Chicago, Ill. 60637
Heavy Timber Construction, 2nd Ed.	Oberg	1968	8.75	
Mechanism	Wilson & Michels	1969	11.80	
Electronic Technology	Dougherty	1967	7.15	
Food Preparation for Hotels, Restaurants & Cafeterias	Haines	1968	8.75	
Mathematics for Industry, 2nd Ed.	Rusinoff	1958	6.90	
Graphic Arts Procedures - Basic, 3rd Ed.	Karch	1965	5.75	
Career Counseling	Robertson (Editor)	1968	3.00	
Welding Technology	Giachino, Weeks & Johnson	1968	7.50	
Modern Marketing of Farm Products, 2nd Ed.	Mortenson	1968	6.00	Interstate, Printers & Publishers, Inc. Danville, Ill. 61832
When You Preside, 4th Ed.	Sutherland	1969	4.50	
Beef Cattle Science, 4th Ed.	Ensminger	1968	10.75	
Rural Recreation for Profit, 2nd Ed.	Smith, Partain, & Champlin	1968	7.25	
Introduction to Electricity and Electronics	Loper & Ahr	1968	7.60/5.70	Delmar Publishers Mountain View Ave. Albany, N. Y. 12205
Teachers Manual for same		1968	1.50	





Machine Tool Technology, 3rd Ed.	McCarthy & Smith	1968	13.20	McKnight & McKnight Bloomington, Ill. 61701
Drafting - Technical Communication	Wright	1968	8.60	
Projects in Wood Furniture	Douglas & Roberts	1967	6.60	
Architecture, Design- Engineering-Drawing	Spence	1967	7.95	
Architecture, Design- Engineering-Drawing, Quizzes and Problems	Spence	1967	2.60	
Understanding Your Car, 2nd Ed.	Beeler	1967	4.20	
Automotive Diagnosis and Tune-up, 4th Ed.	Wetzel	1965	8.80	
Study Guide for Automotive Diagnosis and Tune-up	Wetzel	1967	2.20	
Industrial Arts for the General Shop, 3rd Ed.	Olson	1968	7.00	Prentice-Hall, Inc. Englewood Cliffs, New Jersey 07632
Modern Farm Shop, Book 1	Ross & Craig	1954	1.28/.96	
Industrial Arts Drawing	Glazener & Clark	1958	1.28/.96	Steck-Vaughn Co. Austin, Texas
General Metalwork	Glazener	1968	1.44/1.08	
General Woodwork	Vernon	1968	1.44/1.08	
Exploring the Industries, Rev.	Groneman	1967	1.44/1.08	
Exploring Agriculture, 3rd Ed.	Evans & Donahue	1969	7.96	Prentice-Hall, Inc. Englewood Cliffs, N.J.
Farm and Personal Finance	Brake, Ed.	1968	2.50	The Interstate, Printers & Publishers, Inc. Danville, Ill. 61832
Technological Change & Economic Development	Strassmann	1968	12.50	Cornell University Press Ithaca, N. Y.
Agricultural Development & Economic Growth	Southworth & Johnson, Eds.	1967	2.50	
Understanding the Weather	Longstreth	1962	.95	
Mushroom Growing Today	Atkins	1966	5.95	The Macmillan Company 866 Third Avenue New York, N. Y. 10022
Reorganizing the High School Curriculum, 3rd Ed.	Alberty & Alberty	1962	8.50	
Professional Problems of Teachers, 3rd Ed.	Stinnett	1968	7.25	





# AGRICULTURAL EDUCATION NEWS

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

Central States Seminar. Several members of the agricultural education staff attended the Central States Seminar in Agricultural Education held in Chicago from February 10-13. Dr. Robert W. Walker was chairman of the Tuesday session on 'Manpower Needs in Agriculture.' Dr. Hollie Thomas served as recorder for this session. Several junior college teachers including Max Kuster, Donald Higgs, William Martinie, and James Nickell made presentations at the seminar. Dr. Phipps helped chair a discussion on programs for disadvantaged students.

PEH

New telephone and office numbers. The following changes have been made in the telephone and office numbers of division staff members:

	<u>Office</u>	<u>Telephone</u>
Dr. Lloyd Phipps	347	333-0807
Dr. Paul Hemp	357	333-3166
Mr. Kenneth Knell	358	333-3274

PEH

Correction in film listing. Teachers who are using the source unit Lawn Care and Management, should delete the film from Scotts which is listed on page 8.

PEH

Votec 276-277. Dr. Robert W. Walker will begin teaching a two-part course on campus during the second four weeks of the 1969 summer session, July 1 to August 8. Part two of the course will be offered during four weeks of the 1970 summer session. This course will be offered to teachers who have not had methods and student teaching and who wish to meet certification requirements for teaching agricultural occupations in Illinois secondary schools and junior colleges. Teachers wishing to enroll in the course should contact Dr. Robert W. Walker, 356 Education Building, University of Illinois, Urbana, 61801.

RWW

Staff Changes. Dr. Lloyd J. Phipps was appointed by the Board of Trustees, University of Illinois, as Chairman of the Department of Vocational and Technical Education, effective February 1, 1969. The Department of Vocational and Technical Education, College of Education, contains the Division of Agricultural Education, Division of Home Economics Education, Division of Industrial Education, and Division of Business Education. The Department is also responsible for professional education programs for vocational and technical administration, supervision, and other supportive personnel positions. Professor Phipps, in addition to his new administrative duties, will continue to teach courses in agricultural education and to advise students in agricultural education.

Dr. Paul Hemp is the new Chairman of the Division of Agricultural Education.

FB



Student teachers for the spring semester. Ten seniors will be participating in the student-teaching program from March 21 to May 9, 1969. Student teacher assignments have been made to Paxton, Roanoke, Rochelle, St. Joseph, Harvard and Champaign high schools. Student teachers, their home high school, and agricultural occupations teachers are as follows:

<u>Student</u>	<u>Home High School</u>	<u>High School Instructor</u>
Steve Phipps	Chrisman	Bert Fringer
Daniel Schneider	Mascoutah	R. L. Milligan
Donald Moffitt	Knoxville	James Litchfield
*Thomas Whieldon	Worthington, Ohio	--
James Phelps	Joliet	Max Kuster
Harold Vaughan	Fairfield	Herman McDonald
Ronald Olson	Serena	Clarence Tipton
Donald Kramer	Avon	Larry Melhouse
Thomas Weber	Mt. Carroll	Elmer Gerlach
Carl Burkybile	Casey	Donald Boyer

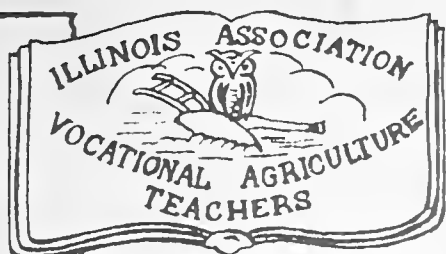
\*Graduate student working on master's degree in agricultural education.

RWW

Assistantships Available. The Agricultural Education Division will have both research and teaching assistantships in agricultural education to award for 1969-70. There is no deadline for submission of applications, but interested persons should submit their applications as soon as possible. Send letters of inquiry to Division of Agricultural Education, 357 Education Building, University of Illinois, Urbana, Illinois 61801.

LJP





Dedicated To The Education  
Of Rural America  
Affiliated With I.V.A.-A.V.A.-N.V.A.T.A.

# I A V A T NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

Congressman Donald Rumsfeld, Republican, Illinois, has effectively maintained an attack on the FFA organization and FFA Foundation, causing the FFA to be "kicked" out of the USOE. If one congressman can cause its removal, how many will it take to put it back in the USOE? This possibility is now being investigated by the NVATA and many friends of Agricultural Education. At this time I have not received word of any action program but it certainly would not be out of order to write to congressmen to see if they are aware of what is taking place and to seek their advice as to what can be done to stop the down-grading of Vocational Education and the youth groups.

We are extremely fortunate to be affiliated with an active organization such as the NVATA. I believe the IAVAT executive committee is well informed but could assume a more active role. The Association seems to bog down in the distribution of information. I realize we are always asking the membership to write congressmen, taking a stand on certain issues. Many times the members are not informed on the issue and do not feel qualified to write or call their Congressman. I'm not making excuses for you. I'm just trying to understand your position. We need to study the structure of our organization and improve our system of dispensing information. Perhaps the use of this newsletter could be improved. Some responsibility should be removed from the president and perhaps more responsibility could be given to the past president. This could give the president more time to function in his capacity. I am concerned about the general apathy of the average teacher. I know we are living in a period of less working hours, payment for all duties performed, and general improvement of working conditions. But, I do think we can improve our status by active participation in FFA activities, conducting an adequate adult program, keeping your community informed, and above all, include a good agribusiness course in your curriculum. If we continue to remain in the same production agriculture rut, training for farming, we will have no one to blame for our demise but ourselves. The general education, college bound program is not fulfilling the needs of many students. You have an opportunity to be of great service to the educational system in your community. The time to act is now.

E. E. W.

\*\*\*\*\*

May I call your attention to the February AIDS and the listing of the service awards pins. Two names can be added to the list of 10 year teachers:

Max Foster, Illinois Central College  
Mervin Mixer, Nauvoo-Colusa

Please check the list again and notify me if your name should be added.

\*\*\*\*\*

## SECTION 22 NEWS:

### Sectional Activities--

The sectional poultry and grain show was held at Columbia on December 7.

The finals of the sectional parliamentary procedure contest were held at Nashville on December 11. Mascoutah placed first in the contest.

AIDS, March 1969





Section 22 grain judging contest was held at Wesclin High School in Trenton on February 5. Belleville placed first in the contest.

Richard Guebert, the sectional vice-president, along with several chapter members from the section, participated in the IAA-FFA Holiday Conference at Illinois State University at Normal shortly after Christmas.

David Koch, Section 22 reporter from Red Bud, has been accepted to participate in the Illinois FFA International Understanding Program in Denmark for the summer.

Allen Strieker, Public Relations  
Section 22

\*\*\*\*\*

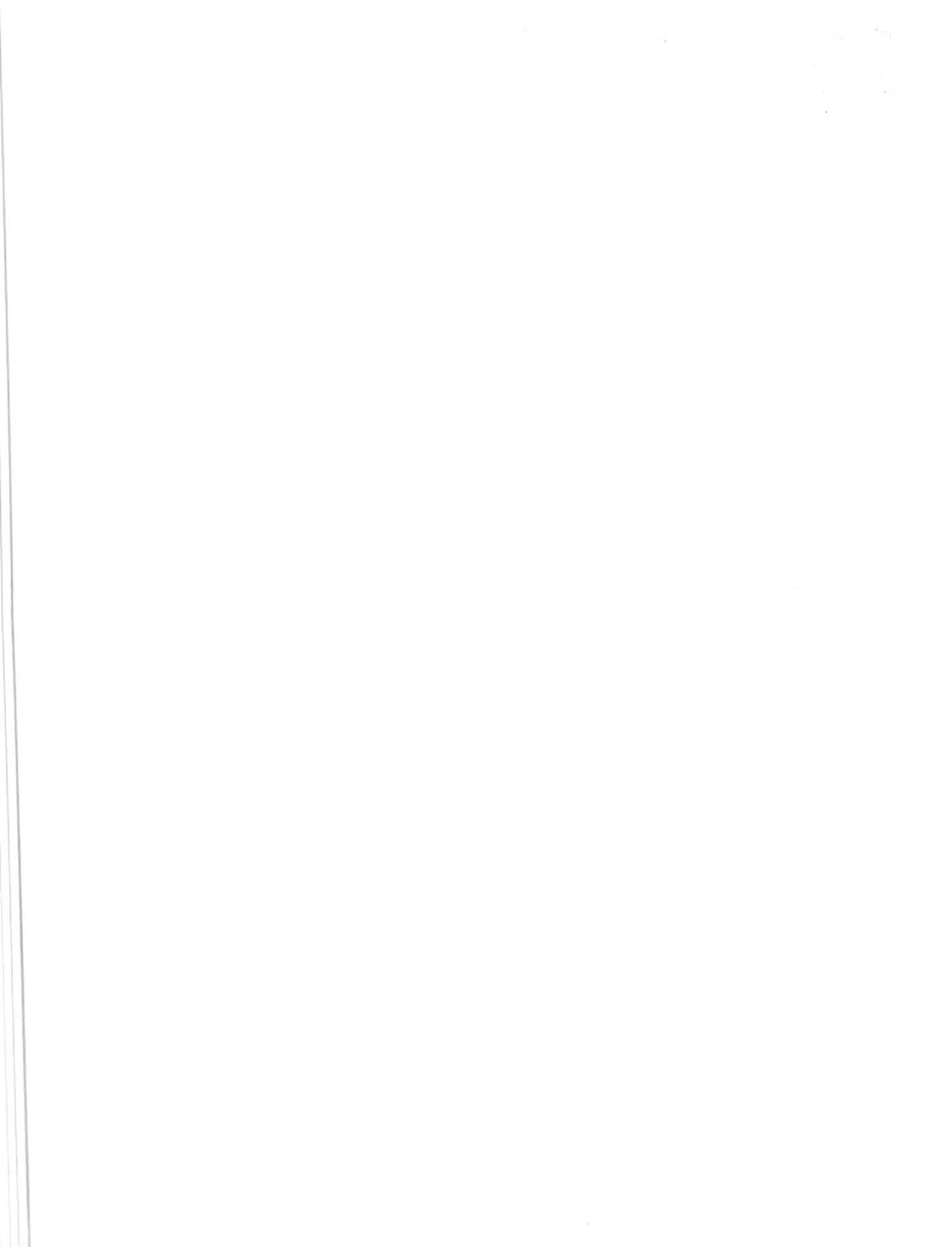
#### SECTION 25 NEWS:

Two schools in Section 25 are conducting adult welding classes, one at Eldorado High School under Agriculture Occupations Instructor Richard Sutton, and one at Shawneetown High School under Agriculture Occupations Instructor John Sutton. Due to heavy enrollment, each school has three sections.

Section 25 public speaking contest will be at Ridgway February 20 at 7:00 p.m. Mr. Sam Jones is host instructor.

\*\*\*\*\*

John Sutton, Public Relations  
Section 25



(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	<u>Item</u>
			Subject-Matter Units--
	\$.10		VAS 1042 Urea as a Ruminant Supplement (8 pgs.)
	.10		VAS 2024a Using Credit to Increase Farm Earnings (8 pgs.)
	.15		VAS 2025a Determining Credit Needs on the Farm (12 pgs.)
	.20		VAS 2026a Planning for Repayment of Loans (16 pgs.)
	.20		VAS 4009a Planning the Nitrogen Program (16 pgs.)
			***
	\$7.50		Sample Grain Rings for Judging (Complete Set of Four Rings)
	\$10.00		Soil Samples of Known Soil-Test Value (Set of Six Samples)
	\$1.80		Lawn Care and Management Packet
	\$1.75		Basic Text: Lawns and Ground Covers
			***
	\$1.40		Agricultural Charts Visuals (Set of 51)
			***
			***

Name \_\_\_\_\_ School \_\_\_\_\_

Address \_\_\_\_\_

Billing \_\_\_\_\_



INDEX TO ITEMS IN VOC. AGR. SERVICE SECTION

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Soil Samples of Known Soil-Test Value . . . . .	4
Special to Sectional Chairmen . . . . .	4
The Modern Way to Efficient Milking . . . . .	2



PRICE LIST OF FEEDS<sup>1/</sup>

Prices for some of the feeds used in supervised experience programs are listed below for students obtaining their feed at home. Purchased feeds can be recorded at prices paid.

Kind of feed	Feb. 14
Corn, shelled, bu. . . . .	\$ 1.08
Corn, ground shelled or ear corn, bu. . . . .	1.18
Oats, bu. . . . .	.66
Oats, ground, bu. . . . .	.76
Barley, (feed) bu. . . . .	.85
Barley, ground or rolled, bu. . . . .	.95
Grain sorghum, cwt. . . . .	1.65
Grain sorghum, cracked, cwt. . . . .	1.75
Whole milk, mfg. grade, cwt. . . . .	4.15
Corn silage, ton . . . . .	9.50
Sorghum silage, ton . . . . .	8.50
Haylage, ton . . . . .	15.00 <sup>2/</sup>
Clover and mixed hay ) All hay and straw prices . . . . .	22.50
Alfalfa ) are for baled. Figure . . . . .	25.00
Oat or wheat straw ) loose at \$5 less per ton . . . . .	17.00

<sup>1/</sup> Prepared in cooperation with the Department of Agricultural Economics.

<sup>2/</sup> Or convert to dry hay equivalent containing 90 percent dry matter.

**VOCATIONAL AGRICULTURE SERVICE**

University of Illinois - College of Agriculture  
434 MUMFORD HALL - URBANA, ILLINOIS 61801

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# VOCATIONAL - AGRICULTURE

# AIDS

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JUN 13 1969  
UNIVERSITY OF ILLINOIS

Volume 27, Number 9

April 1969

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Urbana, Illinois 61801

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State Board of Vocational Education and Rehabilitation

State of Illinois  
BOARD OF VOCATIONAL EDUCATION AND REHABILITATION  
Vocational and Technical Education Division  
405 Centennial Building  
Springfield 62706

April 1969

Vocational Agriculture Dates and Activities to Remember

- April 2            District FFA Public Speaking Contests  
                    District I - Geneseo High School, 6:00 P.M.  
                    District II - Lockport Central High School, 6:00 P.M.  
                    District III - Western Ill. Univ. (Life Sci. Bldg.), 6:00 P.M.  
                    District IV - Tolono Unity High School, 6:30 P.M.  
                    District V - Southern Ill. Univ. (Ag. Bldg. Rm. 234), 6:30 P.M.
- April 15            State Farmer Applications to State Office, Springfield
- April 15            American Farmer Applications to State Office, Springfield
- April 19            State FFA Foundation Awards Meeting, Urbana
- April 26            State FFA Extemporaneous Public Speaking Finals and Preliminary State  
                    FFA Prepared Public Speaking, Springfield
- April 30            Application Deadline for Section and Chapter Outstanding Reporter Awards
- May 1              Completed FFA Program of Work to Sectional Vice-President
- May 3              State Vocational Agriculture Livestock, Dairy, Poultry, and Crops Contests,  
                    Urbana
- June 1              Annual FFA Report to State Office, Springfield
- June 10-12        Annual State FFA Convention, Urbana
- June 11            State FFA Finals Prepared Public Speaking, Urbana
- June 16-19        Annual Conference Agriculture Occupations Teachers, Urbana
- October 15-17    National FFA Convention, Kansas City



# VO-AG SERVICE

## Announcements & Notes

Telephone - Area 217 - 333-3870

New Bulletins and Circulars. One new circular has been released this month. It is Circular 998, Tree Fruit and Nut Varieties for Illinois Home Orchards, 5¢. The price shown is for quantity distribution out of state. Illinois teachers may request copies in the usual manner. A copy of this circular was included in the April Agricultural Releases.

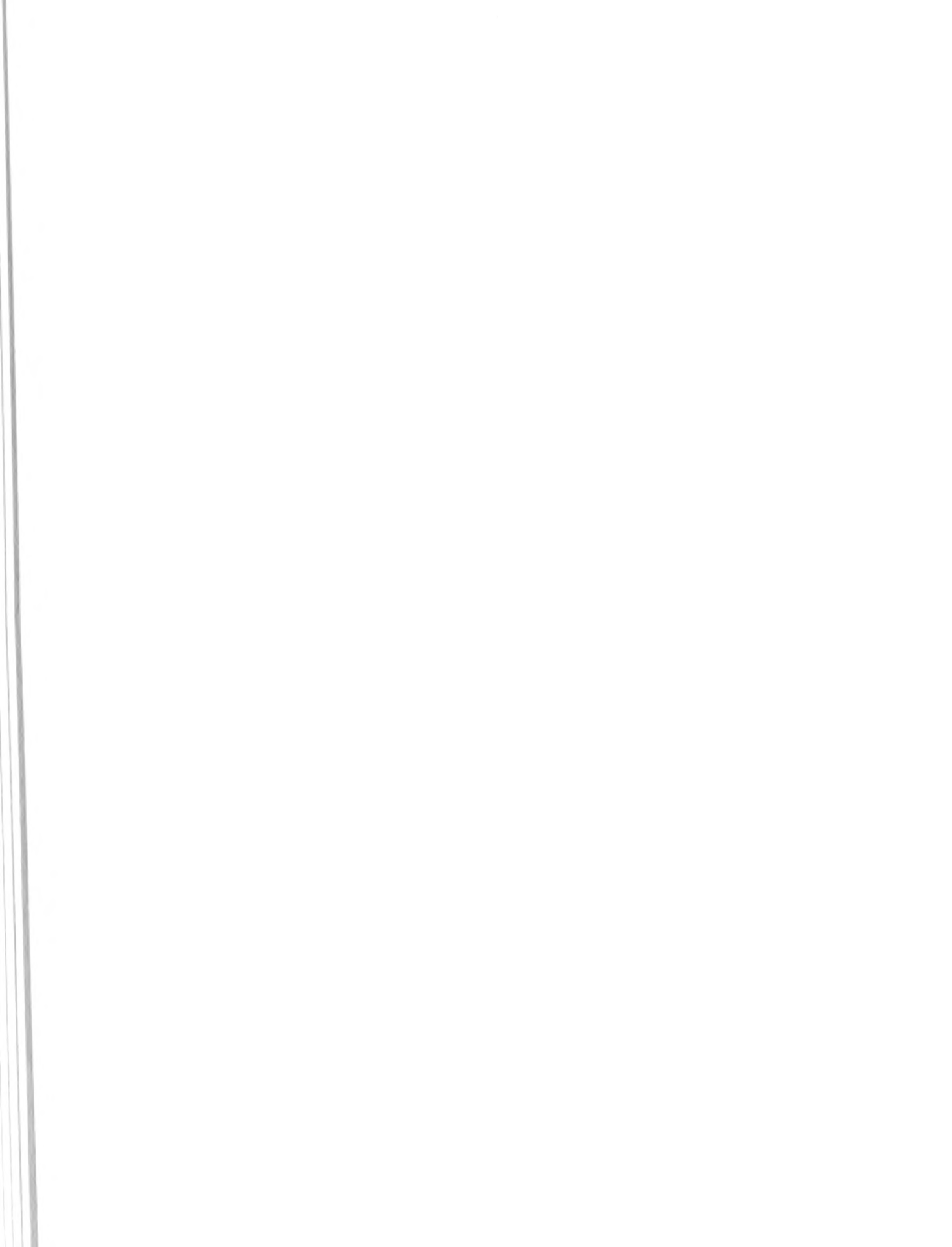
JWM

Engine Analysis Kit Schedule. The schedule for April and May is shown here as a reminder to schools that have kits reserved. Please notify us at once if we are in error, or if you wish to change your plans.

<u>Section</u>	<u>2 Weeks</u> <u>4/14-4/25</u>	<u>3 Weeks</u> <u>4/28-5/16</u>	<u>4 Weeks</u> <u>5/5-End of Year</u>
1		Leaf River	
2		Dixon	
3			Taylor Ridge
4			
5		Minonk	
6			Genoa
7	Shabbona		Sandwich
8		Yorkville	
9		Forrest	
10		Cissna Park	
11		***	
12			
13		Liberty	
14		Hartsburg	
15			
16		Clinton	
17			Tuscola
18		Catlin	
19		Taylorville	
20			
21		Sandoval	
22		Nashville	
23		Fairfield	
		Cisne	
24			Alto Pass
25		Dahlgren	

\*\*\*Kit scheduled in another section

JWM



Reminder to Sectional Chairmen. If you have not returned the completed survey forms on Audio-Visuals and Equipment from your section, we hope you can do so in the next week or two. This will still give us time to summarize and have the information ready to present at the June Conference.

JWM

Final Shipment of New Units. The final shipment of new units, other than Ornamental Horticulture units, was sent during March. This consisted of one unit, VAS 6001, Applying for a Job. A single copy was also included in the April Agricultural Releases. This unit is now available for open sale at 15¢ per copy and is included on the tear sheet order form in the back of this issue of the AIDS.

JHH

New Slidefilms. Six new or revised color slidefilms were sent the first part of March to all schools that have advance orders for slidefilms. They are as follows:

	<u>Price</u>
357A What Records Tell About This Farm	\$3.60
601 Garden Flowers, Annuals-Part I	3.10
610 Foliage Plant Identification, Part I	3.10
611 Foliage Plant Identification, Part II	3.10
640 Fertilizing and Watering Shade and Ornamental Trees	3.05
799 A Systematic Approach to Weed Control	3.25

They are listed on the tear sheet for general sale for those who may wish to order. In addition, the following color slidefilms have been developed this year and are also available but were not sent on advance order:

208A The Cow's Udder and How it Functions	\$3.05
610-Supp. Practice Set for Foliage Plant Identification, Part I	2.75
611-Supp. Practice Set for Foliage Plant Identification, Part II	2.75
770 Profitable Oat Production (handling charge only)	.25

RLC

Crop Seed Samples. Some teachers have questioned two of the crop seeds that were made up by the Agricultural Education Club. Sample No. 10 is Sericean lespedeza and No. 23 is Crownvetch. The problem is that there are a number of different kinds of lespedeza and vetch and their seeds look quite different. The samples sent out are correct as labeled.

I am sure that some of you are comparing these seeds with Korean lespedeza (brownish-black seed) and common vetch (black, pellet-sized seed) which are quite different than the two the club selected.

RLC

Agriculture Occupations Employment Opportunities Survey for Illinois. The following information is from Mr. George A. Richter, Supervisor of Agriculture Education:

'Sufficient time has elapsed so that all persons should have completed the survey of agriculture employment opportunities in their assigned areas. Please mail the completed surveys immediately to George A. Richter, 405 Centennial Building, Springfield, 62706.

'If you have not received the material to complete the survey, please contact your state supervisor.

"If our information is to be most beneficial, we need to survey every school district in Illinois. We solicit your cooperation."

GAR/JWM





Judging Contests. The livestock, dairy, poultry, and crops judging contests will be held on Saturday, May 3, starting at 10 A.M. Registration will be at the Voc. Agr. Instructional Materials Center from 8 to 10 A.M. Please, plan to arrive and register your teams as early as possible (9:00 o'clock or before) and avoid the traffic jam at the building.

If you have any questions on any of the contests, consult your 1969 Judging Rules or notify us at Vocational Agriculture Service. If you did not receive a set of rules or have misplaced your set, please let us know and we will send you another one.

WHW

Calendar of Events. The 1969-70 Calendar of Events was included in April Agricultural Releases going to all subscribers, except Illinois agricultural occupations instructors. Calendars, with state and district event dates printed in red, will again be distributed to Illinois teachers at the fall sectional meetings. If you wish to obtain copies of the plain calendar at this time, they are available at 20¢ per set.

WHW

National Electrical Code. We have received an additional supply of the 1968 National Electrical Code. They are available at a price of \$2.25 each and are listed on the tear sheet order form.

JWM

Portable Bleacher Plan. Included in April Agricultural Releases is a copy of a plan for a set of portable bleachers. These are intended for the Agricultural Mechanics shop and are designed to fold up when not in use. The plan was developed by Professor J. J. Paterson of Southern Illinois University. There are a few copies remaining in case you did not get one and are interested.

JWM

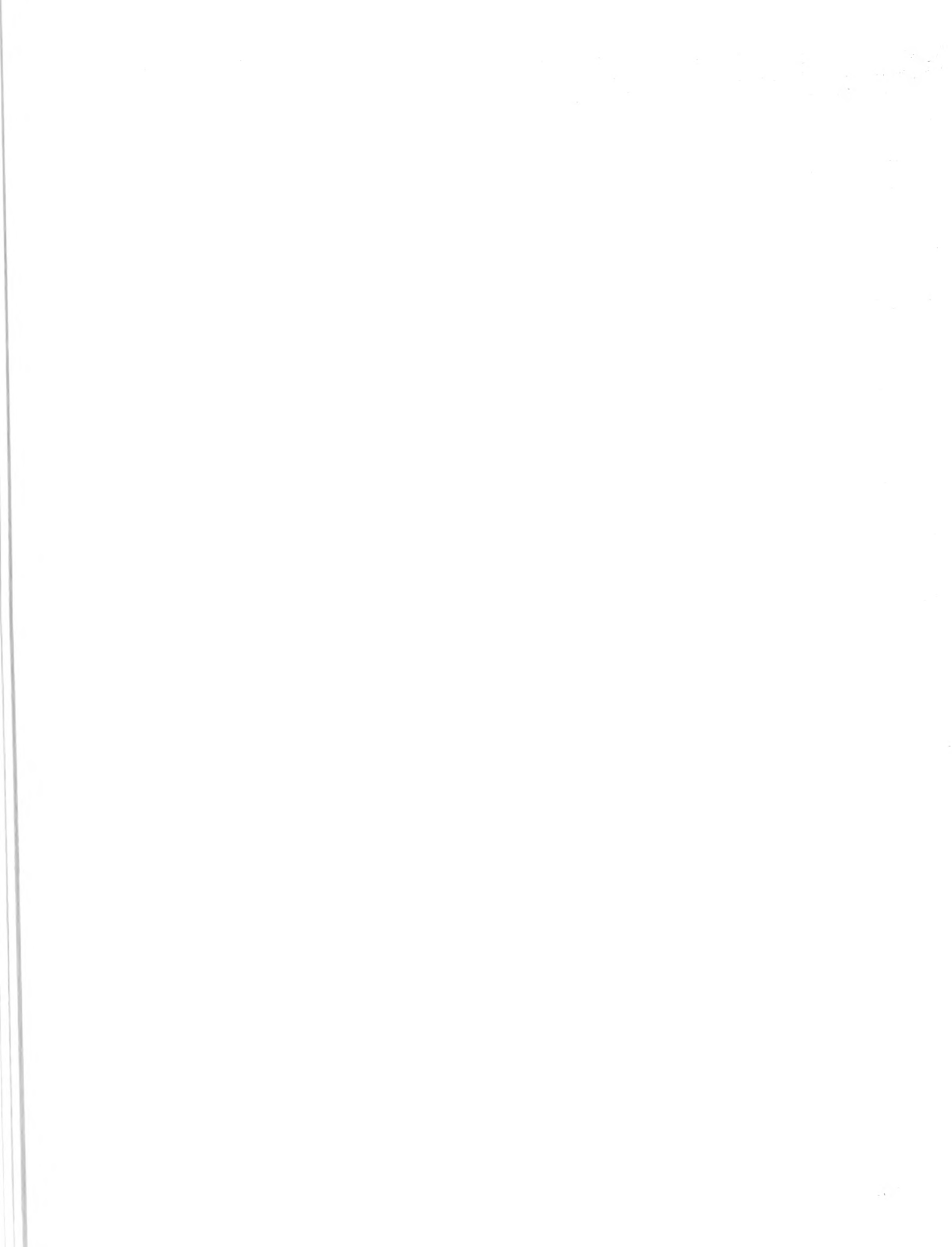
Questionnaire on Guide to Parliamentary Practices. If you received the request for help in revising the parliamentary practices booklet, please send us your comments or suggestions. If you did not receive such a request, we would welcome any suggestions that you might have also. When we revise the "Guide," we want to make it just as usable as possible. Please help us.

WHW

June Conference Courses. Included with this issue of the AIDS, going to agr. occupations instructors of Illinois, is a registration form for June Conference courses and tours. Please mark your first, second, and third choices for each time period. Since there are maximums on some of the courses and there are always courses that do not fill and have to be cancelled, we will move down your preferences, if you are affected. Your final registration and location of courses will be posted at conference time.

Please note that courses and tours are combined this year and that you register for tours as well as courses. This is quite different than former years.

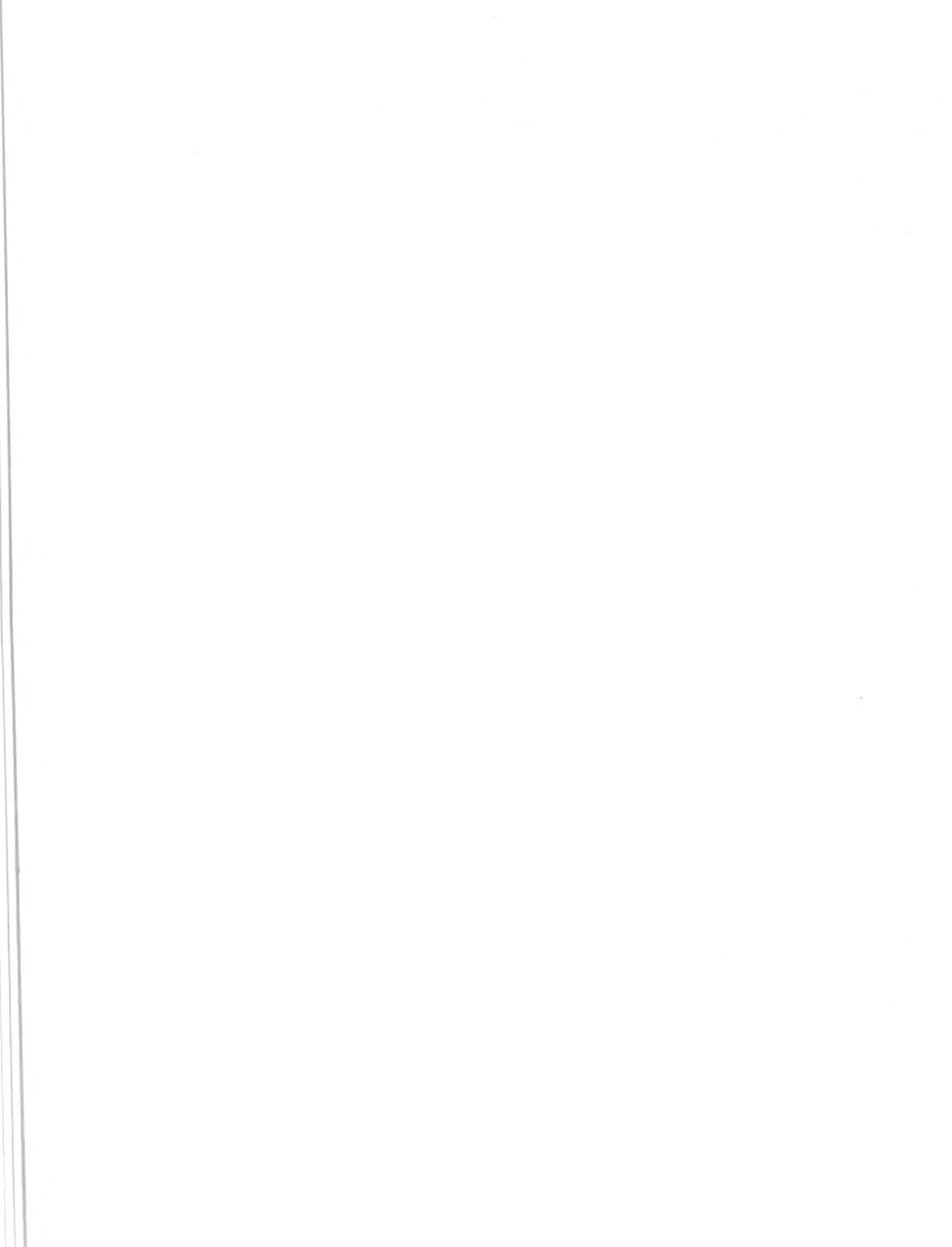
WHW



## NEW BOOKS

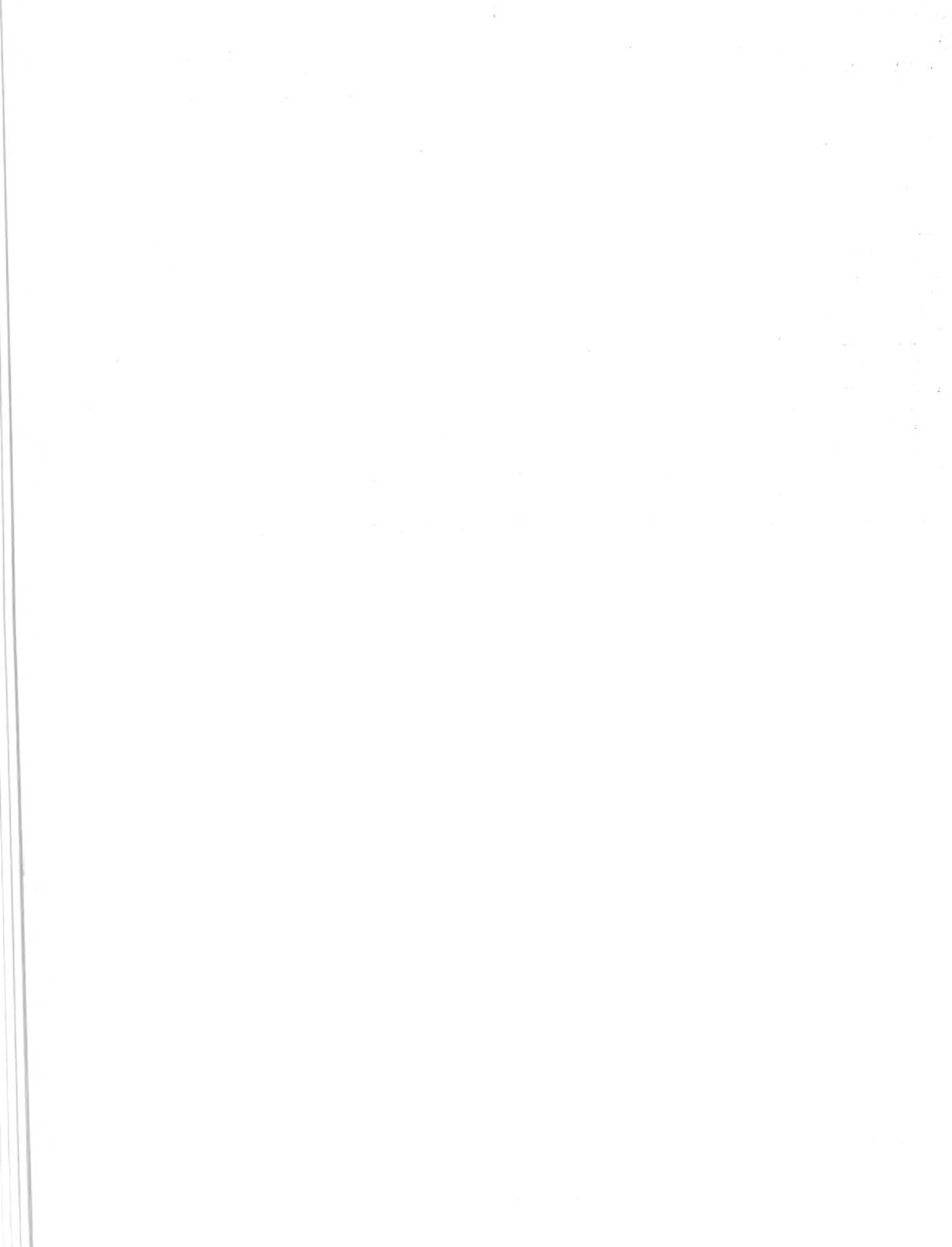
Every other year we go over our book display, contact all of the publishers, and bring the display up to date. We are now in the midst of this process. Since we are receiving new books every day, we will only have space to list these new books in the AIDS. About May 1 we will issue a new complete book listing and display all new books at the June Conference. The following books have been received since the last issue of the AIDS:

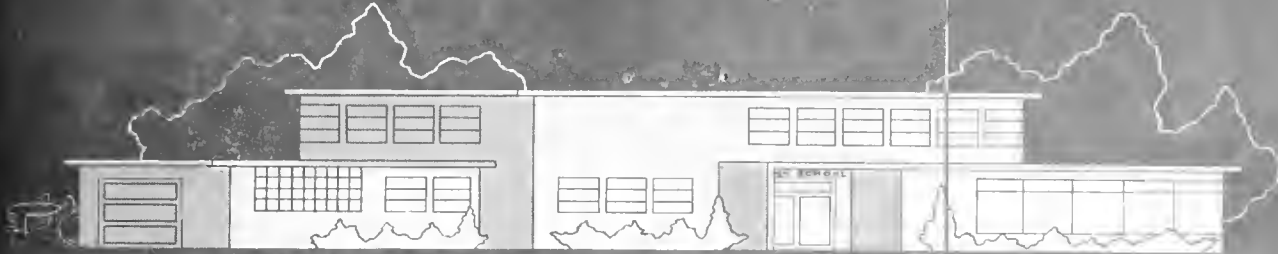
Developing Rural India	Mellor, et. al.	1968	\$10.00	Cornell University Press 124 Roberts Place Ithaca, New York 14850
A More Effective FFA, 3rd Ed.	Wall	1969	\$ 4.50	Interstate Printers and Publishers 19-27 N. Jackson Danville, Ill. 61832
Breeding and Improvement of Farm Animals, 6th Ed.	Andrews, Warwick & Legates	1962	\$12.50	McGraw-Hill Book Co. Technical and Vocational Education Division 330 West 42nd Street New York, N. Y. 10036
Commercial Flower Forcing, 7th Ed.	Laurie, Kiplinger & Nelson	1968	\$14.75	
Exploring the Industries, Revised 1967	Groneman	1967	\$1.44/1.08	Steck-Vaughn Co. Austin, Texas
Industrial Arts Drawing (Worktext)	Glazener & Clark	1958	1.28/.96	
General Metalwork (Worktext)	Glazener	1968	1.44/1.08	
General Woodwork (Worktext)	Vernon	1968	1.44/1/08	
Modern Fruit Science, 4th Ed.	Childers	1969	\$15.50	Horticultural Publications Rutgers University New Brunswick, N. J. 08903
Reproduction in Farm Animals, 2nd Ed.	Hafetz	1968	\$15.00	Lea & Febiger 600 Washington Square Philadelphia, Pa. 19106
Alternatives for Balancing World Food Production and Needs - Center for Agr. and Econ. Development, E. O. Heady, Ex. Director		1967	\$ 7.50	Iowa State University Press Press Building Ames, Iowa 50010
Bargaining Power for Farmers National Farm Institute		1968	\$ 3.95	
Agricultural Finance, 5th Ed.	Nelson & Murray	1967	\$ 9.50	
Marketing Farm Products, 5th Ed.	Shepherd & Futrell	1969	\$ 6.95	
Agricultural Price Analysis, 6th Ed.	Shepherd	1968	\$ 6.95	



(continued)

Advances in Production and Utilization of Cotton	Elliott, Hoover & Porter, Eds.	1968	\$ 9.50	Iowa State University Press Building Ames, Iowa 50010
Farm Power and Machinery Management, 5th Ed.	Hunt	1968	\$ 5.95	
Native Inheritance: The Story of Corn in America	Walden	1966	\$ 6.95	Harper & Row, Publishers Keystone Industrial Park Scranton, Pa. 18512
Illustrated Guide to Trees and Shrubs, Rev.	Graves	1956	\$ 6.95	
Familiar Trees of America	Grimm	1967	\$ 5.95	
Patterns of Life: The Unseen World of Plants	Harlow	1966	\$ 6.95	
Analysis Technique for Instructors	Fryklund	1965	\$4.25/3.40	The Bruce Publishing Co. 12 Barclay St. New York, N. Y.
Industrial Arts Laboratory Planning and Administration	Brown	1969	\$5.95/4.76	
Improving Instruction in Industrial Arts	Bakamis	1966	\$4.75/3.80	
Modern Wood Technology	Hackett & Spielman	1968	\$9.95/7.96	





## AGRICULTURAL EDUCATION NEWS

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

Graduate Student Advisement. Several teachers have asked if recent staff changes have resulted in changes in graduate advisers. The general policies which have been followed in the assignment of graduate student advisers are as follows:

1. Dr. Phipps will continue to serve as adviser to those graduate students who have been assigned to him.
2. Dr. Hollie Thomas is advising graduate students formerly advised by Dr. Warmbrod or Dr. Fiscus.
3. Dr. David Williams is advising graduate students formerly advised by Dr. Fuller.

If anyone is not sure who his adviser is, he may write Dr. Hemp and secure the name of his adviser.

PEH

Dr. Roy Dillon to Teach at Summer Session. Dr. Roy Dillon, Associate Professor of Agricultural Education at the University of Nebraska, will serve as a visiting professor at the University of Illinois at Urbana-Champaign this summer. Dr. Dillon was formerly chairman of the Agriculture Program at Morehead State University in Kentucky. He will teach Votec 476, Guidance in Agricultural Education, and assist with the teaching of other Votec courses this summer.

PEH

Votec 276-277. (Please note change in date.) The first part of a two-part course for teachers who have not had methods and student teaching and who wish to meet certification requirements for teaching agricultural occupations in Illinois secondary schools and junior colleges will be conducted during the second four weeks of the summer session.

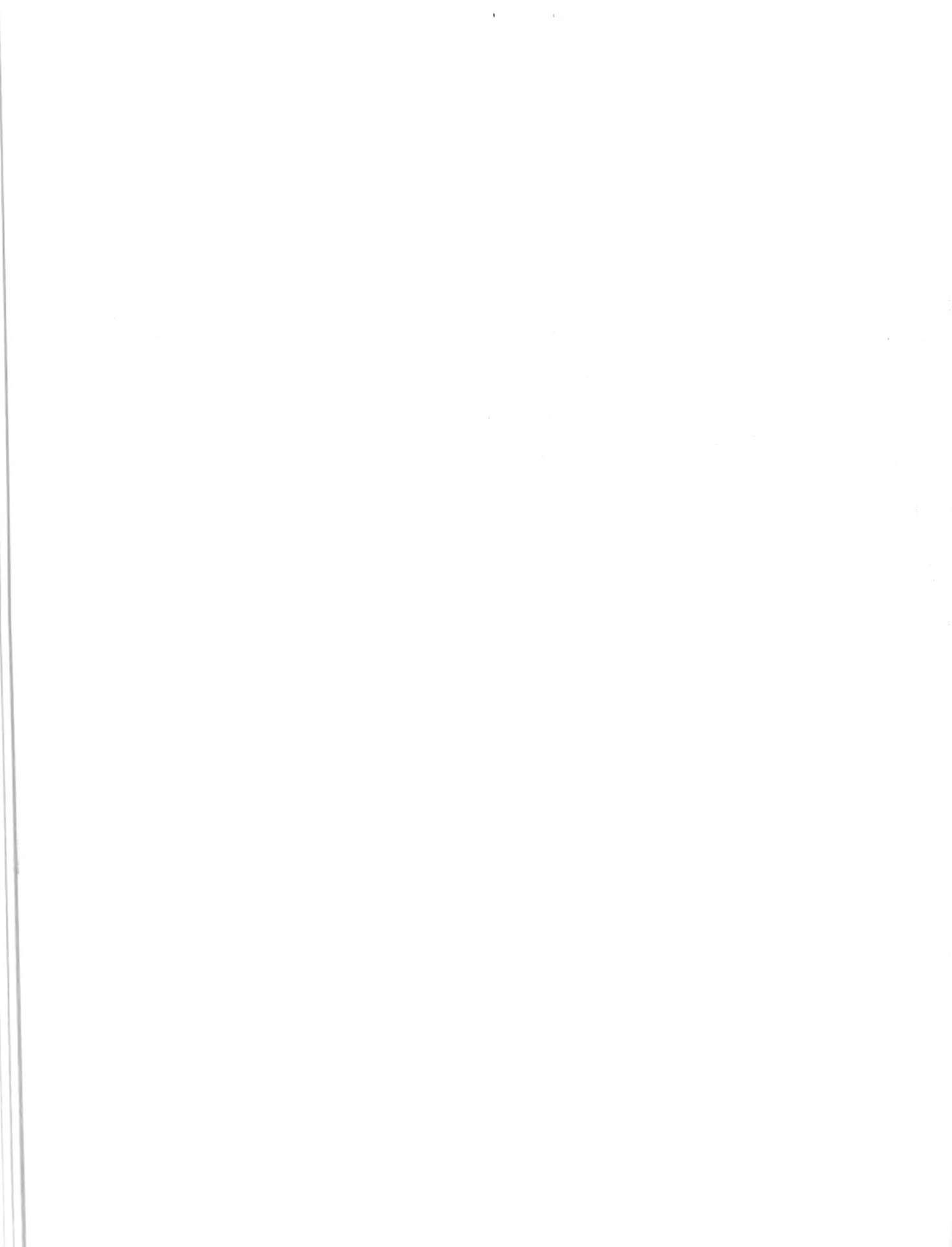
This announcement made in the March AIDS gave an incorrect starting date. The correct dates for the course are July 14 to August 8. Teachers wishing to enroll in the course should contact Dr. Robert W. Walker, 356 Education Building, University of Illinois at Urbana-Champaign, Urbana, Illinois 61801.

RWW

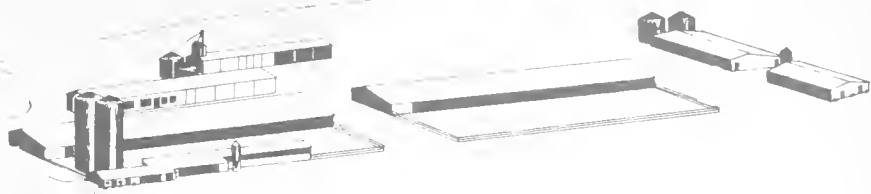
New Graduate Assistants for Spring Semester. Larry Miller is from Plymouth, Illinois. He graduated from the University of Illinois in 1965. He worked for  $2\frac{1}{2}$  years in agricultural sales. Last year he taught agricultural occupations in Wyoming, Illinois. He is a  $\frac{1}{4}$ -time graduate assistant working on a Master of Education degree in agricultural education.

David Berg graduated from Paxton Community High School in 1962. He enrolled in the University of Illinois and received his B.S. degree in agricultural education in August 1966. At this time he was also commissioned in the U.S. Army. Following two years active military duty, David is presently a  $\frac{1}{4}$ -time graduate assistant, and candidate for the Master of Education degree in agricultural education.

JFB



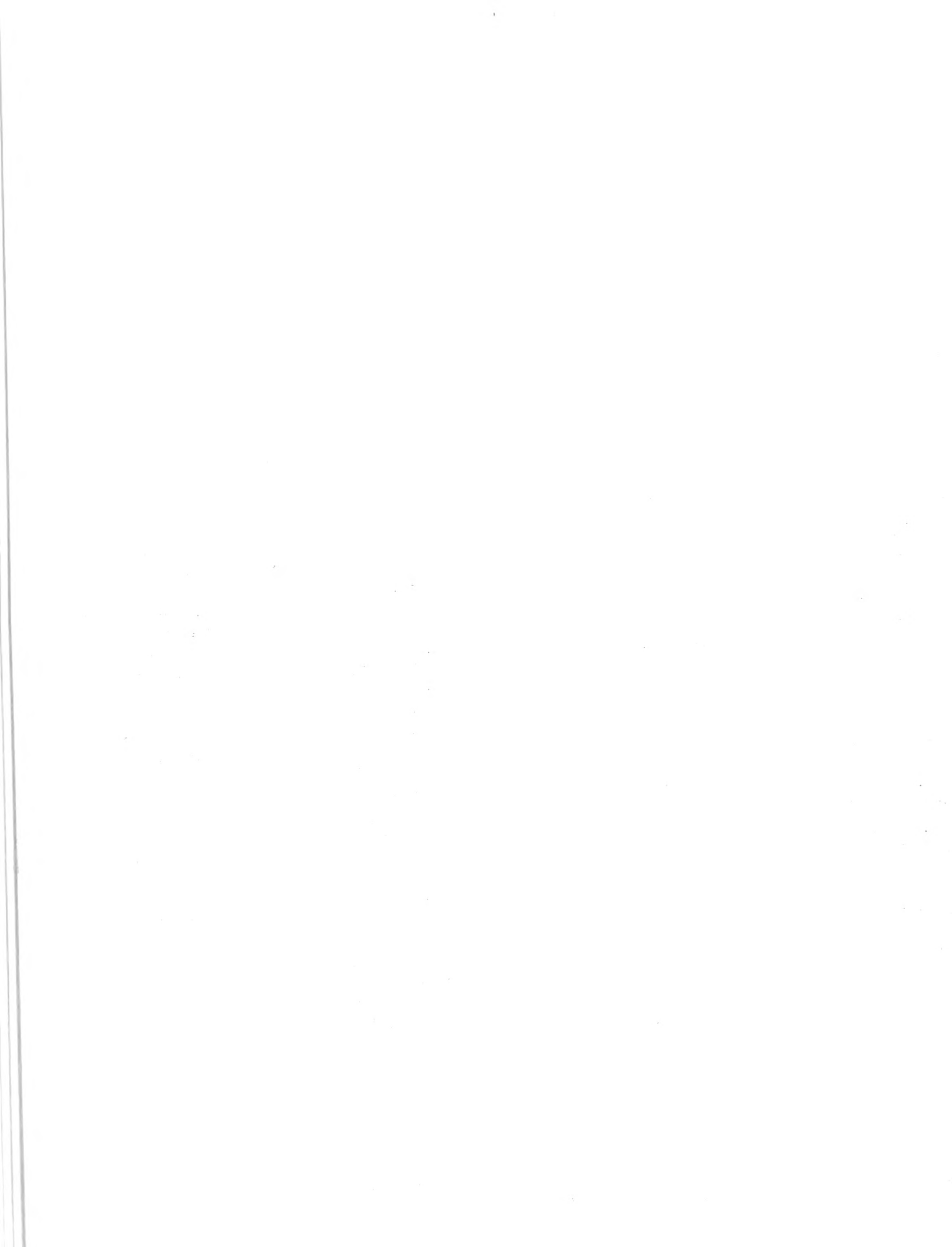




## AGRICULTURAL EDUCATION NEWS

Student Teachers for Second Semester. Twenty-eight students reported to their student teaching centers from Illinois State University on March 31. They will spend nine weeks, completing their assignment on June 4, 1969. Names of the student teachers and other data regarding their agriculture occupations background follows.

