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7-1-1942

Results of seed tests for 1942, Bulletin, no. 341

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New Hampshire Agricultural Experiment Station

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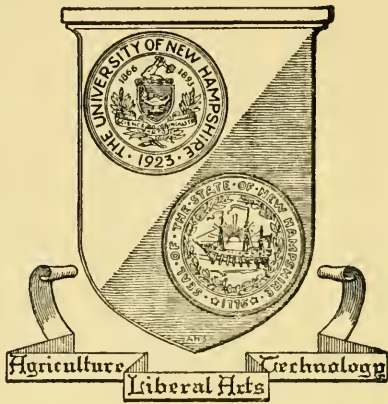
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Sanborn, Bessie G. and New Hampshire Agricultural Experiment Station, "Results of seed tests for 1942, Bulletin, no. 341" (1942). *NHAES Bulletin*. 304.

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Bulletin 341

July, 1942

NEW HAMPSHIRE
AGRICULTURAL EXPERIMENT STATION
Department of Agronomy

Results of Seed Tests for 1942

MADE FOR THE
STATE DEPARTMENT OF AGRICULTURE



By BESSIE G. SANBORN

THE UNIVERSITY OF NEW HAMPSHIRE
DURHAM, N. H.

RESULTS OF SEED TESTS

Made July 1, 1941, to June 30, 1942

This report contains the results of the inspection for the State Department of Agriculture of two hundred and ninety-eight official samples collected throughout the State during the period from July 1, 1941, to June 30, 1942. Each of these samples was analyzed and the results mailed to the retail dealers concerned. In addition to these official samples, one hundred and eighty-three private samples were analyzed, making a total of four hundred and eighty-one samples inspected.*

COMPARISON OF SEEDS FOR TEN YEARS

	<i>Samples Tested</i>	<i>Below in Purity</i>		<i>Below in Germination</i>	
		<i>Number</i>	<i>Per Cent</i>	<i>Number</i>	<i>Per Cent</i>
1933	381	30	7.8	37	9.6
1934	412	22	5.3	62	15.0
1935	391	28	7.1	74	18.9
1936	430	31	7.9	84	19.5
1937	439	31	7.0	70	15.9
1938	392	60	15.0	75	19.1
1939	426	32	7.5	100	23.5
1940	408	33	8.0	66	16.1
1941	416	29	6.9	46	11.0
1942	298	6**	2.0**	33	11.0

FREE TESTING OF SEEDS

For the present, the Seed Testing Laboratory will allow six free tests, in a given year, to any resident organization or citizen of New Hampshire, and these seeds must be received in the laboratory during the months of *January* or *February*. This number of samples, not including mixtures, may be analyzed either for purity or for germination, or three samples for both purity and germination, free of charge. For numbers in excess of six, 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 crop seeds, including timothy, clovers and alfalfa, 25 cents each;

Germination tests of all grasses except timothy, 50 cents each;

Germination tests of mixtures, 25 cents for each kind of seed present;

Purity analyses of cereals like corn and oats, 50 cents each; and of timothy grass, 75 cents each;

*Miss Beatrice Sanborn assisted with the purity and germination tests herein reported. For her services the writer wishes to express grateful acknowledgment.

**Last year the Association of Official Seed Analysts adopted a new table of tolerance applying to purity which allows a slightly wider variation from the guarantee, which accounts for the marked decrease in the number of samples found low in purity this year.

Purity analyses of all other kinds of crop seeds, except grasses, 75 cents each;

Purity analyses of the smaller grass seeds and of all mixtures of not more than two kinds of agricultural seeds, \$1.00 each;

All purity analyses of special 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 \$1.25.

On account of official work, which begins in earnest the first of March and taxes all our resources, private samples either for free testing or otherwise cannot be handled later than February. We shall appreciate your cooperation in sending in private samples according to the above request.

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, Dunham, New Hampshire. For a germination test, at least 400 seeds should be sent to the laboratory. Fees must be paid before reports are sent out. A given seed company will be entitled to six private tests without charge, not six from each branch store. Such private tests cannot be declared as state official tests unless drawn by a representative of the Department of Agriculture, as provided in Chapter 182 of the Public Laws.

