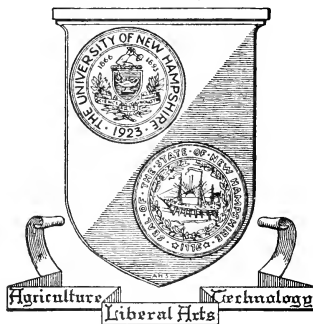


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**Bulletin 384**

**August, 1950**

**NEW HAMPSHIRE  
AGRICULTURAL EXPERIMENT STATION**

**Department of Agronomy**

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# **Results of Seed Tests for 1950**

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**Made for the  
STATE DEPARTMENT OF AGRICULTURE**



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**By BESSIE G. SANBORN**

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**THE UNIVERSITY OF NEW HAMPSHIRE  
DURHAM, N. H.**





## RESULTS OF SEED TESTS

Made July 1, 1949, to June 30, 1950

This report contains the results of the seed inspection work for the State Department of Agriculture of 673 official samples collected throughout the state during the period from July 1, 1949, to June 30, 1950, by Mr. George Laramie, Seed Control Supervisor, and Mr. Harold Ayer, Inspector. In addition to these official samples, 1860 private samples were analyzed, making a total of 2533 samples inspected.

Wholesalers are listed in alphabetical order except when samples are presumed to have been carried over, in which case they are listed alphabetically by dealers. The New Hampshire seed law requires that both agricultural and vegetable seeds must be labeled with the calendar month and year when last tested for germination, and requires that this germination test shall have been completed within nine months of being offered for sale. In the following tables, if the date of test was within the prescribed nine months, the sample is marked satisfactory, "S" in this respect; if no date was given, the word "None" appears indicating a violation; if the date was a violation of the law because the test was not made within nine months, the date given on the tag or label appears in that column.

The first part of the report deals with 160 samples of agricultural seed tested for purity, germination and noxious weed content. There is a tolerance or allowable variation from the guarantee for both purity and germination, in accordance with the Rules for Seed Testing adopted by the Association of Official Seed Analysts, so that, for instance a sample of timothy guaranteed 99.20 for purity and 85% for germination could test as low as 98.25% for purity and 77% for germination and be "satisfactory." If a sample when tested for purity falls within the allowable variation, it is marked "S" (satisfactory); if below the allowable variation, and therefore a violation, the actual figure found for purity is given. The same is true for germination in the case of agricultural seeds.

The second part of the report applies to 513 samples of vegetable seeds which were tested for germination only. The New Hampshire seed law requires that unless each packet or other container is plainly marked "Below Standard" together with the percentage of germination, vegetable seeds must test up to the prescribed standard for that kind of seed, and that there is no tolerance from the adopted standards. In the column headed "Found" if the same was up to standard, an "S" (satisfactory) appears. The exception to this is in the case of a given sample being marked with a guarantee, which is not required if vegetable seed is up to standard; then, if the seed is found to be below the regular tolerance from that guaranteed figure, the figure found upon test followed by "+" is listed as "mis-labeled" even though it might in some cases be up to standard.

The New Hampshire seed law and the rules and regulations thereunder, including the germination standards for vegetable seed, follow:



# STATE OF NEW HAMPSHIRE

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## CHAPTER 224, REVISED LAWS (As inserted by Chapter 54 Laws of 1943)

### AN ACT

To Regulate the Labeling, Sale and Offering or Exposing for Sale, of  
Agricultural and Vegetable Seeds

#### **Agricultural and Vegetable Seeds**

1. **Definitions.** Terms used in this chapter shall be construed as follows:

I. The term "agricultural seeds" shall include the seeds of grass, forage, cereal and fiber crops and any other kinds of seeds commonly recognized within this state as agricultural or field seeds, and mixtures of such seeds.

II. The term "vegetable seeds" shall include the seeds of those crops which are grown in gardens or on truck farms and are generally known and sold under the name of vegetable seeds in this state.

III. The term "weed seeds" shall include the seeds of all plants generally recognized as weeds within this state, and shall include noxious weed seeds.

IV. Noxious weed seeds shall be divided into two classes, "primary noxious weed seeds" and "secondary noxious weed seeds" as herein defined; provided, that the commissioner of agriculture may add to or subtract from the list of seeds included under either definition whenever he finds that such additions or subtractions are within the respective definitions.

V. "Primary noxious weed seeds" shall include the seeds of perennial weeds such as those that reproduce and spread by underground roots or stems as well as by seed, and which, when established, are highly destructive and difficult to control in this state by ordinary good cultural practice. Primary noxious weed seeds in this state are the seeds of: Canada thistle (*Cirsium arvense*), field bindweed (*Convolvulus arvensis*), and quackgrass (*Agropyron repens*).

VI. "Secondary noxious weed seeds" shall include the seeds of such weeds as are very objectionable in field, lawns, or gardens of this state, but can be controlled by good cultural practices. The secondary noxious weed seeds in this state are the seeds of: dodder (*Cuscuta* spp.) and crab grass (*Digitaria sanguinalis*).

VII. The term "labeling" includes all labels, and other written, printed, or graphic representations, in any form whatsoever, accompanying and pertaining to any seed whether in bulk or in containers, and includes invoices.

VIII. The term "advertisement" means all representations, other than those on the label, disseminated in any manner or by any means, relating to seed within the scope of this chapter.

2. **Label Requirement.** Each separate container of agricultural or vegetable seed, including seeds in small packets, which is sold, offered for sale, or exposed for sale, within this state for sowing purposes shall bear thereon or have attached thereto in a conspicuous place a plainly written or printed label or tag in the English language, giving the information as set forth in sections 3 and 4.

3. **Agricultural Seeds.** For agricultural seeds the following is required:

I. Commonly accepted name of kind, or kind and variety, of each agricultural seed component in excess of five per cent of the whole and the percentage by weight of each. Where more than one component is required to be named, the word "mixture" or "mixed" shall be associated with the name on the label.

II. Lot number or other lot identification.

III. Origin, if known, of alfalfa, red clover and field corn (except hybrid corn). If the origin is unknown, that fact shall be stated.

IV. Percentage by weight of all weed seeds, including those known as noxious weeds.

V. Secondary noxious weeds. The name and approximate number of each kind of secondary noxious weed seed, per ounce in groups (A) and (B) and per pound in groups (C) and (D), when present singly or collectively in excess of—

(A) One seed or bulblet in each 5 grams of *Agrostis* spp., *Poa* spp., Rhodes grass, Bermuda grass, timothy, orchard grass, fescues (except meadow fescue), alsike and white clover, reed canary grass, Dallis grass, and other agricultural seeds of similar size and weight, or mixtures within this group;

(B) One seed or bulblet in each 10 grams of ryegrass, meadow fescue, foxtail millet, alfalfa, red clover, sweetclovers, lespedezas, smooth brome, crimson clover, *Brassica* spp., flax, *Agropyron* spp., and other agricultural seeds of similar size and weight, or mixtures within this group, or of this group with (A);

(C) One seed or bulblet in each 25 grams of proso, Sudan grass and other agricultural seeds of similar size and weight, or mixtures not specified in (A), (B), or (D);

(D) One seed or bulblet in each 100 grams of wheat, oats, rye, barley, buckwheat, sorghums (except Sudan grass), vetches, and other agricultural seeds of a size and weight similar to or greater than those within this group, or any mixtures within this group.

All determinations of noxious weed seeds are subject to tolerances and methods of determination prescribed in the rules and regulations under this chapter.

VI. Percentage by weight of agricultural seeds other than those required to be named on the label.

VII. Percentage by weight of inert matter.

VIII. For each named agricultural seed, percentage of germination, exclusive of hard seed, percentage of hard seed, if present, and the calendar month and year the test was completed to determine such percentages.

IX. Name and address of the person who labeled said seed, or who sells, offers, or exposes said seed for sale within this state.

4. **Vegetable Seeds.** For vegetable seeds, the following is required:

I. Name of kind and variety of seeds, and the calendar month and year when last tested for germination.

II. For seeds which germinate less than the standard last established by the commissioner of agriculture hereunder, and in type not smaller than ten point size: percentage of germination exclusive of hard seed; percentage of hard seed, if present; and the words, "below standard."

III. Name and address of the person who labeled said seed, or who sells, offers or exposes said seed for sale within this state.

5. **Illegal Sales.** It shall be unlawful for any person to sell, offer for sale or expose for sale any agricultural or vegetable seed within this state:

I. Unless the test to determine the percentage of germination required by sections 3 and 4 shall have been completed within a nine-month period, exclusive of the calendar month in which the test was completed, immediately prior to sale, exposure for sale, or offering for sale or transportation.

II. Not labeled in accordance with the provisions hereof, or having a false or misleading labeling.

III. Pertaining to which there has been a false or misleading advertisement.

IV. Any agricultural seeds containing any primary noxious weed seeds except as may be allowed under tolerances prescribed in the rules and regulations hereunder.

6. **Prohibitions.** It shall be unlawful for any person within this state:

I. To detach, alter, deface, or destroy any label provided for herein or the rules and regulations made and promulgated hereunder, or to alter or substitute seed, in a manner that may defeat the purposes hereof.

II. To disseminate any false or misleading advertisement concerning agricultural or vegetable seed in any manner or by any means.

III. To hinder or obstruct in any way any authorized person in the performance of his duties hereunder.

IV. To fail to comply with a "stop sale" order.

7. **Exemptions.** The provisions of sections 2 to 6, inclusive, do not apply to seed or grain not intended for sowing purposes, nor to seed in storage in, or consigned to, a seed cleaning or processing establishment for cleaning or processing, provided, that any labeling or other representa-

tion which may be made with respect to the unclean seed shall be subject to the provisions hereof.

8. **Exceptions.** No person shall be subject to the penalties hereof for having sold, offered or exposed for sale in this state any agricultural or vegetable seeds, which were incorrectly labeled or represented as to kind, variety, or origin which seeds cannot be identified by examination thereof, unless he has failed to take all proper precautions to insure the identity to be that stated in accordance with rules and regulations hereunder.

9. **Duties and Authority of Commissioner of Agriculture.** The commissioner of agriculture, who may act through his authorized agents, shall have the power:

I. To sample, inspect, make analyses of, and test, agricultural and vegetable seeds transported, sold, offered or exposed for sale within this state for sowing purposes, at such time and place and to such extent as he may deem necessary to determine whether said agricultural or vegetable seeds are in compliance with the provisions hereof, and to notify promptly the person who transported, sold, offered or exposed the seed for sale, of any violation.

II. To prescribe, and after public hearing to adopt, rules and regulations governing the methods of sampling, inspecting, analysis, tests, and examination of agricultural and vegetable seed, and the tolerances to be followed in the administration hereof, which shall be in general accord with officially prescribed practice in interstate commerce, and such other rules and regulations as may be necessary to secure the efficient enforcement hereof.

III. To enter upon any public or private premises during regular business hours in order to have access to seeds subject to this chapter and the rules and regulations promulgated hereunder.

IV. To issue written or printed "stop sale" orders which shall prohibit further sale of any lot of agricultural or vegetable seed which the commissioner has reason to believe is in violation of any of the provisions hereof until the law has been complied with or said violation otherwise legally disposed of: Provided, that no "stop sale" order shall be issued or attached to any lot of seed without first giving the owner or custodian of such seed an opportunity to comply with the law or to withdraw the seed from sale.

V. To establish and maintain or make provision for seed testing facilities, to employ qualified persons, and to incur such expenses as may be necessary to comply with these provisions.

VI. To make or provide for making purity and germination tests of seeds for farmers and dealers on request; to prescribe rules and regulations governing such testing; and to fix and collect charges for the tests made. All fees collected hereunder shall be paid over by the commissioner to the state treasurer who shall keep the same in a special fund to be used only for purposes of this chapter.