Aggertt, Donald	Ashland	Neal J. Coyle (3 yrs.)	Cambridge
Allen, Les	Warren (Monmouth)	Alvin Brock (1 yr.)	El Paso
Andris, Joseph	Saybrook-Arrowsmith	Eldon R. Aupperle	Litchfield
Baker, Harold K.	Pittsfield	---	Wapella
Bridger, John	Genoa-Kingston	Charles Ferguson	Yorkville
Britt, Robert	Newark	Merle Roberts	Seneca
		George A. Richter	
		Larry Kimble	
Bruce, Norman	Beason	Dorr Simer	Maroa-Forsyth
Douglass, Jerry	McLean-Waynesville	---	Dixon
Hanlin, James	Heyworth	Virgil Butler	New Lenox
Irwin, William	Chatsworth	Dwight Mobley	Sycamore
		John Smith	
		Lyle Cox	
		T. R. Miller	Mt. Pulaski
Kelley, Keith	Octavia	Ernest Sancken	Peotone
Knepp, Robert	El Paso	Gary Garlish	
		Harlan Ehmen	Oregon
Lewis, Lowell	La Moille	Clarence Kuster	Naperville
McClellan, Daniel	Normal	Bernard Goetze	Jacksonville
Merriman, Alan	Bluffs	Robert Albers	New Lenox
Moehring, Dale	San Jose	Harold Lindley	Eureka
Morris, Richard	Hopedale	John Olson	Normal
Myelle, Dennis	Kirkland	---	Dwight
Pearson, Tom	Pontiac	Henry Gartner	Washington
Pickrell, Joseph	Tri-City	George Walker	Farmer City
Stein, Ronald	St. Elmo	Rex Johnson	
		Richard Lowe	
		Geisler (2 yrs.)	Pontiac
Stevens, Lynn	Warsaw	Dan Vogler (2 yrs.)	
		George A. Richter	Mendota
Thorsen, Robert	Newark	Larry Kimble	
		Clarence Kuster	Flanagan
White, John	Normal	Albert A. Bain	Cambridge
Wills, Richard	Saybrook-Arrowsmith	Brian Telander	DeKalb
Young, Miles	Tri-Valley	Donald Sargeant	
		John Bartley	LeRoy
Young, Robert	Saunemin	Howard Cotter	Polo
Zimmerman, Raymond	Flanagan		KEJ



# S O U T H E R N   I L L I N O I S   U N I V E R S I T Y

C A R B O N D A L E

I L L I N O I S

School of Agriculture

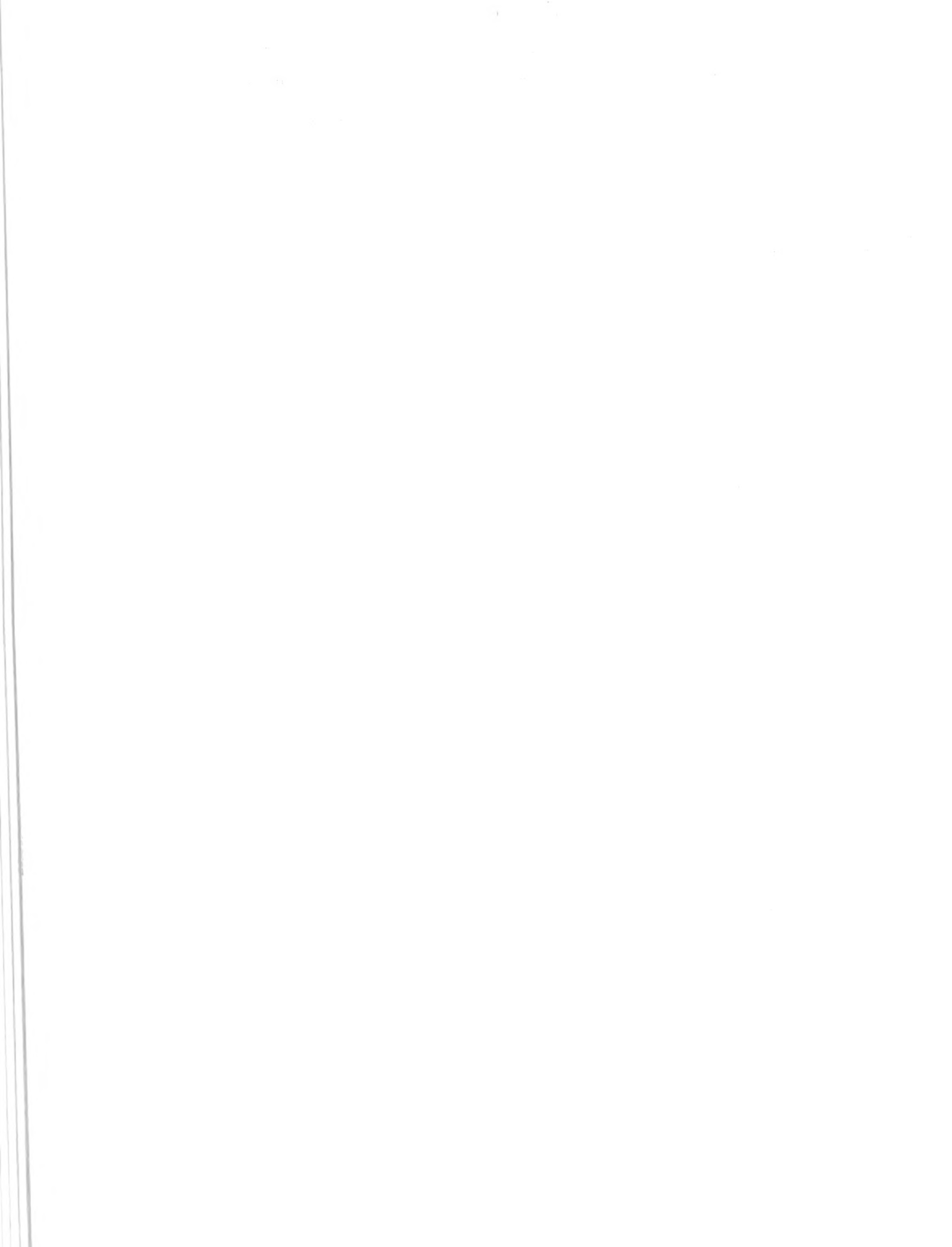
Agricultural Industries Department



Course Offerings at Southern Illinois University for Spring & Summer. Agriculture Industries 525 entitled Vocational Cooperative Education will be offered in the Spring quarter 1969 on Saturday morning from 9:00 to 12:00. It is a cross-listed course with Home Economics, Business Education and Trade and Industrial Education and is presently scheduled to meet in Tech. D. 130, March 5, 1969.

<u>Course No.</u>	<u>Title</u>	<u>Dates to be Taught</u>
Ag I 485-3	<u>Principles and Philosophies of Vocational Education.</u> To give an understanding of the nature and purposes of practical arts, vocational education, their relationships and differences and the place of each in preparing people for the world of work.	June 23-July 11 M T W Th F 8:30-10:20
Ag I 525-3	<u>Vocational Cooperative Education.</u> Interrelated cooperative programs as they are developed in America, and especially Illinois are presented. Coordinator's duties and responsibilities along with the operation of interrelated vocational cooperative programs are featured.	June 23-July 11 M T W Th F 10:30-12:20 (Will meet state certification requirements for coordinator)
Ag I 512-3 to 6	<u>Agricultural Occupation Internship.</u> Prepare coordinators to fulfill their responsibilities in selected areas of agricultural related occupations through: (1) an internship in the area of specialization, (2) orientation to related technical information.	June 23-July 18 M T W Th F 9:00-4:00 Aug. 4-Aug. 29 M T W Th F 9:00-4:00
Ag I 554-4	<u>Advanced Agricultural Marketing.</u> Current complex problems in agricultural marketing and methods of developing solutions; cooperative activities.	June 23-July 18 M T W Th F 2:30-4:30
Ag I 581-3	<u>Seminar.</u> Problems relating to various phases of farm loan.	June 23-July 18 M T W Th F 12:30-2:20
Pl I 407a-3	<u>Fertilizers and Soil Fertility.</u> The uses of fertilizer materials; effects of various fertilizers on soils and crops; fertility maintenance and soil management.	June 23-July 18 M T W Th 7:30-9:30 F 7:30-8:30
An I 565-4	<u>Advanced Swine Production.</u> Study and interpretation of research in swine feeding, breeding, housing, management and marketing problems	June 23-July 18 M T W Th F 7:30-9:20

TRS

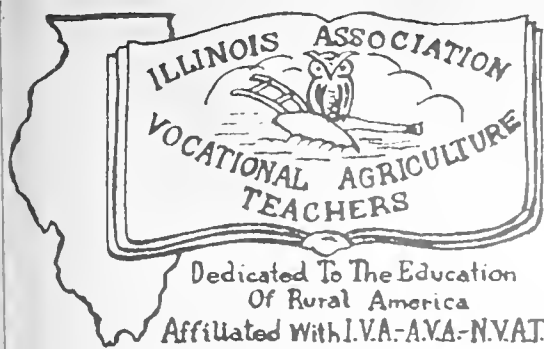


Students Qualifying to Teach Agricultural Occupations, 1968-69

<u>Student</u>	<u>Home High School</u>	<u>High School Agr. Occupations Instr.</u>	<u>Student Teaching Center</u>
John Bangert	Tonica	George O. Irvine	Columbia
James Bond	Galatia	James Bond, Sr.	Columbia
Steve Martin	Enfield	John Stevens	Olney
		Roger Johnson	
Carroll Barlow	Enfield	John Stevens	Joppa
		Roger Johnson	
Don Erkman	Enfield	John Stevens	Bridgeport
		Roger Johnson	
Kenneth Larson	Malta Twp. H.S.	Harvey Carley	Salem
Ron Monts	Clinton	Clyde Fry	Columbia
Anthony Martan	Raymond	William Doerr	Vandalia
Robert Maschhoff	Okawville	No Vo-Ag	Nashville
Larry D. Wesley	Eldorado	George Delaney	Olney
Dennis L. Harper	Bement	Oscar Ingram	Salem
Harold Puckett	Mills-Prairie	James Elliot	Pinckneyville
Frank Dry	Pinckneyville	Louis Templeton	Nashville
Richard Seidel	Wayne City	James K. Elliot	Christopher
Lloyd Benz	Kampsville	Chester Knight	Pinckneyville
John Edwards	Buffalo	Jack Taylor	Salem
		Henry Gartner	
Revis Turner	Clinton	Clyde Fry	Christopher
John Rentfrow	Neoga	Louis H. Wagner	Triad
Dennis Chambers	Magnolia-Swaney	Joe Hall	Pinckneyville
Ron Miller	Fairfield	No Vo-Ag	Triad
Ed Harmon	Kansas	Edward Voils	Pinckneyville
		Edward Gaskill	
Glen Mills	St. Elmo	Richard Lowe	Salem
Ron Biehl	Mt. Carmel	Robert Irvin	Nashville
Larry W. Miller	Witt	No Vo-Ag	Joppa
James Buzzard	Beecher City	No Vo-Ag	Christopher
Mike Cox	Ridgway	Jack Wiggins	Bridgeport
Stanley Weber	Wayne City	James K. Elliott	Christopher
Darrel Fain	Martinville	John Beaty	Olney
Ronald Fields	Gilson	James Litchfield	Joppa
Dean Brown	MacArthur High Decatur	No Vo-Ag	Nashville

TRS





# IAVAT NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

Agriculture occupations instructors in attendance during the IVA convention in Peoria are all in agreement that E. L. Bosomworth deserves a "pat on the back" for the excellent program provided for the IAVAT. E. L. heaved a noticeable sigh of relief on Saturday morning at the completion of the conference but I think he can be proud of one of the finest programs I have attended.

Ralph Guthrie and his staff distributed a two-page information sheet summarizing our past year of enrollment. It would be to your advantage to obtain a copy and study this report. It is reassuring to know that agriculture enrollment is increasing within the state and to realize our students are being placed in the jobs for which they are being trained.

Included in this newsletter is a report of the entire conference by our official recorder, P. E. Cross, District V Director. I urge you to read this report. It's another example of the fine job being done by your District Directors.

The Executive Committee met during their usual time on Saturday morning with all members in attendance. Many items of urgent business were discussed. I know you are interested in a report given by the judging contest committee pertaining to an agricultural mechanics contest. The Executive Committee appreciates the interest of our standing committees and the fact that they are willing to take their time to attend our meetings and give us their judgment. As a committee we will study their proposal and will soon make a recommendation to the membership. The committee also studied the proposed changes to the IAVAT Constitution. These changes will be received by you prior to the June Conference. I suggest you study the proposed changes carefully and be prepared to discuss and vote on them during our business sessions at Conference. Much time can be saved if you are prepared

\*\*\*\*\*

We are rapidly approaching the season of state judging contests. Each of you have a work assignment during the contests. The day will be successful if you complete your obligations. Report to your District Director in charge of your division promptly.

\*\*\*\*\*

I have mailed in the names I received for the 10- 20- 25- 30- 35- 40-year awards. Let's hope your name was included if eligible.

\*\*\*\*\*

The deadline has passed for the standing committee reports. If yours is not included, contact your District Director in charge or E. L. Bosomworth and explain when it will be received. These reports are important to our Association.

\*\*\*\*\*

Exchange-of-Ideas Contest. I know you fellows have good ideas for teaching aids in both the classroom and shop phases of agriculture occupations. Let's enter your "pet" aid in the Exchange-of-Ideas Contest and bring it to the June Conference. It may win for you the envy of your fellow teachers and the coveted trophy. Fill in the entry form at the back of this issue of the AIDS and mail it in today.

\*\*\*\*\*





First General Session  
IAVAT Section Meeting of IVA  
E. L. Bosomworth, Chairman  
Friday, February 28, 1969

The first order of business was announcements by Vo-Ag Service, Southern Illinois University, Illinois State University, University of Illinois, and the State Office.

The Vo-Ag Service announcements were presented by Dr. John Matthews. These announcements included the present condition of advanced orders, subject-matter units, and the survey of audio-visual equipment and aids used by vo-ag teachers in Illinois.

The announcements for the Universities were made by the following persons: Dr. Tom Stitt--Southern Illinois University; Dr. Kenneth James--Illinois State University; Dr. L. J. Phipps--University of Illinois. These announcements contained information concerning present enrollment in agriculture education, summer school for teachers, and new classes.

Next we were honored with a presentation by Congressman Roman Pucinski entitled "My Views of Vocational Education." Mr. Pucinski pointed out we were fortunate in Illinois to have Mr. Dees, Dean Evans, and Dr. Simpson as leaders of vocational education. Mr. Pucinski views vocational education, particularly agriculture, as the key to our society. He stated that by the mid 70's the United States would have a trillion dollar economy. He also pointed out that agriculture is the largest single industry in America and that the greatest single threat to our economy, by the year 2000, will be to produce enough food for our population.

Mr. Pucinski also stated that vocational education must be relevant to our times and for us, as vocational educators, not to bind ourselves to old traditional programs because of convenience or unwillingness to change. He views our jobs as providing programs to meet the needs of our students and our economy. Although Mr. Pucinski does not condone the student unrest in our school systems, he feels they are trying to tell us something in regard to their needs. He noted that 27% of the unemployed in the United States were in the 16-19 year old group, and that it is our job as vocational educators to correct this problem.

Mr. Pucinski expects vocational educators to become the leaders of education in the future. He feels we have the greatest opportunities ever available in vocational education, and that we must realize the importance of our assignment and prepare for the future. He stated that the Government can provide the tools, but we must be the ones to use these tools to meet the needs of our times.

Mr. Sherwood Dees, Director of Vocational and Technical Education, presented "A Look Ahead at Vocational Education."

Mr. Dees feels that agriculture education is at a crossroads, and that we must decide which road to take. He feels the work in agriculture education in the past has been excellent, but feels if we must broaden our spectrum for the future to include a new and total program that will meet the needs of the students.

Mr. Troy Coleman, Special Agent FBI, presented "Responsibilities of the Teachers, Citizens, and the FBI." He presented a most challenging speech in regard to our duties as teachers and citizens of our country.

Mr. Coleman feels our society is in a state of hypocrisy and apathy. He attributes this state to the lack of the following: Faith in a supreme being; individualism; integrity; courage; discipline; and vision. He feels that we as teachers can help eliminate this state.

(cont.)



Second General Session  
Panel Vocational Education-Student Centered

Members of Panel

Milton Renaud - Agricultural Mechanics Instructor, Illinois  
Central College, Peoria  
Marvin Damerson - Principal, Kewanee High School  
Jim Trotter - Agriculture Occupations Instructor, Warsaw  
Art Phillips - Agriculture Occupations Instructor, Eureka  
Gerald Eling - Harper and Sauder Co., Eureka  
Ralph Guthrie - Chief, Agriculture Occupations

This discussion supported the idea that vocational education should truly be student centered. We should become more concerned with student needs rather than solely with subject matter.

\*\*\*\*\*

SECTION 12 NEWS:

Everyone in Section 12 has been doing a fine job except their public relations man.

August 16 & 17 - FFA Leadership Camp at Astoria. Mr. Raistrick and Mr. Russell organized a real impressive camp.

October 1 - Land Use Selection Contest at Tremont. Mr. Dowell and his students did an excellent job.

November 2 - Grain Show & Judging Contest at Astoria. We tried a shelling percentage class. Mr. Russell says that Canton's athletic scales are off.

November 21 - Parliamentary Procedure Contest at Cuba. Ten schools participated.

January 23 - Preliminary Foundation Awards Meeting at Havana. Mr. Raber doesn't know the difference between restaurants yet, but he is learning.

February 1 - Avon - Foundation Awards Meeting. Mr. Melhouse sure makes good coffee and donuts.

February 13 - Public Speaking Contest at Canton. Fred was sure wound up. Members of the local Toastmasters Club were the judges.

February 20 - Officers-Sponsors Banquet at Fairview. Over one hundred FFA officers and guests attended. Mr. Hain had two pieces of pie.

Section 12 teachers usually invite their wives to their sectional meetings. It makes for good home relations except when you forget to invite her. I wonder if Mr. Raber is out of the dog house yet? Only one problem has developed. The ladies usually get louder than the men and have to be quieted down.

Who told Mrs. DeWolfe she couldn't get stuck in her driveway?

Larry Melhouse has a nice new house, but no house warming party.

Section 12 is planning a Mechanics Contest May 17 at Lewistown. Any information on previous contests would be greatly appreciated.

James Shaffer  
Public Relations Officer

\*\*\*\*\*



## SECTION 7 NEWS:

From Streator we hear that the Roger Webbs have a new baby boy. Congratulations!

Leland has a new advisory council with activities starting in December. Their adult class started soon after.

Fred Morris of Mendota has a farm planning course going for adults. Farms are visited and the operator comes to the class to explain the operation and discuss income possibilities for 1969. Dairy, hog, and beef farm operations have been discussed.

The Shabbona FFA under Jack Niles recently sponsored their annual Pancake and Sausage Supper. They served over 300 people.

Gary Brucker of Morris got his deer this year. He also has a beautiful new pool table in the finished basement of the new Brucker home. Gary is ready to challenge the best of the cue artists.

Eike of Ottawa "also shot" in the recent deer season.

The Ken Johnsons of Woodland had a two-week winter vacation in Florida.

Newlyweds Wes and Ann Thompson of Serena are living on a farm north of Serena.

That active Tonica FFA chapter reports completion of their pest hunt with losers treating winners to a chicken dinner. They were represented at the IAA-FFA winter conference by Dick Strack. Advisor George Irvine is now a 6-gallon blood donor.

Section Chairman Bob Daniels of Waterman reports that Vernon Baker, Section 7 Foundation Committee Chairman, and his active committee have exceeded their foundation goals by \$250.

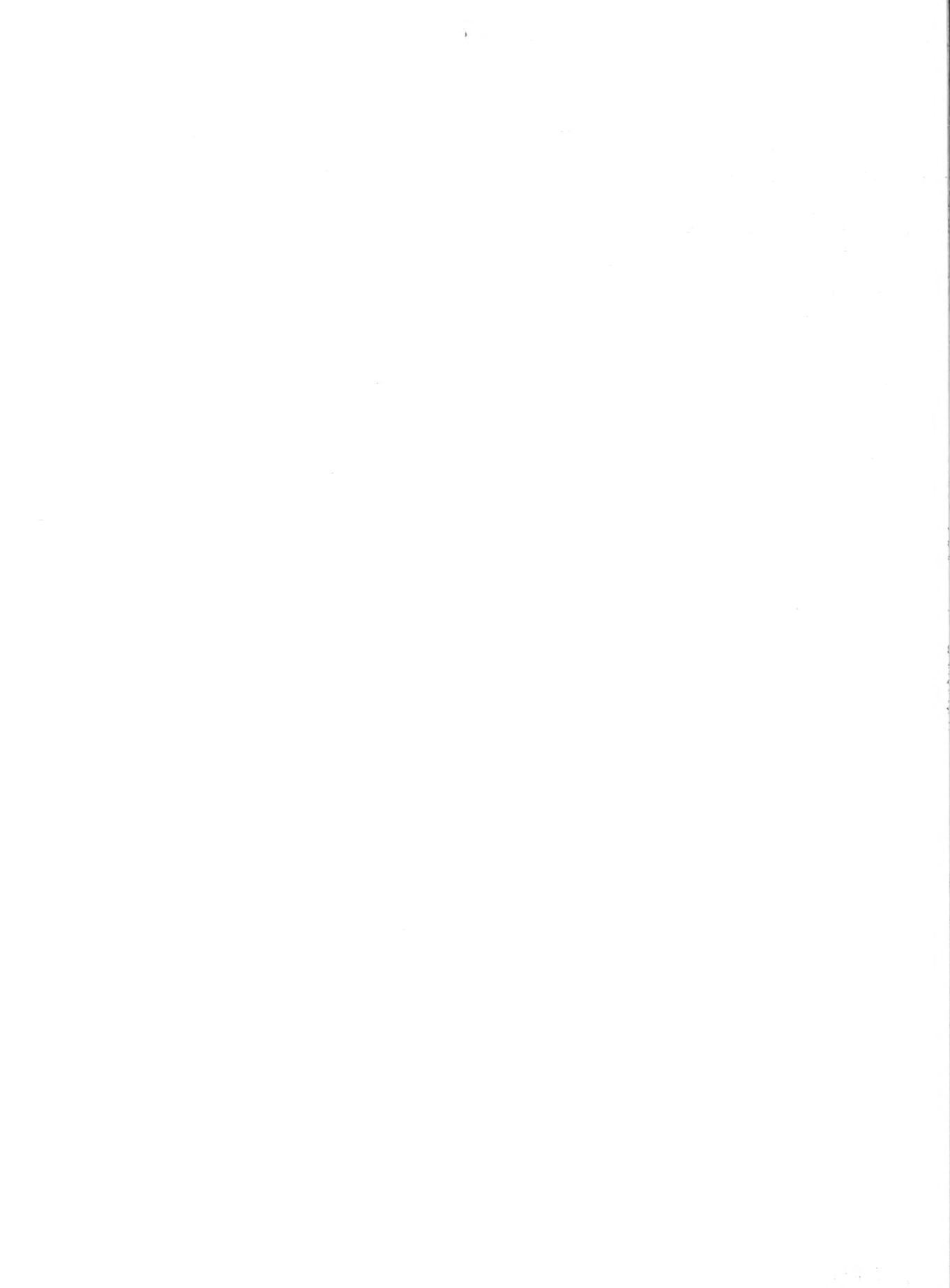
Seneca's National FFA Week activities created a lot of local interest in the agriculture program. Activities included school and downtown window displays, news articles, a promotional billboard, and a radio program. Student teacher Roger Brown from ISU is back in college for his last semester, and will be looking for a teaching job in northern Illinois after graduation in June.

Sherwood Jackson  
Public Relations Officer

\*\*\*\*\*

## LATE NOTE

I received a telephone call from Gayle Wright, Parkland College, explaining an inservice program in tractor mechanics to be offered for agricultural occupations instructors this summer. If you are interested, contact Gayle for further details.



(tear sheet)

ENTRY BLANK - LAVAT - EXCHANGE--OF--IDEAS CONTEST

I propose to display the following item(s) in the LAVAT Exchange-of-Ideas Contest at the June Conference:

Class 1 - Field and Shop Aids

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Class 2 - Classroom Aids

---

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Signed \_\_\_\_\_

School \_\_\_\_\_ Zip Code \_\_\_\_\_

Return this entry blank to Vocational Agriculture Service, 434 Mumford Hall, Urbana, Ill. 61801.

Bring entry to Vocational Agriculture Service Instructional Materials Center when you come to the Conference.





TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	
	\$3.60		Slidefilms--
	3.05		357A What Records Tell About This Farm (color)
	3.10		208A The Cow's Udder and How it Functions (color)
	3.10		601 Garden Flowers, Annuals-Part I (color)
	2.75		610 Foliage Plant Identification, Part I (color)
	3.10		610-Supp. Practice Set for Foliage Plant Identification, Part I (color)
	2.75		611 Foliage Plant Identification, Part II (color)
	3.05		611-Supp. Practice Set for Foliage Plant Identification, Part II (color)
	.25		640 Fertilizing and Watering Shade and Ornamental Trees (color)
	3.25		770 Profitable Oat Production (handling charge only) (color)
			799 A Systematic Approach to Weed Control (color)
	.15		Subject-Matter Unit-
	2.25		VAS 6001 - Applying for a Job (12 p.)
			1968 National Electrical Code

Name \_\_\_\_\_ School \_\_\_\_\_

Address \_\_\_\_\_

Billing \_\_\_\_\_



INDEX TO ITEMS IN VOC. AGR. SERVICE SECTION

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National Electrical Code . . . . .	3
New Bulletins and Circulars . . . . .	1
New Books . . . . .	4 & 5
New Slidefilms . . . . .	2
Portable Bleacher Plan . . . . .	3
Questionnaire on Guide to Parliamentary Practices . . . . .	3
Reminder to Sectional Chairmen . . . . .	2



PRICE LIST OF FEEDS<sup>1/</sup>

Prices for some of the feeds used in supervised experience programs are listed below for students obtaining their feed at home. Purchased feeds can be recorded at prices paid.

<u>Kind of feed</u>	<u>March 14</u>
Corn, shelled, bu. . . . .	\$ 1.07
Corn, ground shelled or ear corn, bu. . . . .	1.17
Oats, bu. . . . .	.64
Oats, ground, bu. . . . .	.74
Barley,(feed) bu. . . . .	.83
Barley, ground or rolled, bu. . . . .	.93
Grain sorghum, cwt. . . . .	1.65
Grain sorghum, cracked, cwt. . . . .	1.75
Whole milk, mfg. grade, cwt. . . . .	4.10
Corn silage, ton . . . . .	9.50
Sorghum silage, ton. . . . .	8.50
Haylage, ton . . . . .	15.00 <sup>2/</sup>
Clover and mixed hay) All hay and straw prices. . . . .	22.00
Alfalfa ) are for baled. Figure . . . . .	24.50
Oat or wheat straw ) loose at \$5 less per ton . . . . .	17.00

<sup>1/</sup>Prepared in cooperation with the Department of Agricultural Economics.

<sup>2/</sup>Or convert to dry hay equivalent containing 90 percent dry matter.

**VOCATIONAL AGRICULTURE SERVICE**

University of Illinois - College of Agriculture

434 MUMFORD HALL - URBANA, ILLINOIS 61801

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# VOCATIONAL - AGRICULTURE

# AIDS

Volume 27, Number 10

May 1969

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JUL -1 1969  
UNIVERSITY OF ILLINOIS

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State Board of Vocational Education and Rehabilitation



State of Illinois  
BOARD OF VOCATIONAL EDUCATION AND REHABILITATION  
Vocational and Technical Education Division  
405 Centennial Building  
Springfield 62706

May 1969

Vocational Agriculture Dates and Activities to Remember

- |               |  |
|---------------|--|
| May 1         | Completed FFA Program of Work to Sectional Vice-President                          |
| May 3         | State Vocational Agriculture Livestock, Dairy, Poultry, and Crops Contests, Urbana |
| June 1        | Annual FFA Report to State Office, Springfield                                     |
| June 10-12    | Annual State FFA Convention, Urbana  |
| June 11       | State FFA Finals Prepared Public Speaking, Urbana                                  |
| June 16-19    | Annual Conference Agriculture Occupations Teachers, Urbana                         |
| October 15-17 | National FFA Convention, Kansas City   |



# VO-AG SERVICE

## Announcements & Notes

Telephone - Area 217 - 333-3870

Registrations for June Conference Courses and Tours. All registrations received before April 16 were given first choice. Some received since then have been placed in second choice and a few in third. If you have not sent in your registration yet, here are some facts that you may wish to know.

Courses that are closed--

Jr. College Teaching, by Williams  
Confinement Rearing of Swine Tour, by Jensen

Courses with large enrollments--

New Developments in Swine Feeding (37)  
Breaking the Soybean Barrier (39)  
Landscaping Your Home (47)  
Practice Session on Evaluating Live Hogs (51)  
Agronomy South Farm Tour (54)

Some of these may not be closed but are getting large enough that there will be a problem of seeing or hearing.

Your final registration will be posted at the Conference.

WHW

SPECIAL TO TEACHERS. A copy of the WIVES June Conference Program is included in this issue of the AIDS. An excellent program has been planned by Mrs. Bill Martine President of the Wives' Group. Please take this home to your wife and encourage her to come to the Conference with you.

JWM

Bulletins and Circulars. Four new circulars and one bulletin have been released this month. Copies of the circulars only were included in Agricultural Releases. They are as follows:

Circular 996, How Your Family Can Live Within Its Income, 10¢  
Circular 997, Gardening in Containers, 5¢  
Circular 999, 1969 Fungicide Guide for Commercial Vegetable Growers 5¢  
Circular 1001, Home Orchard Pest Control, 5¢  
Bulletin 733, Economies of Size of Illinois Cash-Grain and Hog Farms, 25¢

Prices are for quantity distribution out of state. Illinois teachers may order through Vocational Agriculture Service in the usual manner.

JWM

Advance Orders for 1969-70 A large number of orders for Agricultural Releases and other advance order materials have been received on the forms that were included in March AIDS and April Releases. If you do not have an order form and need one, please let us know. Forms will also be available at the Conference. Deadline for ordering is again October 1

JWM

Return of Surveying Kits. A special letter is going to the teachers in charge of surveying kits, asking them to arrange to have the kits brought in at the time of the FFA Convention or Conference. If you are driving a station wagon, and have room, you may wish to volunteer to pick up the kit and bring it in from your section. If so, please contact the teacher in charge of the kit.

JWM



FFA Roadside Signs. FFA roadside sign sets that have been ordered since last year are finally ready. They can be picked up at any time, or we will send them if you authorize us to do so. The shipping charge is \$1.67 per set for schools located in Zone 2, and \$1.97 for Zone 3. All in the list below are in Zone 2 except Shawnee (Wolf Lake). Use the tear sheet if you want us to send the signs.

Ashland (2 sets)	Hartsburg-Emden	Saybrook-Arrowsmith
Ashley	Harvard	Seneca
Astoria	Malden	Shabbona
Cambridge	Martinsville	Shannon
Carlinville	Mt. Zion	Shawnee (Wolf Lake)
Catlin	Newman	Stonington
Chadwick	North Clay (Louisville)	Tuscola
Cissna Park	Octavia (Colfax)	Unity (Tolono)
Clay City	Ottawa (2 sets)	Virginia (2 sets)
Cumberland (Toledo)	Palestine	Western (Buda)
Deer Creek-Mackinaw	Paxton	West Frankfort
Deland-Weldon	Potomac	Windsor
Glenwood (Chatham)	Reddick	Yates City
Hamilton	Robinson	
Hampshire	Rockridge (Taylor Ridge)	

JWM

Billing for Agricultural Releases and Advance Orders. Statements for Agricultural Releases and other advance order materials for 1968-69 will be mailed out shortly after May 1. Any items then on your open account will be included. Details of the charges will be included on a letter accompanying the statement. Please be sure to let us know if you find errors in billing or have questions of any kind. Otherwise, we shall appreciate having you verify the statement and submit it to the proper authority for payment.

JWM

Control of Pesticide Residues in Foods. This is the title of FDA Publication No. 59 from the U. S. Department of Health, Education and Welfare. A copy was included in each shipment of the May Agricultural Releases going to Illinois schools. Additional copies may be requested from Silas L. McHenry, Industry Information Officer, 200 C Street, S.W., Washington, D. C. 20204, or copies can be purchased from the U. S. Government Printing Office for 50¢ each.

JWM

Directory, III. Land Improvement Contractors Association. We have received a copy of this 1969 directory which lists members of this association. State and Area SCS personnel, ASCS state staff, County Agricultural Officials, etc. Any teachers who are interested in receiving a copy may write to Professor Ralph C. Hay, 206 Agricultural Engineering, Urbana, Illinois 61801. Professor Hay is executive secretary of the Association.

JWM

New Slidefilms. Four new color slidefilms will be sent the first part of May to all schools that have advance orders for slidefilms. They are as follows:

733 Determining Market Grades of Corn	\$ 3.00
734 Factors Affecting Classes and Grades of Shelled Corn	2.85
776 Factors Affecting Classes and Grades of Wheat	3.20
442 Calibrating Field Sprayers	3.05

They are listed on the tear sheet for general sale for those who may wish to order. Please advise if you do not receive your advance order in a reasonable length of time.

RLC



Final Shipment of New Units. The final shipment of new units in Ornamental Horticulture was sent during April. This consisted of three units, VAS 5008, Establishing a Lawn; VAS 5009, Arranging Flowers in Vases and Bowls; and VAS 5010, Buying Bedding Plants. A single copy was included in the May Agricultural Releases. These units are now available for open sale as listed on the tear sheet in the back of this issue of the AIDS.

RLC

Grounds Maintenance and Construction Visuals. A set of 36 visuals on grounds maintenance and construction was included in the May Agricultural Releases. These are 8½ x 11-inch instructional illustrations for use in making transparencies for overhead projection, for direct use with an opaque projector, or for use as charts. The price of the complete packet in a pocket folder for filing is \$1.05, plus postage. This item is included on the tear sheet.

RLC

Oat Production Visuals. This set of 16 visuals was produced cooperatively with Mr. Don J. Schrickel, Manager of Grain Development with the Quaker Oats Company, Chicago, Illinois. They were included in the May Agricultural Releases. The price of the complete packet in a pocket folder for filing is \$.55, plus postage. It is included on the tear sheet.

RLC

Sample Grain Rings for Judging. We have a few complete sets of judging rings of corn, oats, soybeans, and wheat available. Each ring consists of four 8-ounce samples with official placings and reasons. A complete set of four rings sells for \$7.50, plus postage from Urbana.

RLC

Revised Soil Test Forms. Four of the six standard forms for use in testing soils, recording results and interpreting soil tests have been revised. They are D-1, D-2, D-3, and D-4. Forms A and B are unchanged. They have been regrouped for ordering in what we hope will be a more usable form. In the future, they will be available in sets of 10 copies of each individual form, rather than in sets of six (1 copy of each of six forms). They are priced as follows and are listed on the tear sheet for those who may be interested.

	<u>Price for 10</u>
Form A Directions for Collecting Soil Samples	\$ .125
Form B Request for Testing Service. Information Sheet	.125
D-1 (Rev.) Soil Test Report	.125
D-2 (Rev.) Lime - Map and Interpretation	.125
D-3 (Rev.) Phosphorus - Maps and Interpretation	.125
D-4 (Rev.) Potassium (K) - Maps and Interpretation	.125

RLC

Soil Samples of Known Soil-Test Value. We have a few soil samples of known soil-test value for \$10.00 per set of six samples, plus postage. The range in soil test value is as follows: pH 4.5-7.7; P<sub>1</sub> 5-30 lbs.; P<sub>2</sub> 6-115 lbs., and K 68-300 lbs. Flame photometer readings are also given. This item is listed on the tear sheet.

RLC

Crop Seed Samples. All of the complete sets of 30 crop seed samples have been sold and no more will be available until sometime next school year. We do have 9 sets of the 7 new crop seeds remaining. These are the seeds that were added to the list used for identification in the state crops judging contest this year. They are intended to be put with the sets of samples purchased in previous years to bring those sets up to date. The remaining sets of 7 are available at \$1.00 per set.

RLC





Meat and Milk Judging Contest. Sixty-nine schools (201 boys) participated in the Meat Judging Contest and 37 schools (100 boys) in Milk, Saturday, March 29. The superior teams and individuals were as follows:

### MEAT

#### Superior Teams

986 - Shelbyville  
 975 - Virginia  
 919 - Sterling  
 896 - Pleasant Plains  
 887 - Waterman  
 874 - Cuba  
 868 - Farmer City  
 855 - Sycamore  
 854 - Illiopolis  
 832 - Newark

#### Superior Individuals

349 - Dave Clement, Virginia  
 340 - Steve Weakly, Shelbyville  
 335 - Tim Hackett, Cuba  
 325 - Ron Eversole, Shelbyville  
 323 - Jim Dambacher, Virginia  
 321 - Jan Biehler, Shelbyville  
 321 - Jeff Johnson, Waterman  
 315 - Ken Baker, Neoga  
 314 - Craig Buhrow, Sterling  
 311 - Mike Henry, Rock Falls

### MILK

#### Superior Teams

139.5 - Orangeville  
 141 - Shelbyville  
 176 - Pontiac  
 179 - Burlington (Central)  
 181 - Streator Twp.

#### Superior Individuals

39 - Dave Kensil, Shelbyville  
 43 - Doug Scheider, Orangeville  
 44 - Steve Obert, Orangeville  
 44 - Gary Bressner, Pontiac  
 45 - Tom Bigger, Sparland  
 46.5 - Dennis Hicks, Shelbyville  
 49.5 - Randy Duzan, Oakland  
 49.5 - Terry Poel, Rock Falls  
 51.5 - Mike Keese, Streator Twp  
 52 - Jack Paul, Cuba

WHW

### Livestock, Dairy, Poultry, and Crops Contests

Date - May 3, 1969

Time of Judging - 10 A.M. DST

Place of Registration - Voc. Agr. Instructional Materials Center

Please plan to arrive at our building for registration as soon after 9 o'clock as possible (registration will start at 8 A.M.) and avoid the traffic congestion in that area.

If you have an assignment, please arrive in time to register your boys and be at your job by 9:00

WHW

Lamb Carcass Show. Sherwood Jackson of Seneca sent us the following information about the annual Northern Illinois Youth and Adult Lamb Carcass Show to be held June 23 at the Seneca Future Farmers of America Sale Barn. This is open to all youth (19 years of age and younger) and adults.

Lambs to be entered must weigh a minimum of 80 pounds. No rams will be allowed, only ewe and wether lambs. Each individual will be allowed two entries.

In order to place on the rail, a lamb carcass must weigh at least 40 pounds, have at least an average fat covering of .10 of an inch, grade average choice or above, and have at least 2.25 square inches of loin eye.

Lambs must be docked and should be shorn before showing--preferably 30 days before.

SJ WHW

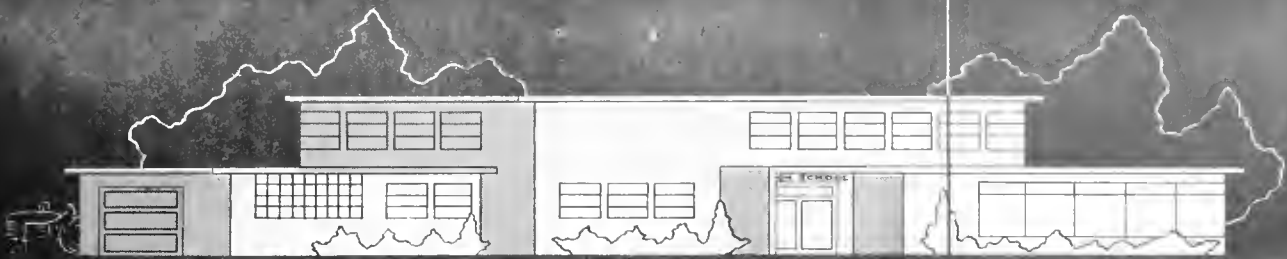


## NEW BOOKS

Every other year we go over our book display, contact all of the publishers, and bring the display up to date. We have now completed this process. A new complete listing of all of the books in our display was included in May Agricultural Releases. We have a few copies remaining which will be sent on request if you did not get one. The following books have been received since the last issue of the AIDS:

Water, The Vital Essence	Briggs	1967	\$ 5.95	Harper & Row 49 E. 33rd Street New York, N. Y. 10016
Mathematics for Technical and Vocational Schools, 5th Ed.	Slade, Margolis & Boyce	1968	\$ 5.96	John Wiley & Sons 605 Third Avenue New York, N. Y. 10016
Answers to Problems for same				
Principles of Genetics	Gardner	1968	\$ 9.50	
Soil-Plant Relationship	Black	1968	\$19.95	
Doane's Farm Management Guide, 8th Ed.		1968	\$ 5.95	Doane Agricultural Service 8900 Manchester Road St. Louis, Mo. 63144
Student Workbook for same				
Instructor's Teaching Copy, Questions & Answers				--free with order for 10 or more of Guide.
No Easy Harvest: The Dilemma of Agriculture in Underdeveloped Countries	Millikan & Haggood	1967	\$ 2.95	Little, Brown & Co., 34 Beacon St. Boston, Mass. 02106
The Artificial Insemination of Farm Animals, 4th Ed.	Perry, Ed.	1968	\$10.00	Rutgers University Press 30 College Ave. New Brunswick, N.J. 08903
The Welding Encyclopedia, 16th Ed.	Jefferson, Ed.	1968	\$10.00	Monticello Books Box 128 Morton Grove, Ill. 60053
Study Guide and Workbook for same		1968	\$ 3.50	
Answer Book for same		1968	\$ 1.50	
Quality Concrete, Course of Study for Voc. Agr.	Hoerner & Bear	1964	\$ 1.50	Hobar Publications 1305 Tiller Lane St. Paul, Minn. 55102
Soil Physics	Kohnke	1968	\$10.50	McGraw-Hill Book Co. 330 West 42nd Street New York, N. Y. 10036





# AGRICULTURAL EDUCATION NEWS

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

Changes in Undergraduate Agricultural Education Curriculum. New programs in agricultural occupations in community colleges, area secondary centers, and multiple-teacher high school departments call for a new type of teacher who is a specialist in agricultural education. In the past, most institutions of higher learning have prepared "generalist" teachers who were qualified to teach in a single teacher department where training for farming was the primary objective. In today's job market, positions are listed for teachers of horticulture, teachers of agricultural mechanics, and teachers of agricultural supply. In order to keep the teacher education curriculum at the University of Illinois in line with the needs of the public school system, the following changes have been made:

1. A change in the name of the curriculum to "Teaching Agricultural Occupations."
2. A basic core requirement with seven options. The core includes a common requirement of ten hours of agriculture and 66 to 73 hours of nonagriculture courses for a total of 76 to 83 hours of common requirements. The non-agriculture common requirements are the same as those presently required.
3. A reduction in the total agriculture hours required from 50 to 48, with specific requirements varying depending on the option chosen, except for the ten-hour common core requirement.

The new curriculum for the preparation of secondary teachers of agricultural occupations now offers seven options for students to specialize in the following areas:

Agricultural production  
Agricultural supply  
Agricultural mechanization  
Agricultural products (plants)  
Agricultural products (animals)  
Ornamental horticulture  
Agricultural resources and forestry

The University of Illinois with its broad course offerings in the College of Agriculture has the capability to prepare specialized teachers of agricultural occupations.

Teachers of agricultural occupations should inform their students that they can prepare themselves as specialist teachers of agricultural occupations or follow a general production option.

PEH

Admission and Readmission for the 1969 Summer Session. Applications for admissions or readmissions must be filed prior to May 15, 1969 in order to avoid delay during registration. New and readmitted graduate students whose permits to enter are dated Thursday, June 12, or later, receive their registration materials in 69 Administration Building. Other graduate degree students may obtain the program card and other preliminary registration materials in advance of registration at the office of their adviser.



any graduate student who attended the 1968 summer session or was enrolled in a campus course for an extramural course during the 1968-69 school year need not apply for readmission.

PEH

1969 Summer Session Courses. Six courses in Agricultural Education will be offered during the 1969 Summer Session. These courses are:

- Votec 277 - Programs and Procedures in Agricultural Education  
(5 semester hours, hours to be arranged)  
Dr. Walker will be the instructor
- Votec 459 - Workshop in Curriculum Development  
Structured Occupational Experience in Agricultural Occupations (1 unit)  
3-5 TWTF plus 16 hours per week arranged  
Dr. Williams will be the instructor
- Votec 472 - High School Program Development and Advanced Teaching  
Procedures ( $\frac{1}{2}$  unit)  
8-10 TWTF  
Dr. Thomas will be the instructor
- Votec 474 - Supervised Agricultural Experience in Agricultural Occupations ( $\frac{1}{2}$  unit)  
10-12 TWTF  
Dr. Hemp will be the instructor
- Votec 475 - Organizing and Teaching Agricultural Mechanics ( $\frac{1}{2}$  unit)  
10-12 TWTF  
Dr. Phipps will be the instructor
- Votec 476 - Guidance in Agricultural Education ( $\frac{1}{2}$  unit)  
1-3 TWTF  
Dr. Dillon, visiting professor from the University of Nebraska, will be the instructor

Each teacher of agricultural occupations in Illinois should have received by this time a brochure describing summer session offerings at the University of Illinois. If you did not receive a copy of the brochure or if you know of someone not engaged in teaching who should receive a brochure please write Dr. Hollie Thomas, 359 Education Building.

PEH-HBT

Placement Information. Several teachers have written us to find out who is serving as placement consultant for agricultural education. Inquiries about job opportunities should be directed to Mr. Alfred Mannebach, 353 Education Building. Mr. Mannebach's office telephone number is 33-3037.

PEH

Alpha Tau Alpha Initiates. At an initiation banquet held March 16, 1969, the Alpha Chapter of Alpha Tau Alpha at the University of Illinois, Urbana-Champaign, initiated nineteen students into active membership. The purpose of the ATA is to promote the highest ideals and standards of agricultural education and a more intimate acquaintance and closer relationship with men who have chosen the profession of teaching agriculture. The following students were initiated into the National Professional Honorary Agricultural Education Fraternity:

Robert J. Bohnhoff	George M. Hiler	Frank F. McNutt
Guy L. Borah	Larry Ifft	Harley C. Morton
Robert L. Cardoni	Ronald D. Jones	Pete Pederson
Dwight L. Carlson	Charles Knudson	Bob R. Scherer
Tim Fewell	Gary L. Kuhns	Robert E. Wolf
Ross Goodwin	Dale A. Law	
Richard A. Hanes	Greg Lee	

DLW





A State-Wide Training Session for Advisory Council Members and High School and Junior College Agricultural Occupations Instructors. There will be a state-wide training session for you and your advisory council members at the Illini Union, Room 314 N, on Saturday, May 17, 1969 from 10 A.M. to 3 P.M. A noon luncheon at \$2.50 per plate will be arranged.

Mr. Ray Page, State Superintendent of Public Instruction, will speak on "Educational Innovations-State Level Developments" from 10 A.M. to 11 A.M.

Our luncheon speaker will be a person of national stature who will speak on "Educational Innovations-Federal Level Developments."

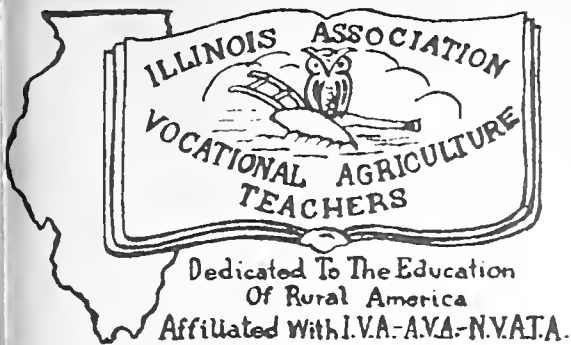
From 1:45 P.M. to 3 P.M. you will meet with a leader, a recorder and resource people to "nail down" information of value to your community.

Call several advisory council members, get them committed, and send their names plus yours to Ken Knell, Room 358, Education Building, University of Illinois, Urbana, 61801, for your reservations. Make checks payable to the Rurban Educational Development Laboratory (REDL).

The reservation deadline is May 12.

KWK





# IAVAT NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

Learning by doing has long been recognized as a valuable educational process. We have been properly trained by our educational institutions to utilize and convey our abilities to the youth of America. Our national creed begins with the statement, "I am a teacher of agriculture by choice and not by chance."

If we believe in these three principles: (1) learning by doing, (2) faith in our ability and training, (3) honest choice of our profession, then we should not be subjecting our chosen field to any criticism. I am fully confident that teachers of agriculture across the nation are doing a fine job. Yet criticism does befall our lot. Perhaps the publicity given to the declining farm population is the basis of our situation. We need to counteract this with proper publicity of our own.

How long have we heard, "Agriculture is more than farming?" Yet have we made an honest attempt to teach other than production agriculture? The average age of farmers is approximately 54 years and we will need replacement farmers in the near future--replacements that are better educated, more productive than the best farmer we have today--replacements that will be capable of increasing production by one third to feed the increased population and to do this without new acreage. These replacements must begin their training in your departments in the secondary schools.

We will always have a need for training in production agriculture but the new challenge is in off-farm agriculture occupations. We need proper trained men and women to work in many agriculture occupations. The demand is here but we have not yet begun to fulfill the supply. This is the area where we receive our criticism. Last fall we were going to wait one more year to start our "new" courses. Beginning July 1 next year is now here. Have you started to prepare your courses? If you wait another year it will be too late. The time to start is now.

Too often we are inclined to consider ourselves as one person and what we say or do will have no bearing on the total picture. A hike of a thousand miles begins with a single step. Also, I try to subscribe to a little personal philosophy--

I am but one, but I am one  
I can do what I ought to do  
and what I ought to do by  
the Grace of God I will do.