N. H. EXPERIMENT STATION SEED INSPECTION, 1942

Name and Address of Dealer	Sample No.	Kind of Seed	Date Tested*	Purity		Germination	
				Found	Guaran- teed	Found	Guaran- teed
Badger Farm Creameries, Greenland	12477	Alfalfa, Grimm, F23	1942	S	99.00	S	93
	12475	Alsike Clover, 28411	1942	A	96.78	S	88
	12489	Hungarian Millet, 482	1941	S	99.10	S	85
	12488	Japanese Millet, 466	1941	S	97.50	S	85
	12476	Red Clover, Pan American, 5055	1941	S	99.00	S	80
	12491	Red Clover, Medium, 28409	1941	S	99.75	S	93
	12490	Timothy, Pan American, 12527	1941	S	99.60	S	90
L. C. Berry, Lebanon	12545	Alsike Clover, 5343	1940	S	98.55	S	77
	12544	Mixture, Timothy & Alsike, 5399	1940	S	97.45	S	83
	12543	Redtop, 30-105	1941	A	95.00	S	90
	12586	Timothy, Arco Brand, 10-301	1941	S	99.60	S	90
V. H. Cassidy, Londonderry	12442	Alsike Clover, 21891	1942	S	98.95	S	80
	12446	Japanese Millet, 08176	1941	S	98.66	S	83
	12448	Kape, Dwarf Essex, 95616	1941	S	99.88	S	88
	12445	Red Clover, Medium, 24848	1942	S	98.58	S	80
	12443	Redtop, Pine Tree, 4154	1942	S	95.90	S	93
	12444	Timothy, Pine Tree, 66212	1942	S	99.70	S	91
	12612	Alsike Clover, 6147	1942	S	98.05	S	81
Chase Grain Mill, Plymouth	12601	Canada Field Peas, 3038	1942	S	99.50	S	95
	12607	Hungarian Millet, 6181	1942	S	99.04	S	80
	12608	Japanese Millet, 6237	1942	S	97.70	S	90
	12600	Oats, Wirthmore Brand Seed	1942	S	96.50	S	95
	12606	Redtop, 2262	1942	S	96.00	S	85
	12611	Redtop, 3754	1942	S	95.34	S	90
	12610	Timothy, 3604	1942	S	99.70	S	90
Checkerboard Feed Store, Claremont	12576	Barley, Wisconsin No. 38, 6-row, 8013	1942	S	99.65	S	95
	12575	Redtop, Fancy, 4317	1941	S	92.31	S	79
Checkerboard Feed Store, Concord	12344	Red Clover, Medium, 2430	1939	S	99.32	S	84
	12345	Redtop, 41588	1939	S	98.10	S	90
	12346	Vetch, Spring	1937	S	98.00	S	88
Checkerboard Feed Store, Dover	12467	Red Clover, Medium, Pine Tree, 24603	1941	S	99.20	S	85

A = Above. S = Satisfactory.

*As stated on tag accompanying seed.