VII. To cooperate with the United States Department of Agriculture in seed law enforcement.

10. **Seizure.** Upon the recommendation of the commissioner of agriculture or his duly authorized agents, the court of competent jurisdiction in the area in which the seed is located shall cause the seizure and subsequent denaturing, processing, or destruction to prevent the use for sowing purposes of any lot of agricultural or vegetable seed found to be unfit for sowing purposes: Provided, that in no instances shall the denaturing, processing, or destruction be ordered without first having given the claimant of said seed an opportunity to apply to said court for the release of said seed.

11. **Penalties.** Whoever violates any of the provisions of this chapter or any rule or regulation promulgated hereunder shall be fined not exceeding one hundred dollars for the first offense and not exceeding two hundred and fifty dollars for each subsequent offense. Fines collected hereunder shall be paid, by the court collecting the same, to the commissioner of agriculture and by him forwarded to the state treasurer for the use of the state.

12. **Publication.** The commissioner of agriculture shall publish, or cause to be published, the results of tests and analyses of samples of agricultural and vegetable seeds, as herein provided, together with the names and addresses of the persons from whom the samples of seed were obtained. He may publish such other information as he may deem advisable concerning the value, character and use of certain seeds.

13. **Takes Effect.** This act shall take effect upon its passage.

Approved March 10, 1943.

## RULES AND REGULATIONS

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### Sampling.

(a) In order to secure a representative sample, equal portions shall be taken from evenly distributed parts of the quantity of seed to be sampled. Access shall be had to all parts of that quantity.

(b) For free-flowing seed in bags or bulk, a probe or trier shall be used. For small free-flowing seed in bags, a probe or trier long enough to sample all portions of the bag should be used.

(c) Non-free-flowing seed, such as certain grass seed, uncleaned seed, or screenings, difficult to sample with a probe or trier, shall be sampled by thrusting the hand into the bulk and withdrawing representative portions.

(d) The portions shall be combined into a composite sample or samples.

(e) As the seed is sampled, each portion shall be examined, and, whenever there appears to be a lack of uniformity, additional samples shall be taken to show such lack of uniformity as may exist.

Bulk seeds shall be sampled by inserting a long probe or thrusting the hand into the bulk as circumstances require in several uniformly distributed parts of the quantity being sampled.

Bags. (1) In quantities of five bags or less, each bag shall be sampled.

(2) In quantities of more than five bags, at least every fifth bag but not less than five bags shall be sampled. Samples shall be drawn from unopened bags except under circumstances where the identity of the seed has been preserved.

In sampling packet seeds, entire unopened packets shall be taken.

Size of sample. The following are minimum weights of samples of seed to be submitted for analysis, test, or examination:

(1) Two ounces of grass seed not otherwise mentioned, white or alsike clover, or seeds not larger than these.

(2) Five ounces of red or crimson clover, alfalfa, ryegrass, brome-grasses, millet, flax, rape, or seeds of similar size.

(3) Two pounds of cereals, vetches, or seeds of similar or larger size.

(4) Two quarts of screenings.

### Analysis.

The New Hampshire seed laboratory will be guided in making purity and germination tests by the rules and regulations prescribed under the Federal Seed Act.

### Tolerance.

Owing to the natural variation between tests, the following tolerances shall be allowed between the percentages found by analysis, test or examination and the percentages stated on the tag accompanying the seed:



For purity: Allowing "a" to represent the component being considered and "b" the difference between that percentage and 100, according to the following formula:

$$\text{Pure seed tolerance} = 0.6 + \left( 0.2 \times \frac{a \times b}{100} \right)$$

a sample of timothy guaranteed 99.20 would have an allowable variation of .75 or could test as high as 99.95 or as low as 98.45 and be "satisfactory."

For germination: The following tolerances are applicable:

Healthy sprouts found by test in each 100 seeds	Tolerance
96 or over .....	5
90 or over but less than 96 .....	6
80 or over but less than 90 .....	7
70 or over but less than 80 .....	8
60 or over but less than 70 .....	9
Less than 60 .....	10

Therefore, a sample of seed guaranteed 85% for germination may be as high as 92% or as low as 78% and be "satisfactory."

For weed seeds: The law requires in the labeling of agricultural seed (1) that the percentage of all weed seeds present shall be shown on the tag, (2) that no primary noxious weed seeds shall be present in the sample, and (3) that secondary noxious weed seeds shall be given by name and approximate number, per ounce in groups (A) and (B) and per pound in groups (C) and (D), when present singly or collectively in excess of—

(A) One seed or bulblet in each 5 grams of *Agrostis* species, *Poa* species, *Rhodes* grass, *Bermuda* grass, timothy, orchard grass, fescues (except meadow fescue), alsike and white clover, reed canary grass, *Dallis* grass, and other agricultural seeds of similar size and weight, or mixtures within this group;

(B) One seed or bulblet in each 10 grams of ryegrass, meadow fescue, foxtail millet, alfalfa, red clover, sweetclovers, lespedezas, smooth brome, crimson clover, *Brassica* species, flax, *Agropyron* species, and other agricultural seeds of similar size and weight, or mixtures within this group, or of this group with (A);

(C) One seed or bulblet in each 25 grams of proso, Sudan grass and other agricultural seeds of similar size and weight, or mixtures not specified in (A), (B), or (D);

(D) One seed or bulblet in each 100 grams of wheat, oats, rye, barley, buckwheat, sorghum (except Sudan grass), vetches, and other agricultural seeds of a size and weight similar to or greater than those within this group, or any mixtures within this group.

Certain tolerances are allowed, however, to provide for variations and unavoidable errors, but only within very narrow limits and for which there is always a standard formula for computation. Examples: (1) Timothy guaranteed only 2 per cent weed seeds will not be condemned if it

has a 2.59 per cent. (2) No primary noxious weed seeds are allowed, but the presence of two such seeds in 50 grams of timothy would not be considered a violation. (3) Similarly, some slight variation from the minimum requirement for labeling secondary noxious weed seeds will be passed as satisfactory.

### **Free Testing**

The Seed Testing Laboratory will allow two free tests, in a given year, to any resident company or person of New Hampshire, but such seeds must be received in the laboratory during the months of October, November, December and January. This number of samples, not including mixtures, may be analyzed either for purity or for germination, or one sample for both purity and germination, free of charge. A given seed company will be entitled to two private tests without charge, but not two from each branch store. For numbers in excess of two, a charge will be made for labor and consumable supplies only, the amount depending on the type of sample according to the following schedule:

Germination tests of all vegetable seeds, 30 cents;

Germination tests of all agricultural crop seeds and grasses, 50 cents;

Germination tests of mixtures, 50 cents for each kind of seed present;

Purity analyses of cereals, timothy and larger crop seeds and legumes, \$1.00;

Purity analyses of small grasses, \$2.00; unhulled redtop, \$2.50;

Purity analyses of mixtures, including those for lawn and pasture seeding, a charge sufficient to cover the actual cost of working the sample submitted for test, minimum charge of \$2.50.

Such private samples of seed to be tested should be drawn in such a way as to be representative of the bulk lot from which they are taken, and should be addressed to the State Seed Testing Laboratory, Durham, New Hampshire. Such private tests cannot be declared as state official tests unless drawn by a representative of the department of agriculture, as provided in Chapter 224 of the Public Laws. Fees must be paid before reports will be sent out.

The minimum weights of samples to be submitted for analysis are:

1. Two ounces of grass seed, white or alsike clover, or seeds not larger than these.

2. Five ounces of red or crimson clover, alfalfa, rye grasses, millet, rape, or seeds of similar size.

3. One pound of cereal, vetches or seeds of similar or larger size.

The minimum number of seeds of any one kind to be submitted for a germination test is 400.

### **Germination Standards for Vegetable Seed.**

Following are the germination standards established by the commissioner of agriculture pertaining to Section four of the act entitled Vegetable Seeds.

	Per cent		Per cent
Artichoke .....	60	Leek .....	60
Asparagus, including hard seeds .....	70	Lettuce .....	80
Beans (except lima) .....	75	Muskmelon .....	75
Beans, lima .....	70	Mustard .....	75
Beets .....	65	Okra .....	50
Broccoli .....	75	Onion .....	70
Brussels sprouts .....	70	Parsley .....	60
Cabbage .....	75	Parsnip .....	60
Carrot .....	55	Peas .....	80
Cauliflower .....	75	Pepper .....	55
Celery and celeriac .....	55	Pumpkin .....	75
Chicory .....	65	Radish .....	75
Citron .....	65	Rhubarb .....	60
Collards .....	80	Rutabaga .....	75
Corn .....	75	Salsify .....	75
Cress, garden .....	40	Sorrel .....	60
Cress, water .....	25	Spinach (except New Zealand) .....	60
Cucumber .....	80	Spinach (New Zealand) ...	40
Dandelion .....	45	Squash .....	75
Eggplant .....	60	Swiss chard .....	65
Endive .....	70	Tomato .....	75
Fetticus (cornsalad) .....	70	Tomato, husk .....	50
Kale .....	75	Turnip .....	80
Kohlrabi .....	75	Watermelon .....	70

## Labeling.

The following labels are suggested as meeting the minimum requirements of the New Hampshire seed law.

Example for unmixed agricultural seed:

John F. Doe Company Greene, N. H.	Mammoth Clover		Lot No. 243	
	Pure seed	98.65	Germination	80%
	Crop seed	.86		
	Weeds	.38	Hard seeds	7
	Inert Matter	.11		
	Origin Idaho		Date of test Jan. 1950	
	1 dodder per oz.			

Example for mixed agricultural seed:

John F. Doe Company Greene, N. H.	Grass seed, mixed		Lot No. 0236	
	Purity:		Germination:	
	Perennial rye grass	32.23%	92.5%	Jan. 1950
	Chewing fescue	18.08	85.0%	Dec. 1949
	Kentucky bluegrass	14.75	80.0%	Jan. 1950
	Canada bluegrass	15.37	58.5%	Jan. 1950
	Creeping bent	14.20	84.0%	Jan. 1950
	Crop seed	.61		
	Weed seed	2.07		
	Inert matter	2.69		
5 Crabgrass per oz.				

Example for vegetable seed:

(Up to standard)	“New York Lettuce John Smith, Dale, Ill. Date of germination test: Feb. 7, 1950.”
(For vegetable seed which germinates less than standard)	“New York Lettuce John Smith, Dale, Ill. Date of germination test: Feb. 7, 1950.” Germination 75% BELOW STANDARD

The law states that “each separate container of agricultural or vegetable seed, including seeds in small packets, shall be labeled”; but if a dealer has bulk lots of seeds exposed for sale and these bulk lots are properly labeled, he shall not be required to copy the information from the label on to each individual bag in which he delivers small lots of this bulk seed over the counter to customers.