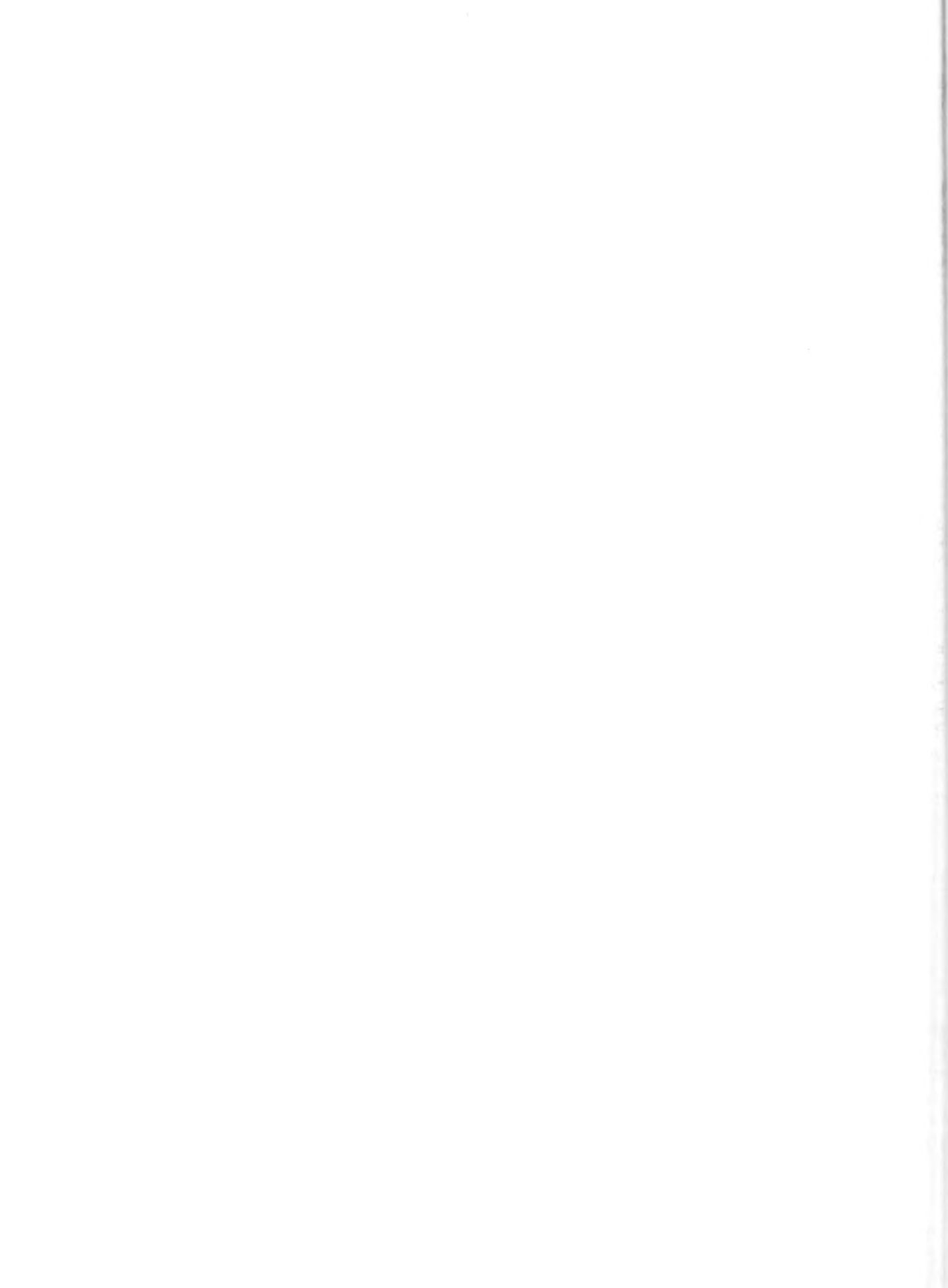
I think each of us should attempt to do the best we possibly can.

\*\*\*\*\*

I need your help to complete my records for the recipients of the 30 Minute Club Award. Will any member of the IAVAT, active or associate, that has written an article this past year and printed in any publication of more than three state circulation, please send to me the name of the article, name of publication, and date of issue. It is extremely important that I receive this information at once--DO NOT DELAY.

\*\*\*\*\*

I am quite certain each member has received an entry form for the New Holland Career Orientation Awards Program. This is an opportunity for one member from each region to win an expense paid trip to the NVATA Convention in Boston. The entries were due to me by May 1. As of now I have not received one entry. I know there are agriculture occupations teachers in



Illinois who are informing rural youngsters about the opportunities in Agribusiness and are conducting strong, innovative career orientation programs as part of their normal routines.

\*\*\*\*\*

By the same token I have not received any entries for the NVATA Outstanding Young Member Award sponsored by the United States Steel Corporation. All members who have taught vocational agriculture at least three but not more than five years are eligible. Each regional winner will win an expense paid trip to NVATA Convention in Boston. Entries are due to me by May 15, 1969. Rules are as follows:

1. All active members of NVATA who have taught Vocational Agriculture at least three (3) but not more than five (5) years are eligible to enter the competition.
2. Entries must be submitted to your state association President and post-marked not later than May 15, 1969.
3. State Presidents must submit winning state entries to their NVATA Regional Vice President, postmarked no later than September 1, 1969.
4. Application shall be limited to the equivalent of six (6) 8½ x 11 pages, one side, including resume of activities, substantiating materials, pictures, news articles, etc. Typewritten material is to be double spaced. Each entry must include the entry-form/cover sheet (which is part of this announcement) but the entry-form/cover sheet does not count as one of the 6 pages.
5. The following headings should be used in preparing a resume of applicants activities.
  - (a) Membership and participation in state and national vo-ag teacher association activities.
  - (b) Membership and participation in local, district and state teachers association activities.
  - (c) Membership and participation in civic, community and farm organizations.
  - (d) Description of local vocational agriculture program, including high school and post high school.
  - (e) Accomplishments of students in various areas such as--State and American Farmers, State FFA officers, foundation award winners, public speaking and judging contests.
  - (f) New or innovative programs developed.
  - (g) Other pertinent information.
6. State Association winners are to be selected by a committee appointed by the State Association President.
7. Regional winners are to be selected by a committee appointed by the NVATA President.

\*\*\*\*\*

A. O. Smith Harvestore will not sponsor a tour in 1970. We are grateful to Harvestore for sponsoring the tour the past four years and Illinois is extremely fortunate that one of our membership, Mel Nicol, was a recipient of this honor.

\*\*\*\*\*

Exchange of Ideas Contest. Several entries for the Exchange of Ideas contest, held in connection with the June Conference, have been received. We need more. Prizes will be provided for the best three entries in each of two divisions -- Field and Shop Aids, and Classroom Aids. Send in your entry on the form provided in the back of this issue of the AIDS NOW

\*\*\*\*\*



## SECTION 9 NEWS:

### Four schools added to Section 9

Last summer four new schools were added to Section 9. Three of the schools are part of the new Olympia school district. The schools and their agriculture occupations instructors are:

Atlanta - Harold Elliott  
Hopedale - Al LaMar  
McLean - George Ginder

Odell High School was also added to the section. The past few years Odell has not had an Agriculture Department. Dennis Bowman is the agriculture occupations instructor at Odell. Welcome to Section 9.

### Note of Sorrow

The agriculture occupations instructors of Section 9 wish to express their deepest sympathy to Mr. and Mrs. Jim Elliot on the recent loss of their daughter. Jim is the agriculture occupations instructor at Lexington High School and also Section 9 secretary-treasurer.

### Aphid Specialists

Howard Cotter of Flanagan and John Bartley of Saunemin have developed a keen interest in the corn leaf aphid. They have done extensive work in their respective communities in controlling this destructive insect. This past winter, John and Howard have talked to many adult farm classes in Section 9 concerning the corn leaf aphid. Most of the adult classes felt that John and Howard's program was their best class of the year. Keep up the fine work, Howard and John.

### Section 9 Teachers Exchange Services

Many of the teachers in Section 9 are exchanging their services as resource individuals for adult classes in the section. The adults have usually taken more home from these classes than from other types of resource people.

Dick Wagner  
Public Relations Officer

\*\*\*\*\*

## SECTION 16 NEWS:

New additions to the families of--

Mr. & Mrs. Roger Ellis - Cerro Gordo  
Mr. & Mrs. Bob Kinney - Bellflower  
Mr. & Mrs. Jim Marshall - Monticello

Section ag. teachers and wives met in Decatur for dinner March 29 with 24 in attendance.

Six schools participated in the first ag. mechanics contest at Mt. Zion April 15. Winners were Mike Whalen, Monticello, in Engines, and Don Willace, Bellflower, in Welding.

Luther U. Wells  
Public Relations Officer

\*\*\*\*\*





(tear sheet)

ENTRY BLANK - I A V A T   E X C H A N G E - - O F - - I D E A S   C O N T E S T

I propose to display the following item(s) in the IAVAT Exchange-of-Ideas Contest at the June Conference

Class 1 - Field and Shop Aids

\_\_\_\_\_  
\_\_\_\_\_

Class 2 - Classroom Aids

\_\_\_\_\_  
\_\_\_\_\_

Signed \_\_\_\_\_

School \_\_\_\_\_ Zip Code \_\_\_\_\_

Return this entry blank to Vocational Agriculture Service, 434 Mumford Hall, Urbana 61801.

Bring Entry to Vocational Agriculture Service Instructional Materials Center when you come to the Conference.

(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send our FFA roadside signs. Shipping charges may be placed on our open account.

Name \_\_\_\_\_ School \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_



(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	<u>Items</u>
			SLIDE FILMS:
_____	\$3.35	_____	442 - Calibrating Field Sprayers
_____	\$3.00	_____	733 - Determining Market Grades of Corn
_____	\$2.85	_____	734 - Factors Affecting Classes & Grades of Shelled Corn
_____	\$3.20	_____	776 - Factors Affecting Classes & Grades of Wheat
			SUBJECT-MATTER UNITS:
_____	\$ .10	_____	VAS 5008 - Establishing a Lawn, 8p.
_____	\$ .25	_____	VAS 5009 - Arranging Flowers in Vases and Bowls, 20p.
_____	\$ .25	_____	VAS 5010 - Buying Bedding Plants, 20p.
			***
_____	\$1.05	_____	Grounds Maintenance and Construction Visuals (Set of 36)
_____	\$ .55	_____	Oat Production Visuals (Set of 16)
_____	\$10.00	_____	Soil Samples of Known Soil-Test Value
_____	\$7.50	_____	Sample Grain Rings for Judging
_____	\$1.00	_____	Supplementary Set of Crop Seed Samples (7)
			***
Price for pkg. of 10:			SOIL TEST FORMS (REVISED)
_____	\$.125	_____	Form A Directions for Collecting Soil Samples
_____	\$.125	_____	Form B Request for Testing Service. Information Sheet
_____	\$.125	_____	D-1 (Rev.) Soil Test Report
_____	\$.125	_____	D-2 (Rev.) Lime - Map and Interpretation
_____	\$.125	_____	D-3 (Rev.) Phosphorus - Maps and Interpretation
_____	\$.125	_____	D-4 (Rev.) Potassium (K) - Maps and Interpretation

\*\*\*

Name \_\_\_\_\_ School \_\_\_\_\_

Address \_\_\_\_\_ Zip Code \_\_\_\_\_

Billing \_\_\_\_\_



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PRICE LIST OF FEEDS<sup>1/</sup>

Prices for some of the feeds used in supervised experience programs are listed below for students obtaining their feed at home. Purchased feeds can be recorded at prices paid.

Kind of feed	Apr. 14
Corn, shelled, bu. . . . .	\$ 1.10
Corn, ground shelled or ear corn, bu. . . . .	1.20
Oats, bu. . . . .	.65
Oats, ground, bu. . . . .	.75
Barley (feed) bu. . . . .	.86
Barley, ground or rolled, bu. . . . .	.96
Grain sorghum, cwt. . . . .	1.70
Grain sorghum, cracked, cwt. . . . .	1.80
Whole milk, mfg. grade, cwt. . . . .	4.20
Corn silage, ton . . . . .	9.50
Sorghum silage, ton. . . . .	8.50 <sup>2/</sup>
Haylage, ton . . . . .	15.00 <sup>2/</sup>
Clover and mixed hay) All hay and straw prices . . . . .	23.00
Alfalfa ) are for baled. Figure . . . . .	24.50
Oat or wheat straw ) loose at \$5 less per ton . . . . .	17.00

<sup>1/</sup> Prepared in cooperation with the Department of Agricultural Economics.

<sup>2/</sup> Or convert to dry hay equivalent containing 90 percent dry matter.

<u>Pasture Rates</u>	<u>Cost per day</u>
*Calves and colts:	
6-11 months	\$ .06
12-24 months	.09
over 24 months	.12
Lambs to weaning	.01
Sheep - yearlings	
and mature	.025
Pigs, 50 to 100 lbs.	.005

\*Reduce by 2/3 for full-fed cattle  
 \*Reduce by 1/3 for limited fed cattle

**VOCATIONAL AGRICULTURE SERVICE**

*University of Illinois - College of Agriculture*

**434 MUMFORD HALL - URBANA, ILLINOIS 61801**

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VOCATIONAL - AGRICULTURE

# AIDS

UNIVERSITY OF ILLINOIS

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August 1969

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State Board of Vocational Education and Rehabilitation

State of Illinois  
BOARD OF VOCATIONAL EDUCATION AND REHABILITATION  
Vocational and Technical Education Division  
405 Centennial Bldg.  
Springfield 62706

August 1969

Vocational Agriculture Dates and Activities to Remember

- |                |   |
|----------------|---|
| September 9    | North-Central Illinois FFA Reporters' Workshop. Bureau County Farm Bureau Building, Princeton                   |
| September 10   | West-Central Illinois FFA Reporters' Workshop. Holiday Inn, Jacksonville  |
| September 11   | Southern Illinois FFA Reporters' Workshop. Central Church of Christ, Mt. Vernon                                 |
| September 16   | East-Central Illinois FFA Reporters' Workshop. Champaign County Farm Bureau Building, Champaign                 |
| September 24   | Northern Illinois FFA Reporters' Workshop. Ogle County Farm Bureau Building, Oregon                             |
| October 14     | Central Region FFA Public Speaking Contest, Kansas City (Jim Buck, Armstrong)                                   |
| October 15     | FFA Dues, Membership List to Sectional President (Dues \$1.50 each-- \$.50 State + \$1.00 National)             |
| October 14-17  | National FFA Convention, Kansas City  |
| October 31     | Chapter Program of Work to Sectional President  |
| December 5-10  | NVATA-AVA Meeting, Boston   |
| December 31    | Complete Records of Students' Supervised Experience Programs  |
| February 15    | Annual Supervised Agriculture Experience Program Summary Report to State Office, Springfield                    |
| February 21-28 | National FFA Week   |
| March 2        | Sectional FFA Foundation Awards Winners Reported to State Ofc., Springfield                                     |
| March 12-14    | Illinois Vocational Association Meeting, Chicago  |
| March 21       | State Meat and Milk Judging Contest, Urbana   |
| March 25       | District FFA Foundation Awards  |
| April 8        | District FFA Public Speaking Contests   |
| April 15       | State and American Farmer Applications to State Office, Springfield   |
| April 18       | State FFA Foundation Awards Meeting, Urbana   |
| April 25       | State FFA Extemporaneous Public Speaking Finals and Preliminary State FFA Prepared Public Speaking, Springfield |
| May 1          | Completed FFA Program of Work to Sectional Vice-President   |
| May 2          | State Vocational Agriculture Livestock, Dairy, Poultry, and Crops Contests Urbana                               |
| June 1         | Annual FFA Report to State Office, Springfield  |
| June 16-18     | Annual State FFA Convention Urbana  |

AIDS, August 1969



# VO-AG SERVICE

## Announcements & Notes

Telephone - Area 217 - 333-3870

Welcome to New Teachers. VO-AG AIDS will be sent to you each month and we hope that it will be of interest to you. In addition to the Vo-Ag Service section, you will find sections prepared by the teacher education divisions and your IAVAT president. Special features include a page of important dates prepared by the State Office, information for FFA reporters, and a page of feed prices for use in keeping farm records.

We will announce new materials as they become available in the AIDS. In most issues, you will find a tear sheet in the back that can be used to order the new items announced that month, or other items of seasonal importance.

JWM

Agricultural Releases, Advance Orders for Slides, Films and Units. To date (July 21) we have received orders for Agricultural Releases, etc., from 337 Illinois schools. Please keep in mind the October 1 deadline for these advance orders. If you need an order blank, please let us know.

JWM

Changes in Our Addressograph Plates. We have attempted to bring our addressograph plates up to date according to information we have received about teacher changes. Please check the name and address on your copy of this issue of the AIDS and notify us if there are errors.

JWM

Surveying Kit Program. A surveying kit will be placed in each of the odd-numbered sections, and in Section 2 this year. Eligible teachers may schedule these kits at their fall section meetings.

Two surveying kits will be scheduled "at large" to teachers in even-numbered sections other than 2. The tripods and target rods for these kits have been placed in canvas bags, rather than the long wooden boxes, so they can be hauled in the trunk of most cars.

If you would like to schedule one of the "at large" kits, please mark and send in the tear sheet form found in this issue of the AIDS. Kits will be scheduled on a first-come, first-served basis and your reservation will be confirmed.

RFE

Dairy Holders' Contest. Four winners were named in the 1969 Dairy Holders' Contest. They were:

Kent Turley, Greenville	-	First
John Mackinson, Pontiac	-	Second
Fred Hoffman, Huntley	-	Third
Jim Drafall, Huntley	-	Fourth

WHW

Judging Contest Scores and Ribbons. The scores and ribbons for the 1969 State Judging Contests were mailed out May 8. If you participated in the contests and did not receive your score or ribbons, please let us know. The superior teams and individuals are reported in this issue of the AIDS.



Judging Contest Winners to National. Five Illinois teams will compete in the National Contests at Kansas City this fall. They are:

Livestock	- Pleasant Plains
Dairy	- Orangeville
Poultry	- Shelbyville
Meat	- Shelbyville
Dairy Products	- Orangeville

There is no national contest in crops. Dakota was the state winner.

Congratulations to all the winners. Here's wishing you luck and success in the national contests.

WHW

New Catalog and Order Forms Available. A new catalog of teaching materials available from Vocational Agriculture Service was prepared just before the June Conference. If you did not pick up one there and wish to have one sent to you, please mark the tear sheet order form in the back of this issue of the AIDS. We will include a set of order forms with the catalog. Catalogs will also be distributed at the odd-numbered section meetings by the member of our staff who attends.

JWM

Special Calendar of Events. A special printing of the 1969-70 Calendar of Events has been made for Illinois teachers with important events of statewide interest marked in red. These are being distributed at the fall section meetings by the Voc-Ag Service representative in odd numbered sections and by the state supervisor in the others. If you do not get a calendar at your sectional meeting, let us know and we will send one to you. The regular Calendar of Events is available to others as in the past. It is priced at 20¢.

JWM

1969 FFA Reporters' Workshops. Please note the dates and locations of the five FFA Reporters' Workshops on the pink date sheet in this issue of the AIDS. Workshops will begin with registration at 4 p.m. (prompt) and will continue to 9 p.m. A one-hour dinner break will be taken at 6 p.m. Instruction will be furnished by the University of Illinois Office of Agricultural Communications, including Steve Shenton, Instructor in Agricultural Communications, and Ron Scherer, FFA Public Information Specialist.

JWM

New Bulletins and Circulars. Two new circulars have been released since the last issue of the AIDS. They are:

Circular 1000, Beekeeping in Illinois, \$1.00

Circular 1002, Homemade Ice Cream, Sherbert, and Ices, 10¢

Circular 1000 is available on a sale basis only. It contains 132 pages and is a complete treatise on the subject. The price shown for Circular 1002 is for quantity distribution out of state. Illinois schools may obtain it in the usual manner.

JWM

Student Guest Day. October 4, 1969. Mark your calendar. That's Agriculture and Home Economics Student Guest Day at the University of Illinois. The complete program will be available in early September. We know the program will cover admission requirements, scholarship costs, housing and career information. And we'll wind-up the day watching the Fighting Illini take on Iowa State. In September you'll receive the details and promotion material. But for now, just mark October 4 in your schedule book.

WKW/JWM





Set of Feed Samples. This is a set of 20 feeds in 1 oz. glass bottles, with black plastic caps. The feeds, each properly labeled include: Alfalfa Meal, Blood Meal, Steamed Bone Meal, Cottonseed Meal, Dried Distiller's Solubles, Menhaden Fishmeal, Ground Limestone, Linseed Meal, Meat and Bone Scraps, Dried Molasses, Rolled Oats, Dicalcium Phosphate, Defluorinated Rock Phosphate, Trace Mineralized Salt, Soybean Meal, Corn Sugar, Urea, Wheat Bran, Wheat Middlings, and Dried Whey. Price \$4.50 per set plus postage. This item is included on the tear sheet in the back of this issue of the AIDS.

WHW

VAS Unit 2018, Legal Problems of the Farmer. This publication is no longer fully up-to-date with respect to newer laws and is being revised. However, it will be a few months before the revised edition is available. We suggest that you supplement the present unit with current circulars on agricultural law topics.

JHH

Soybean Packets. These packets were on exhibit at the June Conference, and orders were taken at that time. However, some of you may still wish to order. This packet contains a teacher's guide and 25 references. The price per packet is \$1.80. The item is included on the tear sheet for convenience in ordering.

RLC

Land-Use Selection Cards. We are approaching the season of the year when most of the sectional land-use contests are held. Land-use cards are available in bundles of 25 cards (five boys on a team, five holes) at 30 cents per package. The land-use card and Illinois circular 758 will be revised next year so you may wish to order accordingly. It is included on the tear sheet.

RLC

Catalogs of Instructional Materials from Other States. We have on hand current catalogs or order lists from the following:

- American Association for Agricultural Engineering and Vocational Agriculture,  
Athens, Georgia
- Ohio Agricultural Education Curriculum Materials Service, Columbus, Ohio
- Hobar Publications, St. Paul, Minnesota

We will be glad to send copies to you on request as long as the supplies last. You may indicate your wishes on the tear sheet order form in this issue of the AIDS.

JWM

Farm Youth on the Go. This is the title of a 12-page publication that was reprinted by permission from the 1969 Ford Almanac for Farm Ranch and Home. This was displayed at the June Conference and a number of orders for reprints were taken then. They have been sent out. Additional copies are available at 3½¢ each in quantities and they are listed on the tear sheet order form in the back of this issue of the AIDS.

JWM

FFA Roadside Signs. Sets of FFA roadside signs for the following schools were not picked up at Conference time: Buda, Catlin, Deland-Weldon, Hampshire, West Frankfort. We will ship them to you if you will let us know. Otherwise, they may be picked up any time. If your chapter would like to apply for a set of these signs, either to replace a set you now have, or a new set, you may use the tear sheet for this purpose in this issue of the AIDS.

JWM

College of Agriculture Alumni Association Award of Merit. The College of Agriculture Alumni Association of the University of Illinois asks that you send nominations of persons in your community who have received their BS degree from the U. of I. College of Agriculture and who are deserving of recognition for outstanding contributions in the field of agriculture and community service. A special form for this purpose is included in copies of the AIDS going to Illinois readers. Nominations are due October 1, 1969 and should be sent to Frank H. Mynard, Secretary, College of Agriculture Alumni Association, 126 Mumford Hall, Urbana 61801.

FHM/JWM



RESULTS OF STATE VO-AG JUDGING CONTESTS - 1969

LIVESTOCK

Superior Teams

	Pleasant Plains	1131
	Lexington	1104
	Maroa	1075
	Goreville	1073
	Mt. Pulaski	1072
Tie	(Waterman	1045
	(Jacksonville	1045
	Ashland	1040
	Clinton	1036
	Mahomet	1034

Superior Individuals

	Lynn Shimmin, Roseville	398
	George Bruns, Pleasant Plains	395
	Dale Edgecombe, Maroa	390
	Doug Tolan, Pleasant Plains	388
	(Paul Duzan, Lexington	387
Tie	(Don Seledger, Albion	387
	Nick Finck, Wyoming	384
	Dan Maeltzer, Orion	382
	Terry Ferguson, Clinton	379
	Melvin Musgrave, Griggsville	378

DAIRY

Superior Teams

	Orangeville	1026
	Marengo	1014
	Peotone	1012
	Cissna Park	1009
	Salem	1006
	Burlington	1004
	Milledgeville	1001
	Eureka	1000
	Poplar Grove	994
	Greenville	992

Superior Individuals

	Roger Williams, Milledgeville	377
	Gary Hosto, Highland	371
	Richard Petrea, Salem	368
	Jim Dickerson, St. Charles	363
	George Smith, Rochester	361
	(Kenneth Waterman, Burlington	360
Tie	(Mahlon Householter, Eureka	360
	(Chester Manary, Taylor Ridge	360
	(Ken Meng, Mascoutah	359
Tie	(Charles Will, Teutopolis	359

POULTRY

Superior Teams

	Shelbyville	1115
	Blue Mound	1105
	Herrick	1089
	Pontiac	1088
	Moweaqua	1073

Superior Individuals

	David Bruer, Pontiac	396
	Randal Shimmin, Roseville	377
	Paul Phegley, Shelbyville	373
	(Larry Sarver, Herrick	371
	(Robert Biehler, Shelbyville	371
Tie	(Eddie Stossmeister, Shelbyville	371
	(Paul Thorson, Pontiac	371
	(Leslie Alberts, Blue Mound	371
	Mark Compton, Maple Park	370
	Steve Vaughn, Blue Mound	368

CROPS

Superior Teams

	Dakota	988
	Assumption	980
	Fairview	968
Tie	(Litchfield	960
	(Teutopolis	960
Tie	(Shelbyville	952
	(Cuba	952
	Maroa	944
	Patoka	941
	Trenton	934

Superior Individuals

	Mark Oehlert, Sycamore	349
	Russell Lohmeier, Dakota	348
	Steve Kollman, Trenton	340
	Mike Keesee, Streator	339
	Fred Walker, Patoka	338
	Ronald Eversole, Shelbyville	335
Tie	(Dennis Fringer, Assumption	334
	(Delbert Windland, Rochelle	334
	(Bob Coulter, Assumption	333
	(Mike Bitter, Litchfield	333
Tie	(Dan Kaiser Orangeville	333
	(Kent Farley, Maple Park	333



Extramural Courses in Agriculture. Following is information to date on courses scheduled for the fall semester, 1967-70. Additional information will be included in September AIDS.

Courses Definitely Scheduled

**BELLEVILLE**

Hort. E234, Nursery Management - J. B. Gartner, 3 sem. hrs. undergraduate  
Belleville Twp. H.S., 2600 W. Main St., Voc. Agr. Room  
First meeting - Tuesday, September 16, 6:30 p.m.

**MATTOON**

Agr. Econ. E325, Advanced Farm Management - J. H. Herbst, 3/4 to 1 unit graduate,  
or 3 semester hours undergraduate  
Lake Land College, Old Rte. 316 E, Agr. Bldg., Room 2  
First meeting - Wednesday, September 17, 6:30 p.m.

**NAPERVILLE**

Hort. E236, Turf Management - J. D. Butler, 3 semester hours undergraduate  
Naperville H.S., 440 W. Aurora Ave., Room 65  
First meeting - Tuesday, September 16, 6:30 p.m.

**PEKIN**

Plant Path. E377, Diseases of Field Crops - A. L. Hooker, 3/4 unit graduate or 3  
semester hours undergraduate  
Pekin Comm. H.S., East Campus, E. Bluff St., Room C112  
First meeting - Thursday, September 18, 6:30 p.m.

**SPRINGFIELD**

Hort. E211, Home Grounds Development and Construction - W. R. Nelson, 3 semester  
hours undergraduate  
Franklin Middle School, 1200 Outer Park Drive, Room 124  
First meeting - Tuesday, September 16, 6:30 p.m.

**YORKVILLE**

Agron. E303, Soil Fertility - L. F. Welch, 3/4 unit graduate or 3 semester hours under-  
graduate  
Yorkville H.S., Game Farm Road, Room 133  
First meeting - Tuesday, September 16, 6:30 p.m.

UNIVEX NETWORK\* - can be received at Decatur, Springfield, Quincy, Rock Island, Malta,  
and Freeport

An. Sci. E301, Beef Production - D. E. Johnson, 3/4 unit graduate or 3 sem. hrs.  
undergraduate  
First meeting - Tuesday, September 16, 7:00 p.m.

Agron. E303, Soil Fertility - L. T. Kurtz, 3/4 unit graduate or 3 sem. hrs. undergrad.  
First meeting - Thursday, September 18, 7:00 p.m.

Courses Likely to be Scheduled

**SPRINGFIELD**

Agron. E326, Weeds and Their Control - M. D. McGlamery, 3/4 unit graduate or 3 sem.  
hrs. undergraduate, Tuesday nights

**VANDALIA**

Agr. Mech. E331, Farm Machinery Technology - B. J. Butler, 3/4 unit graduate or 3  
sem. hrs. undergraduate

Other Courses Available

Agr. Econ. E302, Livestock Marketing - E. E. Broadbent

An. Sci. E302, Sheep Production - U. S. Garrigus

\* If you are interested in one of the Univex courses, please let us know and we will send you a  
special brochure and additional information on registration.



## 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.

UNDERSTANDING AND MEASURING HORSEPOWER - Motors, Engines, Tractors, 1969. \$3.00  
American Association for Agricultural Engineering and Vocational Agriculture, Agricultural Engineering Center, Athens, Georgia 30601.

"Now for the first time the word horsepower and all of the terms used to express it have been explained in one publication. The relationship of horsepower, speed and torque are explained for both engines and electric motors. . . The principles of different types of dynamometers are discussed and step-by-step procedures are given for determining the horsepower of engines, tractors and motors with different types of dynamometers."

FARM UTILITY BUILDINGS - Designs, Materials, Plans, 1969. \$2.50. American Association for Agricultural Engineering and Vocational Agriculture, Agricultural Engineering Center, Athens, Georgia 30601.

"Anyone who plans to build -- by himself or by contract -- a utility building will find a mint of information in this revised edition. . . Among other things this book tells how to guard against building failures due to high winds and heavy snow loads and how to provide for post-free space which gives ample support to the roof. Also given are sources of detailed plans for many types and sizes of structures. . ."

EDUCATORS GUIDE TO FREE FILMS, 29th edition, 1969. \$10.75. Educators Progress Service, Randolph, Wisconsin 53956.

"This 29th annual EDUCATORS GUIDE TO FREE FILMS is completely revised. The GUIDE has come a long way in a little more than a quarter century from the first 1941 edition which required but 102 pages to document 671 film titles to this current 798-page edition of 5,062 titles. . . This . . . is the only complete GUIDE to all films available free of cost (no rental, service or sales cost) throughout the United States generally, with those available in Canada indicated separately. It is the only such GUIDE which is restricted to free films."

MICROMETERS, CALIPERS AND GAGES, 1969. \$2.00. Hoerner and Bear, Hobar Publications, 1305 Tiller Lane, St. Paul, Minnesota 55112.

"This manual on micrometers, calipers and gages has been prepared for shop instructors and students in vocational agriculture, industrial education, and vocational-technical schools. It could also be used by commercial firms and other agencies for inservice training programs. It contains illustrations of the different measuring instruments, an explanation of their construction and how to use the instruments for specific applications."

YOUR INTRODUCTION TO LEARNING BY DOING, 1969. \$.75 less educ. discount. The Interstate Printers and Publishers, Inc. Danville, Illinois 61832.

"The new 1969 edition of YOUR INTRODUCTION TO LEARNING BY DOING IN VOCATIONAL AGRICULTURE, prepared by a Committee of the Minnesota Vocational Agriculture Instructors Association gives a brief simple and clear explanation of the workings of vocational agriculture and FFA which answers the student's questions and provides him with an orientation which will enable him to gain the maximum benefit from the program which he is entering. This is a booklet which every teacher of vo-ag may wish to put into the hands of each student."





division of  
agricultural  
education

college of  
education

University of Illinois



**Assistantships Available.** The Division of Agricultural Education has two graduate assistantships available for persons who wish to enroll in September 1969 for graduate study. Contact Dr. Paul Hemp or another member of the Division staff for further information.

PEH

**Graduate Quota.** Graduate quotas have been established for the 1969-70 school year. Any teacher who plans to enroll in a course or courses in September 1969 should notify Dr. Hemp of his intentions. This does not apply to teachers who completed the graduate college questionnaire this summer, those who have advance enrolled, or those who plan to enroll in extramural courses.

PEH

**Central Regional Research Conference.** The twenty-third annual Central Regional Research Conference was held at the University of Illinois, July 29-31, 1969. Teacher educators, supervisors, and other agricultural education personnel from thirteen midwestern states attended the conference. The theme of the conference was "Research Related to the Disadvantaged and Research Strategies for the 70's."

PEH

**Report of Successful Summer Session.** Approximately 140 teachers and other graduate students were enrolled in agricultural education programs at the University of Illinois during the 1969 summer session. Agricultural Education courses offered during the session were Votec 459, 472, 474, 475 and 476. Dr. Roy Dillon, University of Nebraska, was a visiting professor and Drs. Phipps, Thomas, Williams and Hemp taught graduate courses. Dr. Robert Walker is teaching a special section of methods and student teaching for junior college teachers during the second four weeks term.

PEH

**Dr. Phipps to Teach at Washington State University.** Professor Lloyd J. Phipps has been invited to teach at a post-session summer school at Washington State University, Pullman, Washington in early August. The title of the course which Dr. Phipps will teach is "Contemporary Programs in Vocational-Technical Education." Dr. Phipps will return to his duties as Chairman of the Department of Vocational and Technical Education, University of Illinois, on September 1, 1969.

PEH

**Votec E459 Schedule.** Votec E459, Directed, Structured Occupational Experiences for Secondary and Post-Secondary Teachers of Agricultural Occupations, will be taught the first semester of 1969-70 at Urbana. The course allows teachers to gain experiences in non-farm agricultural firms and to translate their experiences into workable source units. The work experience phase of the course started August 11, 1969, and will continue through the first week of September.

DLW



Student Teaching Summer Experience Program. Student teachers enrolled in Votec 275, Summer Experience in Agricultural Education, will spend three weeks in their cooperating schools during June and August. Cooperating schools, cooperating teachers, and the student teachers assigned to these schools are as follows:

<u>School</u>	<u>Fall Student Teaching Teacher</u>	<u>Student Teacher</u>
Belvidere	Loren Mills	Allan Borhart Charles Weeks
Champaign Central Clinton	Lowell Hillen Don Prather	Roger Francis Allen Dietz Robert Cardoni
Danville Jr. College	Jerald Binkley	Jewell Kirkpatrick Gary Ludwig
Rock Falls	Royal McCormick	Roscoe Goodwin James Ethridge
Herscher	Eldon Chapman	Dale Wolff Richard Wax
Mahomet	Carl Hart	Richard Smith Jerry Huffington
Rochelle Toulon	Glenn Curl Charles Pearson	Gail Prentice Charles Malley Donald Carlson

Spring Student Teaching

Beason	Dorr Simer	Stanley Rowe Robert Wolf
Cissna Park Lawrenceville	Roland Meyer Frank Barbre	James Randall David Simms Charles Specht
Paxton	Robert Rohlfing	Bill Holstine Bruce Henrickson
Loanoke	Eldon Witt	Gary Richards James Deweerth
St. Joseph	Kermit Esarey	Robert Bidner Philip O'Bryan
Warsaw	James Trotter	Dale Law Larry Gleckler

Dr. Douglas Patterson, Division of Agricultural Education, will supervise student teachers during their summer experience program.

KWK

Extramural Course for New and Returning High School Teachers. E370, Agricultural Occupational Education for first year teachers is being offered again this year. First year teachers, teachers who are returning from other occupations and teachers employed in Illinois for the first time are encouraged to enroll. Enrollment will be open until September 13, 1969. Teachers wishing to enroll in the course may attend the make-up workshop to be held at the University of Illinois, Urbana-Champaign, on Saturday, September 13, in Room 33 of the Education Building.

Additional information about the course can be obtained by contacting Dr. Hollie Thomas, 359 Education Building, University of Illinois, Urbana 61801.

DLW



Structured Occupational Experience for Teachers of Agricultural Occupations. Teachers enrolled in Votec 459 during the Summer of 1969 spent a minimum of 80 hours in a non-farm agricultural firm to develop an understanding of the organization, management and operation of the business. Experiences, which focused upon moving the product into the firm, were analyzed in terms of their implications for teaching junior college and high school students and workable source units developed. Cooperating agricultural firms and the teacher assigned to each firm are as follows.

Agricultural Firm

Teacher

Mattoon International Harvester,  
Mattoon

James Becker  
Lake Land College

Landers Seed Company,  
Sullivan

E. L. Bosomworth  
Olney Central College

Massey Ferguson Company,  
Urbana

Eldon Chapman  
Herscher High School

J. R. Heath and Son (John Deere),  
Monticello

Neal Coyle  
Lincoln Land College

Abbett's Florist,  
Champaign

Gerold Davis  
Williamsville High School

Champaign County F.S.,  
Champaign

William Johnson  
Joliet Junior College

Curry's Farm Service (Case),  
Tolono

Cletus Mitchell  
Kankakee Community College

E. Phipps and Son (Case),  
Seymour

Roland Pettit  
Spoon River College

King Brothers (International Harvester),  
Arcola

Bill Rich  
Lake Land College

Allerton Implement Company (John Deere),  
Allerton

Roger Webb  
Kishwaukee College

Schultz and Howell (International Harvester),  
Arthur

Luther Wells  
Mt. Zion High School

DLW



(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	
_____	\$4.50	_____	Set of Feed Samples
_____	per <sup>30</sup> pkg.	_____	Land-Use Selection Cards (pkg. of 20)
_____	.035	_____	"Farm Youth on the Go"
_____	1.80	_____	Soybean Packet
_____	no chg.	_____	VAS Catalog & Order Forms
_____	no chg.	_____	Advance Order Form for Agricultural Releases, etc.

\*\*\*\*\*

Current Catalogs or Order Lists as follows--

American Assoc. for Agr. Eng. & Voc. Agr., Athens, Georgia

Ohio Agr. Educ. Curriculum Mat. Service, Columbus, Ohio

Hobar Publications, St. Paul, Minnesota

\*\*\*\*\*

Name \_\_\_\_\_ School \_\_\_\_\_  
Address \_\_\_\_\_ Zip Code \_\_\_\_\_  
Billing \_\_\_\_\_

(tear sheet)

I wish to apply for a set of FFA roadside signs:

This would be a--

\_\_\_\_\_ New set

\_\_\_\_\_ Replacement set

Name \_\_\_\_\_ School \_\_\_\_\_

Address \_\_\_\_\_ Zip Code \_\_\_\_\_

Return to: Vocational Agriculture Service, 434 Mumford Hall, Urbana, Illinois 61801

AIDS, August 1969





(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please reserve the "at large" surveying kit as indicated below (1st, 2nd, 3rd choice of dates):

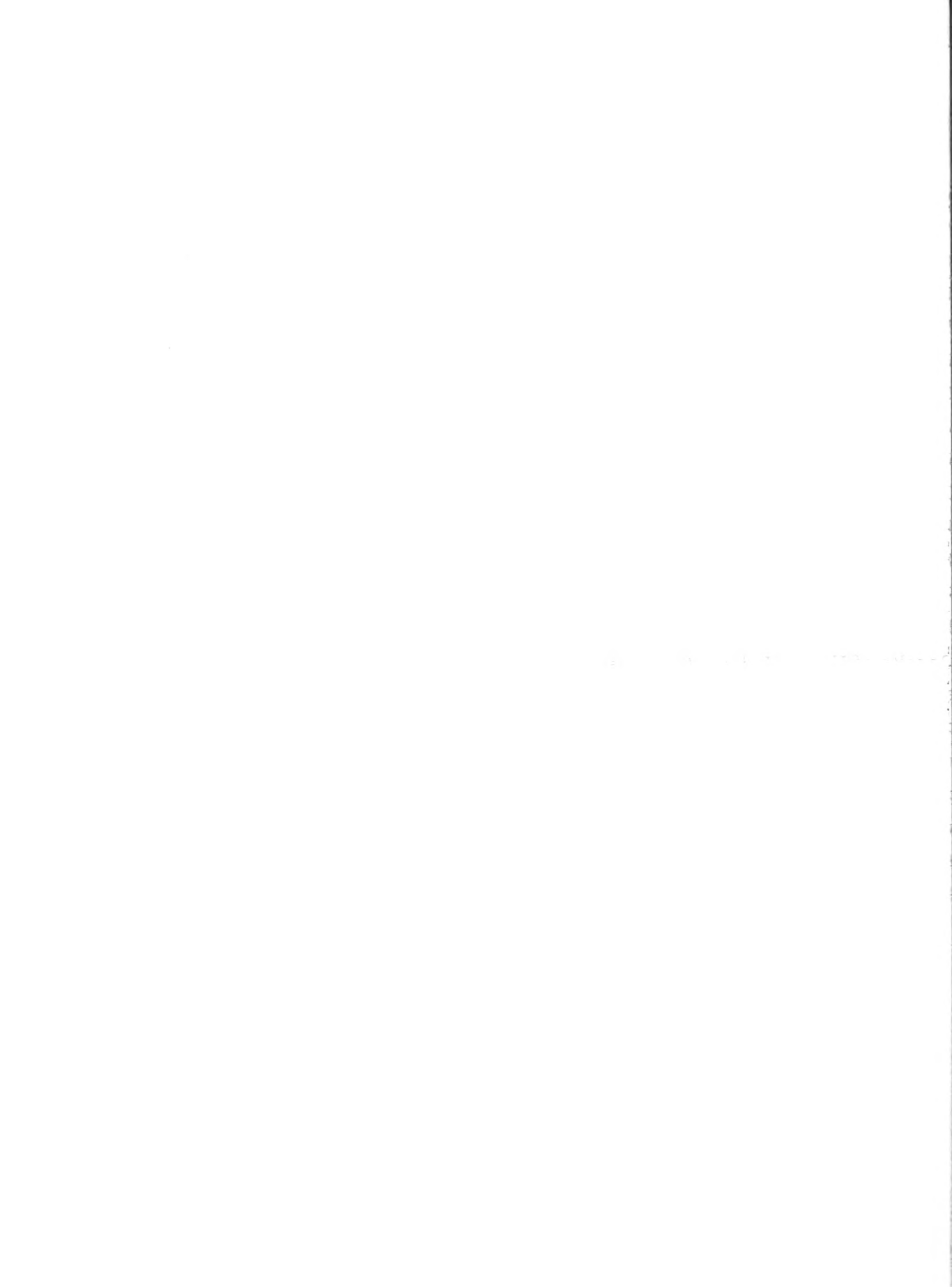
<u>Choice</u>	<u>Pick up date</u>	<u>Return date</u>
_____	Aug. 23	Sept. 6
_____	Sept. 6	Sept. 20
_____	Sept. 20	Oct. 4
_____	Oct. 4	Oct. 18
_____	Oct. 18	Nov. 1
_____	Nov. 1	Nov. 15
_____	Nov. 15	Dec. 6
_____	Dec. 6	Jan. 3
_____	Jan. 3	Jan. 31
_____	Jan. 31	Feb. 28
_____	Feb. 28	Mar. 21
_____	Mar. 21	Apr. 11
_____	Apr. 11	Apr. 25
_____	Apr. 25	May 9
_____	May 9	May 23
_____	May 23	End of school year

Remarks:

Signed \_\_\_\_\_

Address \_\_\_\_\_

Vocational Agriculture Service will confirm your reservation or notify you if it is not available on the dates chosen as soon as we receive it.



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## PRICE LIST OF FEEDS<sup>1/</sup>

Prices for some of the feeds used in supervised experience programs are listed below for students obtaining their feed at home. Purchased feeds can be recorded at prices paid.

<u>Kind of feed</u>	<u>July 18</u>	<u>June 15</u>	<u>May 15</u>
Corn shelled, bu. . . . .	\$ 1.20	\$ 1.21	\$ 1.22
Corn, ground shelled or ear corn, bu. . . . .	1.30	1.31	1.32
Oats, bu. . . . .	.55	.61	.64
Oats, ground, bu. . . . .	.65	.71	.74
Barley, (feed) bu. . . . .	.82	.84	.87
Barley, ground or rolled, bu. . . . .	.92	.94	.97
Grain sorghum, cwt. . . . .	1.75	1.80	1.80
Grain sorghum, cracked, cwt. . . . .	1.85	1.90	1.90
Whole milk, mfg. grade, cwt. . . . .	4.10	4.10	4.10
Corn silage, ton . . . . .	9.50	9.50	9.50
Sorghum silage, ton. . . . .	8.50 <sup>2/</sup>	8.50 <sup>2/</sup>	8.50 <sup>2/</sup>
Haylage, ton . . . . .	13.50 <sup>2/</sup>	14.00 <sup>2/</sup>	14.50 <sup>2/</sup>
Clover and mixed hay) All hay and straw prices . . . . .	20.50	21.00	22.00
Alfalfa ) are for baled. Figure . . . . .	22.00	22.50	23.50
Oat or wheat straw ) loose at \$5 less per ton . . . . .	15.00	15.00	16.00

Prepared in cooperation with the Department of Agricultural Economics.

Or convert to dry hay equivalent containing 90 percent dry matter.

<u>Pasture Rates</u>	<u>Cost per day</u>
*Calves and colts:	
6-11 months	\$.06
12-24 months	.09
over 24 months	.12
Lambs to weaning	.01
Sheep - yearlings and mature	.025
Pigs, 50 to 100 lbs.	.005

\*Reduce by 2/3 for full-fed cattle

\*Reduce by 1/3 for limited fed cattle

**VOCATIONAL AGRICULTURE SERVICE**

University of Illinois - College of Agriculture

**434 MUMFORD HALL - URBANA, ILLINOIS 61801**

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# VOCATIONAL - AGRICULTURE

# AIDS

Volume 28, Number 3  
October 1969

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434 Mumford Hall  
Urbana, Illinois 61801

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Issued jointly by  
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Agricultural Education Divisions  
University of Illinois  
Southern Illinois University  
Illinois State University  
Western Illinois University  
Illinois Association of Vocational Agriculture Teachers  
State Board of Vocational Education and Rehabilitation



State of Illinois  
BOARD OF VOCATIONAL EDUCATION AND REHABILITATION  
Vocational and Technical Education Division  
405 Centennial Building  
Springfield 62706  
October 1969

Vocational Agriculture Dates and Activities to Remember

October 14	Central Region FFA Public Speaking Contest, Kansas City (Jim Buck, Armstrong)
October 14-17	National FFA Convention, Kansas City
October 15	FFA Dues, Membership List to Sectional President (Dues \$1.50 each-- \$.50 State + \$1.00 National)
October 15	National FFA Dairy Products Judging Contest, Kansas City (Orangeville)
October 15	National FFA Meats Judging Contest, Kansas City (Shelbyville)
October 15	National FFA Poultry Judging Contest, Kansas City (Shelbyville)
October 16	National FFA Dairy Cattle Judging Contest, Kansas City (Orangeville)
October 16	National FFA Livestock Judging Contest, Kansas City (Pleasant Plains)
October 31	Chapter Program of Work to Sectional President
December 5-10	NVATA-AVA Meeting, Boston
December 31	Complete Records of Students' Supervised Experience Programs
February 15	Annual Supervised Agriculture Experience Program Summary Report to State Office, Springfield
February 21-28	National FFA Week
March 2	Sectional FFA Foundation Awards Winners Reported to State Ofc., Springfield
March 12-14	Illinois Vocational Association Meeting, Chicago
March 21	State Meat and Milk Judging Contest, Urbana
March 25	District FFA Foundation Awards
April 8	District FFA Public Speaking Contests
April 15	State and American Farmer Applications to State Office, Springfield
April 18	State FFA Foundation Awards Meeting, Urbana
April 25	State FFA Extemporaneous Public Speaking Finals and Preliminary State FFA Prepared Public Speaking, Springfield
May 1	Completed FFA Program of Work to Sectional Vice-President
May 2	State Vocational Agriculture Livestock, Dairy, Poultry, and Crops Contests, Urbana
June 1	Annual FFA Report to State Office, Springfield
June 16-18	Annual State FFA Convention, Urbana
*Aug. 10-12	Annual Conference IAVAT, Urbana
*Aug. 15	Applications for Jr. College Scholarships to Foundation Committee
*New information	
AIDS, October 1969	

1000

1000  
1000

1000

1000

# VO-AG SERVICE

## Announcements & Notes

Telephone - Area 217 - 333-3870

Agricultural Releases. The first shipment of Releases (October) will be reaching you shortly. Subscriptions are still coming in (September 20) and will probably continue to do so until the deadline date of October 1. If your subscription came in during the latter part of September, your first issue may be a few days late. Please let us know if you fail to receive your Releases by October 15. Also, please check your label for any errors in name or address and notify us accordingly.

JWM

New Bulletins and Circulars. Only one new circular has been released since the last issue of the AIDS. It is Cir. 1004, Pest Control and Related Practices in Commercial Fruit Plantings. A copy was included in October Releases. Quantity copies for out-of-state distribution are available at 20¢ each. Illinois schools may request in the usual manner.

JWM

New Film on Soybean Harvesting. We have word from Dr. John Siemens, Extension Agricultural Engineer, that a new 16 mm. color movie entitled "Run for the Money" has been placed in the film library of Visual Aids Service, 704 S. Sixth Street, Champaign. This film shows where soybean losses occur and why. It shows how to measure component losses, how to make machine adjustments and gives guidelines to operating practices for keeping losses at a minimum. The film was made by the Agricultural Engineering department at Ohio State University and is sponsored by Elanco Products. The film can be scheduled by your school through Visual Aids Service in the regular way.

JWM

Guide for Measuring Soybean Harvest Losses. This is a brochure that was secured from Ohio State University by Dr. John Siemens, Extension Agricultural Engineer. A copy was included in October Releases. Additional copies can be secured so long as the supply lasts by writing to Dr. Siemens, 101 Agricultural Engineering, Urbana 61801.

JWM

Private Water Systems. This is a Midwest Plan Service publication which deals thoroughly with water sources, pumps, pressure systems, piping, and water treatment. A copy was included in October Releases. Additional copies may be secured at \$1.00 each from Vocational Agriculture Service, or by writing to the Agricultural Engineering department of any midwest land grant University.

JWM

Plows and Plowing. A few copies of "Plows and Plowing," purchased from the Ohio Agricultural Education Curriculum Materials Service, are still available. This publication was displayed at the June Conference and orders were taken at that time. This 125-page publication is available at \$1.55 per copy, plus postage, and is listed on the tear sheet in this issue of the AIDS.

JWM

Ford Announces Expanded Program The Ford Motor Company recently announced that they are expanding their donations of tractor power trams to qualifying high schools, colleges, and universities. The power trams are donated through Ford's tractor and implement operation and consist of three cylinder diesel or gasoline engines, an eight-speed manual transmission, and a rear axle. The donation to each school is valued from \$3,890 to \$4,370. Additional information may be obtained by writing to the Ford U. S. Tractor and Implement Operations, 2500 East Maple Road, Birmingham, Michigan 48012.

JWM



Engine Analysis Kit Schedule. Following is the engine analysis kit schedule for the next six periods of the year. The two remaining periods will be included in later issues of the AIDS. Copies of this schedule have not been sent to the schools involved so it is important to check this closely and let us know immediately if you discover errors.

We have 22 schools on the waiting list so please let us know at least a month ahead if you plan change and you want to cancel the kit.

Section	B Oct. 6-24	C Nov. 3-21	D Dec. 1-19	E Jan. 5-23	F Feb. 2-20	G Mar. 2-20
1	Forreston	Grangeville	Warren	Pearl City Dakota	Pecatonica	Elizabeth
2	Lanark PawPaw	Tampico	Milledgeville	Mt. Carroll	Chadwick	Shannon Morrison
3	****	Kewanee	Cambridge	Galva	Malden	Geneseo
4	Abingdon	Knoxville	Yates City	Monmouth	Alexis	Williamsfield
5	****	Granville	Henry	Wenona	Varna	Eureka
6	Sycamore	Poplar Grove	DeKalb	Woodstock	Genoa	****
7	Somonauk	Serena	Tonica	Mendota	Seneca	Shabbona
8	Lockport	Plano	Naperville	Beecher	Joliet	Mazon
9	****	Hopedale	Cornell	****	Culliem	Colfax
10	Wellington	Cifton	Gilman	Onarga	Manteno	St. Anne
11	LaHarpe	Nauvoo	Warsaw	Bushnell	Dallas City	Macomb
12	Havana	Bath	Manito	Astoria	Farmington	Fairview
13	Perry	Mendon	****	Pleasant Hill Milton	Kinderhook	Virginia
14	Chatham New Berlin	New Holland	Mt. Pulaski Beason	Rochester	Buffalo	Auburn
15	****	Jacksonville	Hardin	Piasa	****	Staunton Franklin
16	Mt. Zion	Arthur	Maroa	Deland	Saybrook	Monticello
17	St. Joseph	Rantoul	Fisher	Villa Grove	Newman Tolono	****
18	Rankin	Potomac	Hume	Armstrong	Bismarck	Paris
19	Raymond Sullivan Lovington	Moweaqua	Hillsboro	****	Herrick	Litchfield
20	Charleston	Neoga	Kansas	Toledo	Marshall	Effingham
21						
22	Aviston	Red Bud	Steeleville	Edwardsville	Nashville	Sparta
23	Wayne City	Cisne	Bridgeport	Oney	Flora	Lawrenceville
24	Thompsonville	Christopher	Ullin	Anna	Pinckneyville	Murphysboro
25	Shawneetown	Ridgway	Vienna	Mill Shoals	Eldorado	Goreville

NOTE: \*\*\*\* means kit is scheduled to a school from another section. No schedule for Section 21 is shown as sectional meeting had not been held when this was prepared.