SEED INSPECTION, 1942—Continued

Name and Address of Dealer	Sample No.	Kind of Seed	Date Tested*	Purity		Germination	
				Found	Guaran- teed	Found	Guaran- teed
Checkerboard Feed Store, Exeter	12417	Alsike Clover, Pan American, 1559..	1941	S	98.25	66	80
	12418	Hungarian Millet, 482	1941	S	99.10	S	85
	12420	Oats, No. 1, White Oats	S	98.00	S	95
	12419	Red Clover, Pan American, Med- ium, 5055	1941	S	99.00	S	80
	12414	Redtop, Pan American	1941	S	96.00	S	90
	12421	Timothy, Pan American, 12527	1941	S	99.60	S	90
	12511	Alsike Clover, Pan American, 1559..	1941	S	98.25	S	80
	12539	Buckwheat, Silver Hull, 8125	1942	S	99.60	S	93
Checkerboard Feed Store, Lancaster	12518	Hungarian Millet, 482	1941	S	99.10	S	85
	12517	Japanese Millet, 466	1941	S	97.50	S	85
	12510	Red Clover, Pan American, Med- ium, 5055	1941—	S	99.00	S	80
	12519	Redtop, Pan American, 4061	1941	S	96.00	S	90
	12520	Soybean, Black Wilson, 9509	1941	S	99.38	S	86
	12509	Timothy, Pan American, 12527	1941	S	99.60	S	90
	12565	Hungarian Millet, 38-253	1942	S	98.52	S	85
	12594	Japanese Millet, J-5B42	1941	S	98.92	S	85
Clement's Grain Store, Lisbon	12595	Red Clover, Medium, 15-406	1942	S	99.25	S	80
	12592	Redtop, 30-121	1942	S	92.29	S	90
	12531	Alsike Clover, 25-275	1941	S	98.00	A	78
	12535	Barley, Wisconsin, No. 38, 35-311	1942	S	98.50	A	88
	12536	Barley, Smooth Awn, 35-237	1940	S	98.10	S	88
	12538	Barley, Fancy Trebi, 6-rowed	1942	S	97.00	S	95
	12540	Canada, Field Peas, 40-68	1942	S	99.50	64	90
	12521	Hungarian Millet, 38-248	1942	S	97.50	S	85
G. B. Currier Company, Colebrook	12534	Hungarian Millet, 38-163	1941	A	98.00	S	88
	12537	Oats, O & M Seed, A-204	1942	S	99.00	S	93.5
	12524	Red Clover, Medium, 15-405	1942	S	99.08	S	76
	12525	Red Clover, Medium, 15-305	1940	S	99.06	S	88
	12532	Red Clover, Medium, 15-344	1941	S	99.60	S	85
	12533	Red Clover, Medium, 15-346	1941	S	99.25	A	80
	12530	Redtop, 30-118	1942	S	95.00	S	88
	12528	Soybeans, Black Wilson, 42-185	1942	S	99.00	S	90
	12529	Soybeans, Manchu, 42-180	1942	S	99.00	S	90
	12522	Timothy, Arco, 10-340	1942	S	99.60	S	90
	12523	Timothy, Arco, 10-367	1942	S	99.60	S	90
	12526	Timothy, 8169	1941	S	99.60	S	90
Delaware Grain Store, Claremont	12568	Timothy, L3-2142	1941	S	99.60	S	90
	12569	Timothy, 12534	1942	S	99.80	S	94

The Depot Store, Littleton	12584 12585 12596	Alsike Clover, Herald Hungarian Millet, 48-2 Red Clover, Imperator, Domestic Medium, 50528	1942 1942 1942	S S S	65.5 80 80	97.00 99.56 98.30
	12547 12571 12597	Redtop, Pan American, 40517 Timothy, Gold Medal, 12527 Timothy, Herald, 1246	1942 1942 1942	S S S	95.30 99.75 99.00	
Dover Grain Company, Dover	12458 12451 12457 12463 12461 12462	Alsike Clover, 5348 Japanese Millet, 5838 Japanese Millet, 1428A Oats, Wirthingmore Red Clover, Medium, Liberty, 6173 Redtop, Fancy, 3702	1942 1942 1942 1942 1942 1942	S S S S S S	75 -85.5 71 95 90 92	98.50 98.40 98.14 96.50 99.50 92.83
S. A. Doy & Son, North Hampton	12492 12493 12494 12495	Alsike Clover, Fancy, 15519 Hungarian Millet, 9163 Redtop, Pan American, 4364 Timothy, Pan American, 12534	1942 1941 1941 1942	S A S S	88 87 92 94	98.55 98.42 94.10 99.80
W. E. Dunbar Sons, Manchester	12369 12368 12367	Red Clover, Medium, 24848 Redtop, P. T., 4154 Timothy, 66212	1942 1942 1942	S S S	80 93 91	98.58 95.90 99.70
Eastern States Farmers' Exc., Claremont	12570	Japanese Millet, 5541	1942	S	88	99.00
Eastern States Farmers' Exc., Concord	12347 12348 12349 12350 12351 12352 12353 12354	Mixture, Hayland No. 1, 920 Mixture, Hayland No. 2, 935 Mixture, Hayland No. 3, 921 Mixture, Hayland No. 4, 922 Mixture, Meadow Pasture A, 948 Mixture, Meadow Pasture B, 949 Mixture, Meadow Pasture C, 950 Red Clover, Medium, 932	1941 1941 1941 1941 1941 1941 1941	S S S S S S S	83 84 75 60 76 82 82 75	99.31 99.08 99.39 99.48 96.55 97.75 97.72 99.30
Eastern States Farmers' Exc., Manchester	12362 12360 12359 12356 12363 12364 12355 12365 12358 12361 12357	Alfalfa, Grimm, 900 Alsike Clover, 903 Hungarian Millet, 956 Japanese Millet, 904 Ladino Clover, 5301 Redtop, Fancy Solid, 4801 Ryegrass, Domestic, 5121 Sudan Grass, 945 Timothy, 892 Timothy, Alsike Mixture Vetch, Hairy, 926	1941 1941 1942 1941 1942 1941 1941 1941 1941 1941 1941	S S S S S S S S S S S	75 70 82 90 85 90 92 88 90 88 75	99.50 99.45 99.00 99.00 99.00 99.40 98.10 98.95 99.55 99.40 99.00