# New Hampshire Experiment Station

## AGRICULTURAL SEED INSPECTION, 1950

Name and Address of Wholesaler Name and Address of Dealer Kind of Seed	Sample No.	Date Tested*	Pure Seed	(Note)	Other Crop Seed	Weed Seed	Inert Matter	Germi- nation	Remarks
<b>ALLEN, STERLING &amp; LOTHROP,</b> Portland, Me. Moulton & Goodwin, Portsmouth Spring Wheat, 8766 .....	1857	S	L F	99.01 S	.06 S	.03 S	.09 S	26 S	
<b>Arthur L. Potter, Conway</b> Hungarian Millet, 5833 .....	2290	S	L F	98.90 85.45	.90 13.69	.06 .80	.14 S	85 S	Purity below guarantee; weed seeds & other crop seeds ex- cessive.
Buckwheat, Japanese, 86-23 .....	2286	S	L F	99.85 S	.01 S	.01 S	.13 S	90 S	
Japanese Millet, 5839 .....	2287	S	L F	98.84 S	.10 S	1.10 S	.06 S	88 S	
Red Clover, Acme, 2225 .....	2288	S	L F	99.30 S	.42 S	.04 S	.24 S	70.5 S	Germination below guarantee.
Redtop, 2722 .....	2289	S	L F	92.26 S	2.06 S	.44 S	5.24 S	89 S	
<b>E. W. BAILEY, Montpelier, Vermont</b> Colebrook Grain Co., Colebrook Oats, Clinton, 134-150 .....	2244	S	L F	99.00 S	.50 S	.20 S	.30 S	95 S	
<b>W. ATLEE BURPEE, Philadelphia, Pa.</b> Industrial School, Manchester Mangel, Studstrup .....	1690	S	L F					65 S	
<b>ARTHUR R. CONE, Buffalo, N. Y.</b> W. R. Barnett Co., Colebrook Alsike Clover, 25-530 .....	2278	S	L F	97.81 S	1.64 S	.09 S	.46 S	68 A	
Brome Grass, 43-52 .....	2279	S	L F	90.35 S	.31 S	.08 S	9.26 S	90 S	
Japanese Millet, 90 x 177 .....	2280	S	L F	96.88 S	.00 S	3.00 S	.12 S	80 S	

\*As stated on accompanying tag, "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation. Note: L=Label; F=Found. "S" in the Found line indicates that the sample was satisfactory in relation to the guarantee. Figures indicate violation. A=Above guarantee.

Name and Address of Wholesaler Name and Address of Dealer Kind of Seed	Sample No.	Date Tested*	Pure Seed		Other Crop Seed	Weed Seed		Inert Matter	Germi- nation		Remarks
			(Note)	(Note)	(Note)	(Note)	(Note)	(Note)	(Note)	(Note)	
<b>Cheshire Farmers' Exchange, Keene</b> Redtop, 30-208 .....	1674	S	L F	92.50 S	.10 S	6.90 S	.50 S		90 S		
<b>General Mills, Inc., Exeter</b> Alfalfa, 28-482 .....	2112	S	L F	99.61 S	.03 S	.21 S	.10 S		58 A		
Buckwheat, Japanese, 58 x 135 .....	2110	S	L F	99.10 S	.72 S	.06 S	.12 S		96 S		
Oats, Clinton, 50-340 .....	2113	S	L F	99.50 S	.00 S	.00 S	.50 S		90 S		
Reed Canary Grass, 44-40 .....	2111	S	L F	99.05 S	.05 S	.25 S	.65 S		75 S		
<b>General Mills, Inc., Nashua</b> Alfalfa, Canada Grimm, 28-497 .....	1678	S	L F	99.24 S	.33 S	.27 S	.16 S		80 S		
Red Clover, Ontario Medium, 15-840 .....	1676	S	L F	99.16 S	.62 S	.04 S	.18 S		80 S		
Redtop, 30-208 .....	1677	S	L F	92.50 S	.10 S	.50 S	6.90 S		90 S		Germination below guarantee.
<b>Lakes Region Feed &amp; Supply Co., Laconia</b> Alfalfa, 28-504 .....	1979	S	L F	99.22 S	.18 S	.40 S	.20 S		66 S		
Japanese Millet, 90 x 177 .....	1980	S	L F	96.88 S	.00 S	3.00 S	.12 S		80 S		
Timothy, 10 x 934 .....	1978	S	L F	99.60 S	.10 S	.15 S	.15 S		90 S		
<b>Moulton &amp; Goodwin, Portsmouth</b> Ladino Clover, 1 .....	1854	S	L F	99.25 S	.15 S	.20 S	.40 S		62 A		
Rape, Dwarf Essex, 72-33 .....	1856	S	L F	99.70 S	.11 S	.04 S	.08 S		89 S		
Red Clover, Medium, 15 x 840 .....	1853	S	L F	99.16 S	.62 S	.04 S	.18 S		80 S		
Timothy, 10 x 907 .....	1852	S	L F	99.66 S	.04 S	.05 S	.25 S		85 S		
White Clover, 32-106 .....	1858	S	L F	99.16 S	.59 S	.20 S	.05 S		92 S		
<b>F. B. Spaulding Co., Lancaster</b> Alsike Clover, 25-631 .....	2283	S	L F	98.50 S	1.05 S	.20 S	.25 S		65 A		

Buckwheat, Japanese, 58-141 .....	2285	S	L	99.50	.00	.10	.40	90
			F	S	S	S	S	S
Red Clover, Medium, 15-840 .....	2284	S	L	99.16	.62	.04	.18	80
			F	S	S	S	S	S
Timothy, 5029 .....	2282	S	L	99.60	.10	.05	.25	90
			F	S	S	S	S	S
<b>Sunshine Feed Store, Contoocook</b>								
Red Clover, Medium, 15-840 .....	2135	S	L	99.16	.62	.04	.18	80
			F	S	S	S	S	A
Timothy, 10 x 93 .....	2134	S	L	99.60	.10	.10	.20	90
			F	S	S	S	S	S
<b>I. G. Young, North Stratford</b>								
Alsike Clover, 25530 .....	2276	S	L	97.81	1.64	.09	.46	68
			F	S	S	S	S	A
Buckwheat, Japanese, 58 x 13 .....	2277	S	L	99.10	.72	.06	.12	96
			F	S	S	S	S	S
<b>GRAVER-DICKINSON SEED CO.,</b>								
Buffalo, N. Y.								
Colebrook Grain Co., Colebrook								
Timothy, 66-568 .....	2243	S	L	99.60	.20	.10	.10	90
			F	S	S	S	S	S
<b>Farmers' Feed &amp; Supply Co., Hillsboro</b>								
Timothy, 66-568 .....	1783	S	L	99.60	.20	.10	.10	90
			F	S	S	S	S	S
<b>Folansbee Grain Co., Lebanon</b>								
Alsike Clover, 21518 .....	2172	S	L	98.75	1.15	.05	.05	71
			F	S	S	S	S	S
Brome Grass, 9719C .....	2171	S	L	93.44	.04	.02	6.50	94
			F	S	S	S	S	S
Hungarian Millet, 83-5 .....	2173	S	L	98.36	.02	1.36	.24	81
			F	S	S	S	S	S
Redtop, 41-44 .....	2174	S	L	92.00	1.50	.50	6.00	90
			F	S	S	S	S	S
<b>THE ALBERT DICKINSON CO.,</b>								
Chicago, Ill.								
Merrimack Farmers' Exch., Inc., Bradford								
Alfalfa, Grimm, 2747 .....	1951	S	L	99.26	.60	.08	.06	62
			F	S	S	S	S	S
Brome Grass, Lincoln type 9787 .....	1952	S	L	88.00	.26	.18	11.56	85
			F	S	S	S	S	S
Red Fescue, Creeping, 34472 .....	1950	S	L	98.05	.05	.05	1.85	90
			F	S	S	S	S	S

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Name and Address of Wholesaler Name and Address of Dealer Kind of Seed		Sample No.	Date Tested*	Pur- Seed (Note)	Other Crop Seed (Note)	Weed Seed (Note)	Inert Matter (Note)	Germi- nation (Note)	Remarks
<b>Merrimack Farmers' Exch., Inc., Henniker</b>									
Timothy, 66191 .....		2140	S	L F 99.70 S	.05 S	.05 S	.20 S	90 S	
<b>Merrimack Farmers' Exch., Inc., Laconia</b>									
Ladino Clover, 26956 .....		1836	S	L F 99.80 S	.05 S	.05 S	.10 S	62 S	
<b>Merrimack Farmers' Exch., Inc., Milford</b>									
Alfalfa, Grimm, 27-3 .....		1984	S	L F 99.02 S	.42 S	.45 S	.11 S	80 S	
Alsike Clover, 21361 .....		1982	S	L F 99.00 S	.80 S	.10 S	.10 S	83 S	
Red Clover, Medium, 24851 .....		1983	S	L F 99.36 S	.50 S	.04 S	.10 S	65 S	
Timothy, 66191 .....		1981	S	L F 99.70 S	.05 S	.05 S	.20 S	90 S	
<b>Merrimack Farmers' Exch., Inc., Pittsfield</b>									
Red Clover, Medium, 24851 .....		1860	S	L F 99.36 S	.50 S	.04 S	.10 S	65 A	
Timothy, 66191 .....		1859	S	L F 99.70 S	.05 S	.05 S	.20 S	90 S	
<b>EASTERN STATES FARMERS' EX- CHANGE, West Springfield, Mass.</b>									
<b>Eastern States Farmers' Exch., Manchester</b>									
Alsike Clover, 1789 .....		2159	S	L F 99.20 S	.30 S	.20 S	.30 S	75 A	
Red Clover, 1774 .....		2160	S	L F 99.35 S	.40 S	.15 S	.10 S	79 S	
Redtop, Fancy Solid, 1720 .....		2161	S	L F 95.35 S	.50 S	.40 S	3.75 S	92 S	
Reed Canary Grass, 1764 .....		2162	S	L F 97.50 S	.30 S	.20 S	2.00 S	62 S	
<b>Eastern States Farmers' Exch., Woodsville</b>									
Buckwheat, 760 .....		2240	S	L F 99.50 S	.10 S	.05 S	.35 S	90 S	
Corn, Cornell, 29-3, 1805 .....		2238	S	L F 99.50 S	.00 S	.00 S	.50 S	90 A	
Field Peas, Canada, 539 .....		2236	S	L F 99.50 S	.00 S	.00 S	.50 S	90 S	
Hungarian Millet, 1757 .....		2239	S	L F 98.60 S	.10 S	1.10 S	.20 S	80 S	
Soybeans, 459 .....		2237	S	L F 99.25 S	.00 S	.00 S	.75 S	84 S	



**HOLBROOK GROCERY CO., Keene, N. H.**

[illegible]

**MERRIMACK FARMERS' EXCH., INC.,**

	1953	\$	L	F	98.28	.00	\$	1.64	.08	\$	85
<b>Concord</b>											
<b>Merrimack Farmers' Exch., Inc., Bradford</b>											
Japanese Millet, 120 .....	1953	\$	L	F	98.28	.00	\$	1.64	.08	\$	85
<b>Merrimack Farmers' Exch., Inc., Epsom</b>											
Alsike Clover, 2135051 .....	2005	\$	L	F	99.10	.65	\$	.05	.20	\$	75
Red Clover, Medium, 24842 .....	2006	\$	L	F	99.66	.06	\$	.26	.02	\$	78
<b>Merrimack Farmers' Exch., Inc., Henniker</b>											
Rape, Dwarf Essex, 95705 .....	2141	\$	L	F	99.00	.09	\$	.30	.61	\$	87