Vaporizing Liquid Fire Extinguishers. The following is from information supplied by O. L. Hogsett, Extension Safety Specialist:

"Each year I get requests for information relative to fire equipment salesmen who are trying to interest you in selling small fire extinguishers as a money-making project for FFA or 4-H clubs. In most cases, it is a vaporizing liquid fire extinguisher. The material is stored in the can as a liquid. It is under pressure and when released it comes out as a vapor. This vapor is heavier than air and excludes the oxygen from the fire and thus is supposed to smother the fire. Usually there is a statement that the product contains no carbon tetrachloride.

"There are about 30 products listed as vaporizing liquids. Some of those included are carbon tetrachloride, methylbromide, ethylene dichloride, monobromo, trifluoromethane, dibromodichloroethane and others. Just because the advertising states that there is no carbon tetrachloride does not mean that these other products are not harmful. Any of the other vaporizing liquids can also cause serious problems to anyone breathing the vapors or having skin contact.

"The advertising also says that the extinguisher is good for any incipient fire. An incipient fire is a very small fire. The 12 to 16 ounce cans of vaporizing liquid can only put out a very small fire. Also, when these vaporizing liquids are sprayed into a hot fire, they may give off deadly phosgene gas.

"If you have any groups that are interested in selling fire extinguishers, may I suggest that they sell nothing except a U-L approved extinguisher no smaller than 2½ lb. dry chemical. These extinguishers will cost more but you will be doing a community service, rather than a disservice."

OLH/JWM

Admission Procedures for New Freshmen. Some information furnished by Dean C. D. Smith is inserted in copies of the AIDS going to Illinois teachers. It refers to admission procedures for freshmen who wish to enter the University of Illinois at Urbana-Champaign in September 1970. This material has been sent to school administrators, guidance and counseling personnel but we thought it would also be of interest to agriculture teachers.

CDS/JWM

A Guide to Parliamentary Practices (Revised). This 44-page, 5½ x 8½, 2-color publication is a revision of the booklet by the same title. Besides using a second color for emphasis, much effort was made to simplify the booklet and make it more understandable for students. Copies are available from Vocational Agriculture Service at 35¢ each, plus postage. It is listed on the tear sheet in the back of this issue of the AIDS.

WHW

Judging Dairy Cattle. This 16-page, 2-color publication was prepared as an aid in preparing judging teams for the state contest. It, besides explaining judging techniques, shows how to use the judging cards for determining the final placing on a production ring, and how to properly mark the cards after a placing has been determined. Copies are available from Vocational Agriculture Service at 20¢ each plus postage. It is listed on the tear sheet in the back.

WHW

Schools Participating in National Judging Contests. Five schools will represent Illinois in the national judging contests. They are as follows:

Livestock - Pleasant Plains - Oct. 16 at American Royal Arena

Dairy - Orangeville - Oct. 16 at American Royal Arena

Poultry - Shelbyville - Oct. 15 in basement of Auditorium

Meat - Shelbyville - Oct. 15 at U.S. Gov. Cold Storage Facility

Dairy Products - Orangeville - Oct. 15 at Aladdin Hotel

Here's hoping all of them a lot of luck and success in the contests.

WHW





North-Central Weed Control Conference Essay Contest. An announcement and rules for this contest were received from Dr. Marshall McGlamery, Extension Weed Specialist. Rules are essentially as follows: Any boy or girl between ages 12 and 18 whose family is actively engaged in managing and operating a farm is eligible to participate. Title of the essay shall be "How We Control Weeds on Our Farm." It must be typewritten or written in ink, on one side of the paper only. The essay must not exceed 1,000 words in length. The writer's name, address, and age should be on the reverse side of the first page. Essays will be judged 75% on subject material and 25% on method of presentation. The state winner will receive an award of \$25; winner of the several states participating will receive a \$300 scholarship. Entries should be sent to Dr. McGlamery, University of Illinois, N-15 Turner Hall, Urbana, Illinois 61801, not later than October 15, 1969. The 1968-69 Illinois winner was Tom Roselius from Crescent-Iroquois High School. He also placed second in the National Contest.

RLC

Forest Tree Application Forms. Through the cooperation of Professor W. F. Bulkley, we are enclosing in the October Releases going to Illinois subscribers, an application form for forest tree planting stock, and a list of trees available for reforestation purposes. The stock is available only to Illinois landowners. The nurseries are accepting orders until April 17, 1970.

RLC

Agronomy Day Proceedings--1969. A single copy is included in the October Releases. There is a limited quantity remaining. If you do not receive Releases and wish a copy, please let us know.

RLC

Soybean Farming. This publication was provided by the National Soybean Crop Improvement Council. A single copy was included in the October Agricultural Releases. Quantity copies for classroom use are available by writing directly to Robert W. Judd, Managing Director, Professional Building, 211 S. Race Street, Urbana, Illinois 61801.

RLC

Modern Soybean Production Subject-Matter Packet. This packet contains a teacher's guide and supplementary references (25 publications) that could be used in planning and teaching a systematic course on soybean production. A single copy of the teacher's guide was included in the October Releases. This packet was announced at June Conference and orders received to date have been sent. This packet is available for \$1.80, plus postage.

RLC



## 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.

A NORTH AMERICAN COMMON MARKET 1969 \$8.50 Iowa State University Center for Agricultural and Economic Development, Iowa State University Press, Ames, Iowa 50010.

"This is a series of 20 papers on the world food problem and its implications to North American agriculture. North America may be called upon to intensify its food production as a means of meeting needs generated by world population growth. One method would be the creation of a 'North American Common Market' wherein the patterns of resource allocation, production location, and market floors would be allowed to spread over the entire continent in the most efficient manner. The conference reported in this volume was organized accordingly.

"The papers presented in the conference and published as chapters of this monograph provide some stimulating possibilities and represent original analyses of complex phenomena. They provided foundation for spirited discussion and debate among the several hundred participants from Mexico, Canada and the United States who attended the conference."

EDUCATORS GUIDE TO FREE TAPES, SCRIPTS AND TRANSCRIPTIONS 1969 \$6.75 Educators Progress Service, Randolph, Wisconsin 53956.

"The sixteenth edition is completely new and is devoted exclusively to selected free tapes, free scripts, and free transcriptions. This edition lists, classifies, and provides complete information on sources, availability, and contents of 196 free tapes, 49 free scripts, and 156 free transcriptions, a total of 401 valuable materials. Of these, 119 are new starred (\*) titles."

EDUCATORS GUIDE TO FREE SCIENCE MATERIALS 1969 \$8.25. Educators Progress Service, Inc., Randolph, Wisconsin 53956.

"This service is devoted exclusively to free science materials. This tenth edition lists, classifies and provides complete information on titles, sources, availability and contents of 1,250 free films, 114 free filmstrips and 586 other free supplementary materials, from 365 sources--bulletins, pamphlets, exhibits, charts, posters and books--a total of 1,950 free items, of which 595 are new in this edition. 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."

EDUCATORS GUIDE TO FREE SOCIAL STUDIES MATERIALS 1969 \$9.50. Educators Progress Service, Inc., Randolph, Wisconsin 53956.

"The ninth annual edition is a complete, up-to-date, annotated schedule of selected currently available free audiovisual and other social studies curriculum enrichment aids--bringing you the compiled information on these free informational and educational materials, all at your finger tips, within the covers of a single book. This edition lists, classifies and provides complete information on titles, sources, availability and contents of 1,804 films, 174 filmstrips, 122 sets of slides, 88 tapes, 47 scripts, 99 transcriptions, and 485 other materials--a total of 2,810 selected free items, of which 833 are new in this edition."



ANIMAL NUTRITION, 6TH EDITION 1969 Maynard and Loosli. McGraw-Hill Book Company, New York 10036.

"This sixth edition of ANIMAL NUTRITION retains the original purpose of presenting the principles of nutrition and their applications to feeding practice. . . It is a thoroughly revised, up-to-date text. In fact, one of the main objectives of the authors is to portray the great developments in nutritional science and to point out their significance in feeding practice today. The book also discusses how much current knowledge has been obtained and indicates what experimental methods will be used to develop and consolidate new information in the future."

THE SCIENCE OF ANIMALS THAT SERVE MANKIND 1969 Campbell and Lasley. McGraw-Hill Book Company, New York 10036.

"This book is designed to serve as a text for college students who desire a comprehensive introduction to the fundamental principles of animal science, emphasizing the study of those animals that serve mankind. Unlike other introductory books, The Science of Animals that Serve Mankind omits management and production practices and offers the reader a considerable amount of basic material not commonly presented in introductory animal science texts. The book is designed to provide the student with a better understanding of animal genetics, anatomy, physiology, nutrition and of animal diseases which are of special importance to man."

EDUCATORS GUIDE TO FREE GUIDANCE MATERIALS 1969 Educators Progress Service, Inc., Randolph, Wisconsin 53956

"This Guide has been developed as a basic resource for aiding counselors and teachers. This eighth edition lists, classifies and provides complete information on titles, sources, availability and contents of 599 films, 73 filmstrips, 28 tapes, scripts, and transcriptions, and 227 other materials--bulletins, pamphlets, charts, posters, magazines, and books--a total of 927 selected free items, of which 279 are new and starred (\*)."



division of  
agricultural  
education  
  
college of  
education

University of Illinois



Part-time Staff Members. Fifteen graduate students have been employed as graduate or research assistants in the Division of Agricultural Education for the 1969-70 school year. Graduate assistants new to the staff this fall and their home states are as follows:

H. Eugene Craig	Illinois
Douglas Foss	Illinois
Everett Harris	Vermont
Richard Hofstrand	North Dakota
George Leighty	Illinois
Gene Morman	Illinois
Ted Shipley	Alberta, Canada
Leonard Sigler	Illinois
Mike Still	Illinois
John Todd	Tennessee
Dan Vogler	Illinois

Graduate assistants who were on the staff last year include the following:

Ali Ammadi	Iran
Douglas Patterson	Alabama
John Roth	Illinois
Elmer Wright	Arkansas

PEH

E370, Agricultural Education for Beginning and Returning Teachers. The extramural course E370 is being offered for the twentieth consecutive year. Enrollment is open to all new teachers in Illinois and persons returning to teaching from other occupations. Three sections of the course are being offered with Mr. Douglas Patterson, Dr. Hollie Thomas, and Dr. David Williams serving as instructors. If you are eligible to enroll, and have not been contacted, write to Dr. Hollie Thomas, 359 Education Building or phone 217 - 333-3275.

HBT

Agricultural Mechanics Workshop. Two area vocational center and fifteen junior college agricultural mechanics instructors recently completed a one-week (August 17-22, 1969) intensified workshop conducted by the International Harvester Company at their Hickory Hill Service Training Center, Sheridan, Illinois.

Instruction focused on servicing hydrostatic drive transmissions and the Robert Bosch diesel pump.

(cont.)





Workshop participants and their educational institutions were as follows:

<u>Institutions</u>	<u>Instructor(s)</u>
Wabash Valley College	Joe Berberich, Harold Stogsdill Dwight Mobley, Morris Burkett
Danville Junior College	Dale Fathauer, Williford Hockett
Lincoln Land Community College	Neal Coyle
Highland Community College	Gordon Sarb
Kankakee Community College	Cletus Mitchell
Rend Lake College	David Scott, Carroll Turner
Parkland College	Larry Munton
Illinois Central College	Steven Johnson
Ambraw Valley Area Vocational Central	Robert Cobb
Kishwaukee College	Roger Webb
Okaw Area Vocational Center	Max Grinnell
Spoon River College	Brian Telander

DLW

Agricultural Occupations Summer Experience Program. Student teachers who participated in the Summer Experience Program and the school where they were assigned are as follows:

<u>School</u>	<u>Cooperating Teacher</u>	<u>Student Teacher</u>
Belvidere	Loren Mills	Alan Borhart Charles Weeks
Champaign Central	Lowell Hillen	Roger Francis
Clinton	Don Prather	Allen Dietz Robert Cordoni
Danville Jr. College	Jerald Binkley	Jewell Kirkpatrick
Rock Falls	Royal McCormick	James Ethridge
Mahomet	Carl Hart	Richard Smith Jerry Huffington
Rochelle	Glenn Curl	Gail Prentice
Toulon	Charles Pearson	Charles Malley Donald Carlson
Beason	Dorr Simer	Robert Wolf
Cissna Park	Roland Meyer	James Randall Calvin Twenhafel
Lawrenceville	Frank Barbre	Charles Specht
Paxton	Robert Rohlfing	Bill Holstine Bruce Henrickson

(cont. )



Roanoke	Eldon Witt	Gary Richards
St. Joseph	Kermit Esarey	Robert Bidner Philip O'Bryan
Warsaw	James Trotter	Dale Law Larry Gleckler

During the three weeks program the student teachers became acquainted with the summer responsibilities of the agricultural occupations instructor and assisted with the agriculture and FFA activities at the local and sectional level. School visits were made during this period by a member of the Agricultural Education Division.

Student teachers who will be enrolled in the regular student teaching program but were unable to participate in the Summer Experience Program are as follows:

<u>School</u>	<u>Cooperating Teacher</u>	<u>Student Teacher</u>
Danville Jr. College	Jerald Binkley	Gary Ludwig
Rock Falls	Royal McCormick	Roscoe Goodwin
Herscher	Eldon Chapman	Dale Wolff Richard Wax
Lawrenceville	Frank Barbre	David Sims
Roanoke	Eldon Witt	James DeWeerth

RWW



# 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

Graduate Courses for Vo-Ag Teachers. Two courses are being offered in the Fall Quarter on Saturdays for teachers of agricultural occupations.

Ag. Ind. 478 (4 hrs.) Advanced Farm Machinery.  
8:00-11:50. Paterson

Ag. Ind. 485 (3 hrs.) Principles and Philosophy of Vocational  
Technical Education.  
9:00-11:30. Ramp

Student Teaching Methods. SIU is on the quarter system and uses a professional quarter for methods and student teaching. By request of past student teachers for more time in actual teaching, the former 2-week orientation has been cut to one week to be done the first week of the quarter. After two weeks on campus in intensive work on methods, the student teachers will return to their assigned centers for the remainder of the quarter. More time will be spent in the center by the supervising teacher in conference with the cooperating teacher and the student teachers.

## Student Teachers Fall Quarter

<u>Student Teacher</u>	<u>School</u>	<u>Cooperating Teacher</u>
Ronald Conrad	Columbia	Walter Monke
Dean Kyburz	Columbia	Walter Monke
Michael Marks	Eldorado	Richard Sutton
Don Bauer	Joppa	Clarence Cox
Robert Chamberlain	Joppa	Clarence Cox
William Vaughn	Nashville	Leland Wells
Francis Epplin	Nashville	Leland Wells
Keith Hocking	Olney	Bobby Whittington
Jerry McNeill	Olney	William Washburn
Gary Greenwood	Pinckneyville	Louis Templeton
Tom Wiggins	Pinckneyville	Louis Templeton
Rodger Florreich	Red Bud	Allan Strieker
Carl Leslie	Salem	Robert Cone
Marvin Webb	Salem	Kenneth Poole
Terry Thompson	St. Elmo	Richard Lowe
Lee Marten	Vandalia	Max Grinnell
Dana Sauer	Vandalia	Max Grinnell

## Report on Staff

Dr. Walter J. Wills, Chairman of Agricultural Industries, is on a one year sabbatical leave, beginning September 1. He has a Fulbright lectureship at Ege University, Izmir, Turkey in marketing and will also serve as a consultant to the Ministry of Agriculture. Dr. William Herr, Professor of Agriculture Economics, Agriculture Industries, is acting Chairman during the absence of Dr. Wills.

AIDS, October 1969



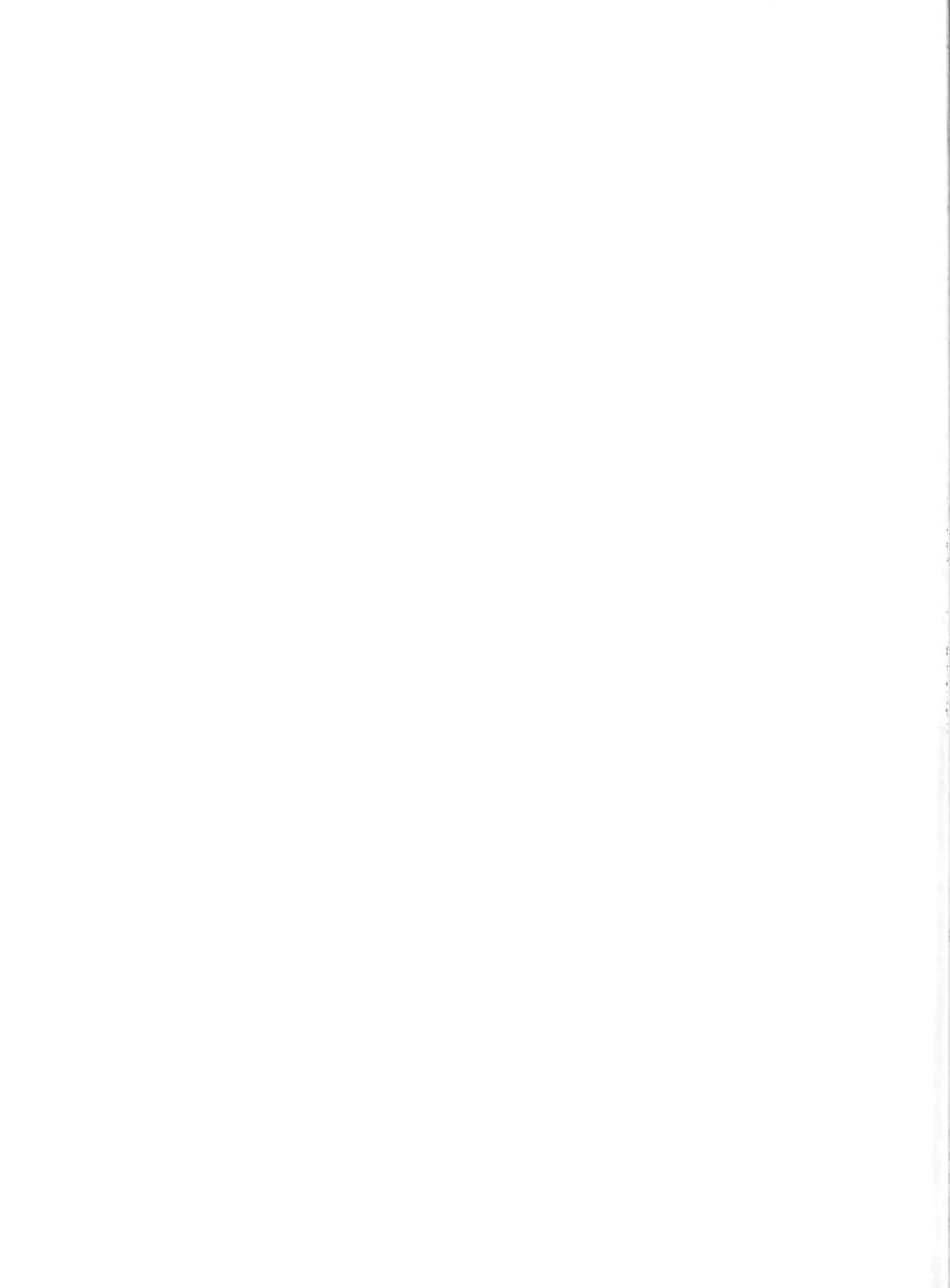
Dr. Tom Stitt is on a two-year assignment to Nepal as a member of the SIU/AID educational party with the responsibility of advising in the training of vocational agriculture teachers.

William A. Doerr is completing the requirements for a PhD and has been reassigned from superintendent of University Farms to a full-time instructor in Agriculture Education.

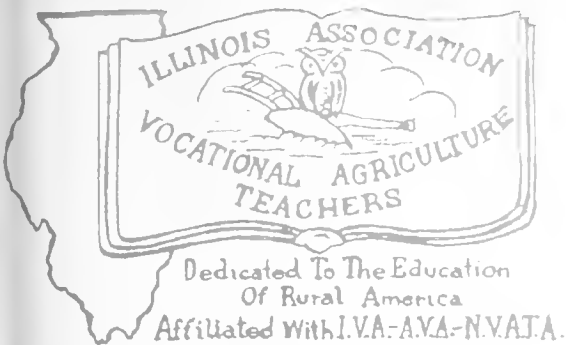
Dr. Ralph A. Benton will be in charge of student teaching this year assisted by Dr. Gene Wood and Dr. Ted Buila.

Dr. Ted Buila, by invitation, attended and participated in a National Institute on "Improving Vocational Education Evaluation" at the University of Arkansas last August 4-8.

William A. Doerr, also by invitation, attended and participated in a National Seminar on "Vocational Teacher Education" at the University of Tennessee August 11-12.







# I A V A T NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

From the President's Pen ---

Your president and Charles Schettler met with Mr. Sherwood Dees, Director of Vocational Education, the latter part of August. The meeting provided for a free exchange of ideas and philosophy concerning recent developments and was deemed a worthwhile meeting.

Members of the IAVAT Executive Committee met with the Illinois FFA Executive Committee during their leadership training school held at Pere Marquette State Park. The groups exchanged ideas on how the FFA might best adapt to changing situations and thus carry on the work of the FFA. Those FFA officers attending received some excellent training. Also, they are appreciative of the work of the advisors and of the IAVAT. Following are excerpts from just two letters which convey this thought:

"-----If we can return just a small portion of the help our advisors have given us on a chapter, sectional, and state level; our problems will fail to materialize. We appreciate the concern for our organization."

"-----I am well aware of the numerous contributions of vocational agriculture teachers to the Future Farmers of America, and offer my sincere thanks to the organization of men which you represent-----."

The IAVAT was represented at the Illinois Vocational Association Board of Director's meeting held at Chicago September 12 and 13. As per our constitution, these representatives are the president, vice-president, and past president. This arrangement allows for a continuity of representation which is advantageous to an organization.

E. L. Bosomworth, Pres.

\*\*\*\*\*

When Jesus was upon earth someone asked him, "Where is Heaven?" The answer He gave was something like this:

"Some say that it is here  
And some say it is there  
But I can say to you  
It is neither here nor there  
It is either inside of you  
Or it is nowhere."

We are now in the trial period of vocational education and professionalism. Professionalism is either inside you or it is nowhere. I do not have an official report of the membership roll, but I have been told the "sign-up" is encouraging. This is indeed good news to the executive committee. They are carrying a tremendous responsibility upon their



shoulders. We have a mandate from the membership (by a small majority) to provide our organization with an executive secretary. It will take time to develop the structure just to hire the right person. Cooperation and understanding will be required of all members. Above all, let's give the new executive secretary an opportunity to grow into his responsibilities. No person will be capable of waving the magic wand and doing what we want him to do overnight. We must develop priorities and begin with first things first.

It is my understanding we will soon be required to present a one year and a five year plan for our agriculture departments. It will be to our best interests to give some careful thought to the working of these plans. It is my belief we should place special emphasis upon our extended service. Each of us knows the importance of individual instruction on the farm. Now is the time to state it clearly. We could support our extended service by conducting adult courses over the summer months. A year around continuous adult program could be beneficial to the school system and the agriculture department. We are now permitted to train 14 and 15 year olds to operate tractors and machinery. Why not teach this as a summer unit? Two of our most important conferences occur during the summer months--Illinois Association FFA State Convention and our own summer conference. Why not write them into your annual plan? The sectional FFA fair is held during the summer months. Will you include it in your plan? Many sections conduct FFA leadership training schools and sectional agriculture occupations instructors' meetings during the summer months. Why not make this a part of the plan? To qualify for higher awards in the chapter program of work you must have local chapter meetings during the summer. Is this not a part of your job and shouldn't it be included in your annual plan? I see the writing and presentation of the one year and five year plan as a challenge and an opportunity to tell the world what you are doing in vocational education. Some individuals have been doing a good job of public information in the past but now each one of us is challenged as to our importance. Let's accept our responsibilities.

Writing this newsletter reminds me of the three monkeys--I see no evil, I speak no evil, I hear no evil. This is all foolishness and causes my blood pressure to rise. I do see evil, I hear evil and I speak evil; yet I do not receive one letter in a month's time from the membership. I have not attended one meeting since June. but what I was bombarded with questions and opinions. How much simpler it would be if we would stop acting like the three monkeys and voice these opinions to me, by letter by the 10th of the month, so I could attempt to find the answers to your questions and in some cases inform all through this newsletter. Not one sectional public relations officer sent me a news article. Is agriculture dead?

\*\*\*\*\*

One of the qualifications for State Association Award in the NVATA is to have 5% of our membership eligible for the "30 Minute Club." To qualify you must have an article, letter to the editor, or photograph published in a magazine of regional or national distribution. May I urge you to qualify for the 30-Minute Club. Let other states know what the Illinois teachers of agriculture occupations are doing. When you qualify, drop E. L. Bosomworth a note so he can keep a record. By the same token, let's support vocational education in Illinois and write an article for our own Illinois Vocational Progress.

Eldon E. Witt

\*\*\*\*\*



(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	<u>Item</u>
_____	\$ .35	_____	A Guide to Parliamentary Practices (Revised)
_____	\$ .20	_____	Judging Dairy Cattle
_____	\$1.80	_____	Modern Soybean Production - Subject-Matter Packet
_____	\$1.55	_____	Plows and Plowing
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Name \_\_\_\_\_ School \_\_\_\_\_

Address \_\_\_\_\_ Zip Code \_\_\_\_\_

Billing \_\_\_\_\_



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PRICE LIST OF FEEDS<sup>1/</sup>

Prices for some of the feeds used in supervised experience programs are listed below for students obtaining their feed at home. Purchased feeds can be recorded at prices paid.

<u>Kind of feed</u>	<u>Sept. 12</u>
Corn, shelled, bu. . . . .	old, \$ 1.14; new, \$ 1.02
Corn, ground shelled or ear corn, bu. . . . .	old, \$ 1.24; new, 1.12
Oats, bu. . . . .	.54
Oats, ground, bu. . . . .	.64
Barley (feed) bu. . . . .	.75
Barley, ground or rolled, bu. . . . .	.85
Grain sorghum, cwt. . . . .	1.80
Grain sorghum, cracked, cwt. . . . .	1.90
Whole milk, mfg. grade, cwt. . . . .	4.10
Corn silage, ton . . . . .	9.00
Sorghum silage, ton. . . . .	8.00 <sup>2/</sup>
Haylage, ton . . . . .	15.00 <sup>2/</sup>
Clover and mixed hay)    All hay and straw prices . . . . .	21.50
Alfalfa                    )    are for baled. Figure . . . . .	24.00
Oat or wheat straw    )    loose at \$5 less per ton . . . . .	16.00

<sup>1/</sup> Prepared in cooperation with the Department of Agricultural Economics.

<sup>2/</sup> Or convert to dry hay equivalent containing 90 percent dry matter.

<u>Pasture Rates</u>	<u>Cost per day</u>
*Calves and colts:	
6-11 months	\$ .06
12-24 months	.09
over 24 months	.12
Lambs to weaning	.01
Sheep - yearlings and mature	.025
Pigs, 50 to 100 lbs.	.005

\*Reduce by 2/3 for full-fed cattle  
\*Reduce by 1/3 for limited fed cattle

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# VOCATIONAL - AGRICULTURE

# AIDS

Volume 28, Number 4

November 1969

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State of Illinois  
BOARD OF VOCATIONAL EDUCATION AND REHABILITATION  
Vocational and Technical Education Division  
405 Centennial Building  
Springfield 62706

November 1969

Vocational Agriculture Dates and Activities to Remember

December 5-10	NVATA-AVA Meeting, Boston
December 31	Complete Records of Students' Supervised Experience Programs
February 15	Annual Supervised Agriculture Experience Program Summary Report to State Office, Springfield
February 21-28	National FFA Week
March 2	Sectional FFA Foundation Awards Winners Reported to State Ofc., Springfield
March 12-14	Illinois Vocational Association Meeting, Chicago
March 21	State Meat and Milk Judging Contest, Urbana
March 25	District FFA Foundation Awards
April 8	District FFA Public Speaking Contests
April 15	State and American Farmer Applications to State Office, Springfield
April 18	State FFA Foundation Awards Meeting, Urbana
April 25	State FFA Extemporaneous Public Speaking Finals and Preliminary State FFA Prepared Public Speaking, Springfield
May 1	Completed FFA Program of Work to Sectional Vice-President
May 2	State Vocational Agriculture Livestock, Dairy, Poultry, and Crops Contests, Urbana
June 1	Annual FFA Report to State Office, Springfield
June 16-18	Annual State FFA Convention, Urbana
Aug. 10-12	Annual Conference LAVAT, Urbana
Aug. 15	Applications for Jr. College Scholarships to Foundation Committee



# VO-AG SERVICE

## Announcements & Notes

Telephone - Area 217 - 333-3870

Handbook for Agriculture Students and Advisors. A copy of the 1969-70 edition of this publication which describes the various curricula and course requirements for students in the College of Agriculture, University of Illinois, was included in November Releases going to Illinois high schools and junior colleges. If you did not get a copy and want one, please write to Dean C. D. Smith, College of Agriculture, 104 Mumford Hall, Urbana 61801.

JWM

Training Courses - Engine Analysis. Several teachers have inquired about in-service training courses on the use of the engine analysis kit, either as a refresher or to qualify them to use the kit. We will attempt to arrange courses on an area basis again this year if there is sufficient interest. Please fill out and send in the tear sheet form in the back of this issue of the AIDS to indicate your interest. Further information will be sent directly to those who respond and will also be announced in the December AIDS.

RFE

Crop Seed Samples. The Agricultural Education Club has made up sets of crop seed samples in past years on an advance order basis. They are willing to prepare more sets this year if the need exists. They estimate that sets of the 30 crop seeds used for identification in the state judging contest can be made to sell for \$4.75 per set (\$3.80 net to Illinois schools). If you are interested, please fill out and return the tear sheet order form. Sets should be ready in early December.

JWM

Short Course on Surveying. We have a request from teachers in Section 15 for a one-day course on surveying. This course has been tentatively scheduled for Saturday, December 6, at Franklin. Letters are going to all teachers in Section 15 with a card to return. Others who are interested in attending should return the tear sheet form from this issue of the AIDS. As soon as we have returns from six or more teachers, the course will be definitely scheduled. A further notice will appear in the December AIDS.

RFE

Workshops on Electrical Controls. The following workshops on the use of the electrical controls kit have been tentatively scheduled.

Section 25 - Shawneetown - Thursday, November 13, 4:00 p.m.

Section 15 - Jacksonville - Thursday, November 20, 4:00 p.m.

Both of these workshops will begin at 4:00 p.m., and continue into the evening with a break at mealtime. Teachers in the sections involved will receive letters with a card to return. Teachers from other sections who are interested may return the tear sheet form from this issue of the AIDS. As soon as we have enrollment from six or more teachers, the course will be definitely scheduled. If we have less than six by the Monday preceding the scheduled date, the course will be cancelled and those who have sent in cards will be notified.

RFE

Planning Your Farm Business. We have recently revised this publication. A copy is included with Nov. Agr. Releases. Additional copies can be purchased at a price of 30 cents each. The item is included on the tear sheet for convenience in ordering.

JHH

Short Course on Ornamental Horticulture. Teachers in Sec. 12 have requested a 1-day course on the practical steps in beginning a program in orn. hort. The course has been tentatively scheduled at San Jose H. S. on Sat., Nov. 22 at 9.00 a.m. Sec. 12 teachers will receive letters with a card to return, others interested may return the tear sheet from this issue of the AIDS.

RLC





Engine Analysis Kit Schedule. We are continuing to print the engine analysis kit schedule and would urge you to examine it carefully to be sure we have the correct information for your school. We still have schools on the waiting list so be sure to let us know as far ahead as possible if you wish to cancel.

	C	D	E	F	G	H
Section	Nov. 3-21	Dec. 1-19	Jan. 5-23	Feb. 2-20	Mar. 2-20	Apr. 6-24
1	Orangeville	Warren	Pearl City Dakota	Pecatonica	Elizabeth	Winnebago Lena
2	Tampico	Milledgeville Dixon	Mt. Carroll	Chadwick	Shannon Morrison	Franklin Grove
3	Kewanee	Cambridge	Galva	Malden	Geneseo	Annawan
4	Knoxville	Yates City	Monmouth	Alexis	Williamsfield	Biggsville
5	Granville	Henry	Wenona	Varna	Eureka	Roanoke
6	Poplar Grove	DeKalb	Woodstock	Genoa	****	****
7	Serena	Tonica	Mendota	Seneca	Shabbona	Earlville
8	Plano	Naperville	Beecher	Joliet	Mazon	Newark
9	Hopedale	Cornell	****	Cullom	Colfax	El Paso
10	Clifton	Gilman	Onarga	Manteno	St. Anne	Reddick
11	Nauvoo	Warsaw	Bushnell	Dallas City	Macomb	Colchester
12	Bath	Manito	Astoria	Farmington	Fairview	Mackinaw
13	Mendon	****	Pleasant Hill Milton	Kinderhook	Virginia	Barry
14	New Holland	Mt. Pulaski Beason	Rochester	Buffalo	Auburn	Williamsville
15	Jacksonville	Hardin	Piasa	****	Staunton Franklin	Waverly
16	Arthur	Maroa	Deland	Saybrook	Monticello	LeRoy
17	Rantoul	Fisher	Villa Grove	Newman Tolono	****	Mahomet
18	Potomac	Hume	Armstrong	Bismarck	Paris	Chrisman
19	Moweaqua	Hillsboro	****	Herrick	Litchfield	Nokomis
20	Neoga	Kansas	Toledo	Marshall	Effingham	Oblong
21	Bluford	Brownstown	Farina	Centralia	Woodlawn	Sandoval
22	Red Bud	Steeleville	Edwardsville	Nashville	Sparta	Lebanon
23	Cisne	Bridgeport	Olney	Flora	Lawrenceville	St. Francisville
24	Christopher	Ullin	Anna	Pinckneyville	Murphysboro	Tamaroa
25	Ridgway	****	Mill Shoals	Eldorado	Goreville	Golconda

DTE: \*\*\*\* means kit is scheduled to a school from another section.

JWM

Career Tape Recording Revised. This tape recording discusses the various careers in agricultural occupations and answers some questions concerning a college education in the College of Agriculture at the University of Illinois, Urbana-Champaign Campus. This recording is about 15 minutes long on a 1200 ft. tape recorded at 7½ ips. for a standard tape recorder. The price of each tape is \$4.50 on a new tape or \$2.00 if you send in your own tape for dubbing.

RLC

Swine Housing and Waste Management. This is the title of a research review which was included in the November Agricultural Releases. Additional copies are available from the Department of Agricultural Engineering at \$1.00 each. Six fact sheets were also included in the research review. Their titles are: Anaerobic Lagoons; Gases from Stored Swine Wastes; Oxidation Ditch for Treatment of Hog Wastes; Properties of Swine Wastes; Slotted Floors; and Space Requirements. Additional copies of these fact sheets are available on request. Reasonable quantities can be supplied without charge to Illinois schools. Out-of-state readers may request quantity copies from the National Pork Producers Council, 3101 Ingersoll, Des Moines, Iowa 50312.

JWM



New Bulletins and Circulars. One new circular has been released this month. It is Cir. 1003, Custom Rates and Machine Rental Rates Used on Illinois Farms, 1968. A copy was included in the November Releases. The information in this circular should provide a good basis for figuring machine costs for students' crop enterprises. You can deduct a labor charge to arrive at a charge for power and machinery alone. The price of this circular for quantity distribution out of state is 10¢. Illinois schools may request in the usual manner.

JHH/JWM

Seneca's 1969 Club Calf Sale. The following information was provided by Sherwood Jackson:

"Seneca's 1969 Club Calf Sale is planned for Wednesday night, November 12, at 7:00 p.m., with over 30 purebred beef herds to be represented. Sixty steers will be auctioned. There will be Herefords, Shorthorns, and Angus representing the best of the 1969 calf crop from the consigning herds located within a 100-mile radius of Seneca. Several calves will be from herds enrolled in the University of Illinois Performance Testing Program. All calves will be stall-tied, groomed, numbered and ready for buyer inspection by 5:00 p.m. on sale night.

"Many 1969 fair winners originated from herds selling at the Seneca Sale on November 12. The sale committee is Jim Temple of Serena; Phil Corcoran of Ottawa; and Cliff Ratcliff of Seneca. Each year the committee adds new herds to the consignors which meet the quality standards for the cooperative sale.

"The auction will be held in Seneca's FFA Salebarn located one block east of Route 170 on the south side of Seneca. (Seneca is located in Northern Illinois, on U.S. 6, midway between LaSalle and Joliet, 3 miles south of Interstate 80.)

"Seneca FFA President Rich Petges, will be in charge of building arrangements for the sale. Sherwood Jackson is sale manager."

JWM

Lincoln School Shop Awards. The James F. Lincoln Arc Welding Foundation has recently announced the winners of the 1969 School Shop Awards. These awards are for papers submitted by students describing arc welding projects they have built as part of their school shop program. Two Illinois students of agriculture occupations were winners of \$25 prizes. They are Curtis Jenne of Farina and Donald Robb of Pinckneyville. The rules for the 1970 Awards Program are now available. If you did not get a copy, you may write to The James F. Lincoln Arc Welding Foundation, P.O. Box 3035, Cleveland, Ohio 44117.

JWM

#### 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.

EDUCATORS GUIDE TO FREE HEALTH, PHYSICAL EDUCATION, RECREATION MATERIALS 1969. \$8.00. Educators Progress Service, Randolph, Wisconsin 53956.

"This second edition lists, classifies and provides complete information on title, sources, availability and contents of 1,175 films, 108 filmstrips, 23 sets of slides, 40 tapes, 8 scripts, 69 transcriptions, and 395 other materials--bulletins, pamphlets, charts, exhibits, posters, maps, magazines, and books--a total of 1,818 selected free items. 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."



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education  
  
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education

University of Illinois



College of Agriculture Student Guest Day. Twenty-five people attended the two interest sessions sponsored by agricultural extension and agricultural education at the University of Illinois on Agriculture Student Guest Day, Saturday, October 4. The sessions were designed for students interested in preparing to teach or to work in agricultural extension.

University staff members helping with the interest groups were Dr. Ernest Anderson, Agricultural Extension, Dr. David L. Williams, and Dr. Hollie Thomas, Agricultural Education Division. William Holstine, University student preparing to teach agricultural occupations, discussed the purposes of the Alpha Tau Alpha and the Agricultural Education Club.

DLW

E370, Agricultural Education for Beginning and Returning High School Teachers. This year 57 beginning and returning teachers of agricultural occupations have enrolled in Votec E370. Enrollment was completed during a summer and fall campus workshop. These men are now participating in small group meetings which are being held through the state. The three sections of the course are being taught by Dr. Hollie Thomas, Dr. David Williams, and Mr. Douglas Patterson. Mr. Everett Harris is also assisting with the course.

HBT

New Freshmen in Agricultural Education. Seven additional freshmen registered in the agricultural education curriculum during the registration period. This brings the total number of freshmen to 20 for the fall of 1969. These men are:

<u>Student</u>	<u>Home Town</u>
George A. Burns	Springfield
James L. Caudle	Vernon
Mark L. DeDecker	Cambridge
Keith Henricks	Chatsworth
James Holstine	Milan
John L. Snopko	Mt. Olive
Gregory C. Stark	Ashkum

HBT

Student Teaching Assignments. Students who are enrolled in the student teaching program will report to cooperating schools on November 3, 1969. From this date until Christmas vacation, they will obtain experience under the supervision of experienced teachers of agriculture. Names of student teachers and other information concerning their background and school assignments are presented on the next page.

RWW



## STUDENT TEACHING ASSIGNMENTS

Name	Home High School	Years of Ag. Occ.	High School Agr. Occ. Teacher	Cooperating School	Cooperating Teacher
Alan Borhart	Huntley	3	Don Barrett	Belvidere	Loren Mills
Robert Cardoni	Mt. Pulaski	3	Lee West	Clinton	Don Prather
Donald Carlson	Newark	4	Geo. Richter & Larry Kimble	Toulon	Charles Pearson
Allen Deitz	Gilman	4	William Lubben	Clinton	Don Prather
James Ethridge	Sterling	4	A. L. Schick	Rock Falls	Royal McCormick
Roger Francis	Prophetstown	2	M. L. Lindsay	Champaign	Lowell Hillen
Roscoe Goodwin	Palestine	0	Paul Walker	Rock Falls	Royal McCormick
Jerry Huffington	Cerro Gordo	4	Don Prather	Mahomet	Carl Hart
Jewell Kirkpatrick	Danville	0	--	Danville	
				Jr. Col.	Jerald Binkley
Gary Ludwig	Armstrong	4	Vance Ahlf	Danville	
				Jr. Col.	Jerald Binkley
Charles Malley	GalesburgSr.	3	Ray Dunn	Toulon	Charles Pearson
Gail Prentice	DeKalb	2	Robert E. Brown	Rochelle	Glenn Curl
Richard Smith	Ellsworth	4	Don Sargeant	Mahomet	Carl Hart
Richard Wax	Newman	4	Jim Rohl	Herscher	Eldon Chapman
Charles Weeks	Harvard	1	Don Barrett	Belvidere	Loren Mills
Dale Wolff	Altamont	4	Jewel Jenne & Henry Slinker	Herscher	Eldon Chapman

RWW

**Placement Services.** The Educational Placement Office of the University of Illinois inactivates all placement credentials on September 1 of each year. Any person registered with the University of Illinois Placement Office and who is considering seeking a new position next year should update his placement credentials and reactivate them.

SDP

**Advisory Committee Formation Aids.** The need for and use of advisory committees and councils in both vocational and nonvocational areas has grown the past few years. To aid in the development and functioning of advisory committees, the University of Illinois now sponsors a service called the Rurban Educational Development Laboratory (REDL). Some of the services provided by REDL include:

1. **Consultation service.** Depending on your specific problem, the REDL staff will either serve as consultants themselves, or identify and refer you to consultants appropriate to your problems.
2. **Literature service.** The REDL service maintains a library of literature, both specific and general in nature. A couple of publications which have proven extremely valuable in formation of an advisory committee include:
  - a. "Citizen Participation in Local Policy Making for Public Education" by H. M. Hamlin. This 35-page booklet is a must for every member of an advisory committee to aid in the proper role of each member. Price, 50 cents.
  - b. "The How of Successful Citizen Advisory Committee Operation" is a 40-page booklet resulting from a recent research project conducted by REDL in Illinois. It gives specific recommendations and suggestions for successful operation in addition to sample cover letters, survey forms, questionnaires, and other frequently used forms. Price, 75 cents.





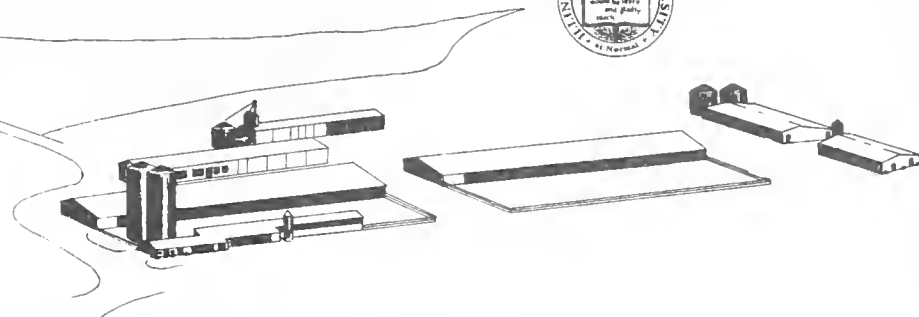
3. Newsletter. This bi-monthly publication keeps you informed of the latest activities, literature, and successful techniques of other advisory committees throughout the state. The newsletter is free and available simply by sending us your name, address, and zip code.
4. Audio-visual aids are being prepared and disseminated by REDL. These aids include appropriate films, slide presentations, and audio tapes pertaining to advisory committee formation and operation. These aids are sent out on a cost free loan basis.

For your newsletter subscription and orders for any of the services presented, please contact:

REDL  
357 Education Building  
University of Illinois  
Urbana, Illinois 61801  
Phone: 217-333-3274 or 217-333-3166

RKH





## AGRICULTURAL EDUCATION NEWS

Student Teachers for the First Semester. Twenty-nine students from Illinois State University report to their student teaching centers on November 10, 1969, for nine weeks of student teaching. The students will complete their student teaching assignment on January 21, 1970. Names of the student teachers and other data regarding their agriculture occupations background and availability for positions are as follows:

<u>Student</u>	<u>Home High School</u>	<u>High School Agr. Occupations Instructor</u>	<u>Student Teaching Center</u>
Anderson, William	Seneca	Sherwood Jackson	Sandwich
*Baker, David	Central Clifton	Maynard Boudreau	Eureka
*Bale, George E.	Glenwood	Thomas Wiles	Dixon
Barrett, James	Cathedral (Griffin)		El Paso
*Brown, Robert	LeRoy	Donald Bateman	Wapella
Bulthaus, Russel	Stillman Valley	Donald Parish	Oregon
Chaffer, Douglas	Deer Creek-Mackinaw	Emerson Moore	Mendota
*Dennis, Wm. Michael	Mt. Zion	William Bucy	Polo
*Frankeberger, Steve	Bloomington		Flanagan
*Fuoss, John	Roberts-Thawville	Richard Long	Dwight
*Harper, James	Eureka	Arthur Phillips	Farmer City
Hastings, David	Cerro Gordo	Donald Prather	Sycamore
*Hexdall, Richard	Morris	Arthur Meadors	Pleasant Plains
		Donald Kaufman	
*Johnson, John	Brimfield	Thomas Fitzsimmons	Kewanee(Weth.)
Koehler, Thomas	Wethersfield	James Manthe	Streator
Kohl, Barry	New Holland-Middletown	Donald Miller	Cambridge
Lamkey, Ernest F.	Oakland	Ernest R. Lamkey	New Lenox
		Ulin Andrews	
*Long, Christopher	Batavia		Maroa-Forsyth
Lunt, Terry	Bowen		Seneca
*Lynn, Ronald	Virginia	Shaw Terwilliger	Jacksonville
*Manwaring, Patrick	Champaign		Princeton
*Metzger, Thomas	Normal Comm.	C. J. Kuster	Kirkland
*Perkins, Donald	Chatsworth	Dwight Mobley	DeKalb
*Ross, Noel	Buckley-Loda	Richard Grissom	Mt. Pulaski
Scheer, Michael	El Paso	Donald Jenkins	Naperville
Schlipf, Enid	Gridley	John Hacker	Eureka
*Simmering, Glenn	Greenview	C. N. DeHart	Washington
*Vance, John	Moore	Gene Elliott	LeRoy
*Whitlock, Darrell	Carrollton	Arthur Eicken	Litchfield

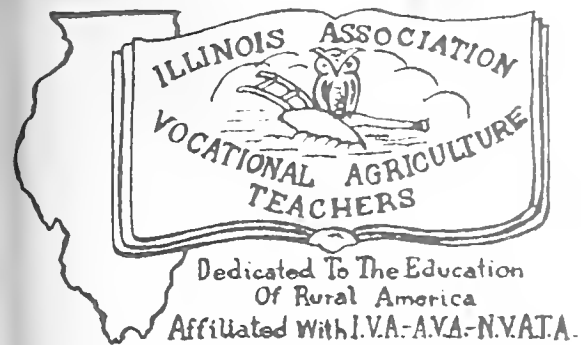
\*Available for positions January 22, 1970



Agricultural Education Members Attend Student Teaching Conference. Dr. Kenneth James and students enrolled in Methods & Procedures in Agricultural Education attended the National Student Teaching Conference and the National Alpha Tau Alpha Conclave in Kansas City, October 14-17. Ron Lynn served on a panel, 'What I Expect to Receive Out of Student Teaching' at the Student Teaching Conference. David Chase, ATA President at ISU served as student chairman for the opening session of the Alpha Tau Alpha Conclave. Mr. J. C. Barrett served as toastmaster for the breakfast at the ATA Conclave on Wednesday morning. Dr. James is presently serving a four-year term as National President of Alpha Tau Alpha, which meets annually in Kansas City during the week of the FFA Convention.

KEJ





# IAVAT NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

From the President's Pen---

A significant decision was reached on October 10 as the Illinois Association of Junior College Teachers of Agriculture (IAJCTA) voted to join hands with IAVAT. General guide lines had been agreed upon previously by the executive committees of the two groups.

This step by IAJCTA opens the way for the appointing of a committee to revise the IAVAT constitution to make this working together possible. The constitution as revised at our annual meeting in June was given limited distribution because it was realized that another revision might be necessary. Action on these proposed changes will be made by the membership of IAVAT at our next annual meeting. Only then can it all be "official."

In the meantime, back at the ranch, the groups will work together on matters of mutual interest. The decision to work together should strengthen both IAVAT and IAJCTA. This spirit of cooperation is a plus factor for agriculture, youth, and the teaching profession.

At the September 27 meeting of Association officers a committee was appointed to screen applicants for the position of executive secretary. Each district will be represented on the screening committee with the names of the appointees being submitted by district directors and their section chairmen. The committee is as follows

- District 1 - W. C. Brokaw, Geneseo
- District 2 - Richard Wagner, Normal
- District 3 - Don Miller, New Holland
- District 4 - Mel Nicol, Maroa
- District 5 - P. E. Cross, Dahlgren
- IAJCTA - Bill Martine, Ill. Central College

The committee has been instructed to "stand by" while the executive committee explores alternatives that have been posed.

All of the above means cooperation. Speaking of cooperation, it was a pleasure to represent IAVAT at the 4th annual Co-op Recognition dinner held at Springfield on October 8. Cooperatives, too, have a challenge as they search for a way to "gear up" for a changing agriculture.

E. L. Bosomworth, President

The message from our President emphasizes the progress that is being made in our organization as it applies to the hiring of an executive secretary. It is extremely important that we keep ourselves informed as to the structure developed by the screening committee for the interviewing and hiring of this person. I can only urge you to apply when the announcement is given and to urge you to recommend other qualified persons you may know to make application. The "hold" order that has been placed on the screening committee is to allow the members to attend the National FFA Convention before getting down to serious work.





A good meeting with all Association officers was held in Springfield on September 27. The meeting was well attended and objectives fulfilled. Details were developed to implement the initial phase of IAVAT and Illinois Association FFA supervision of section and district competition. It is my personal belief that this is a timely move for us to make and should pave the way for a much closer working relationship with the State Officers, Illinois Association FFA. However, since our IAVAT officers and the officers of the Illinois Association FFA are located in every segment of the state, it is also my belief we need one person designated as State Advisor and one person designated as "consultant" to coordinate the activities of the FFA. There is no question as to the ability of the two organizations to conduct their own activities but there needs to be a central office and a central figure to direct the traffic.

I have been studying some of my past newsletters and seems I have been discussing many items of professionalism, state plan, and vocational education with the active membership. I'm just as concerned about our associate membership. The IAVAT is unique in that we obtain all officers and conduct all business with active or classroom teachers only. We use our associate members as consultants only but these men are of extreme importance to our organization. The first contact our Agricultural Education students have with the teaching profession and professional is with associate members. It is of extreme importance these men stay in tune with our organization, its views, its "stands," and its interpretation of vocational education. I know it is the wish of the IAVAT that the teacher trainers of our four institutions work closely with our organization and we will present a workable, unified front. A good team always pulls together.

Success crowns patient efforts---I received some news from public relations officers and a comment from an executive committee member. All are included in this newsletter. Just an often repeated statement from a former statesman in closing, "All we have to fear is fear itself."