A = Above S = Satisfactory.

*As stated on tag accompanying seed.

SEED INSPECTION, 1942—Continued

Name and Address of Dealer	Sample No.	Kind of Seed	Date Tested*	Purity		Germination	
				Found	Guaran- teed	Found	Guaran- teed
Farm Service Company, Derry	12441	Ladino Clover, 100-393	1942	S	98.50	S	90
	12450	Oats, P. G., 42-1013	1942	S	96.00	S	90
Farm Service Company, Derry	12447	Red Clover, Anchor, Medium, 15-399	1942	S	99.27	S	80
	12449	Soybeans, Manchou, 42-180	1942	S	99.00	S	90
Farm Service Company, Dover	12456	Alsike Clover, Anchor, 25-297	1942	S	97.45	S	81
	12473	Canada Field Peas, 40-68	1942	S	99.50	S	90
	12474	Oats, Unknown, 42-1013	1942	S	96.00	S	90
	12471	Redtop, 30-108	1941	A	92.00	S	87
	12470	Rye, Spring, 85-97	1940	S	99.50	57	87
	12455	Timothy, Arco, 10-357	1942	S	99.62	S	90
	12472	Vetch, Spring, 43-86	1942	S	95.00	S	85
	12496	Mixture, Red Clover and Alsike, 15-399, Medium Anchor	1942	S	99.27	S	80
Farm Service Company, Portsmouth	12497	Redtop, Solar, 8115	1940	S	94.46	S	90
	12499	Redtop, 30-111	1942	S	94.00	S	90
	12498	Rye, Spring, 85-134	1942	S	97.50	S	85
	12506	Alsike Clover, 25-278	1941	S	98.53	S	78
Farmers' Feed & Supply Co., Lancaster	12501	Japanese Millet, 38-167	1941	S	98.53	77	88
	12508	Redtop, 30-115	1940	S	94.00	S	90
	12503	Ryegrass, Domestic, 39-62	1942	S	99.49	S	93
	12507	Wheat, Winter, N. Y. State, 65-65	1937	S	98.50	83	91
	12388	Alfalfa, Grimm, 28-238	1940	S	99.20	75.5	85
	12387	Alsike, Clover, 25-303	1942	S	97.50	S	80
Farmers' Feed & Supply Co., Manchester	12389	Barley, 6-row, 35-280	1941	S	98.50	S	88
	12378	Hungarian Millet, 38-239	1942	S	98.00	S	87
	12392	Hungarian Millet, 38-192	1941	S	98.00	71.5	83
	12385	Japanese Millet, 38-231	1941	S	97.00	S	85
	12377	Oats, 40-42 lb., Overall Re-cleaned, Selected	1942	S	96.00	S	94
	12386	Red Clover, Medium, 15-350	1942	S	99.25	S	82
	12391	Redtop, 30-116	1942	S	94.00	S	90
	12390	Soybeans, Black Wilson, 42155	1941	S	98.50	S	80
General Mills, Inc., Exeter	12375	Timothy, Arco, 10-360	1942	98.88	99.80	S	90
	12440	Alfalfa, Grimm, Certified, 28-288	1942	S	99.50	S	72
12415	Alsike Clover, 25-297	1942	S	97.45	S	81	