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Name and Address of Wholesaler Name and Address of Dealer Kind of Seed	Sample No.	Date Tested*	Pure Seed (Note)	Other Crop Seed (Note)	Weed Seed (Note)	Inert Matter (Note)	Germi- nation (Note)	Remarks
<b>Merrimack Farmers' Exch., Inc., Laconia</b>								
Brome Grass, 9787 .....	1938	S	L 88.00 F	.26 S	.18 S	11.56 S	85 S	
Hungarian Millet, 83114 .....	1937	S	L 98.10 F	.07 S	.67 S	.26 S	79 S	
White Dutch Clover, 026981-2 .....	1939	S	L 98.30 F	1.05 S	.30 S	.35 S	81 S	
<b>Merrimack Farmers' Exch., Inc., Pittsfield</b>								
Alfalfa, 27-3 .....	1862	S	L 99.02 F	.42 S	.45 S	.11 S	90 S	
<b>Merrimack Farmers' Exch., Inc., Rochester</b>								
Mangel Beets, Long Red, No. 3-1-D .....	1959	S	L	.05	.05	.10	71	
Ladino Clover, 076956 .....	1964	S	L 99.80 F	.50 S	.04 S	.10 S	62 S	
Red Clover, Medium, 24851 .....	1965	S	L 99.36 F	.50 S	.04 S	.10 S	49.5	Germination below guarantee.
Redtop, 41461 .....	1963	S	L 94.00 F	.01 S	.60 S	5.39 S	65 A	
<b>PARK AND POLLARD, Biddeford, Me.</b>								
Farmers' Feed & Supply Co., Colebrook Corn, Cornell, 29-3, 71256 .....	2223	S	L 99.50 F	.00 S	.00 S	.50 S	92 S	
Field Peas, Canada, 6525 .....	2222	S	L 98.57 F	.42 S	.02 S	.93 S	80 S	
Ladino Clover, 56 L 50 .....	2225	S	L 99.60 F	.05 S	.03 S	.30 S	55 S	
Red Clover, Medium, 50625 .....	2224	S	L 99.26 F	.68 S	.04 S	.02 S	90 S	
<b>O. M. SCOTT &amp; SONS CO., Marysville, Ohio</b>								
Moran's Hardware, Manchester White Dutch Clover, J 462 .....	1773	S	L 98.00 F	.00 S	.09 S	1.91 S	70 A	
<b>SEARS, ROEBUCK &amp; CO., Chicago, Ill.</b>								
Sears, Roebuck & Co., Nashua Grass Seed, Green Karpet, OD 954 .....	1672	S	L .. F	.80 S	.60 S	11.85 S	..	
Domestic Ryegrass .....			L 46.53 F	..	..	..	90 S	

Perennial Ryegrass .....	L 24.50 F S				90 S
Kentucky Bluegrass .....	L 10.20 F S				73 S
Redtop .....	L 5.52 F S				85 S
<b>STANFORD SEED CO., Binghamton, N. Y.</b>					
Chase Grain Mill, Plymouth					
Japanese Millet, 1351 .....	S	L 99.48 F S	.00	.48	90 S
Red Clover, Medium, 5236 .....	S	L 99.25 F S	.24	.32	59.5 Germination below guarantee. 84
Redtop, 2499 .....	S	L 90.37 F S	.00	.28	90 S
Timothy, 2141 .....	S	L 99.60 F S	.03	.05	73 Germination below guarantee. 90 Germination below guarantee.
<b>Colebrook Grain Co., Colebrook</b>					
Barley, 5205 .....	S	L 99.14 F S	.56	.01	90 S
Corn, Early August, 2508 .....	S	L 99.00 F S	.5	.5	90 A
<b>STANFORD SEED CO., Buffalo, N. Y.</b>					
R. N. Johnson, Walpole					
Japanese Millet, 1351 .....	S	L 99.48 F S	.5	.48	90 S
Ladino Clover, 5919 .....	S	L 98.00 F S	.40	.40	75 S
Red Clover, Medium, 5236 .....	S	L 99.25 F S	.24	.35	A 63 dodder per pound found. 84 S
<b>STANFORD SEED CO., Binghamton, N. Y.</b>					
Londonderry Grain Co., Londonderry					
Corn, Yellow Sweepstakes, 2821 .....	S	L 99.00 F S	.5	.5	90 S
Hungarian Millet, 2406 .....	S	L 98.76 F S	.00	1.12	85 S
Red Clover, 4451 .....	S	L 99.25 F S	.45	.20	71 S
Timothy, 2405 .....	S	L 99.60 F S	.07	.08	76 S
					90 S

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Name and Address of Wholesaler Name and Address of Dealer Kind of Seed			Sample No.	Date Tested*	Pure Seed (Note)	Other Crop Seed (Note)	Weed Seed (Note)	Inert Matter (Note)	Germi- nation (Note)	Remarks
<b>Meredith Grain Co., Meredith</b>										
Alsike Clover, 5316 .....			1992	S	L 97.50 F 98.50	1.50 S .68	.42 S .33	.58 S .49	80 S 85	27 Crabgrass per pound found.
Hungarian Millet, 2664 .....			1989	S	L 98.50 F 99.42	S .68 S .5	.33 S .48	.49 S .04	85 S 90	75.5 Germination below guarantee.
Japanese Millet, 1351 .....			1993	S	L 99.42 F 99.25	S .5 S .24	.48 S .35	.04 S .16	90 S 84	
Red Clover, Medium, 5236 .....			1990	S	L 99.25 F 99.60	S .5 S .05	.35 S .05	.16 S .30	84 S 90	75.5 Germination below guarantee.
Timothy, 2141 .....			1991	S	L 99.60 F	S .05 S	.05 S	.30 S	90 S	
<b>STANFORD SEED CO., Buffalo, N. Y.</b>										
<b>Merrimack Farmers' Exch., Henniker</b>										
Corn, W. B. Sweepstakes, 5148 .....			2142	S	L 99.00 F	S .5 S	.5 S	1.00 S	92 S	
<b>STANFORD SEED CO., Binghamton, N. Y.</b>										
<b>Wirthmore Grain Co., Nashua</b>										
Hungarian Millet, 2406 .....			1882	S	L 98.76 F	S .5 S	1.12 S	.12 S	85 S 67	Germination below guarantee.
<b>Wirthmore Grain Co., Rochester</b>										
Hungarian Millet, 2406 .....			1969	S	L 98.76 F 98.22	.00 S .00	1.12 S 1.60	.12 S .18	85 S 90	
Japanese Millet, 5196 .....			1967	S	L 98.22 F 93.17	S .00 S .07	S .42 S .08	S 6.41 S .25	S 90 S 90	
Redtop, 2308 .....			1966	S	L 93.17 F 99.60	S .00 S .07	.42 S .08	6.41 S .25	90 S 90	
Timothy, 2405 .....			1968	S	L 99.60 F	S .07 S	S .08 S	.25 S	90 S	
<b>WHITNEY SEED CO., Buffalo, N. Y.</b>										
<b>R. J. Barbin &amp; Co., Berlin</b>										
Alsike Clover, 1539 .....			2275	S	L 99.45 F 99.68	.20 S .10	.15 S .09	.20 S .13	84 S 90	
Buckwheat, 8162 .....			2273	S	L 99.68 F 99.60	S .10 S .30	.09 S .05	.13 S .05	90 S 90	
Timothy, 1226 .....			2274	S	L 99.60 F	S .30 S	.05 S	.05 S	90 S	
<b>Checkerboard Feed Store, Claremont</b>										
Barley, Wisconsin No. 38, 80477 .....			1945	S	L 99.20 F 99.68	.49 S .10	.02 S .09	.29 S .13	92 S 90	
Buckwheat, 6182 .....			1943	S	L 99.68 F	S .10 S	.09 S	.13 S	90 S	

Corn, West Branch Sweepstakes, 70608 ...	1940	S	L 99.50 F 99.50	.50	.50	.50	90 S
Corn, Cornell 29-3, 21256 .....	1942	S	L 99.50 F 99.50	.50	.50	.50	92 S
Corn, Cornell 11, 70601 .....	1944	S	L 99.50 F 99.50	.50	.50	.50	94 S
Japanese Millet, 46559 .....	1941	S	L 98.03 F 98.03	.01	1.92	.04	85 S
<b>Checkerboard Feed Store, Dover</b>							
Hungarian Millet, 48529 .....	1796	S	L 98.77 F 99.60	.10	.88	.25	80 S
Timothy, 1224 .....	1797	S	L 99.60 F 99.60	.10	.05	.25	90 S
<b>Checkerboard Feed Store, Lancaster</b>							
Corn, Early August, 70618 .....	2225	S	L 99.50 F 99.50	.50	.50	.50	90 S
<b>Checkerboard Feed Store, Manchester</b>							
Brome Grass, 3887 .....	2128	S	L 90.20 F 67.28	.10	.00	9.70	90 S
Buckwheat, 8162 .....	2129	S	L 99.68 F 99.68	.10	.09	32.66	90 S
Chewings Fescue, N. Z., 26623 .....	2125	S	L 99.00 F 99.00	.40	.05	.55	85 S
Hungarian Millet, 48529 .....	2124	S	L 98.77 F 98.77	.10	.88	.25	80 S
Kentucky Bluegrass, 3670 .....	2127	S	L 87.15 F 87.15	.00	.23	12.62	80 S
Ryegrass, Domestic, 44566 .....	2126	S	L 99.32 F 99.32	.02	.46	.20	90 S
<b>Farmers' Feed &amp; Supply Co., Claremont</b>							
Alsike Clover, 1536 .....	1973	S	L 99.64 F 99.64	.30	.02	.04	70 S
Redtop, 40497 .....	1970	S	L 92.00 F 92.00	1.25	.50	6.25	65 S
Sudan Grass, 3026 .....	1972	S	L 98.70 F 98.70	.65	.01	.64	85 S
Sweet Clover, Yellow Blossom, 5544 ....	1974	S	L 99.92 F 99.92	.02	.04	.02	74 S

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Name and Address of Wholesaler Name and Address of Dealer Kind of Seed			Sample No.	Date Tested*	Pure Seed (Note)	Other Crop Seed (Note)	Weed Seed (Note)	Inert Matter (Note)	Germi- nation (Note)	Remarks
<b>Farmers' Feed &amp; Supply Co., Hillsboro</b>										
Alsike Clover, 1532 .....			1784	S	L 98.90 F .	.50 S	.45 S	.15 S	76 S	
Corn, Leaming, 70567 .....			1788	S	L 99.50 F .	.53 S	. S	.50 S	90 S	
Redtop, 40499 .....			1786	S	L 93.28 F 89.92	1.36 S	.22 S	5.97 8.45 S	90 S	Purity and germination below guarantee; other crop seeds and inert matter excessive.
<b>Farmers' Feed &amp; Supply Co., Lancaster</b>										
Barley, 80548 .....			2272	S	L 98.24 F .	.11 S	1.64 S	.01 S	90 S	
Brome Grass, Lincoln, 3886 .....			2270	S	L 87.30 F .	.23 S	1.03 S	11.44 S	90 S	
Buckwheat, Japanese, 159 .....			2269	S	L 99.85 F .	.01 S	.01 S	.13 S	90 S	
Japanese Millet, 46559 .....			2271	S	L 98.03 F .	.01 S	1.92 S	.04 S	85 S	
<b>Farmers' Feed &amp; Supply Co., Lebanon</b>										
Barley, 6-row, 80442 .....			2175	S	L 98.75 F .	.96 S	.01 S	.28 S	92 S	
Corn, Leaming, 70610 .....			2176	S	L 99.50 F .	.00 S	.00 S	.50 S	89 S	
Corn, Yellow Sweepstakes, 70605 .....			2177	S	L 99.50 F .	.00 S	.00 S	.50 S	90 S	
Sudan Grass, 3026 .....			2178	S	L 98.70 F .	.65 S	.01 S	.64 S	85 S	
<b>Farmers' Feed &amp; Supply Co., Newport</b>										
Hungarian Millet, 48529 .....			1975	S	L 98.77 F .	.10 S	.88 S	.25 S	80 S	
Ladino Clover, 56150 .....			1977	S	L 99.60 F .	.05 S	.06 S	.30 S	55 S	
Timothy, 1221 .....			1976	S	L 99.60 F .	.20 S	.10 S	.20 S	90 S	Other crop seeds excessive.
<b>E. C. &amp; W. L. Hopkins Co., Greenfield</b>										
Japanese Millet, 46559 .....			1947	S	L 98.03 F .	.01 S	1.92 S	.04 S	85 S	
Red Clover, Medium, 50624 .....			1946	S	L 99.08 F .	.84 S	.06 S	.02 S	90 S	Germination below guarantee.