I have just received word (October 16) that your editor was selected as one of the national winners in the NVATA Career Orientation Awards program sponsored by New Holland. I believe this should be a real boost to our state association.

Eldon E. Witt

\* \* \* \* \*

From the Vice-President---

These are days of hurry and scurry, extracurricular activities in the school other than those of our own departments, preparations for fall sectional contests, writing new plans of instruction for our departments, plus the five-year plans, trying to take care of our own personal business and still maintain some speaking acquaintance with our families. As we continue to do these things we put that farthest from us that we are reminded of the least.

Many of you will feel the officers and the executive committee of the IAVAT never let up, that they are continually after you, and this is true. We are after you, we want your support, your assistance, and your maintained interest in agriculture. We want you to think, talk, eat and sleep agriculture. To promote agriculture and to be an agriculture instructor by choice and not by chance. In your associations with other teachers, with parents, and with the people of your community, are you willing to talk agriculture and its related occupations, or would you rather talk sports, athletics, or what have you? Do the people you associate with still think our department is training boys to be farmers or have you convinced them agriculture is more than farming? I have found this to be one of the fallacies in the thinking of my friends that I must be ever on the alert to correct.

As I consider and start to write the new one-year plan and the extended five-year plan I must try, as you will, to incorporate many areas into the plan. One part of the new program permits giving occupational information in the elementary grades K thru 8. Why not start here to develop the image that "Agriculture is More Than Farming"?



As has been stated before, your executive committee has put in many hours, traveled numerous miles, and used several Saturdays for the betterment of the IAVAT as a professional and serviceable organization. We ask your support and hope you feel as we do, and will strive to make agriculture and the IAVAT a unified, progressive vocation.

I recently attended a meeting where I listened to a young teacher, a Pre-Vocational Coordinator, speak on the merits and possibilities of a unified local, state and national membership in our organizations and the necessity of all working together. Gentlemen, I believe this is the road we must travel--our section, our district, and to the IAVAT. As a strong state organization we will be better able to support the IVA, the NVATA, and the AVA. Experience and association have proven to me that we must be unified to stand, strong in our own right, but helping, and being willing to receive help.

Dr. Danforth of Ralston Purina Co., has said, "If you are satisfied with yourself, then there is something wrong with your ideals." I believe we have the ideals, now let us work together through the IAVAT, to obtain these ideals for agricultural education.

Past President Witt has asked for suggestions and questions for the news letter. Why not drop him a card or letter on a question that troubles you? Because of some of the questions I have been asked, I feel some information on the structure and correlation between the different organizations of which we hold membership would be beneficial to the membership.

Progress is being made in planning an interesting and informative program for the IAVAT section of the IVA Convention in Chicago. I urge you to make plans now to attend on Friday, March 13, at the Sherman House. Let's all make Agriculture our "Thing."

Chas. L. Harn

\*\*\*\*\*

#### SECTION 5 NEWS:

Section 5 is proud to announce the addition of three new instructors. Bill Kramer has taken the job at Bradford High School. Bill is a graduate of the University of Illinois and hails from Avon, Illinois. Bill and his wife Elaine are the proud parents of a son.

Elmwood FFA chapter has a new adviser from Fairfield, Illinois. Gene Vaughan, a graduate of the University of Illinois, is not married yet but we have an idea that he is working on it.

Tom Weber has assumed the duties of agriculture occupations instructor at Minonk High School. Tom, also a graduate of the University of Illinois, has a wife, Judy and one son. Tom's home town is Mt. Carroll, Illinois.

Section 5 congratulates Jim Howard, agriculture occupations instructor at Wyoming High School. Jim and his wife Mary Lou are the proud parents of an 8 lb. 5½ oz. son named Kyle Preston Howard. The Howards have three daughters and one son.

Plans have been completed for the annual Section 5 Instructors and Wives Banquet to be held on November 22 at Jim Al's Steak House in Toulon, Illinois. At this annual banquet we strive to show our wives our appreciation for their patience and also to give them a chance to get acquainted with the other instructors' wives in our section. Charles Pearson, agriculture occupations instructor from Toulon, is in charge of the arrangements.

Congratulations are also in order to Vernon Watt and his wife, Carolyn. The Watts have a baby son who was born on October 3. Vernon says the score is now tied with one boy and one girl. Vernon is the agriculture occupations instructor at Mid County High School in Varna, Illinois.



We have three student teachers coming to Section 5 during the month of November. Dave Baker, a senior at Illinois State University, will teach under the supervision of Art Phillips at Eureka High School. Dave is a graduate of Clifton Central High School, Clifton, Ill. Also doing his student teaching at Eureka will be Enid Schlipf a past Illinois FFA state president from Gridley, Illinois.

Charles Pearson will have two student teachers to supervise at Toulon High School in November. Charles Malley from Galesburg and Don Carlson from Newark. Both student teachers are seniors at the University of Illinois.

Putnam County High School won the Section 5 Land Selection Contest held at Brimfield on October 9, 1969. The top five teams at the contest were Putnam County, Princeville, Bradford, Toluca, and Roanoke-Benson. Joe Hall is the proud agriculture occupations instructor from Putnam County who coached his team to a victory. There were 72 FFA boys from 15 schools who took part in the contest.

Joe Maxwell  
Public Relations Chairman

\*\*\*\*\*

#### SECTION 16 NEWS

The agriculture teachers of Section 16 extend a warm welcome to the three new teachers of agriculture in our section. We are especially happy to see the agriculture department at Mansfield reopened this year with an enthusiastic young man by the name of Dan McClellan in charge. According to Dan, the students at Mansfield were happy to have the department reopened, and were anxious to again take an active part in FFA activities. Dan graduated from ISU last June. While attending ISU he was a member of the honorary agricultural fraternity Alpha Tau Alpha. Dan and his wife, Marialys, now reside in Mansfield.

Jim Hanlin is the new agricultural occupations instructor at Atwood-Hammond High School. Jim attended Heyworth Community High School and was active in FFA, Student Council, National Honor Society, and Concert-Marching Band. Jim graduated from ISU with a B.S. of Education in Agriculture, and was president of Alpha Tau Alpha during his senior year. Jim is married and has a 2-year old son.

The third new teacher in the section is Ron Stein. Ron is single and is teaching at Bellflower Township High School this year. Ron graduated from St. Elmo High School in 1964 and attended Centralia Junior College. In 1966 he was selected to represent the Illinois Association FFA on their International Understanding Program in Denmark. After returning from Denmark, Ron attended ISU and graduated last June.

Section 16 agriculture teachers would like to congratulate Mr. and Mrs. Larry Mohr for their new arrival to the family. Their son, Brian Mark, was born September 10 and weighed 8 lbs. 8 oz. This is their second child.

\*\*\*\*\*

#### SECTION 23 NEWS

##### Hendren Wins Con-Con Primary

Congratulations to Edwards County High School Agriculture Instructor H. C. Hendren who was one of four Con-Con candidates elected September 23 in the 55th Senatorial District.

Hendren will compete with the three other primary winners in another general election on November 18, from which two will be selected by the voters of the 55th District to represent this district in the Con-Con Delegate Assembly to convene on December 8 at Springfield



Henry is the only active educator left on the ballot in the 55th District and only one of the seventeen throughout Illinois, so let's all get behind him and help elect an agriculture instructor to this very important constitutional study and eventual constitutional revision proposal.

If selected as a Con-Con delegate, Hendren would be given a leave of absence from his agriculture teaching position but we would be looking forward to his return to Section 23 next year.

#### New Teachers in Section 23

Don Erkman, James Bond, and Roger Johnson are new agriculture instructors to Section 23 and we welcome them.

James Bond has replaced Grover Burkett at Louisville. Grover has accepted a junior college agriculture business teaching position at Harrisburg. James' wife is Jeanette.

Don Erkman has replaced John Baker at Bridgeport. John is presently teaching agriculture at Olney Central College. Don is no stranger to Bridgeport, since he student taught there during the 1968-69 school year while a student at Southern Illinois University. Don's wife is Ethel.

Roger Johnson is the 1969-70 agriculture teacher at Wayne City. Roger taught agriculture prior to this year in Section 25. Roger and his wife Arlene have three children-- Keith, nine; Dena, six; and Denita, four.

\*\*\*\*\*





(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	<u>Item</u>
_____	\$ .30	_____	Planning Your Farm Business (Revised)
_____	\$4.50*	_____	Career Tape Recording(Revised)
_____	_____	_____	_____
_____	_____	_____	_____

\*Price is \$2.00 if you  
furnish tape.

\*\*\*\*\*

Name \_\_\_\_\_ School \_\_\_\_\_

Address \_\_\_\_\_ Billing \_\_\_\_\_

\_\_\_\_\_

(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

COMPOSITE ORDER

Please record my order for the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	
_____	\$4.75*	_____	Complete set(s) of 30 crop seed samples

\*Approximate price, f.o.b. Urbana

Name \_\_\_\_\_ School \_\_\_\_\_

Address \_\_\_\_\_ Billing \_\_\_\_\_

\_\_\_\_\_



(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please enroll me in the following course(s):

- Electrical Controls - Shawneetown H.S., Thursday, November 13, 4:00 p.m.  
 Electrical Controls - Jacksonville H.S., Thursday, November 20, 4:00 p.m.  
 Ornamental Horticulture - San Jose H.S., Saturday, November 22, 9:00 a.m.  
 Surveying - Franklin H.S., Saturday, December 6, 9:00 a.m.

Please send additional specific information about the course(s) I have selected.

Signed \_\_\_\_\_ School \_\_\_\_\_

Address \_\_\_\_\_ Zip \_\_\_\_\_

(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

I am interested in attending a training course on the use of the Engine Analysis kit,  
if one can be held in my area.

Signed \_\_\_\_\_

Address \_\_\_\_\_ Zip \_\_\_\_\_



INDEX TO ITEMS IN VO-AG SERVICE SECTION

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Short Course on Surveying . . . . .	1
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Training Courses - Engine Analysis . . . . .	1
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## PRICE LIST OF FEEDS<sup>1/</sup>

Prices for some of the feeds used in supervised experience programs are listed below for students obtaining their feed at home. Purchased feeds can be recorded at prices paid.

Kind of feed	Oct. 16
Corn shelled, bu . . . . .	\$ 1.08
Corn, ground shelled or ear corn, bu. . . . .	1.18
Oats bu . . . . .	.56
Oats ground bu. . . . .	.66
Barley (feed) bu. . . . .	.75
Barley ground or rolled, bu. . . . .	.85
Grain sorghum cwt. . . . .	1.80
Grain sorghum, cracked, cwt. . . . .	1.90
Whole milk mfg. grade, cwt. . . . .	4.15
Corn silage, ton . . . . .	9.00
Sorghum silage, ton . . . . .	8.00 <sup>2/</sup>
Haylage, ton . . . . .	15.00 <sup>2/</sup>
Clover and mixed hay)     All hay and straw prices . . . . .	21.50
Alfalfa                     )     are for baled. Figure . . . . .	24.00
Cat or wheat straw     )     loose at \$5 less per ton . . . . .	18.00

<sup>1/</sup> Prepared in cooperation with the Department of Agricultural Economics.

<sup>2/</sup> Or convert to dry hay equivalent containing 90 percent dry matter.

*Calves and colts:	
6-11 months	\$ .06
12-24 months	.09
over 24 months	.12
Lambs to weaning	.01
Sheep - yearlings and mature	.025
Pigs, 50 to 100 lbs.	.005

\*Reduce by 2/3 for full-fed cattle

\*Reduce by 1/3 for limited fed cattle

**NATIONAL AGRICULTURE SERVICE**  
University of Illinois - College of Agriculture  
**JMFORD HALL - URBANA, ILLINOIS 61801**

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VOCATIONAL - AGRICULTURE

# AIDS

UNIVERSITY OF ILLINOIS

JAN 15 1970

LIBRARY

Volume 28, Number 5

December 1969

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434 Mumford Hall  
Urbana, Illinois 61801

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State Board of Vocational Education and Rehabilitation

# Reporting



# FFA News

## TO THE IMAGE MAKER-- THE CHAPTER REPORTER

From the Office of Agricultural Communications  
69 Mumford Hall - University of Illinois

### Are You a Member of the Silent Majority

Recently we have heard much about the silent American. We have someone similar to him in the FFA. He is the silent reporter. As far as I know, this reporter makes up the majority. The reporting year is half over and I have received few articles from chapter reporters. I am disappointed at the number of sectional newsletters and tapes I have received. I hope this is an oversight on the part of you reporters and not an indication that there is a "silent majority" of FFA reporters.

Included with this month's Vo-Ag Aids is an application for the "Top 10 Chapter Reporters Award." About 200 days from now you could be one of the 10 reporters standing on the stage at the State FFA Convention receiving the award. Use this form to guide you in saving news articles to submit in your final report. Next spring I will ask you to send in the completed report plus samples to my office for judging the 'Outstanding Chapter Reporter Award.'

Send me examples of your efforts while there is still time to improve the releases. I enjoy seeing articles written by chapter reporters and am always glad to offer any suggestions I might have. Of course, these will be credited towards your year's work for award consideration.

### Are You Using Radio and TV Effectively

Radio and television stations are more than willing to cooperate with FFA reporters in reporting your news. Several radio stations indicated that FFA news is their number one farm news. The local stations especially indicated a high community interest in FFA activities. Many station managers indicated that they had never failed to utilize the FFA news and I have similar responses from TV stations.

Several stations said that they do not receive the material from the chapter reporter that they need on FFA activities. When they do receive it, it is often too late to be considered hot news, but would have been used if received earlier.

I suggest that you send an advance notice to the station of any chapter event, let them decide if it is newsworthy or not. Most stations will announce the date of a regular chapter meeting on their bulletin board show. After the event occurs, telephone the results to the station so the story can be on the air the next morning. Don't worry about the form as much as getting the facts to them on time. If you remember the five W's you should have no trouble.

Not only are the stations interested in the news material but they also want feature stories about individual FFA members. If you have a chapter member with an unusual project or a member who recently distinguished himself, arrange an interview with the local radio station for him.

Remember, utilize the air waves!

## National FFA Week February 21-28

Now is the time to start planning for this year's National FFA Week. During this Week, the FFA concentrates its efforts on bringing its message to the public. Publicizing National FFA Week is the biggest responsibility you will have as a chapter reporter.

Here are several ideas you should consider.

1. Contact your local newspaper editor and set up arrangements for a full page covering the FFA activities of the past year. Work with your editor to see if local merchants would run ads recognizing National FFA Week.
2. Work with the local radio station on a 15-minute special emphasizing the importance of the FFA in your community to be run during National FFA Week.
3. Plan exhibits for downtown store windows and your high school. Indicate the school and community service projects the chapter participates in.
4. Present an assembly to the high school. There are various films on FFA and agriculture that would be appropriate, or arrange a skit or pageant about the FFA.
5. Order place mats for local area restaurants to use during National FFA Week.
6. Investigate the possibility of members wearing their FFA jackets and ties to school and throughout the community during National FFA Week.
7. If your chapter has a committee for National FFA Week, coordinate your activities with them.

## Things To Do

1. Hunting season and accidents seem to go together. How about a news story on your FFA chapter safety program.
2. Are delegates from your FFA chapter going to the Farm Bureau-FFA Conference or other farm group meeting? If so, get the story out while it is still news.
3. Send copies of your articles to Dick Crone, State FFA Reporter and Mike McElvain. Remember, stories for the "Illinois FFA" are due January 15.
4. Is your chapter conducting an activity for Christmas? If you will be caroling or giving Christmas presents to needy families, let the community know about it.
5. Help your high school yearbook editors prepare the space that will be allocated to the FFA chapter. Your assistance might increase the FFA's coverage and surely will improve the quality.
6. Keep track of the reporting activities to be recorded on the "Outstanding Chapter Reporter Award" form and send it to me in late spring.

Merry Christmas and a Happy New Year.

Sincerely,



Mike McElvain

FFA Public Information Specialist

State of Illinois  
BOARD OF VOCATIONAL EDUCATION AND REHABILITATION  
Vocational and Technical Education Division  
405 Centennial Building  
Springfield 62706

December 1969

Vocational Agriculture Dates and Activities to Remember

December 5-10	NVATA-AVA Meeting, Boston
December 31	Complete Records of Students' Supervised Experience Programs
February 15	Annual Supervised Agriculture Experience Program Summary Report to State Office, Springfield
February 21-28	National FFA Week
March 2	Sectional FFA Foundation Awards Winners Reported to State Office, Springfield
March 12-14	Illinois Vocational Association Meeting, Chicago
March 21	State Meat and Milk Judging Contest, Urbana
March 25	District FFA Foundation Awards
April 8	District FFA Public Speaking Contests
April 15	State and American Farmer Applications to State Office, Springfield
April 18	State FFA Foundation Awards Meeting, Urbana
April 25	State FFA Extemporaneous Public Speaking Finals and Preliminary State FFA Prepared Public Speaking, Springfield
May 1	Completed FFA Program of Work to Sectional Vice-President
May 2	State Vocational Agriculture Livestock, Dairy Poultry and Crops Contests, Urbana
June 1	Annual FFA Report to State Office Springfield
June 16-18	Annual State FFA Convention, Urbana
Aug. 10-12	Annual Conference IAVAT, Urbana
Aug. 15	Applications for Jr. College Scholarships to Foundation Committee



# VO-AG SERVICE

## Announcements & Notes

Telephone - Area 217 - 333-3870

Training Courses - Engine Analysis. On the basis of the response from last month's AIDS, two training courses on the use of the Engine Analysis Kit have been tentatively scheduled as follows:

Illinois Central College - East Peoria - Saturday, January 10 - 9:00 a.m.

Rend Lake College - Bonnie - Saturday, January 10 - 9:00 a.m.

A tear sheet form is included in the back of this issue of the AIDS for definite enrollment in one of these courses. If a minimum number of enrollees is reached by one week prior to the date of the course, it will be definitely held. Otherwise, the course will be cancelled and those who respond will be notified.

RFE

Engine Analysis Visuals. This set of visuals was prepared to supplement the Engine Analysis Kits available on loan to teachers from Voc. Agr. Service. The set includes 97 masters, distributed as follows:

Battery	16	Cooling	23
Ignition	12	Compression	13
Carburetor	8	Diesel	4
Spark Plug	7	Miscellaneous	14

A set was included in each December Agriculture Release shipment and is listed on the tear sheet in the back of this issue of the AIDS. The price per set is \$2.55 plus postage.

RFE

Crop Seed Samples. This is a repeat of the announcement made last month about sets of 30 crop seed samples being made up by the Agricultural Education Club. The complete set will soon be available at \$4.75 (\$3.80 to Illinois schools), plus postage. If you did not order last month and wish to do so, please use the tear sheet order form in this issue of the AIDS.

JWM

Opportunities in Teaching Vocational Agriculture. This is the title of a brochure recently published by the Agricultural Education Division of AVA. A copy was included in each set of Releases going to Illinois teachers. We have a few copies remaining that can be ordered at 2¢ each, plus postage. They are included on the tear sheet in this issue of the AIDS.

JWM

Judging Teams at National. Five Illinois teams competed in the National Contests at Kansas City in October. The results were as follows:

- Livestock - Pleasant Plains - Bronze Emblem
- Dairy - Orangeville - Gold Emblem (2nd Place)
- Poultry - Shelbyville - Gold Emblem (4th Place)
- Meat - Shelbyville - Gold Emblem (4th Place)
- Dairy Products - Orangeville - Silver Emblem

Congratulations! This was a fine showing for Illinois.

WHW

1969 Yearbook of Agriculture. Our attention has been called to the 1969 Yearbook of the U.S. Department of Agriculture entitled "Food for Us All." You may obtain a copy by writing to your Congressman or Senator as in the past.

RLC

AIDS, December 1969





Machine Analysis Kit Schedule. We have room this month for the entire remaining schedule through the end of the school year. Please examine this schedule to be sure we have the correct information for your school. There are no openings except in May and we still have schools waiting for cancellations. Be sure to notify us promptly if you wish to cancel.

Section	D Dec. 1-19	E Jan. 5-23	F Feb. 2-20	G Mar. 2-20	H Apr. 6-24	I May 4-22
1	Warren	Pearl City Dakota	Pecatonica	Elizabeth	Winnebago Lena	Freeport
2	Milledgeville Dixon	Mt. Carroll	Chadwick	Shannon Morrison	Franklin Grove	****
3	Cambridge	Galva	Malden	Geneseo	Annawan	Taylor Ridge
4	Yates City	Monmouth	Alexis	Williamsfield	Biggsville	Oneida
5	Henry	Wenona	Varna	Eureka	Roanoke	****
6	DeKalb	Woodstock	Genoa	****	****	McHenry
7	Tonica	Mendota	Seneca	Shabbona	Earlville	Sandwich
8	Naperville	Beecher	Joliet	Mazon	Newark	Yorkville
9	Cornell	****	Cullom	Colfax	El Paso	Chatsworth
10	Gilman	Onarga	Manteno	St. Anne	Reddick	Cissna Park
11	Warsaw	Bushnell	Dallas City	Macomb	Colchester	Augusta
12	Manito	Astoria	Farmington	Fairview	Mackinaw	Morton
13	****	Pleasant Hill Milton	Kinderhook	Virginia	Barry	Liberty
14	Mt. Pulaski Beason	Rochester	Buffalo	Auburn	Williamsville	
15	Hardin	Piasa	****	Staunton Franklin	Waverly	Girard
16	Maroa	DeLand	Saybrook	Monticello	LeRoy	Ellsworth Clinton
17	Fisher	Villa Grove	Newman Tolono	****	Mahomet	Tuscola
18	Hume	Armstrong	Bismarck	Paris	Chrisman	Catlin
19	Hillsboro	****	Herrick	Litchfield	Nokomis	Stonington Windsor
20	Kansas	Toledo	Marshall	Effingham	Oblong	Beecher City
21	Brownstown	Farina	Centralia	Woodlawn	Sandoval	Ramsey
22	Steeleville	Edwardsville	Nashville	Sparta	Lebanon	Alton
23	Bridgeport	Olney	Flora	Lawrenceville	St. Francisville	Louisville
24	Ullin	Anna	Pinckneyville	Murphysboro	Tamaroa	Dongola
25	****	Mill Shoals	Eldorado	Goreville	Golconda	Cave-in-Rock

TE: \*\*\*\* means kit is scheduled to a school from another section. JWM

Senior Dairy Calf Sale. The 22nd Annual Junior Calf Sale will begin at 11 A.M. on Saturday, Feb. 28, 1970 in the Stock Pavilion on the University of Illinois Campus at Urbana-Champaign. This sale is sponsored by the Illinois Purebred Dairy Cattle Association. Consignments by breeds include: Ayrshire, 4; Brown Swiss, 8; Guernsey, 14; Holstein, 20; Jersey, 6; and Milking Short Horn, 2.

Only bona fide 4-H and FFA members residing in Illinois are eligible to purchase calves. If a member is unable to attend, he may designate another person to buy a heifer for him. All purchasers must certify that they will use the calves for 4-H or FFA projects.

Interested persons can obtain a sale catalog on about February 10 by sending a request to J. G. Gosh, 336 Animal Sciences Lab., University of Illinois, Urbana, Illinois 61801 JGC/WHW



## ANNOUNCEMENTS OF CONFERENCES SCHEDULED

The following announcements are included primarily to keep you informed so you can pass information on to individuals in your community who may be interested. Proceedings of several of these conferences will be included in Agricultural Releases.

Turfgrass Conference. According to information sent to us by Professor J. D. Butler, the Tenth Annual Turfgrass Conference will be held on December 1, 2, and 3 at the Arlington Park Towers (Race Track), Arlington Heights, Illinois. In addition to the conference, a complete trade show of turf equipment will be displayed (Monday PM through Wednesday AM). Teachers are welcome to attend. There will be an admission charge.

RLC

Illinois Cannery School. The Illinois Cannery School will be held at the Urbana-Lincoln Hotel, Lincoln Square, Urbana, Illinois, on December 2-4, 1969. Registration fee for the school is \$15.00. (This includes a banquet ticket at \$7.50 for the Wednesday evening session.) Registration starts at noon on December 2. Teachers and interested guests are welcome to attend.

RLC

Grain Elevator Manager's Conference. This conference will be held on December 9 and 10, 1969 at the Illini Union Building, University of Illinois, Urbana. The theme of the conference is: Opportunities in the Country Grain Business. A program and preregistration card may be obtained by writing to L. F. Stice, Extension Economist in Grain Marketing, 421 Mumford Hall, Urbana 61801.

JHH

Grain Conditioning Conference. The following information was furnished by Dr. G. C. Shove of the Department of Agricultural Engineering:

"The University of Illinois will host a Grain Conditioning Conference January 14-15, 1970, at the Illini Union on the Urbana-Champaign Campus. The program, designed to present a better understanding of grain conditioning, will include presentations by Agricultural Engineers from Illinois, Indiana, Iowa and Michigan. A farmer panel relating their experiences with high temperature drying, low temperature drying, and chilled grain storage, will complete the two-day session."

Programs of this conference are included in copies of the AIDS going to Illinois teachers.

GCS/JWM

Custom Spray Operators Training School. According to information sent to us by Professor H. B. Petty, the twenty-second Annual Custom Spray Operators Training School will be held on January 28 (Wed.) at 10:00 a.m. to January 29 (Thurs.) at 12:30 p.m., 1970. The program will be held in the Illini Room, Illini Union Building, Urbana. If you are interested in attending, please let us know and we will see that you receive a program.

RLC



Extramural Courses. Following is information on extramural courses in agriculture that have been or are being scheduled for the second semester, 1969-70:

#### BELLEVILLE

Hort. E251, Arboriculture - J. B. Gartner

Credit: 3 semester hrs.

Location: Belleville Twp. High School West, 2600 W. Main Street, Vo-Ag Room

First Meeting: Tuesday, Feb. 10, 6:30 p.m.

#### HILLSBORO

Plant Path. E377, Diseases of Field Crops - A. L. Hooker

Credit: 3/4 unit graduate or 3 sem. hrs. undergraduate

Location: Hillsboro High School Agriculture Bldg., Room 201

First Meeting: Monday, Feb. 9, 7:00 p.m.

#### PEORIA

Agr. Econ. E325, Advanced Farm Management - A. G. Mueller

Credit: 3/4 or 1 unit graduate or 3 sem. hrs. undergraduate

Location: Peoria Limestone High School, Room 108

First Meeting: Wednesday, Feb. 11, 7:00 p.m.

#### PONTIAC

Hort. E345, Growth and Development of Horticulture Crops - J. P. McCollum

Credit: 1 unit graduate or 4 sem. hrs. undergraduate

Location: to be arranged

First Meeting: to be arranged

#### SPRINGFIELD

Hort. E122, Greenhouse Management - D. C. Saupe

Credit: 3 semester hours undergraduate

Location: Franklin Middle School, 1200 Outer Park Dr., Room 126

First Meeting: Thursday, Feb. 12, 7:00 p.m.

Agr. Econ. E305, Agricultural Policies and Programs - H. D. Guither

Credit: 3/4 or 1 unit graduate or 3 sem. hrs. undergraduate

Location: Franklin Middle School, 1200 Outer Park Dr., Room 118

First Meeting: Thursday, Feb. 12, 7:00 p.m.

#### YORKVILLE

Agr. Econ. E302, Financing Agriculture - J. M. Holcomb

Credit: 3/4 or 1 unit graduate or 3 sem. hrs. undergraduate

Location: Yorkville High School, Game Farm Road, Room 130

First Meeting: Thursday, Feb. 12, 6:30 p.m.

BY UNIVEX NETWORK - to be received at Decatur, Malta and Freeport for certain. Other locations are under negotiation and will be announced later.

Agr. Econ. E302, Financing Agriculture - J. A. Hopkin

Credit: 3/4 or 1 unit graduate or 3 sem. hrs. undergraduate

First Meeting: Monday, Feb. 9, 7:00 p.m.

Agron. E304, Soil Management and Conservation - W. R. Oswald

Credit: 3/4 unit graduate or 3 sem. hrs. undergraduate

First Meeting: Thursday, Feb. 12, 7:00 p.m.

Dairy Sci. E320, Nutrition and Digestive Physiology of Ruminants - C. L. Davis

(Same as An. Sci. 320)

Credit: 3/4 unit graduate or 3 sem. hrs. undergraduate

First Meeting: Friday, Feb. 13, 7:00 p.m.



- Home Econ. E320, Diet in Disease - Esther L. Brown  
Credit: 1/2 unit graduate or 3 sem. hrs. undergraduate  
First Meeting: Wednesday, Feb. 11, 7:00 p.m.
- Sec. Ed. E354, Audio-Visual Communication - J. C. Everly  
Credit: 1/2 or 1 unit graduate or 3 sem. hrs. undergraduate  
First Meeting: Saturday, Feb. 14, 9:00 a.m.
- Vet. Med. E416, Epizootiology - D. H. Ferris  
Credit: 1 unit graduate  
First Meeting: Tuesday, Feb. 12, 2:00 p.m.
- Vo-Tech Ed. E382, Cooperative Vocational and Technical Education Programs -  
Anna K. Mahaffey  
Credit: 1/2 or 1 unit graduate, or 2 or 4 sem. hrs. undergraduate  
First Meeting: Tuesday, Feb. 12, 7:00 p.m.

NOTE: Preregistration is required for Univex courses. A special brochure with preregistration form and other details will be available sometime in December.

#### 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.

METALWORK TECHNOLOGY AND PRACTICE, 5th Edition. 1969. Ludwig and McCarthy. McKnight and McKnight Publishing Company, Bloomington, Illinois.

This fifth edition has been completely reviewed and brought up to date. Many units have been expanded significantly to reflect current industrial and technological practice. A number of sections are completely rewritten, and additional new units have been added. This edition includes the information necessary for an introductory course in machine shop theory and practice. It provides a broad introduction to the theory and practice of metalworking. A student study guide (workbook) and an instructor's answer key are also available for this new edition.





division of  
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University of Illinois



**Program for General Supervisory Endorsement.** The state standards for recognition of Illinois schools require that any person who devotes half-time or more to supervisory or administrative activity will need to obtain a supervisory endorsement under Section 21-7, 1 of the School Code. Two programs have been developed by the Department of Vocational and Technical Education, University of Illinois. A program leading to the General Administrative Certificate would prepare persons for positions in vocational administration or supervision. A program leading to the Teaching-Field Supervisory Certificate would prepare persons for positions as chairman or head of a teaching-field department. The following courses are required:

## GENERAL ADMINISTRATIVE CERTIFICATE

## TEACHING-FIELD SUPERVISORY CERTIFICATE

<p>Area I (2 units)</p>	<p>Ed. Admin. 460 Votec 451 (revised) or Ed. Admin. 438</p>	<p>Ed. Admin. 460 Votec 451 (revised) or Ed. Admin. 438</p>
<p>Area II (2 units)</p>	<p>Votec 489 Credit in a field-oriented experience such as Ed. Admin. 464V</p>	<p>Votec 489 Curriculum course in area of specialization</p>
<p>Area III (2 units)</p>	<p>Basic foundation courses Ed. Psych. 311 and 312 or equivalents HP Ed. 304 and 305 or equivalents</p>	<p>Basic foundation courses Ed. Psych. 311 and 312 or equivalents HP Ed. 304 and 305 or equivalents</p>
<p>Area IV (4 units)</p>	<p>Votec 471 (revised) Votec 476 (revised) or Ed. Psych. 428 2 units elective</p>	<p>Votec 471 (revised) Votec 476 (revised) 2 units elective in Votec area to be supervised</p>

Votec 471 will be revised as "Policies and Programs in Vocational and Technical Education" and Votec 476 will be entitled "Guidance in Vocational Education." The Division of Agricultural Education plans to offer Votec 471 (revised) and Votec 476 (revised) during the 1970 summer session.

PEH

**Course for Junior College Teachers.** To continue to serve the needs of junior college teachers of agricultural occupations, Votec E370 will be offered during the spring semester, 1969-70. Beginning and experienced junior college teachers of agriculture are eligible to enroll. The course will be geared to problems and concerns of enrollees. Tentative plans for class meetings include: (1) two Saturday workshops at Urbana, (2) two or three afternoon-evening workshops at centrally located junior colleges and (3) individual instruction. Teachers interested in enrolling



in this course should contact Dr. David Williams, 361 Education Building, University of Illinois, Urbana 61801, if they have not previously done so.

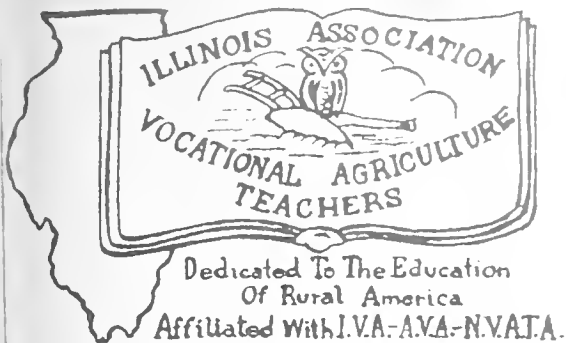
DLW

National Student Teachers' Conference. Fifteen student teachers from the University of Illinois attended the National Student Teachers' Conference and the FFA Convention in Kansas City, October 15-16. Highlights of the student teacher conference were an NVATA coffee hour; an inspirational address by Mr. Oscar Brown, agricultural occupations instructor at Salem, Missouri; a dinner sponsored by Farmland Industries; a panel discussion on applying for a position by four administrators; and a discussion of selected topics by small groups of student teachers who at the close of the discussion period reported their conclusions to the total group.

The class visited the American Royal Livestock Exposition and also attended several sessions of the FFA Convention. Richard Wax served as delegate to the National Alpha Tau Alpha Conclave. The group was accompanied to Kansas City by Dr. Robert W. Walker, Dr. Hollie Thomas and Mr. Elmer Wright.

RWW





# I A V A T NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

From the President's Pen---

At a meeting of the Illinois Foundation FFA Trustees a proposal was made as to how the Foundation could work with IAVAT to carry on the work of the FFA Foundation. I have asked Eldon Witt to report on this in this newsletter.

Congratulations are in order for our newsletter editor, Eldon Witt. By the time this newsletter reaches you Eldon will have received the NVATA Career Orientation Award as sponsored by New Holland. This is an all-expense paid trip to the NVATA/AVA Convention in Boston. Perhaps sometime we can hear more about his program.

Four of our members were present at the IAA Annual Meeting in Chicago to receive that organization's recognition for 25 years of service to agriculture. These members were Loren Mills of Belvidere, Sherwood Jackson of Seneca, W. T. Spittler of Marshall, and yours truly.

Your president was also present at the IAA Annual Meeting to represent you through IAVAT. We appreciate the support of IAA for our program. Impressed with the organization of procedures of these sessions, I couldn't help but wonder how many of their leaders had "come up through the ranks" of vo-ag and FFA. Much like the farmer, we plant the seed, cultivate, and wait for the harvest. Again like the farmer, we can appreciate those "top yields."

The 1969 AVA Convention will be in progress by the time this newsletter reaches you. If everything goes as planned, we will have a perfect attendance of our executive committee - and some work sessions that are not listed in the program.

May you have an enjoyable and spiritual holiday season!

E. L. Bosomworth, President

\*\*\*\*\*

Saturday, November 8, the Board of Trustee Illinois Foundation FFA met to discuss the role of the IAVAT executive secretary and the Illinois Foundation FFA. Once again the IAVAT executive committee members present explained the need for establishing an office of executive secretary. The duties and responsibilities were stated in the September news letter. The directive was authorized at the 1969 annual conference. The executive secretary will provide services to the teachers of Agricultural Occupations under direction of the IAVAT executive committee who receive their direction from the members. The executive secretary is to cooperate with the State Office, not to interfere or relieve them of their responsibilities, in promoting Vocational Education and, in particular Agricultural Education, in the State of Illinois. With this in mind the Board of Trustees gave the IAVAT a vote of confidence in the fulfilling of this position. With the assumption that the office secretary for the executive secretary would be able to do some clerical work for the Illinois Foundation FFA, the Board of Trustees passed a motion containing the following points

AIDS, December 1969



1. The Foundation will provide funds equal to one-half of clerical secretary's salary.
2. The Foundation will provide funds equal to one-third of office expenses (rent, lights, heat, consumable supplies).
3. The Foundation will provide a grant of \$5,000 to indicate their expression of need for the immediate establishment of the office of executive secretary.
4. The above funds will be prorated from date of office opening to July Board of Trustees meeting with consideration of further action to be taken at that time.

Agreement was reached that any person working for Agricultural Education would benefit Vocational Education, Illinois FFA and Illinois Foundation FFA. The path is now clear for us to take prompt and immediate action in the hiring of the individual.

\*.\*.\*.\*.\*

Applications for the position of Executive Secretary should be made to E. L. Bosomworth, 12 Keiffer Drive, Olney, Illinois 62450. May I remind you again that all are eligible to apply. Also, if you know of a qualified person, urge him to apply. We would wish to receive all applications prior to Christmas vacation so the screening committee would have an opportunity to meet during vacation. We are dependent on the members to advertise the opening by word of mouth. Any suggestions of persons to contact should be made to President Bosomworth.

\*\*\*\*\*

The role of the executive committee is clearly stated in Article XI, Special Duties and Powers of Executive Committee, in our constitution. I believe they are fulfilling their obligation in an honorable manner. Their responsibilities are great, their statements and decisions must be accurate. Some recent happenings have placed a burden on the committee. First, the membership voted by a slim majority, a dues increase; second, the restructuring of the State Office; and third, the requirement of a one-year and five-year plan by December 1. All three have caused rumors to be circulated, many with a negative approach. Not all of our experiences are negative:

1. We found the strength of IAVAT.
2. We found new friends and strengthened the ties of old friends.
3. We know that half-truths and emotionalism cannot overpower logic.
4. We have attempted to develop communications, realizing that many of our failures are in our inability to communicate.
5. We have attracted attention of many within the state and have clearly charted our course in vocational education.
6. We know that change for the sake of change is not desirable, but we do know that agriculture is more than farming and some changes need to be made. Educators who resist change may change for progress.
7. We know the value of agricultural education and the strength of unity within the professional organizations.

\*.\*.\*.\*.\*





I received an interesting letter from Gene Elliott of Farmer City. I would certainly appreciate more from our members. Several items of interest were contained in his letter. Charles Schettler, Wapella Past President IAVAT, was selected as "Teacher of the Year 1969" in DeWitt County. Congratulations to Charlie and to the profession. Also in Section 16 the Mansfield agriculture department became a vocational department again with Dan McClelland as Agriculture Occupations Instructor of approximately 30 boys. In the midst of all the talk about declining agriculture, the opening of a new department fails to be mentioned. Gene also suggested a change in the judging contest which I will bring before the executive committee and report on later. He also had an idea on agricultural leadership that I wish to hold at this time and discuss in a future newsletter. Keep up the good work Gene and get others in your section to write.

\*\*\*\*\*

Late Note from President Bosomworth

Congratulations go to Henry C. Hendren of Section 23, Albion. He was successful in his bid to become a Con-Con delegate and led the ticket in the 55th District. He is well qualified to represent Agricultural Education interests.

ELB

\*\*\*\*\*



(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	<u>Item</u>
_____	\$2.55	_____	Set(s) of Engine Analysis Visuals
_____	.02	_____	Brochure - Opportunities in Teaching Vocational Agriculture

Name \_\_\_\_\_ School \_\_\_\_\_  
Address \_\_\_\_\_  
Billing \_\_\_\_\_

(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please record my order for:

COMPOSITE ORDER

<u>Number</u>	<u>Price</u>	<u>Amount</u>	
_____	\$4.75*	_____	Complete set(s) of 30 crop seed samples

\*Approximate price, f.o.b. Urbana

Name \_\_\_\_\_ School \_\_\_\_\_  
Address \_\_\_\_\_  
Billing \_\_\_\_\_

(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

I wish to enroll in the following training course on Engine Analysis:

Illinois Central College, East Peoria, January 10, 1970

Rend Lake College, Bonnie, January 10, 1970

Signed \_\_\_\_\_  
Address \_\_\_\_\_



INDEX TO ITEMS IN VO-AG SERVICE SECTION

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PRICE LIST OF FEEDS<sup>1/</sup>

Prices for some of the feeds used in supervised experience programs are listed below for students obtaining their feed at home. Purchased feeds can be recorded at prices paid.

Kind of feed	Nov. 18
Corn, shelled, bu. . . . .	\$ 1.09
Corn, ground shelled or ear corn, bu. . . . .	1.19
Oats, bu. . . . .	.56
Oats, ground, bu. . . . .	.66
Barley (feed), bu. . . . .	.80
Barley, ground or rolled, bu. . . . .	.90
Grain sorghum, cwt. . . . .	1.80
Grain sorghum, cracked, cwt. . . . .	1.90
Whole milk, mfg. grade, cwt. . . . .	4.20
Corn silage, ton . . . . .	9.00
Sorghum silage, ton. . . . .	8.00 <sup>2/</sup>
Haylage, ton . . . . .	15.00 <sup>2/</sup>
Clover and mixed hay) All hay and straw prices . . . . .	23.00
Alfalfa ) are for baled. Figure . . . . .	24.50
Oat or wheat straw ) loose at \$5 less per ton . . . . .	18.00

<sup>1/</sup> Prepared in cooperation with the Department of Agricultural Economics.

<sup>2/</sup> Or convert to dry hay equivalent containing 90 percent dry matter.

VOCATIONAL AGRICULTURE SERVICE

University of Illinois - College of Agriculture

434 MUMFORD HALL - URBANA, ILLINOIS 61801

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**EDUCATIONAL - AGRICULTURE**

# **AIDS**

**UNIVERSITY OF ILLINOIS**

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January 1970

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Illinois Association of Vocational Agriculture Teachers  
State Board of Vocational Education and Rehabilitation

State of Illinois  
 BOARD OF VOCATIONAL EDUCATION AND REHABILITATION  
 Vocational and Technical Education Division  
 405 Centennial Building  
 Springfield 62706

January 1970

Vocational Agriculture Dates and Activities to Remember

- December 31 Complete Records of Students' Supervised Experience Programs
- \*February 15 Annual Supervised Experience Program Summary Report -- file in local administrator's office
- February 21-28 National FFA Week
- March 2 Sectional FFA Foundation Awards Winners Reported to State Ofc., Springfield
- March 12-14 Illinois Vocational Association Meeting, Chicago
- \*March 21 State Meat, Milk and Poultry Judging Contests, Urbana
- \*March 25 District FFA Foundation Awards
- |           | <u>Place</u>                | <u>Time</u> | <u>IAVAT<br/>Director in Charge</u> |
|-----------|-----------------------------|-------------|-------------------------------------|
| Dist. I   | Kewanee Comm. HS            | 6:00 p.m.   | Charles Pearson                     |
| Dist. II  | Lincoln-Way H.S., New Lenox | 6:00 p.m.   | Roland Meyer                        |
| Dist. III | Jacksonville H.S.           | 4:00 p.m.   | Fred Russell                        |
| Dist. IV  | Newman H.S.                 | 6:00 p.m.   | Lowell Hillen                       |
| Dist. V   | Woodlawn H.S.               | 6:00 p.m.   | Cedric Gowler                       |
- \*April 8 District FFA Public Speaking Contests
- |           | <u>Place</u>                                    | <u>Time</u> | <u>IAVAT<br/>Director in Charge</u> |
|-----------|---|-------------|-------------------------------------|
| Dist. I   | Geneseo H.S.                                    | 6:00 p.m.   | Charles Pearson                     |
| Dist. II  | Plano H.S.                                      | 6:00 p.m.   | Roland Meyer                        |
| Dist. III | Life Sciences Bldg.,<br>Western Ill. University | 6:00 p.m.   | Fred Russell                        |
| Dist. IV  | Tolono H.S.                                     | 6:30 p.m.   | Lowell Hillen                       |
| Dist. V   | Rm. 234 Agr. Bldg.,<br>Southern Ill. University | 6:30 p.m.   | Cedric Gowler                       |
- April 15 State and American Farmer Applications to State Office, Springfield
- April 18 State FFA Foundation Awards Meeting, Urbana
- April 25 State FFA Extemporaneous Public Speaking Finals and Preliminary State FFA Prepared Public Speaking, Springfield
- May 1 Completed FFA Program of Work to Sectional Vice-President
- May 2 State Vocational Agriculture Livestock, Dairy and Crops Contests, Urbana
- June 1 Annual FFA Report to State Office, Springfield
- June 16-18 Annual State FFA Convention, Urbana
- Aug. 10-12 Annual Conference IAVAT, Urbana
- Aug. 15 Applications for Jr. College Scholarships to Foundation Committee

\*New information

AIDS, January 1970



# VO-AG SERVICE

## Announcements & Notes

Telephone - Area 217 - 333-3870

Please note change of date for  
Poultry Judging Contest.

State Judging Contest Rules. Rules for the 1969-70 State Judging Contests will be mailed to all Agricultural Occupations Departments about the middle of January. Following are three items of interest or changes that you may be interested in before the rules arrive.

Please note carefully all changes.

WHW

Poultry Judging Contest Changed to March 21. Due to a conflict with the use of the Stock Pavilion, the Poultry Judging Contest has been changed to March 21 and will be held at the same time as Meat and Milk Judging. The dates for State Judging Contests are as follows:

March 21 - Meat, Milk, and Poultry Judging  
May 2 - Livestock, Dairy, and Crops Judging

If you expect to have a Poultry team, please mark your calendar accordingly.

WHW

Production Rings in State Judging Contest. All breeding classes in the Livestock Judging Contest will be judged as Production Rings. Production data will be furnished at the time of judging. Production Rings will now include:

1. Ring of gilts
2. Ring of sows (1 or 2 litters)
3. Ring of beef heifers
4. Ring of ewes

The production ring in Dairy will be the same as in the past. All changes are in Livestock Judging.

WHW

Swine Grading Class in State Judging Contest. Since new market grades have been established for swine, the Swine Evaluation ring in the state livestock judging contest has been replaced with a Market Hog Grading Ring. A summary of the market grades will be included in the Judging Rules. If you have any questions, please let us know.

WHW

Bulletins and Circulars. Two new circulars have been released in the past month. They are:

- Cir. 1005 1969 Performance of Commercial Soybeans in Illinois, 5¢  
Cir. 1006 1968 Summary of Illinois Farm Business Records, 15¢

A copy of each of these circulars was included in January Agricultural Releases. Quantity copies are available at prices shown for out-of-state distribution. Illinois schools may request from Vocational Agriculture Service in the usual manner.

JWM



Engine Analysis Refresher Courses. Following is the enrollment that has been received to date (December 19) for the two courses on engine analysis:

East Peoria Course - Illinois Central College, Saturday, January 10, 9:00 a.m.

Paul Ames, Waverly  
Ken Hodel - Dunlap  
Larry Irion - Colfax  
James Litchfield - Knoxville  
Don Parrish - Stillman Valley  
Harold Vaughan - Elmwood  
Frank Young - Washington

This course will definitely be held so you can plan accordingly.

Bonnie Course - Rend Lake College, Saturday, January 10, 9:00 a.m.

Hartzell Black - Shawnee College, Karnak  
P. E. Cross - Dahlgren  
Homer Heape - Murphysboro  
Ron Westerfield - Dongola

This course is uncertain unless additional enrollment is obtained by January 6. Those who have sent in enrollment forms will be notified if the course is cancelled.

If you are interested in attending either of these courses, please fill out and send in the tear sheet enrollment form in the back of this issue of the AIDS. If you have enrolled, please do not fail to attend without notifying us or the host institution.

RFE

Junior Judging Contest. Professor G. R. Carlisle of the Animal Science Extension staff has given us the following information:

"A market hog judging contest will be held February 7 at the State Fair Grounds, in conjunction with the Illinois Spring Barrow Show. The rules are as follows:

- "1. Any boy or girl 19 years or younger may participate in the junior judging contest.
- "2. A team shall be three members from any 4-H club, FFA chapter, or county.
- "3. Ribbons will be awarded the top 10 individuals and top 10 teams. A plaque will be awarded the top junior judge and top team at the Awards Banquet.
- "4. The contest will be during the noon hour.  
Registration prior to 11 a.m."

For further details, contact your county extension adviser or write Professor G. R. Carlisle, Department of Animal Science, University of Illinois, Urbana 61801.

WHW

Moorman 1970 Scholarship Program. A brochure explaining the 1970 scholarship program sponsored by the Moorman Mfg. Company, Quincy, Illinois, is included with copies of the AIDS going to Illinois teachers. You should call the deadline dates for application to the attention of interested students.

JWM





Engine Analysis Kit Schedule. The engine analysis kit schedule for the rest of the year is shown below as we have it. There are no vacant loan periods although we still have schools on a waiting list in case there are any cancellations. Please let us know at once if you wish to cancel your reservation for a kit so we can accommodate another school.

Section	E	F	G	H	I
	Jan. 5-23	Feb. 2-20	Mar. 2-20	Apr. 6-24	May 4-22
1	Pearl City Dakota	Pecatonica	Elizabeth	Winnebago Lena	Freeport Galena
2	Mt. Carroll	Chadwick	Shannon Morrison	Franklin Grove	****
3	Galva	Malden	Geneseo	Annawan	Taylor Ridge
4	Monmouth	Alexis	Williamsfield	Biggsville	Oneida
5	Wenona	Varna	Eureka	Roanoke	****
6	Woodstock	Genoa	****	****	McHenry
7	Mendota	Seneca	Shabbona	Earlville	Sandwich
8	Beecher	Joliet	Mazon	Newark	Yorkville
9	****	Cullom	Colfax	El Paso	Chatsworth
10	Onarga	Manteno	St. Anne	Reddick	Cissna Park
11	Bushnell	Dallas City	Macomb	Colchester	Augusta
12	Astoria	Farmington	Fairview	Mackinaw	Morton
13	Pleasant Hill Milton	Kinderhook	Virginia	Barry	Liberty
14	Rochester	Buffalo	Auburn	Williamsville	****
15	Piasa	****	Staunton Franklin	Waverly	Girard
16	DeLand	Saybrook	Monticello	LeRoy	Ellsworth Clinton
17	Villa Grove	Newman Tolono	****	Mahomet	Tuscola
18	Armstrong	Bismarck	Paris	Chrisman	Catlin
19	****	Herrick	Litchfield	Nokomis	Stonington Windsor
20	Toledo	Marshall	Effingham	Oblong	Beecher City
21	Farina	Centralia	Woodlawn	Sandoval	Ramsey
22	Edwardsville	Nashville	Sparta	Lebanon	Alton
23	Olney	Flora	Lawrenceville	St. Francisville	Louisville
24	Anna	Pinckneyville	Murphysboro	Tamaroa	Dongola
25	Mill Shoals	Eldorado	Goreville	Golconda	Cave-in-Rock

NOTE: \*\*\*\* means kit is scheduled to a school from another section.

JWM

Hoof and Horn Annual Yearbook. Dr. Don Bray of the Animal Science Department has furnished enough copies of the 1968-69 Hoof and Horn Annual Yearbook for us to include a copy in each of the Illinois Agricultural Releases for January. This is an educational and promotional booklet made available to agricultural occupations departments, Extension offices, Hoof and Horn Club alumni, and interested livestock producers. It is the outcome of a cooperative effort of the Hoof and Horn Club and the University of Illinois Animal Science Department. Its purpose is to inform the public about the present research and teaching advancements being made by the Animal Science Department as well as to orient the public about Hoof and Horn Club activities.

DB/WIHW



Standards for Measures of Efficiency--1969. This item is included with the January Releases. It can be used as a means of comparison for record results of the students' farming programs or persons enrolled in adult farmer classes. Additional copies can be obtained from Vocational Agriculture Service at 60¢ per pack of 10 copies. They are included on the tear sheet for convenience in ordering.

JHH

Farmer's Tax Guide. This publication from the Internal Revenue Service is included with the January Releases. Quantity copies are not available from here. It is our understanding that county extension advisers and Internal Revenue Service offices have additional copies.

JHH

New Slidefilms. Four new color slidefilms were sent in December to all schools who have advance orders for films. If you did not receive these films, or if they were damaged in shipment, please let us know. They are as follows:

- 443 Calibrating a Granular Applicator (32 frames)
- 602 Garden Flowers, Annuals--Part II (50 frames)
- 747 Soybean Diseases in Illinois (39 frames)
- 772 Factors Affecting Classes and Grades of Oats (42 frames)

They are listed on a tear sheet in this issue of the AIDS for those who do not have an advance order and who may wish to order any or all of them. In addition, the following black and white slidefilm has been revised to conform with the present electrical wiring box inventory and is available as listed. It was not sent on advance order.