General Mills, Inc.,	Alsike Clover, Arco, 25-313	1942	S	99.00	87
Exeter	Bluegrass, Kentucky, 34-79	1942	S	87.30	85
	Hungarian Millet, 38-233	1942	A	97.50	85
	Japanese Millet, 38-231	1942	96.67	98.25	85
	Red Clover, Arco, 13-391	1942	S	99.00	75
	Redtop, Arco, 30-111	1942	S	94.00	90
	Soybeans, 42-137	1941	S	99.00	90
	Timothy, Arco, 10-334	1941	S	99.60	90
	Timothy, Arco, 10-367	1942	S	99.60	90
	Timothy, Arco, 10-357	1942	S	99.62	90
Holbrook Grocery Company,	Alsike Clover, Special, 4238	1942	S	96.65	81
Woodsville	Alsike Clover, Monad.	1942	S	98.35	83
	Canada Field Peas, 85564	1942	S	99.50	80
	Hungarian Millet, 8385	1942	S	99.17	80
	Red Clover, Special, Medium, 10183	1942	S	97.67	81
	Timothy, 66238	1942	S	99.70	90
	Timothy, Special, 5346	1942	S	98.25	90
	Timothy, Monad., 5345	1942	S	99.50	90
John P. Kimball,	Alsike Clover	1940	S	98.50	89
Exeter	Redtop, 100	1940	S	98.20	92
Lisbon Coal & Grain Co.,	Red Clover, Medium, 6249	1942	S	99.25	82
Lisbon					
J. J. Moreau & Son,	Hungarian Millet, 48-2	1942	S	99.56	83
Manchester	Japanese Millet, 496	1942	A	97.50	85
	Oats, Swedish Type, 8350	1941	S	99.40	90
	Rape, Dwarf Essex, 9611	1942	S	99.00	92
	Red Clover, Pan American, Medium, 50541	1942	S	99.24	81
	Redtop, Pan American, 40516	1942	A	94.70	95
	Timothy, Pan American, 781	1941	S	99.60	91
	Timothy, Pan American, 12522	1942	S	99.65	90
	Vetch, Winter Hairy, 9484	1941	S	99.69	90
	White Clover, Fancy, 50-4-29	1942	S	97.10	88
Merrimack Farmers' Exchange,	Alfalfa, Grimm, 27612	1942	S	99.50	80
Concord	Alsike Clover, 21882	1942	94.73	98.30	81
	Bluegrass, Kentucky, 0329	1942	S	86.40	85
	Buckwheat, Japanese, 16145-6	1941	S	99.64	96
	Canada Field Peas, 085343	1940	S	99.50	90
	Chewings Fescue, 9945	1941	S	98.00	85
	Crimson Clover, Domestic, 21257	1941	S	99.00	85
	Crimson Clover, 22-15	1939	S	98.68	78
	Hungarian Millet	1942	S	99.08	83
	Japanese Millet, 81207	1941	S	97.82	87

*As stated on tag accompanying seed.

S = Satisfactory.

A = Above.