Redtop, 40497 .....	1949	S	L 92.00 F	1.25 S	.50 S	6.25 S	85 S
Timothy, 1224 .....	1948	S	L 99.60 F	.10 S	.05 S	.25 S	90 S
<b>Moreau's Hardware, Manchester</b> White Clover for Lawns, Lot P 2148 .....	1774	S	L 97.00 F	1.00 S	.30 S	1.70 S	80 S

It is presumed that the following sample of seed was carried over by the dealer from the previous season; hence, the name of the wholesaler is omitted.

<b>Merrimack Farmers' Exch., Inc., Exeter</b> Alsike Clover .....	1747	5/1949	L 99.10 F	.65 S	.05 S	.20 S	75 A
							No lot No. given. Not tested within 9 months.

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# New Hampshire Experiment Station

## VEGETABLE SEED INSPECTION, 1950

Name and Address of Wholesaler Name and Address of Dealer or Place Collected Kind of Seed	Sample No.	Date Tested*	Germination		
			Found	Guaran- teed**	N. H. Standard
(Note)					
<b>ALLEN, STERLING &amp; LOTHROP,</b> Portland, Me.					
<b>Carroll County Hardware, North Conway</b>					
Beans, Kentucky Wonder .....	2189	S	S	90	75
Beans, Bountiful .....	2190	SSS	SSS	90	75
Peas, Blue Bantam .....	2188	S	S	90	80
Peas, Gradus .....	2191	S	S	90	80
<b>Moulton Store, Ossipee</b>					
Peas, Tall Telephone .....	2192	S	S	90	80
Peas, World's Record .....	2193	SS	66	90	80
Peas, Thomas Laxton .....	2194	S	S	85	80
Peas, Gradus .....	2195	S	S	90	80
<b>ASSOCIATED SEED GROWERS, INC.,</b> Milford, Conn.					
<b>Ayers &amp; Jenkins Co., Rochester</b>					
Peas, Sutton's Excelsior .....	2020	S	S	86	80
Peas, World's Record .....	2021	S	S	90	80
Peas, Dwarf Telephone .....	2022	S	56	80	80
<b>Farmers' Feed &amp; Supply Co., Claremont</b>					
Corn, Golden Sunshine .....	1971	S	S	80	75
<b>Farmers' Feed &amp; Supply Co., Hillsboro</b>					
Cucumber, Marketer .....	1789	S	S	80	80
<b>Glazier &amp; Fox Inc., Portsmouth</b>					
Carrots, Nancy .....	1891	S	S	55	55
<b>Haskins Hardware, Wolfeboro</b>					
Beans, Dwarf Horticultural .....	2196	S	S	90	75
Beans, Kentucky Wonder Pole .....	2197	SS	S	77	75
Carrot, Danvers Half Long .....	2198	SS	S	83	55
Corn, Alphagold .....	2199	S	S	..	75
Corn, Golden Bantam .....	2200	SS	S	..	75
<b>Marcotte's Hardware, Epping</b>					
Carrot, Imperator .....	1893	S	S	55	55
<b>Meredith Grain Co., Meredith</b>					
Beet, Asgrow Wonder .....	1994	S	S	70	65
<b>Merrimack Farmers' Exch., Inc., Concord</b>					
Beans, Tenderlong, 1-1-D .....	1664	S	S	85	75
Beans, French Horticultural .....	1665	S	S	80	75
<b>Moulton &amp; Goodwin, Portsmouth</b>					
Beans, Boston Pea .....	1850	S	66	85	75
Lima Beans, Fordhook Bush .....	1849	S	55	90	70
New Zealand Spinach .....	1851	S	54†	71	40
<b>Northern Hardware, Littleton</b>					
Beans, Golden Wax Improved .....	2207	S	S	80	75
Beets, Detroit Dark Red .....	2208	SS	S	80	65
Corn, Golden Bantam .....	2206	S	S	90	75
<b>Thompson &amp; Hoague Co., Concord</b>					
Cucumber, Cubit .....	1900	S	S	..	80
<b>BRECK'S, Boston, Mass.</b>					
<b>Borcher's Hardware, Salem Depot</b>					
Carrot, Chantenay .....	1735	S	S	55	55
Onion, Red Wethersfield .....	1734	S	S	75	70

\*As stated on label, "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation.

\*\*Sometimes stated on label but is not required if vegetable seed is up to standard.  
Note: S in this column indicates that the sample was satisfactory,—up to standard and within the allowable variation from the guarantee. Figures alone indicate that the sample was below standard.  
†after the figure indicates that the sample was up to standard but below guarantee.



Name and Address of Wholesaler Name and Address of Dealer or Place Collected Kind of Seed	Sample No.	Date Tested*	Germination		
			Found	Guaran- teed**	N. H. Standard
(Note)					
<b>Derby's Dep't Store, Peterboro</b>					
Beans, Pencil Pod Black Wax Bush .....	1817	S	S	80	75
Corn, Golden Bantam .....	1816	S	S	85	75
Peas, Telephone .....	1815	S	S	85	80
<b>Gardner Hardware, Concord</b>					
Carrot, Golden Beauty .....	1897	S	S	55	55
Watermelon, Harris Earliest .....	1896	S	S	..	70
<b>Halladay's Hardware, Hillsboro</b>					
Beet, Detroit Dark Red .....	2136	S	S	70	65
Corn, Marcross .....	2139	S	S	90	75
Peas, Blue Bantam .....	2137	S	S	85	80
Peas, World's Record .....	2138	S	S	90	80
<b>Hardware House, Durham</b>					
Cabbage, Copenhagen Market .....	1782	S	S	80	75
Pepper, Long Red Cayenne .....	1776	S	S	65	55
Tomato, Certified Marglobe .....	1802	S	S	80	75
Turnip, Purple Top Strap Leaf .....	1777	S	S	80	80
<b>P. A. Hicks &amp; Son, Colebrook</b>					
Cabbage, Early Jersey Wakefield .....	2220	S	S	80	75
Cucumber, Boston Pickling .....	2221	S	S	80	80
Peas, Dwarf Improved Hundredfold .....	2219	S	S	85	80
Watermelon, Harris Earliest .....	2222	S	S	75	70
<b>Laconia Hardware, Laconia</b>					
Beans, Goddard String Beans .....	2008	S	S	..	75
Peas, Little Marvel .....	2007	S	S	..	80
Peas, Tall Telephone .....	2009	S	S	..	80
Peas, Nott's Excelsior .....	2010	S	S	..	80
<b>Neal's Hardware, Derry</b>					
Cucumber, Straight Eight .....	1719	S	S	80	80
Lettuce, Slobolt .....	1721	S	S	80	80
New Zealand Spinach .....	1722	S	S	45	40
Parsnip, Hollow Crown .....	1720	S	S	60	60
Pepper, Early Calwonder .....	1723	S	S	60	55
<b>Peterboro Hardware, Peterboro</b>					
Celery, Giant Pascal .....	1846	S	S	..	55
Spinach, Bloomsdale .....	1847	S	S	65	60
Radish, French Breakfast .....	1848	S	S	80	75
<b>Rand Hardware, Plymouth</b>					
Beans, Vermont Cranberry .....	1998	S	S	85	75
Beans, Dwarf Horticultural .....	1999	S	S	85	75
Beans, Pencil Pod Black Wax .....	2001	S	S	84	75
Peas, Improved Telephone .....	2000	S	S	96	80
Peas, World's Record .....	2002	S	S	90	80
<b>Reddy's Market, Contoocook</b>					
Cabbage, Danish Ballhead .....	2165	S	S	75	75
Lettuce, Slobolt .....	2166	S	S	80	80
Tomato, Earliana .....	2163	S	S	80	75
Tomato, Rutgers .....	2164	S	S	80	75
<b>Wendell's, Portsmouth</b>					
Muskmelon, Bender's Surprise .....	1930	S	S	80	75
Parsley, Plain .....	1928	S	S	60	60
Pumpkin, Small Sweet Sugar .....	1925	S	S	80	75
Radish, Sparkler .....	1926	S	S	80	75
<b>W. ATLEE BURPEE, Philadelphia, Pa.</b>					
<b>Glazier &amp; Fox, Inc., Portsmouth</b>					
Mustard, Southern Giant Curled .....	1887	S	S	80	75
Rutabaga, Improved American Purple Top ..	1888	S	S	85	75
Squash, Golden Summer Crookneck .....	1885	S	S	80	75
<b>Industrial School, Manchester</b>					
Beets, Detroit Dark Red No. 115 .....	1689	S	S	84	65
Corn, Golden Cross Bantam No. 309 .....	1691	S	S	97	75
Peas, Freezonian No. 748 .....	1692	S	S	85	80

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			Found	Guaran- teed**	N. H. Standard
(Note)					
<b>Laconia State School, Laconia</b>					
Beans, Bush French Horticultural .....	1653	None	S	..	75
Beans, Bush Plentiful .....	1654	None	S	..	75
Beets, Crosby's Egyptian .....	1659	None	S	..	65
Beets, Detroit Dark Red No. 115 .....	1660	None	S	..	65
Carrot, Tendersweet No. 232 .....	1656	None	S	..	55
Corn, Burpee's Golden Bantam .....	1655	None	S	..	75
Peas, World's Record .....	1652	None	S	..	80
Squash, Colby's Blue Hubbard .....	1658	None	20	..	75
<b>N. H. State Hospital Farm, Concord</b>					
Lettuce, Great Lakes .....	1744	S	S	85	80
<b>N. H. Stores, Inc., Manchester</b>					
Cabbage, Pe-Tsai .....	1753	S	S	80	75
Muskmelon, Pride of Wisconsin .....	1752	S	58.5	85	75
Okra, Perfected Perkins' Long Green Pod...	1754	S	51†	75	50
Parsley, Extra Curled Dwarf or Emerald ...	1755	S	S	70	60
Parsnip, Guernsey .....	1757	S	S	70	60
Pepper, California Wonder .....	1756	S	S	70	55
Radish, Scarlet Globe .....	1758	S	S	80	75
<b>COMSTOCK, FERRE &amp; CO., Wethersfield, Conn.</b>					
<b>Spaulding Grain Co., Nashua</b>					
Carrot, Danvers Half Long .....	1693	None	S	..	55
Peas, Dwarf Telephone .....	1694	None	72	..	80
Peas, World's Record .....	1695	None	S	..	80
<b>CROSMAN SEED CORP., East Rochester, N. Y.</b>					
<b>S. S. Kresge Co., Concord</b>					
Beet, Crosby's Egyptian .....	1923	S	S	65	65
Carrot, Improved Long Orange .....	1921	S	S	60	55
Cauliflower, Early Snowball .....	1922	S	S	..	75
Cucumber, National Pickling .....	1920	S	S	80	80
Onion, Yellow Globe Danvers .....	1917	S	S	70	70
Parsnip, Improved Hollow Crown .....	1918	S	S	60	60
Swiss Chard, Fordhook Giant .....	1919	S	S	65	65
<b>Montgomery Ward Co., Claremont</b>					
Beet, Detroit Dark Red .....	2062	S	S	65	65
Carrot, Coreless Nantes .....	2056	S	S	60	55
Cucumber, Arlington White Spine .....	2061	S	S	80	80
Lettuce, Black Seeded Simpson .....	2054	S	S	85	80
Lettuce, Big Boston Head Lettuce .....	2059	S	72	80	80
Muskmelon, Bender's Surprised .....	2055	S	S	..	75
New Zealand Spinach .....	2058	S	S	70	40
Onion, Yellow Globe Danvers .....	2060	S	S	70	70
Parsnip, Hollow Crown .....	2051	S	S	65	60
Pepper, California Wonder .....	2052	S	S	70	55
Spinach, Bloomsdale Summer Savoy .....	2057	S	S	60	60
Turnip, Purple Top White Globe .....	2053	S	S	85	80
<b>EASTERN STATES FARMERS' EXCH., Springfield, Mass.</b>					
<b>Eastern States Farmers' Exch., Concord</b>					
Cabbage, Short Stem Ballhead .....	1827	S	S	80	75
Lettuce, Pennlake .....	1829	S	S	90	80
Muskmelon, Emerald Gem .....	1826	S	S	85	75
Onion, Utah Valencia .....	1828	S	S	80	70
<b>Eastern States Farmers' Exch., Dover</b>					
Beet, Crosby Early Wonder .....	1812	S	S	70	65
Beet, Perfected Detroit .....	1813	S	S	90	65
Lettuce, Imperial 456 .....	1811	S	S	80	80
Peas, Little Marvel .....	1814	S	S	80	80
<b>Eastern States Farmers' Exch., Manchester</b>					
Lettuce, Great Lakes .....	2157	S	S	90	80
Parsley, Paramount .....	2158	S	S	60	60
Pumpkin, Conn. Field .....	2155	S	S	75	75
Rutabaga, Bristol White .....	2156	S	S	80	75