- 404A Identifying Electrical Wiring Materials (63 frames)

RLC

Sample Grain Rings for Judging. Grain judging rings for corn, soybeans, oats, and wheat are again available. These practice sets are different than those previously distributed. Each ring consists of four 8-ounce samples with official placings and reasons.

A complete set of four rings sells for \$7.50, plus postage. Charges can be placed against your account. These samples are prepared by the Agronomy Field and Furrow Club. This item is included on the tear sheet for the convenience of those who may wish to order.

RLC

Soil Samples of Known Soil-Test Value. The Field and Furrow Club has made up new soil samples this year. They are used as a check to test accuracy in soil testing. They sell for \$0.00 per set of six samples, plus postage. The range in soil test value is as follows. P<sub>1</sub> 4.6-6.5, P<sub>2</sub> 15-85; P<sub>2</sub> 25-120 lbs., and K 195-280 lbs. Flame photometer readings are also given (range 163-280 lb.). This item is listed on the tear sheet.

RLC

Teachers in Ornamental Horticulture. This 16-page brochure was included in the January Agricultural Releases. It was prepared a few years ago as promotional material for school administrators, guidance counselors, and students to illustrate possible opportunities in the field of Ornamental Horticulture. Quantity copies are available as long as the supply lasts.

RLC

Top Varieties for Illinois. This wall chart showing the crop varieties recommended for Illinois in 1970 was included in the January Agricultural Releases. Single copies are available for 10¢ each, plus postage, for those who do not receive Releases.

RLC



Two New Movies from Union Pacific. Dr. E. L. Knake has called our attention to the following new 16 mm. sound movies:

"The Great Difference" - A 28-minute film showing how added plant food increases production of quality farm crops. It discusses proper balance of nutrients, sources of raw materials, and the manufacturing process.

"No Room for Weeds" - A 27-minute film designed to show the importance of weed control to increase crop yields. The development and safe use of selective herbicides, based on scientific research is presented. The film portrays up-to-date methods of applying herbicides and proper use of mechanical equipment.

Available on loan from Mr. Joe W. Jarvis, Supervisor of Agr. Development, Union Pacific Railroad, Omaha, Nebraska 68102.

RLC

Slide Sets from the American Potash Institute. Warner L. Nelson, Senior Vice President of the Institute, announced that they have developed two new color slide sets this year for loan or sale. They are as follows:

"Grow Top Profit Corn" - 44 slides (\$6.60)

"Fertilize Forage for Profit" - 43 slides (\$6.30)

Other slide sets available for 1968-69 are as follows:

"Facts Point to Fall-Winter Fertilization" - 41 slides (\$6.25)

"Build Quality Lawns for Beauty" - 41 slides (\$8.00)

"Fertilize Those Soybeans" - 36 slides (\$6.00)

"Potassium for Agriculture" - 66 slides (\$5.00)

"Alfalfa for Top Profits" - 40 slides (\$5.85)

"Field Diagnosis & Tissue Testing" - 51 slides (\$7.35)

"Fertilizer Application for Top Profits" - 48 slides (\$7.05)

"Ten More Bushels of Soybeans" - 51 slides (\$7.35)

"Making Forage Fertilization Pay" - 46 slides (\$6.75)

"What's Wrong With My Corn" - 45 slides (\$6.60)

"Potassium Hunger Symptoms" - 40 slides (\$5.70)

These slide sets may be ordered from American Potash Institute, 1649 Tullie Circle, N. E., Atlanta, Georgia 30329.

RLC

Farm Youth on the Go This publication is a reprint with permission from the 1969 Ford Almanac. It was distributed in large numbers at and just after the 1969 summer conference, exhausting the supply. Due to the demand, it has been reprinted and a copy is included in January Agricultural Releases. Many teachers have reported this to be an excellent publication for use in orienting new and prospective new agriculture students. It is available in quantity at 3.5¢ per copy, plus postage and is included on the tear sheet order form in this issue of the AIDS.

JWM

Illinois Fertilizers Conference. The following information was furnished by Dr. L. F. Welch of the Department of Agronomy:

"The University of Illinois will host the Illinois Fertilizer Conference January 8-9, 1970 at the Ramada Inn, 1501 S. Neil Street, Champaign, Illinois. Registration begins at 8:00 a. m. and the conference starts at 9:00. Teachers and guests are welcome to attend."

RLC



Extramural Courses. Following is complete information on extramural courses in agriculture that are scheduled for the second semester, 1969-70. Please note a correction on Agr. Econ. E305 at Springfield, and additional information on Hort. E345 at Pontiac.

#### BELLEVILLE

Hort. E251, Arboriculture - J. B. Gartner

Credit: 3 semester hrs.

Location: Belleville Twp. High School West, 2600 W. Main St., Vo-Ag Room

First Meeting: Tuesday, Feb. 10, 6:30 p.m.

#### HILLSBORO

Plant Path. E377, Diseases of Field Crops - A. L. Hooker

Credit: 3/4 unit graduate or 3 sem. hrs. undergraduate

Location: Hillsboro High School Agriculture Bldg., Room 201

First Meeting: Monday, Feb. 9, 7:00 p.m.

#### PEORIA

Agr. Econ. E325, Advanced Farm Management - A. G. Mueller

Credit: 3/4 or 1 unit graduate or 3 sem. hrs. undergraduate

Location: Peoria Limestone High School, Room 108

First Meeting: Wednesday, Feb. 11, 7:00 p.m.

#### PONTIAC

Hort. E345, Growth and Development of Horticulture Crops - J. P. McCollum

Credit: 1 unit graduate or 4 sem. hrs. undergraduate

Location: Pontiac High School, Vo-Ag Room

First Meeting: Tuesday, Feb. 10, 6:30 p.m.

#### SPRINGFIELD

Hort. E122, Greenhouse Management - D. C. Saupe

Credit: 3 semester hours undergraduate

Location: Franklin Middle School, 1200 Outer Park Dr., Room 126

First Meeting: Thursday, Feb. 12, 7:00 p.m.

Agr. Econ. E305, Agricultural Policies and Programs - H. D. Guither

Credit: 3/4 or 1 unit graduate or 3 sem. hrs. undergraduate

Location: Franklin Middle School, 1200 Outer Park Dr., Room 118

First Meeting: Thursday, Jan. 29, 7:00 p.m. (Note: This date is a correction--previous date of Feb. 12 was in error)

#### YORKVILLE

Agr. Econ. E302, Financing Agriculture - J. M. Holcomb

Credit: 3/4 or 1 unit graduate or 3 sem. hrs. undergraduate

Location: Yorkville High School, Game Farm Road, Room 130

First Meeting: Thursday, Feb. 12, 6:30 p.m.

BY UNIVEX NETWORK - to be received at Decatur, Malta and Freeport. Specific locations are as follows:

#### Decatur

U. of I. Extension Classroom  
Farm Bureau Building  
1150 West Pershing Road

#### Freeport

Room T101, Tech. Bldg.  
Highland Junior College  
South Highway 26

#### Malta

Room 3, Library Bldg.  
Kishwaukee Junior College





Univex Courses as follows:

- Home Econ. E320, Diet in Disease - Esther L. Brown  
Credit: 1/2 unit graduate or 3 sem. hrs. undergraduate  
First Meeting: Wednesday, Feb. 11, 7:00 p.m.
- Sec. Ed. E354, Audio-Visual Communication - J. C. Everly  
Credit: 1/2 or 1 unit graduate or 3 sem. hrs. undergraduate  
First Meeting: Saturday, Feb. 14, 9:00 a.m.
- Vet. Med. E416, Epizootiology - D. H. Ferris  
Credit: 1 unit graduate  
First Meeting: Tuesday, Feb. 10, 2:00 p.m.
- Vo-Tech Ed. E382, Cooperative Vocational and Technical Education Programs -  
Anna K. Mahaffey  
Credit: 1/2 or 1 unit graduate, or 2 or 4 sem. hrs. undergraduate  
First Meeting: Tuesday, Feb. 10, 7:00 p.m.

NOTE: Preregistration is required for Univex courses. A special brochure with preregistration form and other details has been sent to teachers in the areas around Freeport, Malta and Decatur. If you did not get a brochure and are interested, please write to Vocational Agriculture Service, 434 Mumford Hall, Urbana 61801.



## 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.

MIDWEST FARM HANDBOOK, 7th Ed. 1969. \$6.95 Iowa State University Staff. Iowa State University Press, Press Bldg., Ames, Iowa 50010.

Midwest Farm Handbook is a product of the staff in the College of Agriculture at Iowa State University.

This handbook is recognized as a convenient source of information about agriculture, especially since it is backed by many man-years of experience in the application of science to agriculture. This is a ready reference for farmers and businessmen which serves as a source of current recommendations as well as a source of acquiring new ideas.

BUILDING FARM FENCES 1969. \$1.00. American Association for Agricultural Engineering and Vocational Agriculture. Athens, Georgia 30601.

This is the second revision of a publication initially prepared in 1954. It is a "how-to-do-it" publication that has a companion entitled "Planning Farm Fences."

THE INTERNAL COMBUSTION ENGINE - Teacher's Manual

THE INTERNAL COMBUSTION ENGINE - Student Manual

REPAIR CHECK-OFF PROCEDURE FOR SINGLE CYLINDER AIR COOLED ENGINES 1969. \$3.50 for the set of 3 publications. C. O. Jacobs. Agricultural Education Department, College of Agriculture, University of Arizona, Tucson, Arizona 85721

This set of three publications has been revised after field testing in 9 centers in Arizona last year. They are intended to compliment the use of the small air-cooled engine as a model for teaching the principles of the internal combustion engine.

SPECIAL EVENTS - Don't forget the following:

Illinois Fertilizer Conference - January 8-9 - Ramada Inn, Champaign

Grain Conditioning Conference - January 14-15 - Illini Union, Urbana

Custom Spray Operators' Training School - January 28-29, Illini Union, Urbana



division of  
agricultural  
education  
college of  
education

University of Illinois



Staff Members Attend AVA Convention. All members of the Agricultural Education staff attended the American Vocational Association Convention in Boston in December. Dr. Phipps taught in the pre-session research program. Dr. Robert Walker served as a host for one of the AATEA sessions. Dr. Hemp served as Chairman of the Membership Committee for the Agricultural Education Division and a member of the AVA Membership Committee. For the first time in history, a complete proceedings of the convention will be prepared and sold for \$2.50 through the AVA Office.

PEH

Registration for Spring Semester. Teachers and others who want to take a campus course during the spring semester may register Saturday morning, February 7, 1970. Teachers who have not advance enrolled should contact Dr. Hemp to see if spaces are still available in the graduate student quota established for each department. Teachers who wish to enroll in extramural courses need not concern themselves with the quota. Registration for extramural courses is handled at the first meeting of the course.

PEH

Votec 472. Dr. Robert Walker will teach Votec 472, Course Planning and Advanced Teaching Methods in Agricultural Education, on campus the second semester of 1969-70. The course will meet on Monday night, 4:30-6:30 p.m., starting February 9. Registration for commuting teachers is February 7, Saturday, 8:00 a.m.-12:00 noon. If a teacher wishes to enroll in the course and was not enrolled in the University of Illinois the first semester, he must submit in advance, an application for admission or readmission. Application forms for admission are available from the Agricultural Education office, 357 Education Building, University of Illinois, Urbana 61801.

RWW

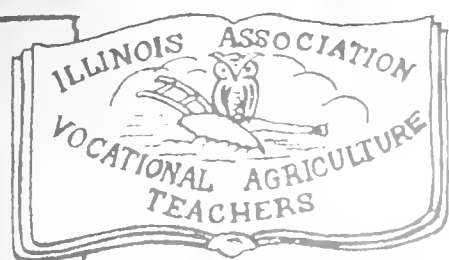
Additional Citizens' Advisory Council Aids. The Rurban Education Development Laboratory (REDL), a service of the University of Illinois, has developed two slide presentations with audio tapes for use with advisory councils. They are entitled, "How Citizens' Advisory Councils Aid Boards of Education" and "Preper Functions of Citizens' Advisory Councils." Both sets are available on a loan basis free of charge from REDL. (When ordering, please indicate whether slides are to be sent loose or arranged in a Kodak Carousel Universal Slide Tray.)

RKH

"The Advisory Committee and Vocational Education." This new 52-page booklet has been developed and is available from the American Vocational Association, Inc., 1510 H. Street, N.W., Washington, D.C. 20005. Specifically tailored for vocational advisory committees, the booklet discusses not only the concept of such committees, but also the organizational and operational procedures for such committees. Price \$1.25. (Do NOT contact REDL for this publication.)

RKH





Dedicated To The Education  
Of Rural America  
Affiliated With I.V.A.-A.V.A.-N.V.A.T.A.

# I A V A T NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

Once again the Illinois delegation attended the AVA Convention in full strength. This is a true indication of the IAVAT executive committee's willingness to represent you on the National level. Our delegates attend all sessions and serve as group leaders during many of the "think arounds." The Illinois delegation attracted much interest in all group sessions and each explained many times our state plan and structure of the IAVAT. The IAVAT was one of four State Associations to win the Professionalism Award. This is an honor that can be attributed to each of our members.

As we visited with agriculture teachers from other states, I believe we could summarize the national problems and accept them as ours--

1. Loss of agriculture identity
2. Implementing the new state plans
3. Receiving appropriated funds

These problems are national in scope but solutions must begin at the local level. This is not the time to cry "uncle" or expect to live on the laurels of our predecessors. Now is the time to build the strong foundations at the local level. With strength locally our state and national associations can create the support we need; but first, you must help yourself.

\*\*\*\*\*

The IAVAT executive committee met with Mr. Sherwood Dees, Sunday evening, December 7. We are extremely pleased that our State Director would take time from his busy schedule to meet with us. His willingness to cooperate indicates the confidence he has in your ability to continue to develop a sound vocational program in agricultural education. We were assured we could continue our program much as we have in the past. We do need to develop career orientation or occupational entry courses to broaden our program and be able to accept more students. We have the subject matter, we have the interest, we have the ability--now let's teach by our own slogan, "Agriculture is More Than Farming." Mr. Dees gave us the positive approach--let's accentuate the positive and eliminate the negative. We appreciated our visit with Mr. Dees and hope this is just the beginning of a series of discussions in the interest of vocational education.

\*\*\*\*\*

As I wrote this newsletter on December 15, I realize this is the final due date for the payment of dues to our State Association. I have been authorized by the executive committee to discuss with you the contents of several motions properly presented and passed. The final due date is December 15 but this due date has been extended to January 15, 1970. After this date any member not having his dues paid in full will be removed from the active membership list. Of course, this will also result in the replacement of any nonpaying members as sectional chairmen or from committee responsibilities. Dues may be paid any time but we must have the cut-off date of January 15 to give the executive committee some security in the hiring of the Executive Secretary. We owe this consideration to the executive committee





and certainly the new executive secretary will be confronted with enough challenges and insecurities without having to begin his job with an indefinite membership list. It has been brought to my attention that some members have paid only the first installment. I can only remind you that our dues are package dues and active membership to any organization or affiliate is permissible only with complete payment. I am quite certain your District Director will be contacting the sectional chairmen with this information. A burden of responsibility lies on the shoulders of the sectional chairmen. They must represent the IAVAT at the grass root level. Without their cooperation our structure is incomplete and the value of IAVAT is weakened. Our survival is dependent upon unity and a strong professional organization. I can only urge you to follow your beliefs and convictions in the payment of dues and membership in your professional organizations. This is your chosen field and my chosen field. May we pull together as a well matched team.

President Bosomworth has received some applications and suggestions for an executive secretary. This list will be given to the screening committee. A man will be hired by our target date to begin working for you. Let's give him the support of the agriculture occupations instructors of Illinois.

Many of us like to remember the good old days in agriculture. I can remember one important implement we used on my father's farm--the binder. Perhaps the most important part of the binder was the bull wheel which served three important functions:

1. A center of balance for the implement
2. A pivot or turning point
3. As a ground driven wheel it provided the power to drive all other mechanisms

I think we have reached that period of time when we need to take a little of the good old days and mix well with the present. I'm asking each of you to become a bull wheel--a very important part of an obsolete implement. Our agriculture program of the binder era is obsolete but if we can salvage enough bull wheels we can meet the challenge of the new program. Each one of you will have to be the center of balance for your vocational program. You will make the decisions to balance the production agriculture courses with career orientation courses. Your balance, your decisions, will determine the agricultural future of your community. You are the pivot, the turning point for agricultural education and agricultural professionalism in your school system. Your attitudes, your beliefs and convictions will dictate the final results. Now is the time to pivot, to change direction. You have both feet on the ground in your local community. As you are ground driven locally, providing the power to drive other phases of our program to the section, district, state, regional and national, so then all wheels will turn and we will have a strong agricultural education program at all levels. All I'm asking is for bull wheels. Can we have 453 by January 15, 1970?

Eldon E Witt

\*\*\*<\*\*\*

### Section 12 News

Section 12 held their fall dinner meeting at the Heritage House in Peoria with their wives as guests. Honored guests of the evening were Mr. and Mrs. W. H. Dowell. Bill has completed 42 years of teaching and is one of the past presidents of IAVAT. Bob Albers, sectional chairman, presented Bill a plaque with his years of teaching and schools on it. Bill received his B S. degree from the University of Illinois in 1927 and his M S. degree from Colorado A & M in 1938. Bill started teaching in Minonk in 1927 and stayed there until he moved to Pekin in 1935. His longest tenure was at Pekin from where he moved in 1966 to Tremont. He retired from active teaching this past spring.

We in Section 12 will miss Bill but we wish him happiness in his teaching retirement.

\*\*\*\*\*



(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	<u>Item</u>
_____	\$ .60	_____	Standards for Measures of Efficiency-1969 (pack of 10)
_____	\$7.50	_____	Sample Grain Rings for Judging
_____	\$10.00	_____	Soil Samples of Known Soil-Test Value
_____	\$ .035	_____	Farm Youth on the Go
<u>Slidefilms:</u>			
_____	\$2.55	_____	443 - Calibrating a Granular Applicator
_____	\$3.10	_____	602 - Garden Flowers, Annuals - Part II
_____	\$2.75	_____	747 - Soybean Diseases in Illinois
_____	\$2.85	_____	772 - Factors Affecting Classes & Grades of Oats
_____	\$1.35	_____	404A - Identifying Electrical Wiring Materials

Name \_\_\_\_\_ School \_\_\_\_\_  
Address \_\_\_\_\_  
Billing \_\_\_\_\_

(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

I wish to enroll in the following training course on Engine Analysis:

Illinois Central College, East Peoria, January 10, 1970

Rend Lake College, Bonnie, January 10, 1970

Signed \_\_\_\_\_  
Address \_\_\_\_\_

AIDS, January 1970



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PRICE LIST OF FEEDS

Prices for some of the feeds listed in summary tables for 1969 are given in this table. These prices are obtained from the following sources: (1) based on data from the Agricultural Census, 1969; (2) based on data from the Agricultural Census, 1968.

Kind of feed	Price per unit
Corn, shelled, bu	\$ 7.09
Corn, ground shelled or ear corn, bu	7.49
Oats, bu	5.00
Oats, ground, bu	7.00
Barley (feed), bu	8.10
Barley, ground or rolled, bu	9.40
Grain sorghum, cwt	1.80
Grain sorghum, cracked, cwt	1.90
Whole milk, mfg. grade, cwt	4.30
Corn silage, ton	9.80
Sorghum silage, ton	8.00 <sup>2</sup>
Haylage, ton	15.00 <sup>2</sup>
Clover and mixed hay	All hay and straw prices
Alfalfa	price for baled, figure
Oat or wheat straw	loose at \$5 less per ton

<sup>1</sup> Prepared in cooperation with the Department of Agricultural Economics

<sup>2</sup> Or convert to dry hay equivalent containing 90 percent dry matter

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Volume 28, Number 7

February 1970

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 BOARD OF VOCATIONAL EDUCATION AND REHABILITATION  
 Vocational and Technical Education Division  
 405 Centennial Building  
 Springfield 62706

February 1970

Vocational Agriculture Dates and Activities to Remember

- February 15 Annual Supervised Experience Program Summary Report -- file in local administrator's office
- February 21-28 National FFA Week
- March 2 Sectional FFA Foundation Awards Winners Reported to State Ofc., Springfield
- March 12-14 Illinois Vocational Association Meeting, Chicago
- March 21 State Meat, Milk and Poultry Judging Contests, Urbana
- March 25 District FFA Foundation Awards

	<u>Place</u>	<u>Time</u>	<u>IAVAT</u> <u>Director in Charge</u>
	Dist. I Kewanee Comm. HS	6:00 p. m.	Charles Pearson
	Dist. II Lincoln-Way HS, New Lenox	6:00 p. m.	Roland Meyer
	Dist. III Jacksonville HS	4:00 p. m.	Fred Russell
	Dist. IV Newman HS	6:00 p. m.	Lowell Hillen
	Dist. V Woodlawn HS	6:00 p. m.	Cedric Gowler
April 8	District FFA Public Speaking Contests		
	Dist. I Geneseo HS	6:00 p. m.	Charles Pearson
	Dist. II Plano HS	6:00 p. m.	Roland Meyer
	*Dist. III Applied Sciences Bldg. Western Ill. University	6:00 p. m.	Fred Russell
	Dist. IV Tolono HS	6:30 p. m.	Lowell Hillen
	Dist. V Rm. 234 Agr. Bldg., Southern Ill. University	6:30 p. m.	Cedric Gowler

- April 15 State and American Farmer Applications to State Office, Springfield
- April 18 State FFA Foundation Awards Meeting, Urbana
- April 25 State FFA Extemporaneous Public Speaking Finals and Preliminary State FFA Prepared Public Speaking, Springfield
- May 1 Completed FFA Program of Work to Sectional President
- May 2 State Vocational Agriculture Livestock, Dairy and Crops Contests, Urbana
- June 1 Annual FFA Report to State Office, Springfield
- June 16-18 Annual State FFA Convention, Urbana
- Aug. 10-12 Annual Conference IAVAT, Urbana
- Aug. 15 Applications for Jr. College Scholarships to Foundation Committee

\*Correction from January AIDS



# VO-AG SERVICE

## Announcements & Notes

Telephone - Area 217 - 333-3870

Bulletins and Circulars. Several new publications have been released this month, as follows:

- Circular 1008, Calibrating and Adjusting Granular Row Applicators, 10¢
- Circular 1009, Mulching Vegetables, 15¢
- Circular 1010, 1967-1969 Performance of Corn Hybrids in Illinois, 10¢
- 1970 Weed Control Guide (Reprint from 1970 Illinois Agronomy Handbook), 10¢
- Bulletin 735, Soil Type Acreages for Illinois \$1.00 (for sale only)

Copies of these publications were included in February Agricultural Releases (Bul. 735 to Illinois subscribers only). Prices shown are for quantity distribution out-of-state. Illinois teachers may order in the usual manner.

JWM

Radio Programs Feature Agricultural Careers. The following information was supplied by Mr. Art Sechrest of the Illinois Farm Radio Network:

Each day of the week of February 9-13, career opportunities in agriculture will be featured on the program RFD ILLINOIS. There will be a series of interviews bringing out the opportunities, salaries to be expected, schooling or other training required, etc., for various careers in agriculture. Times and stations that will carry this program are listed below.

	<u>Time: 5:30 - 6:00 A.M.</u>	
WJBC	Bloomington	1230
WDAN	Danville	1490
WROK	Rockford	1440
WFRL	Freeport (summer only)	1570
WSDR	Sterling	1240
WGIL	Galesburg	1400
WHBF-FM	Rock Island	98.9
WKAI	Kewanee	1450
WMBD	Peoria	1470
	<u>Time: 6:05 - 6:30 A.M.</u>	
WVLN	Olney	740
WCRA	Effingham	1090
WSMI	Litchfield	1540
WLBH	Mattoon	1170
WHOW	Clinton (summer only)	1520
WPOK	Pontiac	1080
WLDS	Jacksonville	1180
WDUK-FM	Havana	
WPRC	Lincoln	1370
	<u>Time: 6:30 - 7:00 A.M.</u>	
WKAI-FM	Macomb	100.1

AS/JWM



First Shipment of Advance Order Units. The first five advance order units were shipped in January. They are as follows:

2018a	Law for the Farmer (24 pgs.)	30¢
3017a	Appraising Farm Buildings (24 pgs.)	30¢
4004b	Determining Available Potassium in Soils (12 pgs.)	15¢
4050	Nitrates in Water Supplies, Field Crops, and Ruminant Nutrition (12 pgs.)	15¢
6002	Salesmanship in Agricultural Business (24 pgs.)	30¢

If you have an advance order for production-business units and have not received this shipment, please let us know. These units are now available for general distribution and are listed on the tear sheet order form in the back of this issue of the AIDS.

WHW

Junior Swine Judging Contest February 7 is the date for the Market Hog Judging Contest for FFA and 4-H boys and girls at the State Fair Grounds in Springfield. For particulars, see page 2 of January AIDS.

WHW

State Judging Contest Rules. The State Judging Contest Rules were mailed out last week. Please note the following changes from past:

1. Poultry contest held March 21, with Meat and Milk
2. All Livestock breeding rings made production rings
3. Swine Evaluation class changed to a Swine Grading Ring

If you have not received your copy of the rules, please let us know and we will send one to you.

WHW

Dairy Calf Sale. Professor J. G. Cash of Dairy Science Extension has asked us to announce the 22nd Purebred Dairy Cattle Association dairy calf sale to be held at the Stock Pavilion on Saturday, February 28, 1970. This will include calves from the five major dairy breeds and Milking Shorthorn. A copy of the catalog will be sent to each agricultural occupations instructor in Illinois about the middle of February. If the catalog does not answer all of your questions, please contact Professor Cash or notify Vocational Agriculture Service and we will try to get the answer for you.

JGC/WHW

Grain Conditioning Conference Report. The report and proceedings of the Grain Conditioning Conference, held at Urbana, January 14-15, was included in the February Agricultural Releases. A few additional copies remain that are available at \$1.00, plus postage.

JWM

Illinois Fertilizer Conference Proceedings. This 72-page manual contains 21 presentations on the latest research results in fertilizer use and its effect on crop production. Of special interest to agricultural occupations classes might be the sections on the Cost of Doing Business, Cost of Distributing Fertilizer, and Cost of Grower Services. Additional copies are available at \$1.00 per copy as long as the supply lasts.

RLC

LATE NOTE Saturday, April 11, has been selected as the date for a one-day course on Inert Gas Welding and Other New Developments, to be held at Illinois Central College, East Peoria. Additional information and a blank for sign up will be included in the March AIDS.

RFE





Engine Analysis Kit Schedule. The engine analysis kit schedule for the rest of the year is shown below as we have it. There are no vacant loan periods although we still have schools on a waiting list in case there are any cancellations. Please let us know at once if you wish to cancel your reservation for a kit so we can accommodate another school.

<u>Section</u>	<u>F</u> <u>Feb. 2-20</u>	<u>G</u> <u>Mar. 2-20</u>	<u>H</u> <u>Apr. 6-24</u>	<u>I</u> <u>May 4-22</u>
1	Pecatonica	Elizabeth	Winnebago Lena	Freeport Galena ***
2	Chadwick	Shannon Morrison	Franklin Grove	
3	Malden	Geneseo	Annawan	Taylor Ridge
4	Alexis	Williamsfield	Biggsville	Oneida
5	Varna	Eureka	Roanoke	***
6	Genoa	***	***	McHenry
7	Seneca	Shabbona	Earlville	Sandwich
8	Joliet	Mazon	Newark	Yorkville
9	Cullom	Colfax	El Paso	Chatsworth
10	Manteno	St. Anne	Reddick	Cissna Park
11	Dallas City	Macomb	Colchester	Augusta
12	Farmington	Fairview	Mackinaw	Morton
13	Kinderhook	Virginia	Barry	Liberty
14	Buffalo	Auburn	Williamsville	***
15	***	Staunton Franklin Monticello	Waverly	Girard
16	Saybrook		LeRoy	Ellsworth Clinton
17	Newman Tolono	***	Mahomet	Tuscola
18	Bismarck	Paris	Chrisman	Catlin
19	Herrick	Litchfield	Nokomis	Stonington Windsor
20	Marshall	Effingham	Oblong	Beecher City
21	Centralia	Woodlawn	Sandoval	Ramsey
22	Nashville	Sparta	Lebanon	Alton
23	Flora	Lawrenceville	St. Francisville	Louisville
24	Pinckneyville	Murphysboro	Tamaroa	Dongola
25	Eldorado	Goreville	Golconda	Cave-in-Rock

NOTE: \*\*\* means kit is scheduled to a school from another section.

JWM

Green Giant Scholarship and Savings Bond Program - Belvidere Area. The following information was furnished by Dean C. D. Smith as a reminder to the teachers in the Belvidere area. Green Giant Foundation is again offering \$500 cash scholarships for the freshman year in agricultural college and a \$25 Savings Bond to the outstanding FFA member in each eligible school. Illinois schools eligible for these awards are: Belvidere, Genoa-Kingston, Harvard, Hononegah, Huntley, Kirkland, Marengo, North Boone, Pecatonica, Sycamore, Winnebago, and Woodstock. Additional information has been sent directly to the teachers in these schools.

CDS/JWM



Entomology NHE Fact Sheets. Various teachers have requested complete sets of the NHE Insect Sheets in quantity lots for classroom use; therefore, the Engomology Division has asked us to announce the availability of these as follows:

The NHE Fact Sheets describe the life history, habits, and damage caused by various insects. There are about 125 insect pests described that affect field crops, vegetables, fruit, and ornamental crops, as well as household and livestock pests. The complete sets are available at \$3.50 each, plus postage. Partial sets are available as follows:

Corn and Small Grain Insects	\$ .85
Forage and Soybean Insects	.85
Livestock, Household, and Stored Grain Insects	1.10
Vegetable, Fruit, and Ornamental Insects	.70

Send orders directly to Roscoe Randell, 280 Natural Resources Building. Schools will be billed by the College of Agriculture.

RLC

Sheep Shearing Schools. Dr. G. E. Ricketts of the Animal Science Extension staff has given us the following information:

Sheep shearing schools will be held this year as follows: March 17 and 18 at University of Illinois, Urbana; March 23 and 24 at Lee County 4-H Center, Amboy; March 25 and 26 at John Kramer Farm, Roseville; March 31 and April 1 at Dixon Springs Agricultural Center, Simpson.

In selecting boys:

1. Select not over two boys from any one school.
2. Give priority to boys who (1) have enough size to handle mature sheep (minimum weight, 125 pounds and height, 5'4"); (2) have sheep projects, (3) are willing to take instruction, and (4) will have a chance to shear sheep after the school ends.
3. Select boys that will stay the 2 days. In the past there have been so many boys enroll that did not show up or came for one day only that the enrollment fee has been increased to \$5.00 with \$4.00 being refunded to each one that stays for the entire school. No enrollment will be accepted without the \$5.00 enrollment fee. Make checks payable to the Sheep Shearing Fund.
4. Send all enrollments to the Livestock Extension Office, 326 Mumford Hall, Urbana, Ill. 61801 by March 9. Each boy will then be contacted directly and sent details of the school.
5. All equipment will be furnished. Each boy should bring work clothes and shoes.
6. Each school will start at 9:00 a. m. on the first day and end at 3:00 p. m. on the following day.
7. Do not enroll boys who have been to the school before. If such boys want to be checked out, they can return for the second day of the school, if they bring their own equipment. They do not need to enroll in advance.
8. Enrollments will be accepted in the order they are received. Be sure to designate which school the boys wish to attend.

GER/WIHW



## 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.

TRACTOR FUELS AND LUBRICANTS, SELECTING AND STORING 1970. American Association for Agricultural Engineering and Vocational Agriculture, Athens, Georgia 30601.

"This is the second revision of the publication that was prepared initially in 1961. It is intended to justify what the operator's manual says about fuels and lubricants by explaining "why" certain recommendations are important, and what happens if they are not followed. The information presented has been summarized from hundreds of research studies, field tests and standards, and then simplified to make it as understandable and practicable as possible."



division of  
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Summer Session Offerings. The following courses will be offered at the 1970 summer session.

- Votec 471 (revised) - Policies and Programs in Vocational Education
- Votec 476 (revised) - Guidance in Vocational Education (2nd four weeks)
- Votec 473 - Adult Education in Agriculture
- Votec 474 - Supervised Agricultural Experience Programs
- Votec 475 - Organizing and Teaching Agricultural Mechanics
- Votec 459 - Directed Structured Occupational Experiences in Agriculture
- Votec 456 - Workshop for Teachers of Disadvantaged Students
- Votec 276 - (2nd four weeks) - Student Teaching for Experienced Teachers

Votec 471 and 476 have been revised and restructured to help meet the needs of persons preparing for vocational administration and supervision. One unit of graduate credit will be given for each of these courses. All courses except Votec 476 and 276 will be taught the first four weeks of the summer session. A brochure describing the summer course offerings in more detail will be mailed to each agricultural occupations teacher in Illinois in late March or early April 1970.

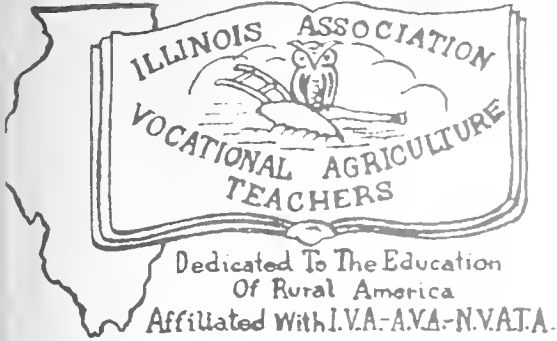
PEH

Course for Junior College Instructors. Saturday, February 21, 1970 has been scheduled as the first meeting date for Votec E370, a course for beginning and experienced junior college teachers. Enrollment in the extramural course, which will concentrate on problems and concerns of enrollees, is open to all junior college instructors, including part-time personnel. Teachers may enroll by being present at the first class session which will meet in 33 Education Building, University of Illinois, Urbana-Champaign Campus. Additional information may be obtained by writing Dr. David Williams, 361 Education Building, University of Illinois, Urbana, Illinois 61801 or calling 217/333-3277.

DLW







# I A V A T NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

From the President's Pen--

These late notes bring you a report of the January 23-24 meeting of the IAVAT Executive Committee and sectional chairmen.

Action has been taken on the appointment of an executive secretary for our organization. On January 10 the committee to screen applicants for the position met under the chairmanship of Mel Nicol of Maroa. This committee, selected by district directors and sectional chairmen, reviewed the applications, ranked the applicants, and recommended that the Executive Committee give consideration to the top two. Following the screening committee suggestions, the Executive Committee interviewed the top two candidates on January 23, concurred with the screening committee, and offered the position to Mr. Eldon Witt of Roanoke. Mr. Witt has accepted, subject to his release from his contract with the Roanoke-Benson Schools.

The new Executive Secretary brings with him the experience of some 18 years of teaching in our field and a wealth of background of professional and civic activities, including holding many offices in our organization. Barring unforeseen circumstances, we anticipate that Eldon will assume his position sometime prior to March 1.

Plans are to locate an office in Roanoke and secure secretarial help on a part-time basis for awhile. Readers will recall from past announcements that arrangements have been made for carrying on some of the work of the Illinois Foundation FFA in the office we are about to open. These arrangements include financial remuneration, as has been announced in an earlier letter.

The Executive Committee feels extremely fortunate in having the high quality of applicants for the job, and we thank all those that applied. We wish also to thank Mel Nicol and his committee for their work in screening the applicants.

With January 15 passed, we can now give a meaningful report of the membership in our organization. Secretary-Treasurer Joe Berger reports a membership of between 225 and 250. An exact number cannot be given because sectional chairmen were still bringing in dues at our January 24 meeting.

We might add that there are 50-75 teachers who have made only partial payment and, thus, are included in the delinquent list.

There is no deadline as to when one may pay dues, as dues are always acceptable. Rather, the deadline involves when one is considered delinquent.

There are a few positions on IAVAT committees and elsewhere that may be vacant because the persons previously named are now delinquent. These will be checked out by district directors and other officers in charge of those areas so that these positions may be filled and the work continued.

In other action, the IAVAT Executive Committee gave their approval of the State Agricultural Mechanics Contest as proposed by the contest committee. The Executive Committee supports the contest and wishes to have it brought before the membership at our next annual meeting.



In connection with IAVAT state contests, inquiries are made from time to time as to whether these are sanctioned by the Illinois High School Association. These contests have been sanctioned and no doubt your administrator has received this information through the official organ of that Association. Perhaps you may wish to pass the word along too. Sanctions are required as membership in IAVAT is required of the coaches of the participating teams. Both are long established policies.

No doubt many teachers are working on the annual report -- the one you have always sent to the State Office about this time of year. It is no longer required that these be sent to the State Office. "Great!" you say, but have you considered the wealth of information contained in these reports and how these support our program in the state? In order that this source of information in support of our programs not be totally lost, the Executive Committee urges you to send a copy of your report to our new IAVAT executive secretary.

May I recommend your reading the last page of the February issue of Farm Journal. And may I also urge you to attend the IVA Convention to be held in Chicago next month.

E. L. Bosomworth  
January 26, 1970



I assume each district director will make a report on the NVATA Convention in Boston when he attends your section meetings. Just a few highlights:

- 1) Millard Gundlach, Montfort, Wisconsin, was elected President.
- 2) Total registration at NVATA headquarters was 561, including wives and guests.
- 3) Total AVA registration set a new all time record--nearly 7,000.
- 4) Fred Russell of Canton won a radio in the Exchange of Ideas Contest.
- 5) An inspiring address was given by Donald McDowell, Executive Director, National FFA Foundation Sponsoring Committee.
- 6) Resolutions were adopted to re-establish a division of agricultural education within the U. S. Office of Education. The NVATA have been in many committee meetings trying to develop a solution to this problem. It's about time the state associations provided help on a "grass roots level."
- 7) A resolution was adopted asking for 12 months employment of all vocational agriculture teachers. We need to support this on the local level also.

I had the privilege of visiting at some length with Dr. Al. Krebs, Chairman of a National Public Relations Committee. If you have any success stories of individual students who have studied Agri-Business in your department, I would appreciate receiving a short "write-up" on them. I would in turn send the stories on to Dr. Krebs for compiling with national information

\*\*\*\*\*

I was very pleased to attend the IAA-FFA program at ISU for one day. In my humble opinion this is one of our most productive and educational programs for FFA chapters. We owe much to our good friends at IAA.

\*\*\*\*\*

In late winter or early spring you will receive information and entry forms from United States Steel and New Holland Division of Sperry Rand about their award programs. I urge you to read the information carefully and then complete the entry form. Both programs are excellent and I know many Illinois teachers have programs worthy of winning. You may win an expense paid trip to New Orleans.

\*\*\*\*\*

This will be the first issue this year in which I have not mentioned the executive secretary or membership to your professional organization. As I wrote this the deadline of January 15 has passed. You are either a member or a nonmember by your own choice. The results of the executive committee's efforts since June 1969 are found in the President's Message. In my last newsletter I asked for bull wheels. At this date I have no report of my efforts. I hope I got some wheels.

\*\*\*\*\*

Did you know that one past National FFA president, one past National Central Region FFA vice-president, one retired agriculture teacher, and one active agriculture teacher were elected to the Con Con?

\*\*\*\*\*

Eldon E. Witt  
January 15, 1970



### Section 3 News

A number of schools in Section 3 had the privilege of attending the Farm Progress Show at Buffalo, Illinois.

October 8, Rockridge hosted the sectional Stock Judging Contest in an alfalfa pasture which was next to the school at Taylor Ridge.

Results of the soil contest are:

- 1st Atkinson
- 2nd Geneseo
- 3rd Cambridge
- 4th Alwood
- 5th Manlius

Atkinson had 4 boys in top 6 high individuals. Congratulations to Atkinson!

Hubert Melton, Rockridge High School has a Mercer County Farm Planning Contest which is limited to seniors and is involved in the Farm Management Class.

The 3 top managers receive trophies for arriving at the best complete land use program and livestock operation.

Gary Bowman from Western Illinois University has completed his student teaching at Darnell Sr. High School at Geneseo. Mr. James Litchfield of Knoxville was Gary's agriculture occupations instructor. Gary graduated November 21 from Western Illinois University. Gary enjoys working with livestock and has had experience in crop farming. He is currently looking for a position.

John Richard Johnson from Illinois State University is doing his student teaching at Wethersfield. Thomas Fitzsimmons at Brimfield High School was John's agriculture occupations instructor. He will graduate from Illinois State in January.

Pat Manwaring from Illinois State University is doing his student teaching at Princeton. Pat comes from Champaign and will be looking for a position in January.

Section 3 is pleased to have the above student teachers with us.

Daniel Bock  
Public Relations Chairman, Section 3

\*\*\*\*\*





(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	<u>Subject-Matter Units</u>
_____	\$ .30	_____	VAS 2018a Law for the Farmer (24 pgs.)
_____	.30	_____	VAS 3017a Appraising Farm Buildings (24 pgs.)
_____	.15	_____	VAS 4004b Determining Available Potassium in Soils (12 pgs.)
_____	.15	_____	VAS 4050 Nitrates in Water Supplies, Field Crops, and Ruminant Nutrition (12 pgs.)
_____	.30	_____	VAS 6002 Salesmanship in Agricultural Business (24 pgs.)
_____	_____	_____	_____
_____	_____	_____	_____

Name \_\_\_\_\_ School \_\_\_\_\_  
Address \_\_\_\_\_ Zip Code \_\_\_\_\_  
Billing \_\_\_\_\_

(tear sheet)

TO: Mr. Roscoe Randell  
280 Natural Resources Bldg.  
Urbana, Illinois 61801

Please send the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	
_____	\$3.50	_____	NHE Insect Sheets - Complete Set
			<u>Partial Sets - NHE Insect Sheets:</u>
_____	\$ .85	_____	Corn and Small Grain Insects
_____	.85	_____	Forage and Soybean Insects
_____	1.10	_____	Livestock, Household, and Stored Grain Insects
_____	.70	_____	Vegetable, Fruit, and Ornamental Insects

Name \_\_\_\_\_ School \_\_\_\_\_  
Address \_\_\_\_\_ Zip Code \_\_\_\_\_  
Billing \_\_\_\_\_



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PRICE LIST OF FEEDS<sup>1/</sup>

Prices for some of the feeds used in supervised experience programs are listed below for students obtaining their feed at home. Purchased feeds can be recorded at prices paid.

Kind of feed	Jan. '16
Corn, shelled, bu	\$ 1.14
Corn, ground shelled or ear corn, bu	1.24
Oats, bu	.58
Oats, ground, bu	.68
Barley (feed), bu	.87
Barley, ground or rolled, bu	.97
Grain sorghum, cwt.	1.80
Grain sorghum, cracked, cwt.	1.90
Whole milk, mfg grade, cwt.	4.40
Corn silage, ton	9.50
Sorghum silage, ton	8.50 <sup>2/</sup>
Haylage, ton	15.00 <sup>2/</sup>
Clover and mixed hay) All hay and straw prices	23.00
Alfalfa ) are for baled. Figure	24.00
Oat or wheat straw ) loose at \$5 less per ton	18.00

<sup>1/</sup> Prepared in cooperation with the Department of Agricultural Economics.

<sup>2/</sup> Or convert to dry hay equivalent containing 90 percent dry matter.

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CSML

Volume 28, Number 8

March 1970





State of Illinois  
 BOARD OF VOCATIONAL EDUCATION AND REHABILITATION  
 Vocational and Technical Education Division  
 405 Centennial Building  
 Springfield 62706

February 1970

Vocational Agriculture Dates and Activities to Remember

- February 15      Annual Supervised Experience Program Summary Report -- file in local administrator's office
- February 21-28    National FFA Week
- March 2            Sectional FFA Foundation Awards Winners Reported to State Ofc., Springfield
- March 12-14      Illinois Vocational Association Meeting, Chicago
- March 21          IAVAT State Meat, Milk and Poultry Judging Contests, Urbana
- March 25          District FFA Foundation Awards
- |           | <u>Place</u>              | <u>Time</u> | <u>IAVAT<br/>Director in Charge</u> |
|-----------|---------------------------|-------------|-------------------------------------|
| Dist. I   | Kewanee Comm. HS          | 6:00 p.m.   | Charles Pearson                     |
| Dist. II  | Lincoln-Way HS, New Lenox | 6:00 p.m.   | Roland Meyer                        |
| Dist. III | Jacksonville HS           | 4:00 p.m.   | Fred Russell                        |
| Dist. IV  | Newman HS                 | 6:00 p.m.   | Lowell Hillen                       |
| Dist. V   | Woodlawn HS               | 6:00 p.m.   | Cedric Gowler                       |
- April 8            District FFA Public Speaking Contests
- |           |   |           |                 |
|-----------|---|-----------|-----------------|
| Dist. I   | Geneseo HS  | 6:00 p.m. | Charles Pearson |
| Dist. II  | Plano HS  | 6:00 p.m. | Roland Meyer    |
| Dist. III | Applied Sciences Bldg.<br>Western Ill. University | 6:00 p.m. | Fred Russell    |
| Dist. IV  | Tolono HS   | 6:30 p.m. | Lowell Hillen   |
| Dist. V   | Rm. 234 Agr. Bldg.<br>Southern Ill. University    | 6.30 p.m. | Cedric Gowler   |
- April 15          State and American Farmer Applications to State Office, Springfield
- April 18          State FFA Foundation Awards Meeting, Urbana
- April 25          State FFA Extemporaneous Public Speaking Finals and Preliminary State FFA Prepared Public Speaking, Springfield
- May 1             Completed FFA Program of Work to FFA Sectional President
- May 2             IAVAT State Vocational Agriculture Livestock, Dairy and Crops Judging Contests, Urbana
- June 1            Annual FFA Report to State Office, Springfield
- June 16-18      Annual State FFA Convention, Urbana
- Aug. 10-12      Annual Conference of Agricultural Occupations Instructors, Urbana
- Aug. 15          Applications for Jr. College Scholarships to Foundation Committee

AIDS, March 1970



# VO-AG SERVICE

## Announcements & Notes

Telephone - Area 217 - 333-3870

Bulletins and Circulars. Three new publications have been released this month. They are:

Bul. 736, Before Industrialization: A Rural Social System Base Study, 75¢

Cir. 1011, Destroying Bees and Wasps, 5¢

Cir. 1012, Illinois Agronomy Handbook 1970, 25¢ (for sale only)

Copies of each of these were included in March Agricultural Releases. Prices shown are for out-of-state distribution, although Circular 1012 is available on a sale basis only.

JWM

Engine Analysis Kit Schedule. The schedule for the remainder of the school year is shown below. No cancellations have been received so there are no vacant spots in the schedule at present. Please let us know if you note any errors or changes.

<u>Section</u>	<u>G</u> <u>Mar. 2-20</u>	<u>H</u> <u>Apr. 6-24</u>	<u>I</u> <u>May 4-22</u>
1	Elizabeth	Winnebago Lena	Freeport Galena ***
2	Shannon Morrison	Franklin Grove	
3	Geneseo	Annawan	Taylor Ridge
4	Williamsfield	Biggsville	Oneida
5	Eureka	Roanoke	***
6	***	***	McHenry
7	Shabbona	Earlville	Sandwich
8	Mazon	Newark	Yorkville
9	Colfax	El Paso	Chatsworth
10	St. Anne	Reddick	Cissna Park
11	Macomb	Colchester	Augusta
12	Fairview	Mackinaw	Morton
13	Virginia	Barry	Liberty
14	Auburn	Williamsville	***
15	Staunton Franklin	Waverly	Girard
16	Monticello	LeRoy	Ellsworth Clinton
17	***	Mahomet	Tuscola
18	Paris	Chrisman	Catlin
19	Litchfield	Nokomis	Stonington Windsor
20	Effingham	Oblong	Beecher City
21	Woodlawn	Sandoval	Ramsey
22	Sparta	Lebanon	Alton
23	Lawrenceville	St. Francisville	Louisville
24	Murphysboro	Tamara	Dongola
25	Goreville	Golconda	Cave-in-Rock

NOTE: \*\*\* means kit is scheduled to a school from another section.

JWM

AIDS, March 1970



Advance Orders for 1970-71. A subscription form for Agricultural Releases and other advance order materials for 1970-71 is being included with this month's issue of the AIDS going to Illinois schools and junior colleges. This is made available early, particularly for those who must submit budget requests this time of year. There will be several other opportunities to get these forms before the deadline date of October 1, 1970. However, if you did not get a form and want one, please let us know.

JWM

In-Service Welding Class. A one-day course on Inert Gas Welding and Other New Developments in Welding will be held on Saturday, April 11, at Illinois Central College, East Peoria. The class will meet from 8:30 a.m. to about 3:30 p.m. Due to limitations on equipment, etc., it may be necessary to limit enrollment. Please fill in and return the sign-up blank in the back of this issue of the AIDS if you are interested.

RFE

Regulations Against Use of DDT. Illinois now has a pesticide control law that makes it illegal to sell, use or apply DDT, effective January 1, 1970. A copy of the new regulation is contained in the March Agricultural Releases.

A number of VAS units and other publications that have been released in past years contained recommendations for the use of DDT. A partial list is as follows:

VAS 1006, External Parasites of Sheep

VAS 1021, Raising Dairy Calves

VAS 4040, Corn Insects

VAS 4046, Growing and Selling Christmas Trees

VAS 5005, Insect Pests of Illinois Trees and Shrubs

In addition, some USDA publications in the various subject-matter packets contain recommendations on the use of DDT.

PLEASE DISREGARD ALL THESE RECOMMENDATIONS AND INFORM YOUR STUDENTS TO DO LIKEWISE.

JWM

Crop Seed Samples. All sets of crop seed samples that have been ordered this winter will be sent the first part of March. Please open them promptly and notify us if any vials are broken in shipment so we can replace them.

We have a few additional sets left. A complete set of 30 is \$4.75 plus postage.

RLC

Twenty-Second Illinois Custom Operators Training School. This 244-page manual contains 50 presentations on current weed, insect, and disease problems. A single copy was included in the March Agricultural Releases. Additional copies are available at \$2.00 per copy.

RLC

Illinois Fertilizer Conference Proceedings. Due to a mistake in assembling, this manual was omitted from last month's Agricultural Releases. Additional copies are available at \$1.00 per copy as long as the supply lasts. A single copy was included in the March Agricultural Releases.

RLC

1970 Vegetable Variety Recommendations--H-661. This 24-page booklet reports the results of the 1969 vegetable and small fruit variety trials and gives the current recommended varieties to grow for the coming growing season. It was included in the February Agricultural Releases but was not reported at that time.

RLC



Meat, Milk, and Poultry Judging Contests will be held at the U. of I. campus on Saturday, March 21, starting at 10 a.m. Please register at the Stock Pavilion in time for your contestants to be at their respective places before judging time.

Please note that the poultry contest is held at this date also. This is different from past years. Please do not get confused with past experiences and bring your poultry team on a wrong date.

Results of the Meat and Milk contests will be announced that day. Poultry cards will need to be scored on IBM machines, so will be held until after the May 2 contest and scored with the Livestock, Dairy, and Crops cards. Those results will be forthcoming about May 10-15.

The parking meters and the reserve parking signs on the south campus are not in effect on Saturday. You may park in any spots available on Pennsylvania Avenue or Stock Pavilion Road without paying.

WHW

1970 Illinois Pork Industry Day will be held at the U. of I. Auditorium on March 10. The morning session includes reports by the Swine Division on cooked soybeans for swine, aeration of swine wastes, and a lawyer's interpretation of air and water pollution by swine farmers. The afternoon session includes presentations on nutrition of gestating and lactating sows, vitamin E and selenium needs in swine rations, and a report by the president of the American Hog Company of Wiggins, Colorado. All teachers and students are welcome to attend.

GRC/WHW

The Annual Illinois Duroc Breeders Spring Show and Sale will be held in Seneca's FFA Sale-barn on March 16. The show will be held at 10:00 a.m. and the sale at 1:00 p.m. Howard Parrish of Mount Pelier, Ohio will be the auctioneer, and Byron Simpson of Hamilton, Missouri the judge.