SEED INSPECTION, 1942—Continued

Name and Address of Dealer	Sample No.	Kind of Seed	Tested* Date	Purity		Germination	
				Found	Guaran- teed	Found	Guaran- teed
Merrimack Farmers' Exchange, Concord (continued)	12323	Ladino Clover, 026594	1942	S	98.40	S	70
	12340	Rape, Dwarf Essex, 095565	1942	S	99.68	S	95
	12327	Red Clover, Medium, 24846	1942	S	99.40	S	84
	12333	Red Clover, Mammoth, 025780-2	1940	82	99.50	82	90
	12343	Red Clover, Medium, 24797	1941	S	99.34	S	75
	12318	Redtop, 4121	1941	S	93.40	S	91
	12320	Kye, Spring, 07475	1940	66.5	98.44	66.5	96
	12339	Ryegrass, Perennial, 573	1941	S	99.00	S	90
	12322	Sudan Grass, 098322	1942	S	98.46	S	85
	12334	Sweet Clover, White Blossom, 25251	1941	S	99.80	S	83
	12335	Sweet Clover, White Blossom, 25273	1941	S	99.60	S	86
	12317	Timothy, 5319	1941	S	99.60	S	90
	12328	Timothy, 8042	1941	S	99.60	S	85
12329	Timothy, 6633	1941	S	99.70	S	90	
12332	Timothy, 66159	1941	S	99.70	S	92	
12321	Veich, Winter, 99203	1941	S	99.29	S	84	
12319	Wheat, Winter, Yorkwin, 73-35	1940	S	99.50	S	92	
12330	Wheat, Spring, Marquis Type 75129	1939	S	99.00	S	90	
12331	Wheat, Spring, Marquis, 07598	1940	S	98.87	S	85	
Merrimack Farmers' Exchange, Exeter	12343	Hungarian Millet, 8383	1942	S	99.08	S	80
	12437	Japanese Millet, 81207	1941	S	97.82	S	87
	12411	Oats, Merrimack	1941	S	96.00	S	95
	12412	Redtop, 4121, Acc.	1941	S	93.40	S	91
	12436	Redtop, Oriole, 462	1941	S	93.50	S	90
	12413	Soybeans, Wilson, 23130	1941	S	98.00	S	80
	12435	Timothy, Pan American, 66159	1941	S	99.70	S	92
	12587	Alfalfa, Grimm, 27539	1941	S	99.14	S	80
Merrimack Farmers' Exchange, Franklin	12550	Alsike Clover, Solar, 4298	1942	S	98.25	S	75
	12562	Japanese Millet, 23095	1941	S	97.00	S	90
	12549	Red Clover, Solar, Medium, 10567	1942	S	99.36	S	86
	12548	Rye, Spring, 23852	1942	S	96.00	S	75
	12551	Vetch, Hairy, 99201	1940	S	99.64	S	80
	12366	Alsike Clover, 8073	1941	S	95.50	S	75
	12468	Barley, 6-row, 1119-10	1941	S	99.69	S	93
12469	Redtop, Pine Tree, 4154	1942	S	95.90	S	93	
A. M. Rand, Plymouth	12604	Red Clover, Medium, 8667	1942	S	99.55	S	85
	12552	Redtop, 8508	1942	S	90.40	S	90
	12605	Timothy, 66162	1941	S	99.70	S	91

S. A. Schurman & Son, Portsmouth	12484 12483 12478	Alfalfa, Grimm, Pan American, 22-4 Alsike Clover, Anchor, 25-310 Bluegrass, Kentucky, Extra Fancy, 36720	1942 1942 1942	S S S	99.16 97.50 98.20	S 68 76.5	80 88 88
	12479 12480 12486 12481 12485 12487 12482	Golden Millet, 47-3 Hungarian Millet, 38-163 Hungarian Millet, 48-2 Redtop, 30-105 Redtop, 30-117 Ryegrass, Domestic, 441 Timothy, Arco, 10-365	1942 1941 1942 1941 1942 1942 1942	S S S S S S S	99.36 98.00 99.56 95.00 92.00 99.76 99.60	S S 56.5 S S S S	82 88 83 90 90 92 90
J. H. Seavey, Dover	12453 12460 12452 12459 12454 12464 12465 12466	Barley, Wisconsin No. 38, 6-row, 5987 Hungarian Millet, 6181 Japanese Millet, 5447 Japanese Millet, 1473 Oats, Victory, 5924 Rape, 4461 Redtop, 3072 Timothy, Liberty, 3604	1942 1942 1940 1941 1941 1940 1941 1942	S S S S S S S S	98.79 99.04 98.00 97.14 98.50 99.51 97.18 99.70	S S S S S S S S	92 80 90 88 93 95 92 90
F. B. Spaulding Company, Lancaster	12512 12505 12513 12504 12502 12515 12500 12514 12516 12527	Alsike Clover, 25-312 Barley, Wisconsin Barley, Wisconsin No. 38, 35-315 Buckwheat, Japanese, 65-104 Hungarian Millet, 38-248 Hungarian Millet, 83-3 Japanese Millet, 38-251 Japanese Millet, 6237 Japanese Millet, 81-6 Oats, O & M Seed, 188	1942 1942 1942 1942 1942 1942 1942 1942 1942 1941	S S S S S S S S S S	98.00 98.79 99.60 99.60 97.50 99.10 97.50 98.01 97.94 99.00	S S S S S A S S S S	81 92 93 88 85 85 85 86 86 93
C. P. Stevens, Plymouth	12602 12603 12599 12609 12598 12593	Buckwheat, Japanese, 86-21 Japanese Millet, 28176 Mixture, Stevens Oats, Swedish Select Type, 73-12 Soybeans, Black Wilson, 84-292 Timothy, 66-226	1939 1941 1939 1940 1940 1942	S S S S S S	99.92 98.66 98.32 97.18 99.20 99.60	S S 44 S S S	95 85 91 92 85 90
The Stymest Company, Bath	12542	Timothy, 3551	1942	S	99.65	S	90
Sunshine Feed Store, Manchester	12397 12395	Alfalfa, Grimm, 28-306 Japanese Millet, 38-23	1942 1942	S S	99.50 98.25	60 S	75 85

*As stated on tag accompanying seed.