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(Note)					
<b>N. H. State Prison, Concord</b>					
Beans, Pencil Pod Black Wax, D 318 .....	1643	S	S	90	75
Carrot, Long Chantenay, B 4518 .....	1650	S	S	75	55
Corn, Golden Rule Yellow Hybrid, 04510 ....	1644	S	S	90	75
Cucumber, Straight 8, B 619 .....	1645	S	S	80	80
Parsnip, Improved Hollow Crown, A 610 ....	1651	S	S	75	60
Radish, Early Scarlet Globe, A 3210 .....	1647	S	S	90	75
Squash, Golden Delicious, 519 .....	1648	S	S	90	75
Squash, Green Delicious, 610 .....	1649	S	S	80	75
Swiss Chard, Fordhook Giant Savoyed .....	1646	S	S	90	65
<b>EMPIRE SEED CO., INC., Fredonia, N. Y.</b>					
<b>Aldrich's Store, North Haverhill</b>					
Beet, Early Blood Turnip .....	2255	S	S	65	65
Cucumber, Longfellow .....	2256	S	S	80	75
Endive, Escaroli Broad Leaved Batavian ....	2253	S	S	70	70
Radish, White Icicle .....	2254	S	S	75	75
<b>Bernard Hardware, East Jaffrey</b>					
Beet, Early Wonder .....	1824	S	S	65	65
Carrot, Nantes Coreless .....	1822	S	S	55	55
Cucumber, Improved Long Green .....	1823	S	57	80	80
New Zealand Spinach .....	1825	S	S	40	40
<b>Edmund's Dept. Store, Henniker</b>					
Carrot, Danvers Half Long .....	2105	S	S	55	55
Rutabaga, American Purple Top .....	2106	S	S	75	75
Tomato, Oxheart .....	2107	S	64.5	75	75
<b>Emerson's 5 &amp; 10, Groveton</b>					
Cabbage, Danish Ballhead .....	2214	S	S	75	75
Cabbage, Chinese Chihli .....	2215	S	63	75	75
Carrot, Chantenay .....	2216	S	S	55	55
Corn, Golden Sunshine .....	2212	S	S	75	75
Lettuce, Black Seeded Simpson .....	2218	S	71	80	80
Peas, Laxtonian .....	2213	S	67	80	80
Tomato, Ponderosa or Beefsteak .....	2217	S	67	75	75
<b>Farmers' Feed &amp; Supply Co., Lancaster</b>					
Beet, Detroit Dark Red .....	2266	S	S	65	65
Cucumber, Boston Pickling .....	2268	S	64.5	80	80
Lettuce, Black Seeded Simpson .....	2267	S	66	80	80
Swiss Chard, Lucullus .....	2265	S	S	65	65
<b>FERRY-MORSE SEED CO., Detroit, Mich.</b>					
<b>Ayers &amp; Jenkins Co., Rochester</b>					
Beet, Detroit Dark Red .....	2023	S	S	70	65
Carrot, Nantes Strong Top .....	2029	S	S	60	55
Lettuce, Prizehead .....	2028	S	S	90	80
Lettuce, Grand Rapids .....	2030	S	S	90	80
<b>Bartlett Dept. Store, Pittsfield</b>					
Beet, Crosby's Egyptian .....	1903	S	S	70	65
Carrot, Red Cored Chantenay .....	1901	S	S	55	55
Cucumber, Early White Spine .....	1902	S	S	85	80
<b>Concord Hardware, Concord</b>					
Beans, Stringless Green Pod .....	1819	S	S	80	75
Corn, Golden Bantam Early .....	1820	S	S	80	75
Peas, Little Marvel Dwarf .....	1821	S	S	85	80
Turnip, Purple Top White Globe .....	1818	S	S	..	80
<b>Edmond's Store, Bennington</b>					
Carrot, Danvers Half Long .....	1838	S	S	65	55
Cucumber, Straight 8 .....	1839	S	S	90	80
Lettuce, New York .....	1840	S	S	..	80
<b>Martin &amp; Batchelder, Meredith</b>					
Beans, Tendergreen .....	2031	S	S	80	75
New Zealand Spinach .....	2032	S	S	65	40
Onion, Sweet Spanish .....	2033	S	S	75	70
Parsley, Hamburg Thick-rooted .....	2034	S	S	..	60
<b>J. J. Newberry, Concord</b>					
Onion, Southport Yellow Globe .....	1640	S	S	80	70
Parsnip, Hollow Crown .....	1639	S	S	70	60

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(Note)					
<b>L. L. Peavey Co., Inc., Portsmouth</b>					
Beans, Top Notch Golden Wax .....	1875	S	71	80	75
Beet, Early Blood Turnip .....	1883	S	S	70	65
Cabbage, Early Jersey Wakefield .....	1882	S	S	85	75
Rutabaga, American Purple Top .....	1881	S	S	..	75
Swiss Chard, Large Ribbed Dark Green ....	1880	S	S	80	65
<b>FREDONIA SEED CO., Fredonia, N. Y.</b>					
<b>City Hardware, Berlin</b>					
Beet, Early Eclipse .....	2249	S	S	65	65
Lettuce, Romaine (Paris White Cos) .....	2251	S	S	80	80
Lettuce, Iceberg .....	2252	S	S	80	80
Muskmelon, Honey Rock .....	2250	S	60	75	75
Parsley, Plain Broad Leaved .....	2248	S	S	60	60
<b>Jenkins Store, Reeds Ferry</b>					
Beet, Early Eclipse .....	1730	S	S	65	65
Radish, Early Scarlet Globe .....	1731	S	S	75	75
<b>Red &amp; White, Conway</b>					
Beans, Bush Golden Wax .....	2227	S	S	80	75
Cucumber, Early Cluster .....	2230	S	S	80	80
Lettuce, Grand Rapids .....	2228	S	S	80	80
Parsley, Doubled Curled .....	2229	S	S	60	60
Peas, Premium Gem .....	2226	S	S	80	80
<b>Valley Food Store, Winchester</b>					
Carrot, Danvers Half Long .....	1737	S	S	55	55
Onion, White Bunching .....	1736	S	65.5	70	70
<b>White Cross Market, Raymond</b>					
Cucumber, Improved White Spine .....	1910	S	S	80	80
Endive, Full Heart Batavian .....	1912	S	S	70	70
Spinach, Bloomsdale Long Standing .....	1911	S	43	60	60
<b>THE CHAS. C. HART SEED CO.,</b>					
<b>Wethersfield, Conn.</b>					
<b>The County Stores, Milford</b>					
Carrot, Scarlet Nantes Coreless .....	2097	S	S	55	55
Muskmelon, Hale's Best .....	2099	S	S	75	75
Pepper, Hot Bull Nose .....	2098	S	S	55	55
Turnip, Yellow Globe .....	2100	S	S	80	80
<b>Depot Store, Littleton</b>					
Corn, Golden Bantam .....	2187	S	S	84	75
Peas, Thomas Laxton .....	2184	S	S	80	80
Peas, Laxtonian .....	2185	S	S	90	80
Peas, Tall Telephone .....	2186	S	S	85	80
<b>Exeter Feed &amp; Supply Co., Exeter</b>					
Beet, Early Wonder .....	1729	S	S	65	65
Carrot, Nantes Coreless .....	1728	S	S	55	55
<b>Farmers' Feed &amp; Supply Co., Hillsboro</b>					
Squash, Blue Hubbard .....	1791	S	40	75	75
Swiss Chard, Dark Green .....	1792	S	S	65	65
<b>E. J. Keegan Co., Franklin</b>					
Cucumber, Straight 8 .....	2077	S	64	85	80
Endive, Green Curled .....	2073	S	S	70	70
Lettuce, Big Boston .....	2078	S	S	80	80
Pop Corn, South American .....	2079	S	S	75	..
<b>Miligan &amp; Currier, Manchester</b>					
Beet, Early Blood Turnip .....	1759	S	S	65	65
Cucumber, Highmoor .....	1760	S	S	80	80
Lettuce, Iceberg .....	1761	S	S	80	80
Parsnip, Hollow Crown .....	1763	S	S	60	60
Turnip, Yellow Globe .....	1762	S	S	80	80
<b>Spencer Hardware, Keene</b>					
Carrot, Danvers Half Long, Stump Root ....	1700	S	S	..	55
Radish, Early White Tipped Scarlet .....	1699	S	S	75	75
Swiss Chard, Dark Green .....	1701	S	S	65	65

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<b>Sunshine Feed Store, Manchester</b>					
Beet, Crosby's Egyptian .....	1916	S	S	83	65
Cucumber, Improved Long Green .....	1915	S	S	90	80
Pepper, California Wonder .....	1914	S	S	70	55
Rhubarb Chard, Bietola .....	1913	S	S	65	65
<b>BUDD D. HAWKINS, Reading, Vt.</b>					
<b>F. W. Baldwin, Pittsburg</b>					
Peas, Thomas Laxton .....	2204	S	S	80	80
Peas, Tall Telephone .....	2205	S	S	80	80
<b>Beauds' Hardware, Hillsboro</b>					
Beans, Cranberry Shell .....	2154	S	S	75	75
Corn, Improved Golden Bantam .....	2152	S	S	75	75
Peas, Nott's Excelsior .....	2151	S	S	80	80
Peas, Tall Telephone .....	2153	S	S	80	80
<b>Eserksy's Hardware &amp; Plumbing Supply, Claremont</b>					
Beet, Detroit Dark Red .....	2084	S	S	65	65
Parsley, Carter's Champion Moss Curled ....	2085	S	39.5	..	60
<b>J. Jones &amp; Son, Alton</b>					
Beet, Early Wonder .....	1907	S	S	65	65
Rutabaga, Improved Purple Top, Hardy Swede ..	1908	S	67	75	75
Squash, Butternut .....	1909	S	S	75	75
<b>Keene Grain Co., Keene</b>					
Carrot, Danvers Half Long Orange .....	1741	S	S	55	55
<b>J. H. Kinary Hardware, Claremont</b>					
Beans, Pencil Pod Black Wax .....	2047	S	S	75	75
Muskmelon, Banana .....	2050	S	S	75	75
Squash, Golden Hubbard .....	2048	S	S	75	75
Squash, Butternut .....	2049	S	S	75	75
<b>Red &amp; White, Antrim</b>					
Beet, Early Blood Turnip .....	1830	S	S	65	65
New Zealand Spinach .....	1832	S	S	40	40
Radish, Early Scarlet Turnip .....	1833	S	S	75	75
Tomato, True Giant Ponderosa .....	1831	S	S	75	75
<b>Silsby &amp; Johnson, Inc., Newport</b>					
Cabbage, True Early Winningstadt .....	2104	S	S	75	75
Cucumber, Davis Perfect .....	2103	S	S	80	80
Lettuce, Cos or Romaine .....	2101	S	46	80	80
Radish, New French Breakfast .....	2102	S	S	75	75
<b>Spencer Hardware, Keene</b>					
Beet, Crosby's Egyptian .....	1697	S	S	65	65
New Zealand Spinach .....	1696	S	S	40	40
Parsnip, Improved Hollow Crown .....	1698	S	S	60	60
<b>E. David Sweet, Winchester</b>					
Cucumber, Boston Pickling .....	1733	S	58	80	80
Onion, Large Red Wethersfield .....	1732	S	S	70	70
<b>Woodsville Hardware, Woodsville</b>					
Carrot, Improved Long Orange .....	2262	S	S	55	55
Endive, Green Curled .....	2261	S	S	70	70
Squash, Gregory's Improved Hubbard .....	2264	S	S	..	75
<b>HOLBROOK GROCERY CO., Keene</b>					
<b>Holbrook Grocery Co., Keene</b>					
Beans, Vermont Cranberry .....	1775	S	S	80	75
Beans, Wax Podded Bush .....	1778	S	S	85	75
Corn, Golden Bantam .....	1779	S	S	90	75
Lima Beans, Burpee's Bush .....	1781	S	S	85	70
Peas, Nott's Excelsior .....	1780	S	S	90	80