Over 70 head of Duroc hogs will be auctioned--thirty boars and 40 gilts. Sale catalogs will be available from Mr. Laverne Weller of Dwight. Entries will come from registered Duroc herds from all parts of Illinois. All area residents, 4-H and FFA members are invited to attend. Seneca FFA President, Rich Petges, and his committee members will act as hosts to the Illinois Duroc Producers.

SJ/WHW





division of  
agricultural  
education  
  
college of  
education

University of Illinois



Graduate Assistantship Applications. Persons who wish to apply for graduate assistantships in agricultural education for 1970-71 should submit their applications by March 31, 1970. Forms may be obtained from the Division of Agricultural Education, 357 Education Building, University of Illinois, Urbana.

PEH

Central States Seminar. Members of the Agricultural Education Division staff attended the Central States Seminar on Agricultural Education in Chicago, February 16-19, 1970. Teacher educators, supervisors, and cooperating teachers from thirteen states in the Midwestern United States were in attendance. The seminar theme was "New Frontiers in Agricultural Education."

PEH

Agricultural Education Club, University of Illinois. The Agricultural Education Club is a student organization devoted to providing leadership training for students in the agricultural education curriculum. Its purposes are to: (1) foster a professional attitude toward the teaching of agricultural occupations, (2) prepare students for intelligent and capable service in the field of agricultural education, (3) encourage closer cooperation with other groups in education and agriculture, (4) promote better student-faculty relations, and (5) acquaint the members with problems of the teaching profession.

A few of the activities which the Agricultural Education Club sponsors are: (1) Farm Mechanics Skills Contest; (2) Public Speaking Contest; and (3) food stand at Illinois FFA Foundations Award Day.

Club officers for the 1970 Spring Semester are:

President - Ronald D. Jones  
Vice-President - David Mealiff  
Secretary - Harold M. Loy  
Treasurer - James S. Foster  
Reporter - Larry Hills  
Ag. Council Rep. - Richard A. Hanes

MS

Community College Visitation Day. The College of Agriculture held a visitation day for community college transfer students on Thursday, February 12. A group of students from five different junior colleges with a major interest in Agricultural Education were guided by Dr. Robert W. Walker on a tour of the College of Education agricultural facilities. These men visited with the agricultural education staff and learned about the teaching options which permit each prospective teacher to specialize in his or her major area of agricultural interest. RWW



Student Teachers for Spring Semester. Eleven seniors will be student teaching during the period, March 30 - May 15, 1970. Student teacher assignments have been made to Beason, Cissna Park, Lawrenceville, Paxton, St. Joseph-Ogden, Toulon and Warsaw high schools. Names of student teachers, their home high schools and their agriculture teachers are as follows:

<u>Student Teacher</u>	<u>Home High School</u>	<u>Agr. Occup. Teacher</u>
Robert Wolf	Bardolph	John Garrison
Calvin Twenhafel	Marissa	Don Hobbs
David Simms	Albion	Steve Pollock Henry Hendren
Charles Specht	Raymond	Jerry Crump William Doerr
Bruce Henrikson	Athens	Herman Gardner
Robert Bidner	Mahomet	Kenneth Knell
Philip O'Bryan	Tuscola	Wendell Schrader
Gary Richards	Casey	Donald Boyer
James DeWeerth	Farmington	Stephen Kingry
Dale Law	Pleasant Hill	Willis Woods
Larry Gleckler	Griggsville	Donald Toepke

PEH

Alpha Tau Alpha. The officers for the Alpha Chapter of ATA for the spring semester, 1970 are as follows: President, George Hiler; Vice-President, Robert Scherer; Secretary, Gregory Lee; Treasurer, Rich Hanes; Reporter, Frank McNutt; Agricultural Council Representative, Gary Kuhns.

The ATA is organized to help train teachers of agriculture by promoting the highest ideals and standards of agriculture education and to encourage closer relationship with individuals who have chosen the profession of teaching agriculture. Chapter activities planned for the spring semester include regular monthly meetings, initiation banquet, serving lunch at FFA Award Day, and a chapter picnic.

DLW



# S O U T H E R N   I L L I N O I S   U N I V E R S I T Y

C A R B O N D A L E

I L L I N O I S

School of Agriculture



Agricultural Industries Department

The following 18 men are now doing their student teaching in the designated schools and will be teaching until March 18:

<u>Name</u>	<u>Graduated from:</u>	<u>Student teaching at:</u>	<u>Cooperating teacher:</u>
Bennett, Harvey	Sumner	Olney	William Washburn
Boma, John	Piper City	St. Elmo	Richard Lowe
Brumitt, James	Shawnee (Wolf Lake)	Joppa	Clarence Cox
Frank, James	Sparland	Shawnee (Wolf Lake)	Milton Jung
Godke, James	Kewanee	St. Elmo	Richard Lowe
Hendrix, John	Bement	Eldorado	Richard Sutton
Hiatt, Richard	Watseka	Salem	Kenneth Poole
Jensen, James	Lincoln-Way	Vandalia	Max Grinnell
Knisley, Verlyn	Monticello	Pinckneyville	Louis Templeton
Kraft, Larry	Freeburg	Columbia	Walter Monke
Pepple, Jerry	Bluford	Clay City	Kent Saxe
Peterson, Glenn	Morrison	Red Bud	Allan Strieker
Raben, James	Ridgway	Red Bud	James Pflasterer
Raben, William	Ridgway	Joppa	Clarence Cox
Schertz, Thomas	Manteno	Mt. Carmel	John Hillison
Schnarre, Paul	Nokomis	Vandalia	Max Grinnell
Schrader, Dan	Bridgeport	Olney	Bobby Whittington
Winans, Dan	Chrisman	Salem	Robert Cone

RAB

The SIU School of Agriculture will offer the following courses in Agricultural Education from June 29 to July 17:

Ag. Industries 485--3 hrs. Principles and Philosophies of Vocational and Technical Education

Ag. Industries 525--3 hrs. Interrelated Cooperative Vocational and Technical Programs

From June 22 to July 17:

Ag. Industries 512--6 hrs. Structured Internships in Ag-related Occupations

Agriculture Courses - June 22 to July 17:

Ag. Industries 456b--2 hrs. (Livestock Marketing)

Plant Industries 419--4 hrs. (Advanced Forage Production)

Courses in Readings and Special Problems are also available.

RAB

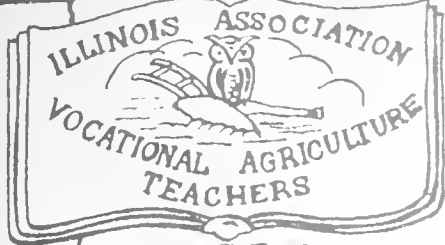


The SIU School of Agriculture has had plans finalized and approved to begin a program of Agricultural Education and Development in Brazil in cooperation with the Federal University at Santa Maria. A staff of 7 or 8 men will go the first year beginning July 1, 1970. William Doerr, Agricultural Education, will be project leader and he will go at an earlier date. A speaking knowledge of Portugese is required.

RAB







Dedicated To The Education  
Of Rural America  
Affiliated With I.V.A.-A.V.A.-N.V.A.T.A.

# I A V A T NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

## News from your Executive Secretary--

Each of you experienced the first day of teaching agriculture just as I did in February 1952. Today, on February 16, 1970, I relived that experience in another capacity. My first day on the job as your executive secretary presented mild confusion and frustration. I reported to my new office and was immediately confronted with an empty desk and drawers. Realizing I could not accomplish any work with this situation, I drove to Peoria and purchased a typewriter. Arriving back in my office I could not familiarize myself with the machine until I could supply myself with paper, and other office supplies. I now have paper, pencils, rulers, scotch tape and other items so necessary to an office worker. I now await your assignments.

The executive committee met with me on February 14 and approved the location for the office. I may be contacted at 204 Husseman Street, Roanoke, Illinois 61561. The office telephone is: 309-923-2911, Ext. 29. The office is located in the Besser Industries, Inc. office complex and the calls will be answered by their switchboard operator with: Besser Industries. Simply ask for me or the IAVAT. In the event I am away from the office she will take all messages. This is a service provided by Besser Industries to the IAVAT. One other item of information--Husseman Street and Route 116 are the same. 204 Husseman is located two blocks west of Main Street on Route 116. The office will be open until Saturday noon. The executive committee will give further direction as to actual office hours at a later meeting. My home telephone is 309-923-3191 and I may be reached at this number after normal office hours.

We know that agriculture education has played a dynamic role in the progress of our country and we are aware of the role it must play in the future. Yet we are being challenged as to the importance of agriculture in the educational curriculum of our schools. How unfortunate that this challenge comes from the rural communities where agriculture has done such a tremendous job since 1917. To many of you this challenge is a frustrating experience and one with which it is difficult to cope. Let's consider this challenge an opportunity--an opportunity to portray our values in the truest sense. No other program can match your success in the area of vocational education or youth groups. Your success is displayed by each farmer as he continues to use his agriculture training to make agriculture our nation's great asset and its contribution to the solving of the world's problems.

As I move about the state I am told that agriculture is fading. Not a direct report from the teachers of agriculture occupations but they repeat what they are told by administrators, board members and lay people in the community. If agriculture is fading in your community, then your image is showing. We certainly do not need pessimistic teachers among our ranks. We need to be aware of the future of agriculture education and be prepared to discuss intelligently the question of fading agriculture. We are making a serious mistake if we do not shoulder the responsibility for our own image. We were and are so convinced of the value of our program we fail to keep others informed. We know the value of time spent in



teaching leadership and the assuming of responsibility to our FFA. But others only see the end result, the abundance throughout our State and the leadership efficiency of our youth. To others this has always been--a continuum. We failed to insist they learn the facts. We are quick to defend but we do not defend with proper reasoning.

We failed to inform those who make policy--our administrators and school boards. I believe that some policy makers have looked upon the generalities of the State Plan as an opportunity to tear down agriculture in an attempt to improve other areas of vocational education in their curriculum. Jealousy can be a vicious, gnawing sickness but this is a challenge you must accept. I believe we deserve some criticism because we have been slow to change direction--to redirect our program. If we are to reverse the fading agriculture image we must concentrate our efforts with the same vigor we have used in the past to the agri-business occupations. I believe we must tighten our belts and insist on a new look in agriculture. Optimism must be the keyword.

You do not stand alone in your dilemma. We are extremely fortunate to have the NVATA and its support. They have joined forces with other organizations and agri-businesses to combat the fading image. It is unfortunate that many are not aware of the job being done by NVATA. I hope to devise a communications system that will keep you informed. Now that IAVAT has an executive secretary I intend to work, cooperate, and join forces on a state level with organizations and agri-businesses to present the proper image of agriculture. But the image is on the local level and I need your support. The results of national and state activities are slow to reach the grass roots. You must help yourself. We cannot afford a letdown.

I must have your support in many ways and often. First, I need your support through membership in your state organization--the IAVAT. No longer must we be satisfied with 60% or 98%. We must join the ranks of the 100% state professional organizations. Partial membership will not sell state programs or local programs. How can I be of service to you if you do not believe in your organization enough to belong? How can I help when you do not help me? I'm not asking for newsletters from your section--I want your thoughts, your programs, your successes. I want you.

Second, I need your support through letters, telephone calls, invitations to your community, and your success stories. I need your time and your thoughts and I need them each day for as long as this office exists. Without your support I am only one man, standing alone, and without your support the office will not exist. I believe in this office enough to gamble with my career and family. I believe in agriculture, vocational education, and you. I do not intend to fail. Do you believe in this office and me enough to give me your support? I need the support of the associate members and, beginning next week, I intend to visit each University and seek this support. I need the support of the State Office and I definitely need the support of agri-business. With your permission and your membership I intend to represent you to the State of Illinois.

We are facing a new challenge. We have moved from the darkness into the sunlight. We must now cast a shadow. We must be aware of our importance to education and cause this awareness to become evident in others.

Eldon E. Witt



## A DARE TO BE PERSISTENT

By Fred Russell  
District III Director

It is somewhat difficult to put a challenge on paper. As a newly elected director of the IAVAT, I firmly feel that your officers are conscientiously trying to share their load. That load is the fulfilling of the desires of the membership.

At our last annual meeting the membership voted to employ an Executive Secretary, and to set the dues to finance this venture. The thinking was that this will improve the image of agriculture, the teacher of agriculture, and the vast public he serves.

Well, gentlemen, as of Monday, February 16, we have this Executive Secretary. We have an office rented, and he is set to go! I believe that we have the right man. It is said that "a good leader inspires other men with confidence in him; a great leader inspires them with confidence in themselves."

The entire history of our organization might be told as a trial-and-error record of finding out which things we can best do on our own initiative, for our own private ends, and things we must do together for common ends. The number of accomplishments of this organization, in an effort to hit some right balance between man's independence and man's interdependence probably exceed those of most other organizations.

We need good leadership, and we have it. We need confidence in ourselves, and above all we need to be persistent. "When you feel that being persistent is a difficult task, think of the bee. A red clover blossom contains less than one-eighth of a grain of sugar; 7000 grains are required to make a pound of honey. A bee, flitting here and there for sweetness, must visit 56,000 clover heads for each pound of honey; there are about 60 flower tubes to each clover head. When a bee performs that operation 60 times 56,000 or 3,360,000 times, it secures enough sweetness for only one pound of honey."

Let us dare to be persistent! Persistent in carrying out our daily tasks as teachers of agriculture, persistent in maintaining the status of agriculture, and persistent in striving to obtain the goals of the Illinois Association of Vocational Agriculture Teachers.



REVISED LISTING OF IAVAT COMMITTEE ASSIGNMENTS, 1970-71

Executive Committee

E. L. Bosomworth, Olney Central College, President  
Charles Harn, Fairview, Vice President  
J. W. Berger, Charleston, Secretary-Treasurer  
Charles Pearson, Toulon, District 1 Director  
Roland Meyer, Cissna Park, District 2 Director  
Fred Russell, Canton, District 3 Director  
Lowell Hillen, Champaign, District 4 Director  
Cedric Gowler, Centralia, District 5 Director  
Eldon Witt, Roanoke, Past President

Resolutions, E. L. Bosomworth

Joe Hall, Granville  
Alfred Herstrum, Burlington  
James Balzer, Liberty  
L. E. Wells, Mt. Zion, Chairman  
Pete Borah, Gorham

Judging Contests, Fred Russell

Royal McCormick, Rock Falls  
Eldon Chapman, Herscher  
Arley Van Doren, Piasa, Chairman  
John Smith, Georgetown  
Robert Heavner, Valmeyer  
W. H. Witt, U of I  
O. C. Floyd, State Office

State Fair, Fred Russell

Floyd Worhley, Cambridge  
Audrey Wagner, Crescent City, Chairman  
Albert Liehr, Manito  
Don Boyer, Casey

Legislative, E. L. Bosomworth

Keith McGuire, Polo  
Burdette Graham, Macomb  
Chester Seibert, Edwardsville, Chairman  
William Martinie, Illinois Central College,  
East Peoria  
Robert Walker, U of I

Ag. Ed. Advisory, Charles Pearson

Carl Reynolds, Warren  
Fred Morris, Mendota  
Robert Albers, San Jose, Chairman  
Richard Long, Roberts  
Milton Jung, Wolf Lake

Vo-Ag Service Advisory, Charles Pearson

Clifford Sichta, Lanark  
Howard Cotter, Flanagan  
Mervin Mixer, Nauvoo, Chairman  
John Beaty, Martinsville  
John Hillison, Mt. Carmel  
Don Barrett, McHenry Co. College,  
Crystal Lake

FFA and FFA Foundation, Fred Russell

Wayne Sampson, Illinois Central College,  
East Peoria, Chairman  
Robert Daniel, Waterman  
Arthur Eicken, Carrollton  
Max Foster, Illinois Central College,  
East Peoria  
Phillip Gill, Carlyle

Special Projects, Charles Harn

Albert Ticken, Dixon, Chairman  
George Irvine, Tonica  
Dean Jensen, Pleasant Plains  
Bill Renoud, Mt. Auburn  
Pete Borah, Gorham  
A. L. Utech, State Office  
J. H. Herbst, U of I  
Hollie Thomas, U of I

Newsletter

E. L. Bosomworth, Olney Central College  
Eldon Witt, Roanoke

Curriculum Study, Charles Pearson

Bill Cinnamon, Brimfield  
Grover Burkett, Southeastern Junior  
College, Harrisburg  
James Trotter, Warsaw, Chairman

IVA Program

E. L. Bosomworth, Olney Central College  
Charles Harn, Fairview

Public Information, Roland Meyer

John E. Shields, Jr., Shannon  
Jack Niles, Shabbona, Chairman  
Don Toepke, Griggsville  
Don Prather, Clinton  
Claren Hosselton, Kinmundy  
G. D. Coil, State Office





IVA Representative

Eldon Witt, Roanoke  
E. L. Bosomworth, Olney Central College  
Chas. Harn, Fairview

Banquet, Lowell Hillen

Kyle Wittler, Tolono  
Gordon Combs, Catlin, Chairman  
John E. Smith, Bismarck

Research, Lowell Hillen

John Olson, Kirkland, Chairman  
Robert Williamson, Hamilton

IAVAT Education Exhibit, Cedric Gowler

Allen Hornbrook, Paris  
Russell Lewey, Rantoul  
Roger Behrends, Teutopolis  
Paul Hemp, U of I, Chairman

IAVAT Awards, Lowell Hillen

Steven Myers, Lewistown  
Harold Drake, Waterloo  
Talmadge Wimer, Abingdon, Chairman

Professionalism Committee, Roland Meyer

Randall Peterson, Chadwick, Chairman  
Lester Finder, Marengo  
Frank Barbre, Lawrenceville

IVA Commercial Exhibits, Cedric Gowler

Robert Brown, DeKalb  
William Hills, Naperville

Agri-Business Relations Committee, Roland Meyer

W. C. Brokaw, Geneseo, Chairman  
Lanny Anderson, Black Hawk East College,  
Kewanee  
Frank Young, Washington  
Hermit Esarey, St. Joseph  
Bob Murry, DuQuoin

Teacher Recruitment Committee, Eldon Witt

Eldon Aupperle, Black Hawk College, Kewanee  
Larry Lowe, Normal  
Lee West, Mt. Pulaski  
Charles Schettler, Wapella  
Robert Cone, Salem  
Paul Hemp, U of I, Chairman  
Kenneth James, ISU  
Ralph Benton, SIU  
Max Foster, Illinois Central College,  
East Peoria  
J. W. Matthews, U of I  
G. D. Coil, State Office  
Warren K. Wessels, U of I  
Artie Tenhouse, FFA President

Junior College Commission, Charles Harn

E. L. Rice, Sauk Valley College, Dixon,  
Chairman  
Tom Hainline, Danville Junior College  
John Baker, Olney Central College  
Robert Liehr, Morrison  
Maurice Sprout, Fairbury  
Fred Russell, Canton  
Robert Rohlfing, Paxton  
Grover Burkett, Southeastern Junior College,  
Harrisburg



(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	<u>Item</u>
_____	\$4.75	_____	Complete set(s) of 30 crop seed samples
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

\*\*\*

Name \_\_\_\_\_ School \_\_\_\_\_  
Address \_\_\_\_\_ Zip Code \_\_\_\_\_  
Billing \_\_\_\_\_

(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

I wish to enroll in the one-day course on Inert gas welding and other new developments,  
to be held on Saturday, April 11, at Illinois Central College, East Peoria.

Signed \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_



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PRICE LIST OF FEEDS<sup>1</sup>

Prices for some of the feeds used in supervised experience programs are listed below for students obtaining their feed at home. Purchased feeds can be recorded at prices paid.

Kind of feed	Feb., 19
Corn, shelled, bu. . . . .	\$ 1.16
Corn, ground shelled or ear corn, bu. . . . .	1.26
Oats, bu. . . . .	.60
Oats, ground, bu. . . . .	.70
Barley (feed), bu. . . . .	.85
Barley, ground or rolled, bu. . . . .	.95
Grain sorghum, cwt. . . . .	1.80
Grain sorghum, cracked, cwt. . . . .	1.90
Whole milk, mg. grade, cwt. . . . .	4.50
Corn silage, ton . . . . .	9.50
Sorghum silage, ton . . . . .	8.50
Haylage, ton . . . . .	15.00 <sup>2</sup>
Clover and mixed hay: All hay and straw prices . . . . .	23.50
Alfalfa . . . . . are for baled figure . . . . .	25.50
Oat or wheat straw . . . . . loose at \$5 less per ton . . . . .	15.00

<sup>1/</sup> Prepared in cooperation with the Department of Agricultural Economics.

<sup>2/</sup> Or convert to dry hay equivalent containing 90 percent dry matter.





Volume 28, Number 2

April 1970

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State of Illinois  
 BOARD OF VOCATIONAL EDUCATION AND REHABILITATION  
 Vocational and Technical Education Division  
 405 Centennial Building  
 Springfield 62706

April 1970

Vocational Agriculture Dates and Activities to Remember

		<u>Time</u>	<u>LAVAT</u> <u>Director in Charge</u>
April 8	District FFA Public Speaking Contests		
	Dist. I Geneseo HS	6:00 p. m.	Charles Pearson
	Dist. II Plano HS	6:00 p. m.	Roland Meyer
	Dist. III Applied Sciences Bldg. Western Ill. University	6:00 p. m.	Fred Russell
	Dist. IV Tolono HS	6:30 p. m.	Lowell Hillen
	Dist. V Rm. 234 Agr. Bldg. Southern Ill. University	6:30 p. m.	Cedric Gowler
April 15	State and American Farmer Applications to State Office, Springfield		
April 18	State FFA Foundation Awards Meeting, Urbana		
April 25	State FFA Extemporaneous Public Speaking Finals and Preliminary State FFA Prepared Public Speaking, Springfield		
May 1	Completed FFA Program of Work to FFA Sectional President		
May 2	IAVAT State Vocational Agriculture Livestock, Dairy and Crops Judging Contests, Urbana		
June 1	Annual FFA Report to State Office, Springfield		
June 16-18	Annual State FFA Convention, Urbana		
Aug. 10-12	Annual Conference of Agricultural Occupations Instructors, Urbana		
Aug. 15	Applications for Jr. College Scholarships to Foundation Committee		



# VO-AG SERVICE

## Announcements & Notes

Telephone - Area 217 - 333-3870

New Bulletins and Circulars. Two new circulars were released this past month and copies were included in April Agricultural Releases. They are as follows:

Circular 1007, Meat Quality, 50¢

Circular 1014, Illinois Fruit Calendar for Growers of Apples, Peaches, 10¢

Circular 1007 was prepared for educators, processors, retailers and producers. It is well illustrated, partly in color, and is available on a sale basis only. The price on Circular 1014 is for quantity distribution out of state. Illinois high schools can obtain quantities in the usual manner through our office.

JWM

Report of Illinois Farm Electrification Council. A copy of the 1969 annual report of the Illinois Farm Electrification Council is enclosed in copies of the April Releases going to Illinois subscribers. Teachers will be particularly interested in the report of the Vo-Ag Committee that works with the motors and controls kits, provides award banquets on a district basis for Chapter FFA electrification award winners, a dinner for the newly elected FFA state and sectional officers, etc.

JWM

Caterpillar Publication. Through the courtesy of the Caterpillar Tractor Company, a copy of a publication entitled "What is Optimum Replacement Time for Farm Equipment" was included in the April Agricultural Releases. This publication was previously reviewed by our IAVAT advisory committee and they recommended that it be sent. Additional copies may be obtained in reasonable quantities for class use without charge by writing to Agricultural Market Coordinator, Advertising Division, Caterpillar Tractor Company, Peoria 61602.

JWM

Tractor Safety Visuals. This set of 40 transparencies on tractor safety was included in March Agricultural Releases. This was Vocational Agriculture Service's first attempt at printing with the offset press on .003 mm trycite plastic. Each visual includes one 8½ x 11" transparency, one 8½ x 11" white copy or master with text or explanation on the back, and one 8½ x 11" brown Kraft paper copy. The Kraft paper was used at printing time to separate plastic sheets and keep them from sticking together. This paper has now served its purpose and may be discarded if you so desire after receiving your set. The visuals are included on the tear sheet in the back of this issue of the AIDS, priced at \$2.10 per set, plus postage.

JWM

Sample Grain Rings for Judging. This is a repeat of our earlier announcement that the Field and Furrow Club has made up new grain judging rings this year. Each ring of corn, soybeans, oats, and wheat consists of four 8-ounce samples with official placings and reasons.

The complete set of four rings sells for \$7.50, plus postage. Charges can be placed against your open account. This item is listed on the tear sheet for those who may wish to order.

RLC

An Outline for Teaching Conservation in High Schools. This booklet was secured from the Division of Conservation Education and a copy was included in April Releases. Additional copies are available for sale by writing to the U. S. Government Printing Office, Washington, D. C.

RLC

AIDS, April 1970



Engine Analysis Kit Schedule. The schedule for the remainder of the school year is shown below. Please let us know if you note any errors or changes.

<u>Section</u>	<u>H</u> <u>Apr. 6-24</u>	<u>I</u> <u>May 4-22</u>
1	Winnebago Lena	Freeport Galena
2	Franklin Grove	***
3	Annawan	Taylor Ridge
4	Biggsville	Oneida
5	Roanoke	***
6	***	McHenry
7	Earlville	Sandwich
8	Newark	Yorkville
9	El Paso	Chatsworth
10	Reddick	Cissna Park
11	Colchester	Augusta
12	Mackinaw	Morton
13	Barry	Liberty
14	Williamsville	***
15	Waverly	Girard
16	LeRoy	Ellsworth
17		Clinton
18	Chrisman	Tuscola
19	Nokomis	Catlin
20	Oblong	Stonington
21	Sandoval	Windsor
22	Lebanon	Beecher City
23	St. Francisville	Ramsey
24	Tamaroa	Alton
25	Golconda	Louisville
		Dongola
		Cave-in-Rock

NOTE: \*\*\* means kit is scheduled to a school from another section.

JWM

Soil Samples of Known Soil-Test Value. This is a repeat of an earlier announcement that the Field and Furrow Club has made up new soil samples this year. They are used as a check to test accuracy in soil testing. They are about a pint in size and sell for \$10.00 per set of six samples, plus postage. The range in soil test value is as follows: pH 4.6 - 6.5, P<sub>1</sub> 15 - 85; P<sub>2</sub> 25 - 120 lbs.; and K 195 - 280 lbs. Flame photometer readings are also given (range 163 - 280). This item is listed on the tear sheet.

RLC

Illinois Resource Management. Four booklets were secured from the Division of Conservation Education by Mr. O. C. Floyd and were included in the April Agricultural Releases. They are as follows: Teaching Mineral Conservation, Teaching Water Conservation, Fish Conservation, and Forest Conservation. Additional copies are available for classroom use on a limited basis by writing directly to the Division of Conservation Education, Springfield, Illinois 62706.

RLC





Arbor Day Packet. Through the courtesy of Dr. J. B. Gartner, Head of the Division of Ornamental Horticulture, a packet of materials on Arbor Day is available on request to Illinois teachers. This packet is provided by the International Shade Tree Conference and contains the following material:

- (1) A sample program for Arbor Day observance
- (2) Two Wall Charts: What We Get From Trees  
How a Tree Grows
- (3) An illustrated booklet: The Wonderland of Plants

Dr. Gartner also makes the following suggestions:

"Each year Arbor Day is celebrated on the last Friday in April. We hope that you will be able to establish an Arbor Day program at your school. We suggest that you contact your local nurseryman and encourage him to participate in your program. He may be willing to furnish a tree to plant at your school as a memorial. It would also be a good demonstration for your class."

If you wish a set of this material please fill out and return the tear sheet request form in the back of this issue of the AIDS.

RLC

The Wonderland of Plants. This publication, included in the Arbor Day packet mentioned above, is available in quantity at no charge other than postage as long as the supply lasts. It is intended for use with grade school or junior high students and is slanted toward interesting them in ornamental horticulture. It is included on the tear sheet order form.

RLC

Entomology NHE Fact Sheets. Since some teachers requested a different breakdown on the partial sets of the NHE Insect Sheets, the Entomology Division has asked us to announce their availability as follows:

The NHE Fact Sheets describe the life history, habits, and damage caused by various insects. There are about 125 insect pests described that affect field crops, vegetables, fruit, and ornamental crops, as well as household and live-stock pests. The complete sets are available at \$3.50 each, plus postage. Partial sets are available as follows--

Field Crops Insects	\$ 1.70
Fruit and Vegetable Insects	.50
Livestock Insects	.20
Household and Ornamental Insects	1.10

Send orders directly to Roscoe Randell, 282 Natural Resources Building, Urbana 61801. Schools will be billed by the College of Agriculture. Response to the first announcement has been very good.

RLC



Subject Matter Units. Four new subject matter units were sent out to advance order subscribers last month. They were:

VAS 1043 - Silage as an Animal Feed, 8 pgs.	10¢
VAS 3031 - Tires for Farm Equipment, 20 pgs.	25¢
VAS 3032 - Electrical Fundamentals Useful in Engine Analysis, 20 pgs.	25¢
VAS 3033 - Spot Welding for Agricultural Mechanics Shops, 12 pgs.	15¢

If you have an advance order for subject-matter units and did not receive this shipment, please let us know immediately so we can contact United Parcel Service.

Additional copies are available at the prices quoted. They are listed on the tear sheet in the back of this copy of the AIDS for your convenience in ordering.

WHW

Judging Contests. The livestock, dairy, and crops judging contests will be held on Saturday, May 2, starting at 10 A.M. Registration will be at the Voc. Agr. Service Instructional Materials Center on the South Farm from 8 to 10 A.M. Please plan to arrive and register your teams as early as possible (9:00 o'clock or before) and avoid the traffic jam at the building.

PLEASE NOTE that the poultry judging contest was held with the meat and milk judging contests last March 21 and WILL NOT be held with livestock, dairy, and crops as in previous years.

If you have any questions on any of these contests, consult your 1970 Judging Rules or notify Vocational Agriculture Service. If you did not receive a set of rules or have misplaced your set, please let us know and we will send you another set.

WHW

In-Service Welding Class. This is a reminder about the one-day class on inert gas welding and other new developments which will be held on Saturday, April 11, at Illinois Central College, East Peoria. The class will meet from 8:30 a.m. until 3:30 p.m. Twelve teachers have enrolled so far. There is still room for a few more so send in the enrollment form found in the back of this issue of the AIDS if you are interested.

RFE



Meat, Milk, and Poultry Contests. Fifty-five schools participated in the judging contests on Saturday, March 21. The superior teams and individuals in Meat and Milk contests are as follows:

#### MEAT

##### Superior Teams

980 - Shelbyville  
941 - Petersburg  
932 - Jamaica (Sidell)  
889 - Harvard  
888 - Chatsworth  
876 - Sycamore  
874 - Farmer City

##### Superior Individuals

342 - Jesse Durbin, Shelbyville  
333 - Steve Howell, Chatsworth  
326 - Russell Pusey, Sidell  
323 - Mark Satorius, Petersburg  
322 - Lyle Flesner, Shelbyville  
321 - Jerome Vondra, Warren  
321 - James Hankes, Kaneland  
319 - Tom Hieronymus, Farmer City  
316 - Paul Tice, Shelbyville  
316 - Ken Burton, Harvard

#### MILK

##### Superior Teams

116 - Shelbyville  
164 - Orangeville  
206 - Pearl City

##### Superior Individuals

32 - Dennis Hicks, Shelbyville  
42 - David Flesner, Shelbyville  
42 - David Kensil, Shelbyville  
48 - Joel Scheider, Orangeville  
51 - Mark Nagerkurth, Geneseo  
51 - Merlyn Foat, Pearl City  
52 - David Babler, Orangeville  
58 - Kevin Folk, Milledgeville  
58 - Gary Bressner, Pontiac  
61 - Jim Fewell, Minonk

In Milk judging, zero is the perfect score.

Cards for the Poultry Contest were prepunched for IBM scoring, so will not be scored until after the Livestock, Dairy and Crops Contests on May 2. The results of Poultry judging will be forthcoming about May 10 with the results of the other three.

WHW



division of  
agricultural  
education

college of  
education

University of Illinois



Votec 276-277. The second part of a two-part course for teachers who have not had methods and student teaching and who wish to meet certification requirements for teaching agricultural occupations in Illinois' secondary schools and junior colleges will be conducted during the second four weeks of the summer session. The course will be listed in the University records as Votec 276, Student Teaching.

Teachers wishing to enroll in the course should contact Dr. Robert W. Walker, 356 Education Building, University of Illinois at Urbana-Champaign, Urbana, Illinois 61801.

RWW

Dr. William Hamilton to Teach at Summer Session. Dr. William H. Hamilton, Assistant Professor of Agricultural Education at Purdue University, will serve as a visiting professor at the University of Illinois at Urbana-Champaign this summer. Dr. Hamilton taught vocational agriculture in Iowa and received his Doctorate degree from Cornell University prior to joining the Purdue staff. He will teach Votec 473, Vocational Education in Agriculture for Adults, during the first four weeks of the summer session.

HBT

Placement Information. Douglas Patterson, who has been serving as placement consultant for agricultural education has recently been employed as Assistant Professor of Agricultural Education at the University of Florida. Inquiries about job opportunities should be directed to Mr. Everett Harris, 353 Education Building. His phone number is 333-3037.

PEH

New Graduate Assistants for Spring Semester. Bennie Byler is a native of Arkansas. He received his B.S. degree in agricultural education from Arkansas State University, M.S. degree from the University of Arkansas, and taught vocational agriculture in Arkansas for three years. More recently, he served as agriculture instructor at Fort Hays Kansas State College. He is a half-time graduate assistant working on a Doctor of Education degree in Agricultural Education.

Gabriel Atanda is from Shaki-Oyo, Nigeria. He recently received his B.S. degree in agricultural education from the Agricultural, Mechanical and Normal College, Pine Bluff, Arkansas.

Mr. Atanda is presently a quarter-time graduate assistant, and candidate for the Master of Education degree in Agricultural Education.

PEH





ATA Initiates. The Alpha Chapter of Alpha Tau Alpha at the University of Illinois held its annual banquet and initiation on March 22, 1970. Mr. John Todd, agricultural education staff member, and Mr. Dorr Simer, agricultural occupations instructor, Beason, Illinois, were awarded honorary memberships in the organization. The following students were initiated into active membership of the National Professional Honorary Agricultural Education fraternity:

Robert C. Bidner  
James I. Ethridge  
James S. Foster  
Larry A. Hills  
James S. Jones  
Harold M. Loy

David F. Mealiff  
William A. Ritter  
George F. Shearer  
Walter S. Swearingen  
David A. Trent  
William J. Willis

DLW





## AGRICULTURAL EDUCATION NEWS

Student Teachers for Second Semester. Twenty-seven student teachers from Illinois State University will spend nine weeks of student teaching from April 6 to June 3, 1970. Names of the student teachers and other data regarding their agriculture occupations background follows:

<u>Student</u>	<u>Home High School</u>	<u>High School Agr. Teacher</u>	<u>Student Teaching Center</u>
Andris, Darrell	Saybrook	Albert Bain	Seneca
Benson, George	Yates City	N. H. Anderson	Wethersfield (Kewanee)
Bleuer, Robert	Minooka	Donald Morrissey	Pleasant Plains
Brinkmeier, Dana	Hoover - San Diego, Calif.		Dixon
Buck, Paul	Lockport		San Jose
Curtis, Ron	Northwestern	Kenneth Stevens	DeKalb
Danielson, Larry	Wyanet		Cambridge
Doubet, Donald	Williamsfield	James Guilinger	Kewanee (C.U.)
Frobish, Paul	Flanagan	Howard Cotter	Washington
Jones, William	Saybrook	Albert Bain	Polo
Kietzman, Richard	Onarga	Shelby Willis	Flanagan
Manahan, J. Duwayne	Normal	C. J. Kuster	Farmer City
Masten, Nyle	Virginia		Mt. Pulaski
McNabb, Robert	Paris	Dale Fathauer	Dwight
Moore, Kenneth	Monticello	Gene Buhrmester	Sycamore
Pennington, Dave	Cornell	Ken Eike	Sandwich
Roberts, W. Lyle, Jr.	Normal	C. J. Kuster	El Paso
Rolf, Steven	Beardstown		Oregon
Shaffer, Robert	McLean	Elmer MacIntire	LeRoy
Smith, Donald	San Jose	Robert Albers	Jacksonville
Taylor, Dale	Ashland	Alvin Brock	Litchfield
Tebo, Donald	Donovan	Dale Schlieper	Lincoln-Way
Urish, Paul	Mt. Sterling	G. J. Henrick	Mendota
Walker, Frank	Melvin-Sibley		Princeton
Wilson, Steve	Beason	Dorr Simer	Wapella
Windish, Paul	Elmwood	Larry Lowe	Maroa-Forsyth
Yoder, Daryl	Danvers	Joseph McGann	Kirkland

Dr. James L. McBee, Jr. was appointed Chairman of the Department of Agriculture at Illinois State University. Dr. McBee assumed his duties on January 1 and came to Illinois State University from West Virginia University.

Kenneth James, Reginald Henry, and Benton Bristol attended the Central States Seminar in Chicago February 16-19. Reginald Henry served as Recorder for the Thursday morning session and Kenneth James served as Chairman of the Tuesday afternoon session on "New and Exemplary Programs."

KEJ



# S O U T H E R N I L L I N O I S U N I V E R S I T Y

C A R B O N D A L E

I L L I N O I S

School of Agriculture



Agricultural Industries Department

The Agricultural Education curriculum at Southern Illinois University has been revised this year to permit more adequate specialization in an agriculturally related occupation for the student desiring to do so. Each major will be asked to declare for either production agriculture or an ag-related speciality. The following description will appear in the new 1970-71 University Bulletin.

## AGRICULTURAL EDUCATION

In agricultural education, completion of a four year course of study leads to certification as a teacher of agricultural occupations. A student has the opportunity of specializing in one of the following areas: agriculture business, agricultural mechanization, ornamental horticulture, plant production, soil conservation, parks and recreation, forestry and conservation, and animal production. Courses in both the School of Agriculture and the College of Education are included. A student may receive the Bachelor of Science degree and take at least part of the additional courses at the graduate level to qualify to teach.

### Bachelor of Science, School of Agriculture

#### General Studies (General University) Requirements

Recommended

Physics and Chemistry . . . . .	8 hours
General psychology . . . . .	4 hours
College algebra and trig. . . . .	3-10 hours
American government . . . . .	4 hours

TOTAL . . . . . 83

#### Requirements for the Major

	I <u>Production</u> (applied biology and agriculture)	II <u>Ag Occupations</u> (Specialization)
Agricultural Industries 204,350 (ag. econ) . . . . .	.12	9
Agricultural Industries 412 (ag. mechanics) . . . . .	.12	12
Animal Industries 121, 315 . . . . .	.12	9
Plant Industries 109, 301 . . . . .	.12	9
Option in Agriculture speciality <sup>1</sup> . . . . .	--	18
Other Agricultural electives . . . . .	.12	3
Other electives <sup>2</sup> . . . . .	.12	12
TOTAL . . . . .		.72

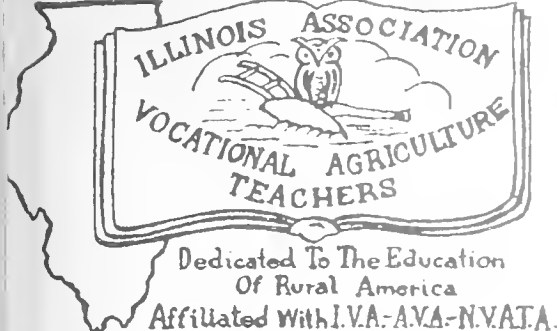
#### Professional Education Requirements

Agricultural Industries 210, 309, 312 . . . . .	18
Two of the following: Agricultural Industries 311, Education Administration 355, Guidance 422a, Instructional Materials 417, Technical and Industrial Education 408 . . . . .	7
Guidance 305 (Educational Psychology) . . . . .	4
Secondary Education 310 (Principles and History) . . . . .	4
TOTAL . . . . .	.33
<u>Elective</u> . . . . .	4
TOTAL . . . . .	.192

<sup>1</sup>Agricultural Occupations Speciality: The student may select one of eight agricultural speciality options for major emphasis. Presently these options include Agriculture Business; Agricultural Mechanization; Ornamental Horticulture; Parks and Recreation; Soil Conservation; Forestry and Conservation; Livestock/Small Animal Care; General Production Agriculture.

<sup>2</sup>These electives may be taken in the areas of guidance, occupational administration, extension, and special needs for greater breadth.





# I A V A T NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

## From the President's Pen---

Looking to the upper left corner of this newsletter you will find beneath the open book in the emblem, the words "Dedicated to the Education of Rural America."

Certainly IAVAT and its members are dedicated to this task. However, we are also dedicated to teaching those in the cities who may have interest in agriculture. It is for this reason that you may expect to see our emblem changed to read "Education for Careers in Agricultural Occupations." Our stationery, by action of the Executive Committee, now carries the change and our newsletter will be changed when our present supply is exhausted.

We hope that the new wording will give a better indication of our dedication to education for all careers in agriculture and not farming alone; that it will indicate our interest in city youth as well as rural youth; also, that it will show our concern for junior college activities.

In education for careers in agricultural occupations we will do much to continue the education not only of rural America--but all America!

Your attention is called to the NVATA Outstanding Young Member award. This award, sponsored by the U. S. Steel Corporation, is open to active members who have taught at least three years but not more than five years. The award consists of a certificate for the state winner. National winners will receive an engraved plaque and an expense-paid trip to the NVATA Convention in New Orleans in December of this year.

Essentially, the award is based on the applicant's vocational agriculture program, his innovative accomplishments, and his involvement in civic and professional activities.

Each chairman in the section has a copy of the rules and application form. Those interested may contact him or may request application blanks from the IAVAT president. Those with "too much" experience can encourage some of our younger members to apply.

Will Rogers has often been quoted as saying "I never met a man I didn't like." Paraphrasing a bit I can truly say "I never had a state supervisor who didn't help me."

Now we no longer have supervisors, but rather have consultants. A little reflection will cause us to realize that for years we have used these same men as consultants as much as they served as supervisors. Often they were hardly through the doorway before we started "pumping" them for ideas they had picked up in their visits to other departments, hopeful that we could gain an idea that would help us solve a problem. Probably more often we never recognized we had a problem but were simply interested in presenting the community with an effective total program. We counted on them because they were out in the field and were in position to give us help because we felt they were "in the know."

They say all good things must come to an end, and it seems this is no exception. We are encouraged to go to the doctor for regular checkups even though we may feel in fine condition. Perhaps the same applies to this situation--perhaps we need to ask the "doctor" to make a home call even though we feel our program is in fine condition.





Agricultural occupations teachers should be aware of the Rural Intersection project that is being developed. This is a very comprehensive and worthwhile program in which IAVAT and FFA are being asked to become involved. Many groups and organizations are participating. A representative of IAVAT will meet with the chairman in early April and hopefully more information will be available for the next newsletter.

Be alert for any information you may receive. This can be a good project for FFA in the areas of cooperation, community service, and public relations.

E. L. Bosomworth

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Sympathy to Dr. L. J. Phipps. Word has just been received of the death of Mrs. L. J. Phipps on March 19. We extend our deepest sympathy to Dr. Phipps and his family in their bereavement.

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#### IAVAT---ACTIONS AND REACTIONS

##### IVA Convention, March 12-14

It is unfortunate that more Agriculture Occupations Instructors did not attend the annual IVA convention. Charles Harn did a superb job in developing the program for Agriculture and I certainly congratulate Charlie on his choice of program. In studying the program of the other vocational disciplines I know their phases were just as profitable. The annual IVA convention is important to keep vocational education "up to date" and I urge you to place March 4-5, 1971 on your calendar and request permission now to attend. We cannot afford to be uninformed. Congressman Pucinski gave the address for the annual IVA banquet. Beginning with the Cleveland IVA convention this is the fifth time I have heard a major address by the Congressman. I must say I was just as impressed, just as enthused as I was in Cleveland. The Congressman is certainly a dynamic speaker and I believe honest and sincere in his remarks. We are fortunate this "Champion of Vocational Education" is from our State of Illinois.

Let's all attend the IVA convention next year and give our support to a total vocational education program in Illinois. If we are to help the average student in the hallway we must work together. During the IVA business session the IVA constitution was revised with very minor changes as printed in the Vocational magazine. Also, IVA dues were increased from \$.40 to \$2.00. This will not affect you as an individual as IVA is part of our package dues.

##### State Advisory Council

I had the good fortune to attend the State Advisory Council on March 6 in Chicago. They have a tremendous job ahead of them as they review and approve the State Plan prior to its mailing to Washington for Federal approval. During the IVA convention I received a copy of the Council's annual summary. Chairman Rupert Evans asked for suggestions.

Remembering that the Council must consider vocational education as it benefits all of the students of Illinois, it is important that we try to attend area reviews of the State Plan and indicate our suggestions at that time. Certainly, Chairman Evans is a national leader in vocational education and is interested in presenting Illinois with the best plan to benefit the most students. I urge your cooperation with this important Council. It can function as accurately and efficiently as the information it receives.



Robert Gray, chairman of the committee writing the State Plan, gave a report to the Council on their progress. At that time the Plan was not written, but he gave a statement of philosophy of the committee's opinion on vocational education. I was much impressed with the remarks of this young educator. I have always believed we waited too late to enter our students in vocational career training. If he is sincere and wants vocational career training in the elementary level I believe Illinois can have a model state plan. Agriculture can be taught at the elementary level for we have areas that appeal to young students. Again, I urge you to attend your area discussions of the State Plan review and let your suggestions be known to the moderators. If you can have these suggestions written in advance it would do much to improve and keep the meetings on a time schedule.

#### Reactions from your Executive Secretary

During my first month I have had the opportunity to discuss vocational education, and in particular agriculture, with many local instructors. I am disturbed that so few of you actually know what is in the local plan. Authority for the plan has been placed locally, and I can buy that, but if it is local then you should be placing your program in that local plan. As the "expert" in agriculture education in your community you should know what should be offered in your total high school curriculum. If you shirk your duty and do not help in writing the local plan, then agriculture will be left out unless you have a strong administrator. If you place responsibility on any person other than yourself, you are wrong!!

Approval will be granted according to a reasonable plan for your community. You are a part. Assume your responsibility, arrange a meeting with your local administrator, and develop a sound and solid agriculture program for your community. If you need help have your local administrator request aid from our Consultants. They are available upon administrator request. In the schools where the agriculture occupations instructor aided the local administrator in writing the local plan, agriculture is strong and offering a good program. I believe we can take the present State Plan with minor changes and develop a statewide agriculture program stronger than any we have enjoyed in the past. The burden is on your shoulders. You must stay informed.

The program is being developed for our annual conference. All agriculture occupations instructors are urged to attend. The format will be similar to years past. Watch for announcements and developments in the AIDS. If an announcement concerns you, respond at once. If you are eligible for a 10, 20, 25, 30, 35, or 40 year award from IAVAT drop me a line to that effect. I am in the process of developing the list.

Eldon E. Witt

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From the V. P.'s Corner--

To the friends and members of IAVAT.

The IVA Convention of 1970 is now epilogue. A memory of planning, procurement, waiting, anticipation, expectation, and fulfillment.

A memory of meeting and greeting fellow members of the profession, sharing experiences, discussing new directions, and making mental notes for changes to improve our own departments and methods of instruction.

If you were in attendance I'm sure you will concur with my thoughts. If you found it impossible to attend, plan now for the coming year.



I wish to extend a special 'THANKS,' to all of those people who helped to make the IAVAT program a success. To Jim Smith, as president of IVA, and all of his committees, a sincere appreciation for the planning, able direction, and securing of facilities to make the convention run smoothly.

To Mr. Al Kemnitz, for his presentation, "Public Relations Means ACP"; to William Hills, Don Barrett, John Gillen, and William O. Jahn, for their panel discussion on, "Meeting the Needs of the Urban and Rural Youth"; to Mr. James A. Shute, for his presentation on "The Use of Data Processing in Agriculture"; to Mr. Phillip A. Granquist for interpreting "The Wage and Hour Laws as Related to Youth Employment," and a special 'Thanks,' to Mr. Mike Ubl, Cargill, Inc., for the coffee and rolls at intermission. To all of these people, my sincere thanks and appreciation for their time and efforts in presenting a part of the program.

May I encourage each and every one of you in the field of Agriculture Occupations to make plans now to attend the IVA and IAVAT in Chicago in 1971.

Chas. L. Harn

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Exchange-of-Ideas Contest. This event which attracts much attention and interest will be repeated again at the Summer Conference. There will be two classes -- classroom items; and shop and field items. Three prizes will be awarded in each division. Use the entry blank in the back of this issue of the AIDS and plan to bring one or more of your good ideas to the Conference.

\*\*\*\*\*



TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	<u>Item</u>
_____	\$ 2.10	_____	Tractor Safety Visuals (Set of 40)
<u>Subject-Matter Units:</u>			
_____	.10	_____	VAS 1043, Silage as an Animal Feed, 8 pgs.
_____	.25	_____	VAS 3031, Tires for Farm Equipment, 20 pgs.
_____	.25	_____	VAS 3032, Electrical Fundamentals Useful in Engine Analysis, 20 pgs.
_____	.15	_____	VAS 3033, Spot Welding for Agricultural Mechanics Shops, 12 pgs.
_____	7.50	_____	Sample Grain Rings for Judging (Complete Set)
_____	10.00	_____	Soil Samples of Known Soil-Test Value (Complete Set)
_____	No charge	_____	Arbor Day Packet
_____	No charge	_____	The Wonderland of Plants
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

\* \* \*

Name \_\_\_\_\_ School \_\_\_\_\_

Address \_\_\_\_\_ Zip Code \_\_\_\_\_

Billing \_\_\_\_\_





(tear sheet)

ENTRY BLANK - LAVAT - EXCHANGE--OF--IDEAS CONTEST

I propose to display the following item(s) in the LAVAT Exchange-of-Ideas Contest at the August Conference:

Class 1 - Field and Shop Aids

\_\_\_\_\_  
\_\_\_\_\_

Class 2 - Classroom Aids

\_\_\_\_\_  
\_\_\_\_\_

Signed \_\_\_\_\_

School \_\_\_\_\_ Zip Code \_\_\_\_\_

Return this entry blank to Vocational Agriculture Service, 434 Mumford Hall, Urbana, Ill. 61801

Bring entry to Vocational Agriculture Service Instructional Materials Center when you come to the Conference.

-----  
(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

I wish to enroll in the one-day course on Inert gas welding and other new developments, to be held on Saturday, April 11, at Illinois Central College, East Peoria.

Signed \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_



INDEX TO ITEMS IN VO-AG SERVICE SECTION

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Entomology NHE Fact Sheets . . . . .	3
Illinois Resource Management . . . . .	2
In-Service Welding Class . . . . .	4
Judging Contests . . . . .	4
Meat, Milk and Poultry Contests . . . . .	5
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Wonderland of Plants, The . . . . .	3



PRICE LIST OF FEEDS<sup>1/</sup>

Prices for some of the feeds used in supervised experience programs are listed below for students obtaining their feed at home. Purchased feeds can be recorded at prices paid.

<u>Kind of feed</u>	<u>Mar. 16</u>
Corn, shelled, bu. . . . .	\$ 1.14
Corn, ground shelled or ear corn, bu. . . . .	1.24
Oats, bu. . . . .	.60
Oats, ground, bu. . . . .	.70
Barley (feed), bu. . . . .	.85
Barley, ground or rolled, bu. . . . .	.95
Grain sorghum, cwt. . . . .	1.80
Grain sorghum, cracked, cwt. . . . .	1.90
Whole milk, mfg. grade, cwt. . . . .	4.40
Corn silage, ton . . . . .	9.50
Sorghum silage, ton. . . . .	8.50 <sup>2/</sup>
Haylage, ton . . . . .	15.00 <sup>2/</sup>
Clover and mixed hay) All hay and straw prices . . . . .	23.50
Alfalfa ) are for baled. Figure . . . . .	25.50
Oat or wheat straw ) loose at \$5 less per ton . . . . .	18.00

<sup>1/</sup>Prepared in cooperation with the Department of Agricultural Economics.

<sup>2/</sup>Or convert to dry hay equivalent containing 90 percent dry matter.