A = Above.

S = Satisfactory.

SEED INSPECTION, 1942—Concluded

Name and Address of Dealer	Sample No.	Kind of Seed	Tested* Date	Purity		Germination		
				Found	Guaran- teed	Found	Guaran- teed	
Sunshine Feed Store, Manchester (continued)	12399	Oats, Anchor Brand, Victory Type, 36-144	1942	S	98.10	S	92	
	12398	Rape, 44-40	1942	S	98.30	S	86	
	12394	Red Clover, Medium, 15-391	1942	S	99.00	S	78	
	12396	Redtop, 30-114	1942	S	92.00	S	90	
	12393	Timothy, 10-357	1942	S	99.62	78	90	
	12400	Timothy, Arco, 10-331	1941	S	99.60	S	90	
	Alex Szyman, Claremont	12581	Alfalfa, Grimm, 5812	1941	S	99.80	S	79
12573		Hungarian Millet, 8380	1941	S	98.84	S	81	
12574		Hungarian Millet, 16-6042	1941	A	97.60	57.5	85	
12582		Japanese Millet, J-C-41	1941	A	95.72	S	84	
12578		Red Clover, Medium, 3981	1942	S	98.70	S	84	
12579		Redtop, 3853	1942	S	92.60	S	80	
12589		Redtop, 3072	1941	S	97.18	S	92	
12583		Sudan Grass, 30-1	1942	S	98.00	S	85	
12572		Timothy, 3584	1942	S	99.60	74.5	90	
Sunshine Feed Store, West Lebanon		12577	Oats, Anchor Brand, Victory Type, 36-155	1942	S	98.10	S	92
		12561	Soybeans, Cayuga, 42-165	1942	S	99.00	S	88
	12590	Sudan Grass, 70-89	1942	S	98.00	S	85	
	12591	Timothy, 10-302	1941	S	99.60	S	90	
J. B. Varick Company, Manchester	12373	Alsike Clover, 21891	1942	S	98.95	S	80	
	12384	Bentgrass, Astoria, 034637	1942	S	98.90	S	90	
	12380	Bluegrass, Kentucky, 0324	1942	S	87.00	S	83	
	12383	Chewings Fescue, 034615	1942	S	98.25	S	85	
	12376	Hungarian Millet	1942	S	99.58	S	85	
	12382	Japanese Millet, 81207	1942	S	97.82	S	90	
	12374	Oats, 73229	1942	S	98.38	S	93	
	12371	Rape, Dwarf Essex, 095567-1	1942	S	99.80	S	95	
	12381	Redtop, 4153	1942	S	92.10	S	92	
	12372	Rye, Spring, 74237	1942	S	98.08	S	90	
	12379	Ryegrass, Domestic, 038212-2	1942	S	98.80	S	90	
	12370	Soybeans, Wilson, 084436	1942	S	99.50	S	90	
	Woodsville Grain Company, Woodsville	12567	Alfalfa, Grimm, 2286	1940	S	99.04	S	84
		12346	Alsike Clover, Pan American, 1559	1942	S	98.00	S	81
		12553	Hungarian Millet, 38-237	1941	S	99.10	S	82
12563		Japanese Millet, 38-144	1939	S	98.50	S	86	

12588	Red Clover, Medium, 24907	1942	S	99.24	A	82
12541	Redtop, 4179	1942	S	92.80	S	91
12580	Timothy, 66253	1942	S	99.65	S	90
12423	Red Clover, Medium, 7454	1939	A	62.00	S	77
12422	Redtop, 7413	1939	A	84.00	S	90
12424	Timothy, 7427	1939	A	95.00	I	90

*As stated on tag accompanying seed.

A = Above

S = Satisfactory.