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<b>LANDRETH SEED CO., Philadelphia, Pa.</b>					
<b>Bryant &amp; Lawrence, Tilton</b>					
Beans, Pencil Pod Wax .....	2016	S	S	..	75
Carrot, Long Orange .....	2017	S	S	..	55
Cucumber, Marketer .....	2018	S	S	..	80
New Zealand Spinach .....	2019	S	30	..	40
Peas, Gradus .....	2015	S	S	86	80
<b>Hauslines Grain, Nashua</b>					
Lettuce, Black Seeded Simpson .....	1725	None	S	80	80
Parsnip, Sugar or Hollow Crown .....	1724	None	56.5	60	60
<b>JOHN D. LYON, INC., Belmont, Mass.</b>					
<b>Laconia State School, Laconia</b>					
Lettuce, Iceberg .....	1657	None	0	..	80
<b>N. H. State Hospital Farm, Concord</b>					
Lettuce, Imperial .....	1743	S	0	..	80
Peppers, Italian Sweet .....	1745	S	5	..	55
Peppers, World Beater .....	1746	S	41	..	55
<b>JOHN D. LYON, INC., Waltham, Mass.</b>					
<b>N. H. State Hospital Farm, Concord</b>					
Beans, French Horticultural .....	1666	S	61	..	75
Carrot, Hutchinson XXX .....	1670	S	40.5	..	55
Cucumbers, Straight 8 .....	1671	S	69	..	80
Squash, Blue Hubbard .....	1667	S	20	..	75
Squash, Summer Straightneck .....	1668	S	18	..	75
Squash, Golden Delicious .....	1669	S	44	..	75
<b>MANDEVILLE &amp; KING CO., Rochester, N. Y.</b>					
<b>Dover Hardware, Dover</b>					
Carrot, Danvers Half Long .....	1836	S	S	60	55
Onion, White Portugal .....	1835	S	S	75	70
Radish, Scarlet Globe .....	1837	S	S	80	75
<b>Eserky's Hardware &amp; Plumbing Supply, Claremont</b>					
Lettuce, Big Boston .....	2087	S	S	85	80
Peppers, California Wonder .....	2086	S	S	65	55
<b>J. P. Pitman &amp; Co., Laconia</b>					
Beans, Sure Crop Bush Wax .....	2037	S	S	80	75
Peas, Gradus .....	2038	S	S	85	80
Spinach, Bloomsdale Savoy Leaved .....	2036	S	S	65	60
Swiss Chard, Lucullus .....	2035	S	S	70	65
<b>C. P. Stevens Hardware, Franklin</b>					
Carrot, Chantenay Long .....	2044	S	S	60	55
Corn, Golden Bantam .....	2039	S	S	..	75
Muskmelon, Early Bender .....	2046	S	S	80	75
Radish, Icicle .....	2045	S	S	80	75
<b>Wendell's, Portsmouth</b>					
Beans, Giant Stringless Green Pod .....	1927	1950	S	80	75
Cucumber, Long Green .....	1929	1950	S	85	80
Parsnip, Hollow Crown .....	1924	1950	S	65	60
Tomato, Bonny Best Early .....	1931	1950	S	80	75
<b>MARTIN'S HARDWARE, Newport</b>					
<b>Martin's Hardware, Newport</b>					
Beets, Blood .....	2108	S	S	..	65
Carrot, Danvers Half Long .....	2109	S	S	..	55
Cucumber, Straight 8 .....	1957	S	S	..	80
<b>MERRIMACK FARMERS' EXCH., INC., Concord, N. H.</b>					
<b>Merrimack Farmers' Exch., Inc., Bradford</b>					
Cauliflower, Early Snowball, 3-1-D .....	1958	S	S	..	75
Muskmelon, Granite State, 1-1-C .....	1954	S	S	..	75
Spinach, King of Denmark, 3-1-D .....	1956	S	S	..	60
Squash, Table Queen, 3-1-D .....	1955	S	S	..	75

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			Found	Guaran- teed**	N. H. Standard
(Note)					
<b>Merrimack Farmers' Exch., Inc., Claremont</b>					
Beans, Plentiful, 3-1-C .....	2012	S	S	..	75
Beans, Red Kidney, 26-1-C .....	2013	S	S	..	75
Beans, Burpee's Stringless Green Pod, 3-1-D .....	2014	S	S	..	75
Peas, Laxton's Progress, 3-1-C .....	2011	S	S	..	80
<b>Merrimack Farmers' Exch., Inc., Epping</b>					
Beans, Kentucky Wonder Green Pole, 3-1-D ..	1872	S	S	..	75
Cabbage, Golden Acre, 2-1-C .....	1873	S	S	..	75
Corn, Northland, 7-1-D .....	1871	S	S	..	75
Cucumber, Boston Pickling, 3-1-D .....	1874	S	S	..	80
<b>Merrimack Farmers' Exch., Inc., Epsom</b>					
Cabbage, Danish Ballhead, 25-1-C .....	2004	S	S	..	75
Endive, Green Curled, 2-1-C .....	2003	S	S	..	70
<b>Merrimack Farmers' Exch., Inc., Henniker</b>					
Beet, Winter Keeper, 3-1-D .....	2146	S	S	..	65
Broccoli, Green Sprouting, 3-1-D .....	2143	S	S	..	75
Lettuce, Great Lakes, 3-1-C .....	2144	S	S	..	80
Onion, Southport White Globe, 25-1-C .....	2145	S	S	..	70
<b>Merrimack Farmers' Exch., Inc., Manchester</b>					
Cucumber, Long Green, 3-1-C .....	2150	S	S	..	80
Pumpkin, Conn. Field, 2-1-C .....	2147	S	65	..	75
Rutabaga, Am. Imp. Yellow, 3-1-D .....	2148	S	S	..	75
Squash, Warren Turban, 1-1-D .....	2149	S	S	..	75
<b>Merrimack Farmers Exch., Inc., Milford</b>					
Beans, Flash, 36-1-C .....	1985	S	65.5	..	75
Corn, Marcross, 1-1-C .....	1987	S	S	..	75
Lettuce, Great Lakes, 3-1-D .....	1988	S	S	..	80
Lima Beans, Fordhook Bush, 3-1-D .....	1986	S	S	..	70
<b>Merrimack Farmers' Exch., Inc., Peterboro</b>					
Beet, Early Wonder, 3-1-C .....	1810	S	S	..	65
Carrot, Long Orange, 3-1-D .....	1807	S	S	..	55
Corn, Carmelcross, 3-1-D .....	1809	S	S	..	75
Peas, World's Record, 3-1-C .....	1808	S	S	..	80
<b>Merrimack Farmers' Exch., Inc., Pittsfield</b>					
Beet, Detroit Dark Red, 3-1-C .....	1865	S	S	..	65
Cabbage, Early Round Dutch, 25-1-D .....	1864	S	S	..	75
Carrot, Imperator, 3-1-D .....	1863	S	S	..	55
Tomatoes, Bonny Best, 3-1-D .....	1866	S	S	..	75
<b>Merrimack Farmers' Exch., Inc., Plymouth</b>					
Beet, Long Season, 30-1-D .....	2068	S	S	..	65
Carrot, Nantes Golden Beauty, 3-1-D .....	2069	S	S	..	55
Endive, Deep Heart, 3-1-D .....	2071	S	S	..	70
Lettuce, Pennlake, 3-1-D .....	2070	S	S	..	80
<b>Merrimack Farmers' Exch., Inc., Rochester</b>					
Broccoli, Green Sprouting, 103-1-C .....	1960	S	S	..	75
Carrots, Hutchinson, 2-1-C .....	1961	S	S	..	55
Cucumber, Marketer, 1-1-D .....	1962	S	S	..	80
<b>NORTHROP, King &amp; Co., Minneapolis, Minn.</b>					
<b>W. E. Aubuchon, Derry</b>					
Beans, Improved Golden Wax .....	1706	S	69	..	75
Corn, Extra Early Golden Bantam .....	1707	S	S	..	75
Lettuce, Prizehead or Bronze Leaf .....	1703	S	S	..	80
Peas, Everbearing .....	1708	S	73	..	80
Radish, Sparkler .....	1702	S	S	..	75
Radish, White Icicle .....	1704	S	S	..	75
Swiss Chard, Fordhook Giant .....	1705	S	S	..	65
<b>Center Ossipee Market, Center Ossipee</b>					
Beans, Kentucky Wonder Pole .....	2210	S	S	..	75
Lettuce, Grand Rapids .....	2209	S	S	..	80
Peas, Progress (Imp. Laxtonian) .....	2211	S	S	..	80
<b>Milligan &amp; Currier, Manchester</b>					
Muskmelon, Hearts of Gold .....	1765	S	71.5	..	75
Pumpkin, Conn. Field .....	1766	S	S	..	75
Turnip, Purple Top Strap Leaved .....	1764	S	S	..	80