SERIALS SECTENT  
UNIVERSITY LIBRARY

SSHL







State of Illinois  
BOARD OF VOCATIONAL EDUCATION AND REHABILITATION  
Vocational and Technical Education Division  
405 Centennial Building  
Springfield 62706

May 1970

Vocational Agriculture Dates and Activities to Remember

- May 1 Completed FFA Program of Work to FFA Sectional President
- May 2 IAVAT State Vocational Agriculture Livestock, Dairy and Crops Judging Contests, Urbana
- June 1 Annual FFA Report to State Office, Springfield
- June 16-18 Annual State FFA Convention, Urbana
- Aug. 10-12 Annual Conference of Agricultural Occupations Instructors, Urbana
- Aug. 15 Applications for Jr. College Scholarships to Foundation Committee



# VO-AG SERVICE

## Announcements & Notes

Telephone - Area 217 - 333-3870

August AIDS Will Come Early. This May issue of the AIDS is the last for the 1969-70 school year. As in past years, there will be no AIDS in June or July. However, since the summer conference of agricultural occupations instructors will be held August 10-12 this year, we plan to have the August AIDS out to the schools by July 15. Please watch for this issue as it will contain details of the conference program and other important items of interest to you at that time.

JWM

SPECIAL FOR WIVES. This issue of the AIDS going to Illinois high school and junior college teachers contains a letter to your wives from Mrs. John Baker, chairman of the wives' group. It concerns the Wives Program for the summer conference. Please detach this letter and take it home to your wife so that she can make plans to attend the conference with you.

JWM

Advance Orders for 1970-71. A large number of advance orders for 1970-71 have been received on forms that were sent out in March AIDS. Forms will be included with the billing for 1969-70 advance orders which will be sent early in May. Forms will be available at the time of the FFA Convention and the Summer Conference. Deadline for ordering will again be October 1.

JWM

Return of Surveying Kits. A special letter is going to the teachers in charge of surveying kits, asking them to arrange to have the kits brought in at the time of the FFA Convention. If you are driving a station wagon, you may wish to volunteer to pick up the kit from your section and bring it in. If so, please contact the teacher in charge of the kit.

JWM

FFA Roadside Signs. After considerable delay, the FFA roadside signs that were ordered last fall or before are ready. The chapter boards are being painted locally and should be ready by May 2, the day of the judging contest. Please inquire about them when you register your teams. Chapters getting signs are as follows:

Ashton	Dixon	Paris
Assumption	Ednburg	Paw Paw
Barry	Elizabeth	Pleasant Hill
Balyki	Forman (Mamto)	Riverdale
Beardstown	Genoa	Ridge Farm
Beason	Gridley	Ridgway
Beecher City	Herrick	Rockridge (Taylor Ridge)
Bismarck	LaHarpe	Sandwich
Bluffs	Liberty	Sterling
Brussels	Malden*	Tamaroa
Calhoun (Hardin)	Mansfield	Teutopolis
Carlyle	Marissa	Tri-Point (Cullom)*
Cave-in-Rock	Morris	Union (Biggsville)
Cerro Gordo*	Morrisonville	Vienna
Chandlerville	Neoga	Villa Grove
Christopher	Northwestern (Sciota)	Warren (Monmouth)
Colechester	Odell	Warren
Colfax	Onarga	Washburn

\*Partial set

JWM



How to Catch Fish in Fresh Water. This booklet was secured from the Division of Conservation by Mr. O. C. Floyd and was included in the May Agricultural Releases for Illinois teachers. Additional copies are available on a limited basis by writing directly to the Division of Conservation Education, Springfield, Illinois 62706.

RLC

Pond Fish and Fishing in Illinois. This 64-page booklet was also secured from the Division of Conservation and is available at no charge other than postage as long as the supply lasts. It is included on the tear sheet for those who are interested.

RLC

Problem Illustration for Planning Your Farm Business. This item is being included with the May Agr. Releases. It includes a one-page problem, along with an illustration of how to fill in the booklet to estimate farm and family earnings. The problem can be detached from the illustration, or duplicated by teachers, for providing practice in using the booklet. The illustration can be given to the students after they have finished with the problem. The material is included on the tear sheet for your convenience in ordering, at 10¢ per copy.

JHH

Education Regarding Credit for Agricultural Production. This group of teaching source units is being included with the May Agr. Releases. The source units were developed by Agricultural Education in cooperation with the Federal Intermediate Credit Bank of St. Louis and the local Production Credit Associations. The materials were reviewed by a member of the VAS staff as well as persons in the production credit field. This project has been underway for about three years. All of the materials that are available at this time are included; the remaining one-fourth should be available by this fall. We hope that a number of teachers will be using these items during the next school year. A limited number of additional copies are available for sale. If you wish further information, we suggest that you contact Dr. L. J. Phipps at 347 Education Bldg., Urbana, Ill. 61801.

LJP/JHH

In-Service Courses at Parkland. Parkland College announces that approximately 50 leaders in education, business, and industry have elected to participate in their "in-service" seminar during the summer of 1970.

However, there are still openings in each of the courses offered, as each is offered during two different time periods.

If you have not returned your application please do so immediately so that followup information can be forwarded to participants.

GW

New Slidefilms. Four new color slidefilms will be sent the first part of May to all schools that have an advance order for slidefilms. They are as follows:

100A	Selecting Beef Breeding Animals	\$3.90
141A	Shearing Sheep	3.85
746	Factors Affecting Classes & Grades of Soybeans	2.60
800	Identification of Weed Seedlings, Broadleaves	2.95

They are listed on the tear sheet for general sale for those who may wish to order. Please advise if you do not receive your advance order in a reasonable length of time.

RLC

Insect Control Recommendations. Professor Roscoe Randell, Entomology Division, has asked us to announce that if you make insecticide recommendations, you should only use the 1970 Insect Control Guides as a reference. These circulars (C897, 898, 899, and 900) are found in the back of the 1970 Custom Spray Manual (245 pages) that was sent to you in the March 1970 Agricultural Releases. Please discard your old circulars in this series and replace with the 1970 editions.

RLC



70 Pesticide Dealers & Applicators Packets Entomology has a number of subject-matter packets that contain information on "Weed Control, Insect Control, Plant Disease Control, and Application Equipment." They were made up for the pesticide clinics but would be suitable for use in high school and junior college programs. This packet contains a 1970 Custom Spray Manual (245 p.), 6 color picture sheets on diseases, 12 Illinois circulars, and 31 leaflets all in an information portfolio for filing. Quantity copies are available at \$3.00 each, plus postage from Dr. Stevenson Moore III, 282 Natural Resources Building, Urbana, Illinois 61801. RLC

Monthly Travel Report Forms. These travel report forms have been available in the past from the State Board of Vocational Education. They are not able to furnish them any longer, so have asked us to print them. We expect to send a pad each year in the May Releases and stock them for sale throughout the year. One pad is included in May Releases this year.

The forms in the past have been two colors and perforated. To reduce costs, these have been padded and printed all in one color. To use these, first pull off the front cover, as it will soon fall off as you start using the forms. Also, remove the carbon copy that you normally left in the booklet and file these in a file folder.

Additional pads are available at 40 cents, plus postage.

WHW

Northern Illinois Lamb Carcass Show. Mr. Kenneth Eike, Ottawa, has sent us information on the Northern Illinois Youth and Adult Lamb Carcass Show to be held June 22 at the FFA Sale Barn at Seneca, Ill. It is open to all youth (19 years of age and younger) and adults. If you are interested in participating or need more information, contact the LaSalle County Co-operative Extension Service, 301½ W. Madison St., Ottawa, Ill. 61350. All entries must be postmarked before June 8, 1970.

KDE/WHW

Programmed Instruction Series. Three new leaflets in this series were included in the May Agricultural Releases. They were:

- No. 114 Managing the Beef Herd
- No. 315 Using the Carbon Arc Torch
- No. 316 The Engine Cooling System

These are multiple-choice questions for use on the Rapid Rater. Additional sets of questions are available at 25¢ per pack of 20 sheets. They are listed on the tear sheet in the back of this issue of the AIDS.

WHW

Animal Science Transparencies. These are 8½ x 11" instructional illustrations offset printed on .003" Trycite plastic for overhead projection. Each transparency is accompanied with a white paper copy with some text or explanation on the back, and a brown Kraft paper copy. The brown paper copy is included to prevent scratching in shipment. The set includes:

- 25 on cattle
- 5 on horses
- 1 on sheep
- 2 on livestock

The price per set, in a manila folder, is \$1.80 plus postage.

WHW

Livestock Marketing Field Day. Mr. Harold Homann of the State Board of Vocational Education reports that the National Stockyards at East St. Louis will hold a Field Day and a Market Day for vocational agriculture students in Illinois and Missouri, on July 22, 1970, at the auction arena at the National Stockyards. The show is for market animals--sheep, swine, and beef. It is open to any vocational student with livestock projects. The field day is open to all students even if they do not have livestock entered. Schools in Sections 13, 14, 15, 19, 20, 21, 22, 23, 24, and 25 will receive a program and entry list by May 10, 1970. There is a night Cardinal ball game on this date. This would make a good field trip.

HWII/WHW





Ornamental Horticulture Units. Three new subject matter units in ornamental horticulture were sent out last month on advance orders. They were

5011 Poinsettias - Care and Propagation (8 pgs.)	10c
5012 Planning and Operating a Garden Center (24 pgs.)	30c
5013 Producing Poinsettias Commercially (12 pgs.)	15c

Additional copies are available at the prices shown. The three units are listed on the tear sheet in this issue of the AIDS.

WHW

National Junior Horticultural Association. The National Junior Horticultural Association will hold its annual convention in Denver, Colorado on December 6-10, 1970. Various horticultural awards will be presented at that time. A 15-page booklet is available which gives the rules, award areas, and other information on the various horticultural project areas. We have a small supply of these booklets for students interested in horticulture and will send them on request as long as the supply lasts.

RLC

Alpha Gamma Rho Scholarship. We have information from Mr. Maynard Coe, Secretary of The Educational Foundation of Alpha Gamma Rho, describing a scholarship that is offered to an outstanding FFA member. The scholarship pays \$300 to the national winner toward a full term course at any accredited college of agriculture. If you are interested, application forms can be obtained from Mr. Coe at 323 Cornell Ave., Des Plaines, Ill. 60016.

JWM

Rend Lake College Course for Teachers. Rend Lake College will offer A-1 and A-2 certification with SIU from June 22 through July 24. The course will be taught by Rend Lake College staff members and Professor J. J. Paterson from SIU. The first two weeks will include hydraulic and the second two weeks on diesel engines with a maximum amount of "hands-on" type of instruction. Additional information about this course and how to enroll is found in the Southern Illinois University section of this issue of the AIDS.

AK JWM

New Career Film Available. A new 30-minute 16mm sound color movie entitled "Rewarding Careers in a Dynamic Agriculture" has been produced by Cargill, Inc. This film was shown on April 18 to the FFA district award winners. This copy provided by the College of Agriculture has been placed in the film library of Visual Aids Service, 704 S. Sixth, Champaign 61820. It can be ordered from this address in the usual way.

JWM

Calendar of Events. Copies of the 1970-71 Calendar of Events were sent in May Releases going to other than Illinois agricultural occupations instructors. As in the past, special calendars with important state and district events printed in red will be furnished to instructors later when these dates are known. This will likely be at the August Conference this year. Plain calendars are available now at a price of \$2.20 for any who may wish to order. This item is included on the tear sheet.

JWM

Summer Hours for VAS Building. The Vocational Agriculture Service building on the South Farm will be open five days a week from 8 a. m. to 5 p. m. during the summer months. It will not normally be open on Saturdays from the time schools are out in June until they begin again in the fall. We assume most teachers who wish to come to the campus to pick up materials in summer will come on a week day. The building will also be closed on May 29 and July 3 since Memorial Day and July 4 occur on Saturdays this year. If you do need to pick up material on a Saturday during the summer, please let us know ahead of time and one of our staff will arrange to meet you.



## 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.

TRACTOR MAINTENANCE, PRINCIPLES AND PROCEDURES, Rev. 1970. \$5.60 American Association for Vocational Instructional Materials, Athens, Georgia 30601.

This 152-page manual contains 213 illustrations in color and represents an extensive revision of the previous edition. It is updated in the sections on batteries, hydraulic systems, tire maintenance, spark plugs, carburetors, diesel fuel systems, cooling systems, and drive mechanism systems. New sections have been added on alternators and transistorized ignition systems. Incidentally, the Association now has a new name as shown above. It was formerly the American Association for Agricultural Engineering and Vocational Agriculture.



division of  
agricultural  
education  
  
college of  
education

University of Illinois

Placement Services. Teachers who are eligible to use the University of Illinois Educational Placement services may do so by contacting Everett Harris, 353 Education Building. Mr. Harris has information on teaching vacancies at the secondary and junior college level. His telephone number is 333-3037.

PEH

Summer Session Brochure. Each teacher of agricultural occupations in Illinois has been sent a summer session brochure which describes the course offerings of the Vocet Department for the 1970 summer term. If you did not receive your copy or know of another person who should receive a copy, please let us know.

PEH

Admission and Readmission for the 1970 Summer Session. Applications for admissions or readmissions must be filed prior to May 15, 1970, in order to avoid delay during registration. Graduate students registered as degree or nondegree candidates (extramurally or in residence) at the University of Illinois during either semester, or both, in the 1969-70 academic year or on campus in the 1969 summer session need not apply for readmission to the 1970 summer session. Applicants for graduate degrees registered as nondegree candidates and students who have not been readmitted since receiving a degree from the University of Illinois must apply for readmission. Degree candidates who were not enrolled in the 1969 summer session or registered in an extramural course during 1969-70 must apply for readmission. Readmission forms are available from your adviser or from the Office of Admission and Records.

PEH

Votec 456, Section A. Curriculum Problems and Trends for Teaching the Disadvantaged. This course will be offered during the first four weeks of the 1970 summer term. It will focus on the identification of disadvantaged students, the development of curriculum materials, and the use of specialized teaching procedures. The course will be open to any vocational teacher who is currently teaching disadvantaged groups or plans to teach such groups in 1970-71. Since enrollment will be handled on a "first-come, first-served" basis, teachers who plan to enroll in this course should contact Professor Paul Hemp, 357 Education Building, University of Illinois, Urbana 61801, prior to May 15, 1970.

PEH

Liaison Representative. Dr. Lloyd J. Phipps has been designated to serve as Associate Coordinator for Vocational-Technical Education and liaison between the University of Illinois at Urbana-Champaign and the State Board of Vocational Education and Rehabilitation, Division of Vocational and Technical Education. This administrative link between the University of Illinois and the State Board is intended to expedite working relationships. Dr. Phipps' new administrative responsibility does not affect his status as Chairman of the Vocational and Technical Education Department.

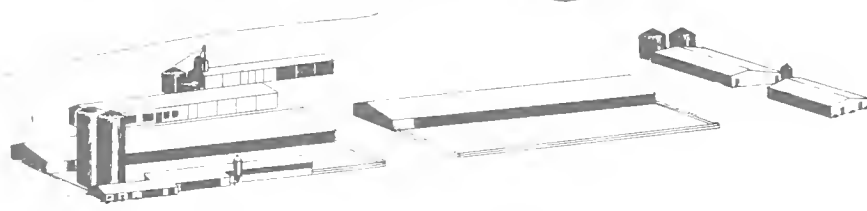
PEH



Occupational Experiences for Teachers, Votec 385, Section A Problems in Supervised Concurrent Work-Education, will be taught during the first four weeks of the 1970 summer session. The one unit graduate course will provide secondary and post-secondary teachers of agriculture with structured occupational experience in an approved cooperating agricultural business firm in an area within daily commuting distance of the campus. In class sessions, emphasis will be placed on analyzing experiences and their implications for teaching. Advance enrollment in the course is essential. Teachers desiring to enroll in the course must contact Dr. David Williams, 361 Education Building, University of Illinois, Urbana 61801, prior to May 15, 1970. DLW







## AGRICULTURAL EDUCATION NEWS

Alpha Tau Alpha Elected Officers for 1970-71. Alpha Tau Alpha Chapter at Illinois State University elected officers for the 1970-71 school year. The office, home high school and agriculture occupations instructors are as follows.

<u>Office</u>	<u>Name</u>	<u>Home High School</u>	<u>High School Teacher</u>
President	Bruce Griffith	Kirkland	John Olson
Vice-President	Ken Jorstad	Morris	Don Kaufman Gary Brucker
Secretary	Pete Newsom	Octavia	Larry Iron T. R. Miller
Treasurer	Charles Springer	Ashton	Herschel McPherson
Membership	Mike Mouser	Normal	Clarence Kuster Larry Lowe Richard Wagner
Publicity	Daryle Wragge	Roanoke	Eldon Witt
Advisors: Dr. A. Culver Mr. Reginald Henry			

The retiring officers that have served for the past school year are as follows

President	David Chase	Hinckley-Big Rock	Leshe Sadoris
Vice-President	Mike Scheer	El Paso	Don Jenkins Ernest Sancken Gary Garlish Harlan Ehmen
Secretary	Tom Lewis	La Moille	
Treasurer	J. C. Barrett	Cathedral Boys High (Springfield)	
Membership	Bruce Griffith	Kirkland	John Olson
Publicity	Dale Atkins	Fairbury-Cropsey	Harry White Richard Wagner

KEJ

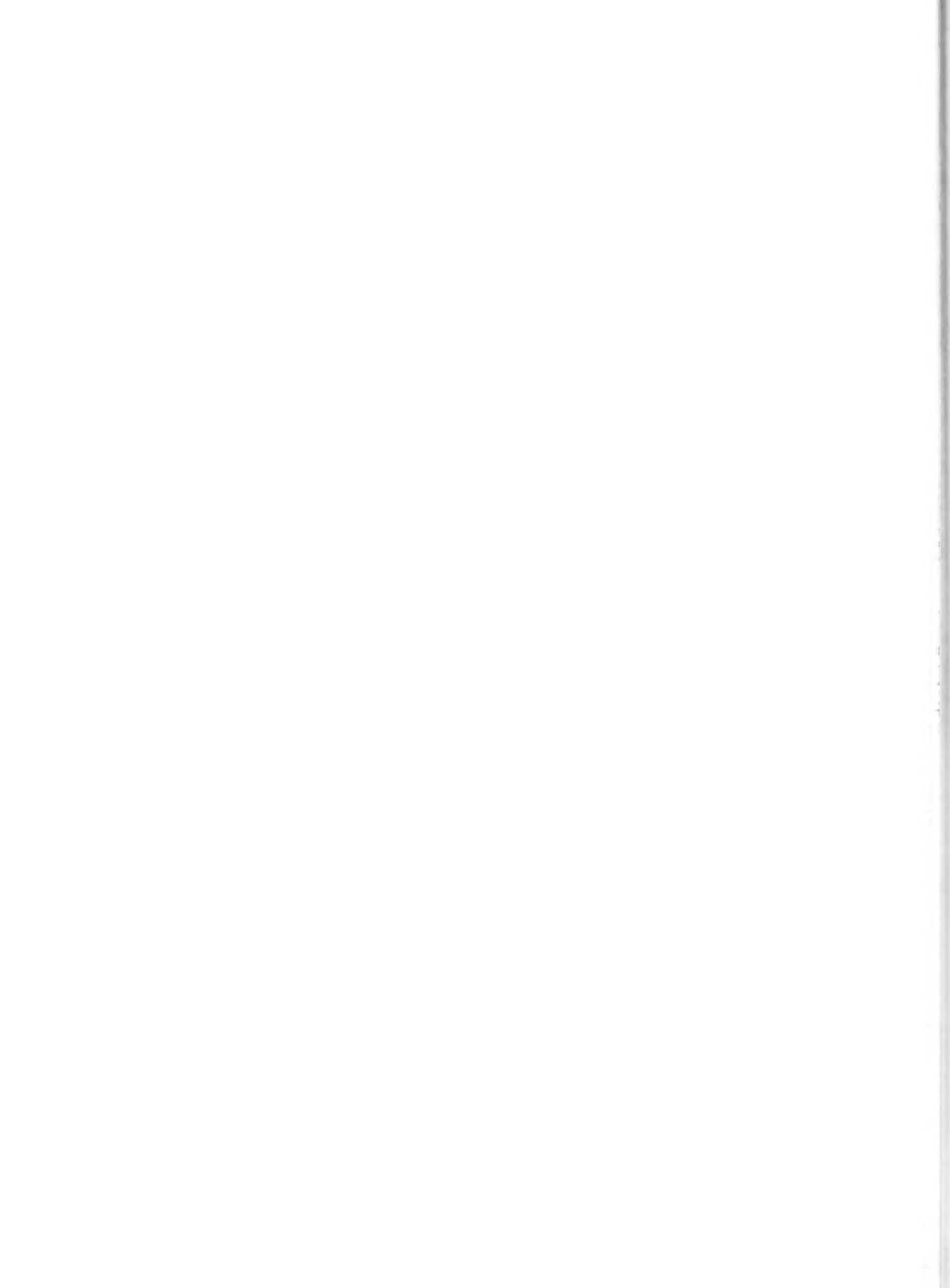


ISU Agricultural Club Organized. The Agricultural Club was organized in the spring of 1969 to serve the interests of students in agriculture at ISU. The club has sponsored such activities as a symposium in Careers in Agriculture, judging contests and bringing a number of outstanding speakers in agriculture to the campus. The officers, their high school and high school agriculture teacher are as follows.

<u>Office</u>	<u>Name</u>	<u>Home High School</u>	<u>High School Teacher</u>
President	Dan Kelley	Normal	C. J. Kuster
Vice-President	Lyle Roberts	Normal	C. J. Kuster
Secretary	Karen Ryan	Fairbury	--
Treasurer	Duwayne Manahan	Normal	C. J. Kuster
Program-Publicity	Ken Moore	Monticello	Gordon Bidner Gene Burhmester
Membership	John Reel	Octavia	Larry Irion T. R. Miller

Advisors: Dr. Clarence Moore  
Dr. Donald Wagner

KEJ

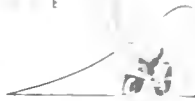


# SOUTHERN ILLINOIS UNIVERSITY

C A R B O N D A L E

L I N C O L N

School of Agriculture



Agricultural Industries Department

A new four (4) weeks course in Agricultural Mechanics is being offered in cooperation with Rend Lake College (Bonne, Illinois) from June 22 to July 17. Two weeks will be devoted to Diesel motors and the other two weeks will be on Hydraulics. Three hours graduate credit may be earned from each or a total of six for both. A maximum of 16 students can be accommodated on a first come basis. The class will meet from 8:00 to 12:00 daily. Ardell Kimmel and J. J. Paterson will be the instructors. Registration is through the Agricultural Industries Department at SIU and the course number is 551.

Other course offerings for the summer include:

June 29 to July 17:

Ag. Industries 455--3 hrs. Principles and Philosophies of Vocational and Technical Education

Ag. Industries 525--3 hrs. Interrelated Cooperative Vocational and Technical Programs

June 22 to July 17:

Ag. Industries 512--6 hrs. Structured Internships in Ag-related Occupations

Agriculture Courses - June 22 to July 17:

Ag. Industries 456b--2 hrs. (Livestock Marketing)

Plant Industries 419--4 hrs. (Advanced Forage Production)

Courses in Readings and Special Problems are also available.

RAB





## AGRICULTURE EDUCATION NEWS

### Student Teachers for Fall Quarter

<u>Student</u>	<u>Home High School</u>	<u>High School Agr. Teacher</u>	<u>Student Teaching Center</u>
Blickenstaff, Herbert	Astoria	Lloyd Tripp Robert Lowe	Abingdon
Bowman, Gary	Knoxville	James Litchfield	Geneseo
Huffman, Larry	Valley-Fairview	Charles Harn	Roseville
Robley, Robert	Litchfield	Paul Hillis	Pittsfield

### Student Teachers for Spring Quarter

Hickenbottom, Gail	VIT-Table Grove	Ralph Hunter	Avon
Mottaz, Theodore	Yates City		Kewanee (C.U.)
Rutledge, Larry	VIT-Table Grove	Ralph Hunter	Nauvoo-Colusa

Collegiate FFA Chapter, Western Illinois University. The Collegiate FFA Chapter is a student organization devoted to providing an opportunity for leadership development in agriculture for students who have an interest in agricultural education. The Chapter purposes are: (1) prospective agriculture teachers obtain experience and training in FFA work, (2) encourage the spirit of cooperation, (3) strengthen confidence of the student in agriculture occupations, in himself, and his work, (4) develop efficient and effective leadership, (5) encourage organized recreational activities, (6) advance agriculture education in public schools in the United States, and (7) encourage scholarship and high ethical standards.

A few of the activities which the Collegiate FFA sponsors are: (1) Public Speaking Contest, (2) Serve as judges at Sectional and District FFA Foundation Awards Contests, (3) Food stand at the District FFA Speaking Contest, (4) Spring picnic, and (5) Speakers.

Chapter officers for 1969-70 are:

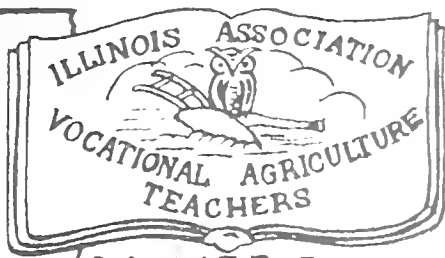
President	- Larry Rutledge
Vice President	- Glen Rawe
Secretary	- James Wilson
Treasurer	- Gail Hickenbottom
Reporter	- Jim Duvendack
Sentinel	- David Dobbels
Ag. Council Rep.	- Ted Mottaz

Building Construction. Construction of new farm buildings on the Western Illinois University Department of Agriculture farm is to begin in April. New buildings are to include: swine evaluation station, swine barn, sheep barn, dairy barn and machinery, beef barn, and an animal science laboratory.

FJP







Dedicated To The Education  
Of Rural America  
Affiliated With I.V.A.-A.V.A.-N.V.A.T.A.

# IAVAT NEWS

ILLINOIS ASSN. OF VO-AG TEACHERS

## From the President's Pen --

Easter vacation gave an opportunity for a change of pace. It was my privilege to make a side trip visit to our NVATA headquarters in Lincoln, Nebraska. Our NVATA Executive Secretary Jim Wall, and I had an opportunity to discuss the current situation in Illinois and in the nation as it relates to our chosen profession.

I left with the impression that our NVATA headquarters are modest and practical and the staff courteous and efficient.

Vacation time also gave the opportunity to consider plans that involve our program of work.

The greater part of a day was spent in Springfield with a visit to the state office. This gave me the opportunity for a visit with Mr. Richter and the Consultants in Applied Biological Science and Agriculture. There are always mutual problems as we consider the calendar of events for the months ahead.

A week end in early April was spent at Indianapolis at a regional workshop of AVA. Approximately 20 representatives of state associations were present from Ohio, Indiana, and Illinois. Six were from our state, including our four IVA officers.

It was my impression from this meeting that these three states were much better organized than some of our neighbors, especially those who have no "umbrella" organization such as our own IVA. It was a pleasure to hear a number of times at this meeting that "Ag teachers are much better organized" and "Ag teachers are more professionally minded."

Some of you will recall the incident of the ag teacher from Indiana and the serious accident at Centraha. His fellow teacher asked me to let Illinois teachers know that he is back in the classroom but can expect a couple of operations yet.

E. L. Bosomworth

.....

## Sympathy to Dr. Matthews

Word has been received of the death of the mother of Dr. John Matthews. We extend our deepest sympathy.

.....



## IAVAT---ACTIONS AND REACTIONS

Vocational agriculture is a term that creates many descriptions and impressions in the minds of mankind. The most prevalent impression appears to be a critical one--critical from two opposing viewpoints. Vocational agriculture departments are low in enrollment, thus requiring the services of an agriculture teacher for a small percentage of the total school enrollment. Combined with this small load are fewer papers to grade, fewer grades to place on report cards and, in general, fewer professional responsibilities to be conducted by the vocational agriculture teacher. The other viewpoint criticizes the vocational agriculture teacher for too large an enrollment to fill the vacancies of farm operators. It is a known fact that numbers of farmers are decreasing so why do we need a department to train job holders where no jobs are available? This viewpoint continues with criticism that our vocational agriculture departments are relics of an outdated era, developed during a time when farm boys returned to the farm because there was nothing else they could do. The program exists today, flooding the community with graduates unable to return to the farm, unskilled in the community work areas, and improperly trained to seek college entrance.

This is the image of agriculture, erroneous as it may be, that dominates the lives of high school enrollees and the men that train them. This image of agriculture influences the decision of every eighth grader entering secondary education. This image influences every enrollee in the agriculture education curriculum in the college of agriculture. What is wrong?

Too many people, including teachers, administrators, counselors, and parents, fail to realize they are not living in the same world in which they were born, either occupationally or professionally. Too many have failed to develop with the rapid advancements in technology. It's almost as if many are saying, "Stop the world, I want to get off" and get off they have. The poor image of agriculture is being supplied by those who stopped the world--trying to accommodate stone age thinking, concepts, and educational practices to a space age agriculture.

At one time the story of agriculture was a 24-karat story, a shining image of a dynamic high school program designed to solve the problems of farm youth returning to the farm. It was a dream come true. Today that dream has been turned into a nightmare. The shining image has become cloudy and tarnished--a program to be kicked about by ill informed administrators and school patrons, tarnished by disillusioned counselors who advise eighth graders to learn all their agriculture from their fathers and to enroll in the prestige courses. It is darkened by those who are slow to change and by those who do not wish to recognize change.

Teachers of vocational agriculture are faced with the problem of making effective use of an age-old idea in a new setting. One of the oldest recognized concepts of effective learning has been work experiences. This approach to learning preceded formal education, as we know it, by thousands of years. Even in the early development years of our country, and yet today in many of our major companies, apprenticeship is a major means of education. Learning by doing has been accepted as a slogan for vocational agriculture. This learning by doing was accomplished by providing experiences in school shops, laboratories, and supervised work experience programs. The success of these experiences cannot be denied. Today we realize the off-farm occupations would be more meaningful if they were learned in a real life situation. With this philosophy many of our students are placed in agri-business firms to provide the work experience. The supervised work experience that we have known for years is still being continued for those who wish to return to the farm or continue higher education.

To be successful, an exploratory work experience should help a student answer questions about choosing, entering, adjusting to, or progressing in an occupation. Although students usually receive a student-learner wage, it is clear that learning takes precedence over earning. Education for the non-college bound student is an absolute must. His education is as important as education for appreciation of literature of another century. These youth rarely lack ability but



lack motivation. They rarely lack time to acquire skills and knowledge but often lack the challenge. Success comes from the ability to perform skills from confidence instilled by building one success upon another. Quality education results from a balanced curriculum of vocational and general education courses and a teacher with a deep concern for the individual student in his own specific situation. Too many educators are too content to teach subject matter and not students. I have a deep feeling of sympathy for the teacher who admits he cannot and will not work with the vocational student. This teacher is limited by the textbook and can only convey the ideas of another with no originality of his own. In most cases the student is not a slow learner but merely a non-motivated student forced into a dreary world of academic standards determined by school officials relying on college entrance requirements. We have long enough forced the majority of our students to take courses so the minority can continue higher education.

These are the images as related to me by non-vocational individuals but the future of agriculture education is anything but bleak--indeed the future of agriculture is bright.

- (1) Even in the time of high productivity, our surpluses have a way of disappearing. Even production agriculture must continue at a high rate in our secondary schools to maintain the high standard of living to which our non-believers have become accustomed. Production agriculture provides the knowledge and skills so necessary for entry into the related occupations. The average age of our farmers is about 54 years, and replacements, better trained in advancing technology than their fathers, must be ready to enter the farming occupations.
- (2) With the rising world population, agriculture must increase its productivity in a well-planned sequence according to need scale. We may even see the day when we will ship food and trained agriculturists, rather than arms, overseas to assure world peace.
- (3) The emergence of specialized agriculture occupations demands specialized agricultural education.
- (4) The constant changes and innovations in agriculture require even more continuing education for adult agriculturists.
- (5) Employment for non-farm occupations and related occupations offers a challenge to work with other vocational services to develop the most effective instructional programs for youth.
- (6) The national interest in environmental conditions places a greater responsibility on agriculture departments to teach the proper use of national resources and of leisure time to all students.
- (7) Agriculture will always be the backbone of our nation. Any program that weakens agriculture or agriculture education must answer to the future generations.

#### NVATA PROGRESS REPORT

Again I want to inform the state membership of the good work being done by NVATA in your behalf. It is important that each state association be aware of the progress being made by NVATA and cooperate in every manner to strengthen their work locally. I have tried to mention their work with each visit I make into the sectional meetings. We cannot afford the luxury of sitting idly by and letting NVATA fight our battle without our support.



President Gundlach, Past President Smith, Executive Secretary Wall and Durkee spent a busy week in Washington, March 2-7. A few highlights were:

- (1) Meeting of FFA Board of Directors
- (2) Meeting of FFA Foundation Board of Trustees
- (3) Meeting of NVATA-USOE Committee
- (4) Meeting with Congressman Que of Minnesota, Congressman Perkins of Kentucky and the Council for the House Education Committee
- (5) Ag Division Advisory Committee Meeting
- (6) Ag Division Policy Committee meeting
- (7) Meeting with Lowell Burkett and John Hudson of the AVA Staff, and 4 AVA Vice Presidents
- (8) The group also participated in a general AVA session and departmental meetings

#### NVATA-USOE COMMITTEE MEETING

Those attending in addition to the above mentioned were:

T. L. Faulkner, President of NASAE  
Don McDowell, Executive Director, FFA Foundation Sponsoring Committee  
Stan Cath, Executive Secretary, National Association State Departments of Agriculture  
Fred Stines, Publisher, Successful Farming Magazine  
Walter Jacoby, Vice President, American Institute of Cooperation  
Kit Haynes, Legislative Representative, American Farm Bureau Federation  
Reuben Johnson, Legislative Director, National Farmers Union

Progress reports were given by each member of the committee and the following program of action was agreed upon:

- Continue to evaluate the problem.
- Develop a brochure on "The New Look in Vocational Agriculture and the FFA!"
- Establish state ag-industry groups.
- Continue the attempt to have the problem solved administratively.
- Conduct national and state basic public relations programs.
- Continue to explore the possibility of special legislation.

#### STATE WIDE ARTICULATION REPORT

I was pleased to be able to attend the State Wide Articulation for Junior and Senior Institutions Teaching Agriculture on March 19. The progress made by these two groups was an inspiration. They have established a model for many states to follow. Each secondary agriculture department should make an effort to contact their Junior College district and articulate their program with the post secondary level. We must cooperate at all levels to prepare students to enter the world of work.

#### DISTRICT MEETINGS

I have had the opportunity to visit several district and sectional meetings. I am pleased to report that all meetings were conducted with the utmost of efficiency. Reports from districts I could not attend were that the District Directors did an excellent job. It is a compliment to the leadership of our organization that this responsibility was assumed and handled so well. This is an area in which IAVAT can and should assume their responsibility. Let's keep in mind that IAVAT will assume a great responsibility in the conducting of the annual FFA Convention. One large responsibility is the supervising of individuals in the dorm area. We have always done this in





the past but a greater emphasis will be placed on it this year. May I caution you that if you intend to have boys stay in the dorm that you should also plan on staying in the dorm. Let's not leave our supervising responsibility to just a few. Total cooperation is required of all persons in attendance.

### IAVAT SERVICE AWARDS

I would suggest that each member read the requirements on rules on eligibility for service awards as published in the committee reports. Rule one states that a teacher must be a fully paid up member of the IAVAT and active in the Vocational Agriculture education field. With the transfer of records of the office of IAVAT Secretary-Treasurer to my office it is highly possible that mistakes can be made. If you are eligible for an award this year and your name is not listed, will you please contact me so the correction can be made?

#### 10 YEAR AWARD

Ralph A. Benton - Southern Illinois University  
Tom Knox - Alexis  
Max Foster - Illinois Central College

Richard Long - Roberts  
Robert Cone - Salem  
Clarence Benard - Thompsonville

#### 20 YEAR AWARD

Harold Elliott - Atlanta  
Russell Lewey - Rantoul  
William Fortschneider - Jacksonville  
Roland Meyer - Cissna Park  
Gene Elliot - Farmer City  
Fred Bergman - Bath

Albert Tieken - Dixon  
Carl L. Gowler - Effingham  
Robert Milligan - Litchfield  
Gordon Adamson - Winchester  
Ronald Smith - West Frankfort

#### 25 YEAR AWARD

Wilbur Liehr - Galva  
Vernon Luther - Neponset

Royal McCormick - Rock Falls  
George Richter - Springfield

#### 30 YEAR AWARD

Fred Morris - Mendota  
Fred Schaper - Aledo  
Robert Rohlfing - Paxton

John E. Shields, Jr. - Shannon  
Ralph Guthrie - Springfield  
Lloyd J. Phipps - University of Illinois

#### 35 YEAR AWARD

Roy Hefty - Orangeville  
Louis Templeton - Pinckneyville  
Harold Homann - Springfield

John W. Matthews - University of Illinois  
Harold Witt - University of Illinois

### SECTION CHAIRMAN

The most important office in the state structure of IAVAT is the section chairman. Responsibility of the work load seems to fall on your shoulders quite often. You control the heart beat of the local departments in your sections. For this reason the IAVAT Executive Committee is dependent upon you to supply information pertaining to your departments. I urge you to respond promptly to all requests and to keep your district directors informed of any "happenings" in your section. With changes in agriculture education the total membership of IAVAT had to increase their work load. You are the first link in the chain and the total chain can be no stronger than your link.



## Section 7 News

Section 7 had it's annual winter dinner meeting with members, wives, and sponsoring committee and wives in attendance. It was held at the Prairie Lake Hunt Club located north of Marseilles, on January 13 with 46 in attendance. Photos were taken of the sponsor and the local member and sent to each sponsor's hometown newspaper with a caption.

Tonica's chapter and "go-getter" George Irvine are at it again having had the Greenhand initiation with one of Tonica's largest groups ever--20 members joined FFA and were served refreshments by senior officers. One of their members attended the winter IAA-FFA conference at Normal. On January 3, the members gathered old Xmas trees in the winter cleanup campaign . . . George says that an increasing number of artificial trees are hard on this project.

Ken Hart is keeping the fires burning at Leland. . . his adult class starts on January 21 with special guest speakers and a field trip scheduled. His freshman class will sponsor a moneymaking pork chop supper. They expect to barbecue 1000 pork chops--no wonder the hog outlook is good for 1970. His foundation sponsoring committee member, Mr. Jay Kinney, reports excellent foundation contributions.

Don Wilson of Sandwich has two student teachers to assist him this year. He has Bill Anderson of Seneca and ISU finishing his nine weeks now, and David Pennington of Pontiac will arrive in April. The Sandwich High School corn plot made 144 bu. per acre of no. 2 corn.

The Streator FFA-FHA held their annual Sweetheart Ball on February 7. Their annual farm festival will be held during National FFA Week. Farm animals will be on display in the ag shop for viewing of Streatorland grade school youngsters on tour. Student Teacher Tom Koehler just finished his nine week term. Adult class special speakers include Ken McMillen speaking on "National Farm Outlook--1970."

Sectional president Bob Daniel of Waterman sent a note expressing his appreciation to Mr. Tom Cody of the Rocket Supply Corporation and HICKSGAS who gave eleven \$50 donations to sections in which their products are distributed. . . \$550 in all!! This firm is interested in the FFA program since it teaches individual initiative rather than conformity. The donation was directed to Mr. George McHarry of Tolono, for distribution.

Seneca's FFA Salebarn hosted two sales in March. The Illinois State Duroc Sale and Show was held on March 16, with the show at 10:00 a.m. and the sale at 1:00 p.m. On Saturday, March 14, the FFA held its first Community Auction selling everything imaginable on consignment. Three large community warehouses were engaged for the event. Student Teacher Terry Lunt, of Bowen and ISU, just finished his nine week stay at Seneca.

Sherwood Jackson  
Public Relations Chairman

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## Section 22 News

The March sectional meeting was held in Belleville. A meal was enjoyed by the teachers and their wives at the Wishbone Restaurant. The meeting followed at Belleville West High School. Mr. Homann, a state consultant was present. Fred Barker of Belleville Jr. College stated that the college presently has a Supply & Service program and is planning to start a Horticulture program. Don Hobbs of Kaskaskia Jr. College said that the college presently has an Ag. Production program and is planning to start a Supply & Service program.

The sectional Public Speaking Contest was held at Red Bud on March 4. In the prepared contest, Bill Lafferty of Highland won first and Ken Meng of Mascoutah placed second.



New teachers in the section include Carroll Barlow at Freeburg, John Rentfro at Marissa, Glen Mills at Waterloo and Robert Maschoff at Triad.

The Sectional Parliamentary Procedure Contest was held at Ashley and the first place team was New Athens.

The Land-Use Contest was held at Edwardsville. The first place team was Trenton.

The Sectional Poultry and Grain Show was held at Columbia. The Livestock Judging Contest will be held at Highland on April 24, and the Ag. Mechanics Contest will be held at Wesclin (Trenton) on May 8.

Allen A. Strieker  
Public Relations Chairman

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Exchange of Ideas Contest. There is one change in this announcement as it was made in the April AIDS. According to Al Tieken, Chairman of the Special Projects Committee, a special class will be set up for junior college entries. This means that high school entries and junior college entries will not be in competition with each other but will receive separate awards. The entry blank in the back of this issue can be used by both groups and the committee will sort the entries into classes. Send in your entry now for this important exhibit at the Summer Conference.

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(tear sheet)

TO: Vocational Agriculture Service  
434 Mumford Hall  
Urbana, Illinois 61801

Please send the following:

<u>Number</u>	<u>Price</u>	<u>Amount</u>	<u>Item</u>
			New Slidefilms--
	\$3.90		100A Selecting Beef Breeding Animals (color)
	3.85		141A Shearing Sheep (color)
	2.60		746 Factors Affecting Classes & Grades of Soybeans (color)
	2.95		800 Identification of Weed Seedlings, Broadleaves Part I
			Ornamental Horticulture Units--
	.10		5011 Poinsettias--Care and Propagation (8 pgs.)
	.30		5012 Planning and Operating a Garden Center (24 pgs.)
	.15		5013 Producing Poinsettias Commercially (12 pgs.)
			Programmed Instruction Series--
	.25		No. 114 Managing the Beef Herd (pack of 20)
	.25		No. 315 Using the Carbon-Arc Torch (pack of 20)
	.25		No. 316 The Engine Cooling System (pack of 20)
	1.80		Animal Science Transparencies (Set of 33)
	.10		Problem illustration for Planning Your Farm Business
	.20		Calendar of Events
	.40		Monthly Travel Report Forms (Pad of 50)
	free		Pond Fish and Fishing in Illinois (64-page booklet)

\*\*\*\*\*

Name \_\_\_\_\_ School \_\_\_\_\_

Address \_\_\_\_\_ Zip Code \_\_\_\_\_

Billing \_\_\_\_\_





(tear sheet)

ENTRY BLANK - IAVAT - EXCHANGE--OF--IDEAS CONTEST

I propose to display the following item(s) in the IAVAT Exchange-of-Ideas Contest at the August Conference:

Class 1 - Field and Shop Aids

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Class 2 - Classroom Aids

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Signed \_\_\_\_\_

School \_\_\_\_\_ Zip Code \_\_\_\_\_

Return this entry blank to Vocational Agriculture Service, 434 Mumford Hall, Urbana, Ill. 61801

Bring entry to Vocational Agriculture Service Instructional Materials Center when you come to the Conference.



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## FEEDING COSTS<sup>1</sup>

Prices for some types of feed are listed in the accompanying table. The cost of obtaining them, feed at home, and mixed feeds, can be recorded in pencil on this form.

Kind of feed	Quantity
Corn, shelled, bu.	1.45
Corn, ground shelled or ear corn, bu.	1.25
Oats, bu.	1.10
Oats, ground, bu.	.75
Barley (feed), bu.	1.00
Barley, ground or rolled, bu.	.85
Gram sorghum, bu.	.80
Gram sorghum, cracked, bu.	.90
Whole milk, mtg. grades, gal.	.12
Corn stng., bu.	.75
Sorghum's Ege, bu.	.85
Haylage, ton	1.75
Clover and vetches, ton	1.75
Alfalfa, ton	2.00
Oat or wheat straw, ton	1.00

<sup>1</sup> Prepared in cooperation with the Department of Agriculture, Bureau of Economic Research.

<sup>2</sup> On a mixed feed, the expense of obtaining mixed feeds should be recorded in pencil.

Pasture days	Cost per day
Cattle and horses	
0-11 months	\$.10
12-24 months	.08
over 24 months	.11
Horses to weaning	.10
Sheep - weanlings and mature	.025
Pigs - 50 to 100 lbs.	.005

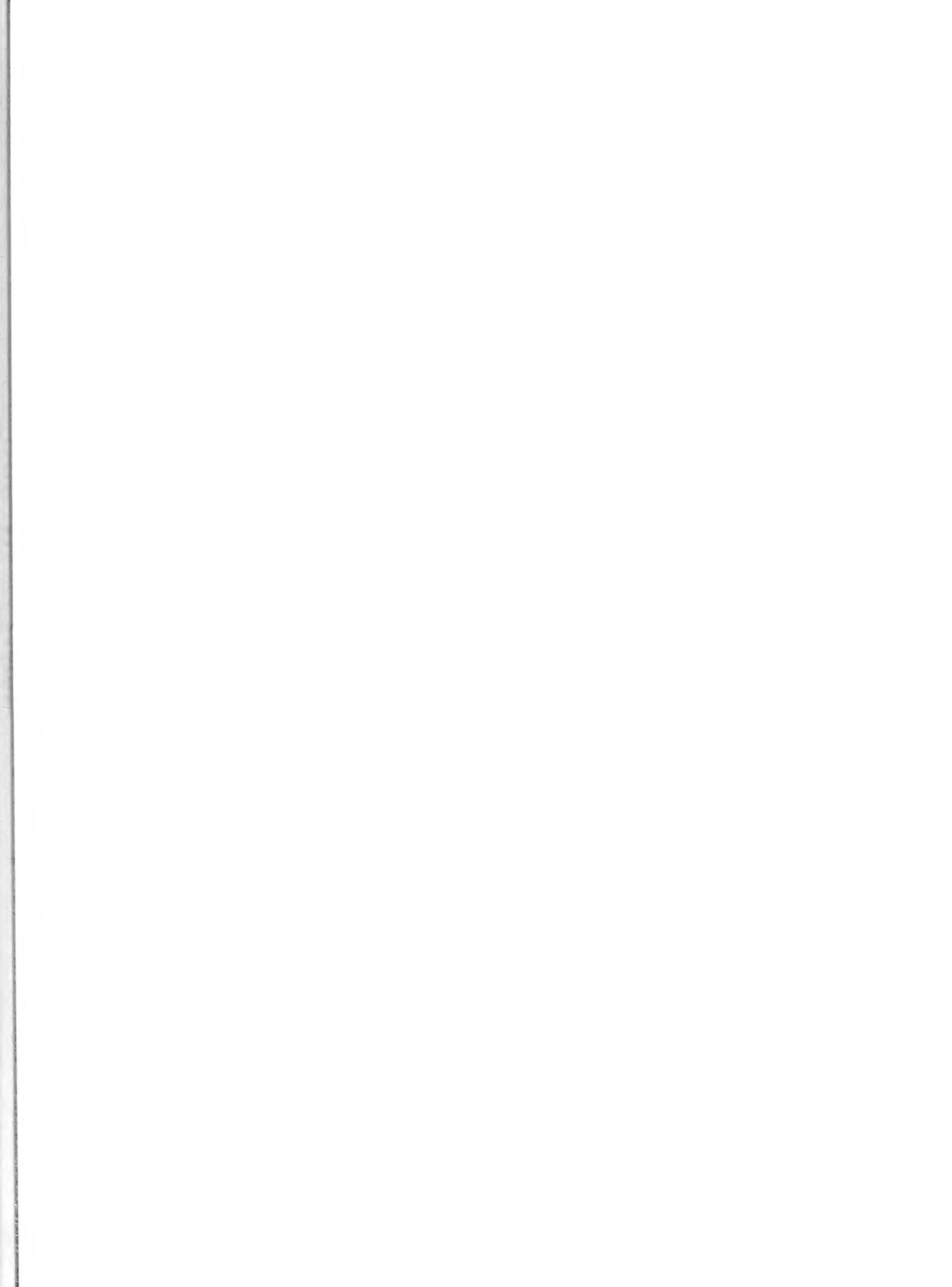
\* Reduce by 2/3 for full-fed cattle

\* Reduce by 1/3 for limited fed cattle

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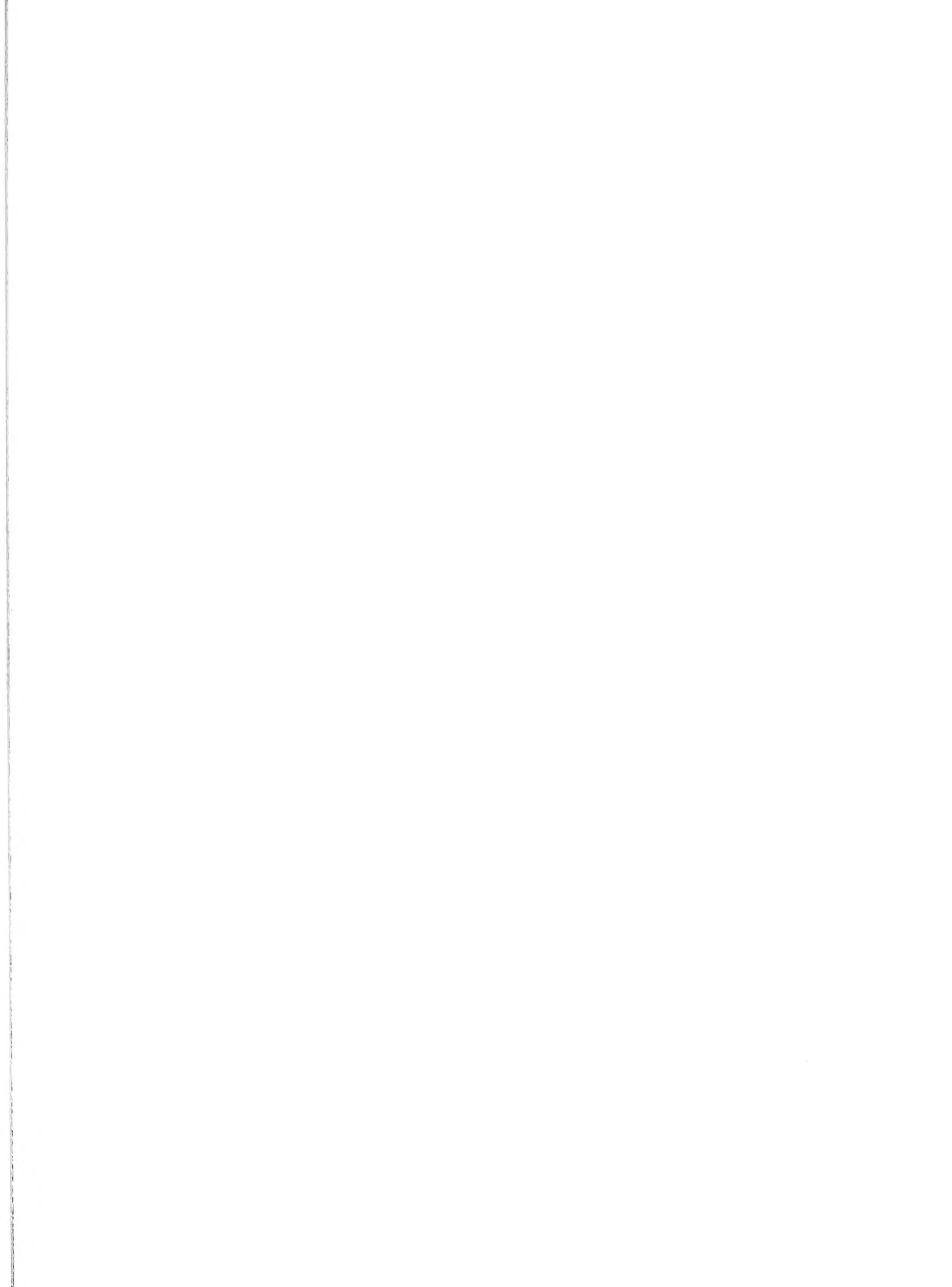
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