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(Note)					
<b>Moreau's Hardware, Manchester</b>					
Corn, Country Gentleman .....	1770	S	S	..	75
Onion, Large White Globe .....	1767	S	S	..	70
Peas, Little Gem .....	1771	S	S	..	80
Peas, American Wonder .....	1772	S	S	..	80
Tomato, Stone .....	1769	S	S	..	75
Turnip, Purple Top Strap Leaved .....	1768	S	S	..	80
<b>L. L. Peavey Co., Inc., Portsmouth</b>					
Cucumber, Early Cluster .....	1876	S	S	..	80
Lettuce, Improved Hanson Head .....	1878	S	S	..	80
Squash, Buttercup .....	1877	S	S	..	75
Turnip, Purple Top White Globe .....	1879	S	S	..	80
<b>F. W. Woolworth Co., Nashua</b>					
Beans, Improved Golden Wax .....	1642	S	70	..	75
Lettuce, New York Special .....	1641	S	77	..	80
<b>THE PAGE SEED CO., Greene, N. Y.</b>					
<b>Gardner Hardware, Concord</b>					
Radish, Scarlet Globe .....	1895	S	S	85	75
Squash, Zucchini, Black .....	1894	S	S	85	75
<b>Hausline's Grain Co., Nashua</b>					
Cauliflower, Early Snowball .....	1727	S	S	75	75
Celery, Fordhook or Emperor .....	1726	S	S	75	55
<b>Joslin Hardware Co., Wilton</b>					
Beet, Crosby's Egyptian .....	2066	S	S	75	65
Parsnip, Hollow Crown .....	2063	S	S	80	60
Spinach, King of Denmark .....	2065	S	66.5†	80	60
Tomato, Golden Queen .....	2064	S	S	75	75
Tomato, Marglobe .....	2067	S	S	75	75
<b>O. F. Porter, Wolfeboro</b>					
Beans, Page's Improved Golden Wax .....	2245	S	S	80	75
Lima Beans, Burpee's Bush .....	2246	S	72†	85	70
Squash, Improved Hubbard .....	2247	S	S	85	75
<b>G. W. Robie, Hooksett</b>					
Beans, Top Notch Golden Wax .....	1750	S	S	80	75
Beet, Egyptian Blood .....	1751	S	66†	85	65
Swiss Chard, Large White Rib .....	1749	S	S	80	65
<b>C. P. Stevens Hardware, Franklin</b>					
Cucumber, Boston Pickling .....	2040	S	S	85	80
Swiss Chard, Large White Rib .....	2041	S	S	80	65
Beet, Detroit Dark Red .....	2042	S	S	85	65
Turnip, Yellow Globe or Stone .....	2043	S	S	..	80
<b>H. W. Taylor, Hinsdale</b>					
Corn, Golden Bantam, B-73850 .....	1688	S	S	90	75
Peas, Sutton's Excelsior, C-24-9049 .....	1687	S	S	80	80
<b>F. M. Weeks &amp; Son, Meredith</b>					
Beet, Early Wonder .....	2082	S	S	65	65
Lettuce, Early Prizehead .....	2080	S	S	85	80
Muskmelon, Emerald Gem .....	2081	S	S	85	75
Parsley, Moss Curled .....	2083	S	S	80	60
<b>PARK &amp; POLLARD, Biddeford, Maine</b>					
<b>Farmers' Feed &amp; Supply Co., Colebrook</b>					
Beans, Pencil Pod Black Wax .....	2231	S	S	86	75
<b>Farmers' Feed &amp; Supply Co., Berlin</b>					
Beans, Dwarf Horticultural .....	2180	S	S	..	75
Corn, Golden Bantam .....	2183	S	S	..	75
Peas, Gradus .....	2179	S	S	..	80
Peas, Blue Bantam .....	2181	S	S	..	80
Peas, Tall Telephone .....	2182	S	S	..	80
<b>PERRY SEED CO., Boston, Mass.</b>					
<b>Industrial School, Manchester</b>					
Cucumber, Boston Pickling .....	1675	None	S	..	80
Parsnip, Hollow Crown .....	1673	None	41	..	60

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<b>JEROME B. RICE SEED CO., Cambridge, N. Y.</b>					
<b>Ayers &amp; Jenkins Co., Rochester</b>					
Cucumber, National Association Pickling ....	2027	S	S	80	80
Dandelion, Improved Thick Leaf .....	2026	S	S	70	45
Lettuce, White Paris Cos (Romaine) .....	2024	S	S	85	80
Tomato, Rutgers .....	2025		64	80	75
<b>Roger H. Chagnon, Manchester</b>					
Beans, Giant Stringless Green Pod Bush ...	2131	S	S	75	75
Corn, Golden Bantam .....	2130		S	85	75
Peas, Telephone .....	2132	S	S	85	80
Peas, Dwarf Laxton's Progress .....	2133	S	S	..	80
<b>Farmers' Feed &amp; Supply Co., Hillsboro</b>					
Beet, Early Wonder .....	1790	S	S	..	65
<b>Fox Hardware Co., Penacook</b>					
Broccoli, Italian Green Sprouting .....	2094	S	S	75	75
Cabbage, Copenhagen Market .....	2095		S	83	75
Carrot, Danvers Half Long .....	2093	S	S	70	55
Endive, Broad Leaf Batavian .....	2092		S	80	70
Tomato, Earliana .....	2096	S	S	75	75
<b>Glazier &amp; Fox, Inc., Portsmouth</b>					
Broccoli, Italian Green Sprouting .....	1886	S	S	75	75
Cabbage, Copenhagen Market .....	1890		S	80	75
Onion, Scallion (White Portugal) .....	1889	S	S	75	70
<b>E. J. Keegan Co., Franklin</b>					
Asparagus, Mary Washington .....	2072	S	S	85	70
Beet, Early Wonder .....	2074		S	72	65
Brussels Sprouts .....	2075		S	72	70
Cucumber, Improved Long Green .....	2076	S	S	85	80
<b>Marcotte Hardware, Epping</b>					
Beans, Giant Stringless Green Pod Bush ....	1861	S	S	75	75
Parsley, Hamburg Rooted .....	1892	S	S	65	60
<b>Meredith Grain Co., Meredith</b>					
Beet, Detroit Dark Red .....	1995	S	S	70	65
Cauliflower, Early Snowball .....	1997		S	75	75
Endive, Moss Curled .....	1996	S	S	70	70
<b>Neal's Hardware, Dover</b>					
Carrot, Danvers Half Long .....	1842	S	S	70	55
Cucumber, Boston Pickling .....	1841		S	90	80
Radish, French Breakfast .....	1843		S	85	75
Swiss Chard, Lucullus .....	1844		S	80	65
Tomato, Bonny Best .....	1845	S	S	75	75
<b>Salem Hardware &amp; Paint Co., Salem Depot</b>					
Carrot, Danvers Half Long .....	1742	S	S	55	55
<b>Scruggs' Hardware, Woodsville</b>					
Beans, Pencil Pod Black Wax .....	2202	S	S	83	75
Corn, Golden Bantam .....	2203		S	90	75
Peas, Telephone .....	2201	S	67	84	80
<b>Thompson &amp; Hoague Co., Concord</b>					
Cabbage, Early Jersey Wakefield .....	1898	S	S	80	75
Squash, Early Summer Crookneck .....	1899	S	S	80	75
<b>Tillotson's, Groveton</b>					
Cabbage, Rock Red .....	2260	S	S	90	75
Lettuce, Prizehead .....	2258	S	S	90	80
Parsnip, Hollow Crown .....	2259		49.5	..	60
Radish, Sparkler White Tip .....	2257	S		85	75
<b>V. E. Trace Hardware, Pittsfield</b>					
Lettuce, Early Curled White Seeded Simpson	1904	S	S	85	80
Radish, Crimson Giant .....	1905		S	80	75
Spinach, Giant Thick Leaf .....	1906	S	S	65	60

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<b>Wirthmore Grain Co., Nashua</b>					
Cabbage, Danish Ballhead (Hollander) .....	1686	S	S	80	75
Lettuce, Grand Rapids .....	1683	S	S	85	80
Onions, Large Red Wethersfield .....	1685	S	S	75	70
Parsnip, Hollow Crowned (Large Sugar) ....	1684	S	S	65	60
<b>ROBSON SEED FARMS, Hall, N. Y.</b>					
Merrimack Farmers' Exch., Inc., Concord Corn, Lee Hybrid Sweet, 3139, 24-1-D.....	1662	S	S	94	75
<b>SEARS, ROEBUCK &amp; CO., Chicago, Ill.</b>					
<b>Sears, Roebuck &amp; Co., Keene</b>					
Cabbage, Early Jersey Wakefield .....	1717	S	S	80	75
Carrot, Nancy Coreless .....	1715	S	S	55	55
Eggplant, Black Beauty .....	1711	S	S	65	60
Lettuce, Slobolt .....	1716	S	S	80	80
Onion, Southport White Globe .....	1713	S	S	75	70
Parsley, Moss Curled .....	1710	S	S	65	60
Parsnip, Hollow Crown .....	1718	S	S	65	60
Onion, Red Wethersfield .....	1714	S	S	75	70
Radish, Early Scarlet Globe .....	1712	S	S	80	75
Turnip, Purple Top White Globe .....	1709	S	S	80	80
<b>STUMP &amp; WALTER CO., New York, N. Y.</b>					
N. H. State Hospital Farm, Concord Lettuce, New York Wonderful .....	1748	1950	S	85	80
<b>J. B. VARICK CO., Manchester, N. H.</b>					
<b>Calef's Store, Barrington</b>					
Beans, Pencil Pod Black Wax .....	2121	S	S	..	75
Corn, Golden Bantam .....	2120	S	S	90	75
Peas, World's Record .....	2122	S	73	89	80
Peas, Dwarf Telephone .....	2123	S	59	80	80
<b>J. B. Varick Co., Manchester</b>					
Beans, Golden Wax .....	1799	S	72	85	75
Beans, Pencil Pod Black Wax .....	1800	S	S	87	75
Beans, Kidney Wax .....	1805	S	S	85	75
Beans, Red Kidney .....	1806	S	S	88	75
Corn, Golden Sunshine .....	1798	S	S	90	75
Corn, Black Mexican .....	1801	S	S	90	75
Corn, Stowell's Evergreen .....	1803	S	S	90	75
Peas, World's Record .....	1804	S	65	89	80
<b>F. H. WOODRUFF &amp; SONS, INC., Milford, Conn.</b>					
<b>G. N. Bartemus Co., Concord</b>					
Beans, Improved Yellow Eye, 36894 .....	1635	S	S	90	75
Beans, Pencil Pod Black Wax, 5-119 .....	1637	S	S	85	75
Corn, Golden Bantam, 34241 .....	1636	S	S	95	75
<b>Checkerboard Feed Store, Manchester</b>					
Beets, Crosby Egyptian .....	1867	S	S	80	65
Cucumber, Boston Pickling .....	1869	S	S	90	80
Lettuce, Iceberg .....	1868	S	S	90	80
Squash, Table Queen .....	1870	S	S	85	75
<b>General Mills, Inc., Exeter</b>					
Corn, Golden Cross Bantam .....	2117	S	S	90	75
Corn, 60-day Golden .....	2118	S	S	90	75
Corn, Golden Bantam .....	2119	S	S	90	75
Peas, Nott's Excelsior .....	2115	S	S	90	80
Peas, Little Marvel .....	2116	S	S	..	80
Pumpkin, Small Sugar .....	2114	S	S	90	75
<b>General Mills, Inc., Nashua</b>					
Beans, Black Wax .....	1680	S	S	87	75
Peas, Laxton's Progress .....	1679	S	S	75	80
<b>Keene Grain Co., Keene</b>					
Beets, Detroit Dark Red, 36015 .....	1739	S	S	80	65
Carrot, Imp. Long Orange .....	1740	S	S	67	55
Squash, Early Summer Crookneck .....	1738	S	S	90	75

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<b>Merrimack Farmers' Exchange, Inc., Concord</b>					
Beans, Round Pod Kidney Wax .....	1626	None	S	79	75
Beans, Golden Wax Improved .....	1627	None	60	76	75
Beans, Tenderlong .....	1628	S	S	77	75
Beans, Rival .....	1629	None	67	..	75
Corn, Hybrid Golden Cross Bantam, 7674 ....	1661	S	S	90	75
Corn, Hybrid Marcross, Idaho, 3-2-D .....	1663	S	S	90	75
Lima Beans, Fordhook Bush .....	1630	S	47	90	70
Peas, Little Marvel .....	1631	S	S	90	80
Peas, Improved Telephone .....	1632	S	S	90	80
Peas, Dwarf Telephone .....	1633	S	S	..	80
<b>Osgood Hardware, Nashua</b>					
Lettuce, Simpson .....	1634	S	67.5	..	80
<b>Nashua Hardware, Nashua</b>					
Parsnip, Hollow Crown .....	1638	S	S	75	60
<b>S. D. WOODRUFF &amp; SONS, INC., Orange, Conn.</b>					
<b>Checkerboard Feed Store, Lancaster</b>					
Corn, Golden Bantam .....	2223	S	S	80	75
Lima Beans, Fordhook Bush .....	2224	S	S	75	70
<b>Seavey Hardware, Dover</b>					
Cucumber, Boston Pickling .....	1834	S	S	80	80
<b>Veilleux Hardware, Claremont</b>					
Asparagus, Mary Washington .....	2090	S	S	75	70
Cucumber, Marketer .....	2088	S	S	80	80
Muskmelon, Hale's Best .....	2089	S	S	75	75
Radish, White Icicle .....	2091	S	S	80	75

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