

Kentucky Agricultural Experiment Station
UNIVERSITY OF KENTUCKY
THOMAS P. COOPER, Director

SEED INSPECTION IN KENTUCKY, 1942-43

**W. A. PRICE, E. C. VAUGHN, ENCIL DEEN, HOWARD TILSON,
ALICE McDANIEL, KATHARINE FRIED, MARGARET MORTON,
MARY LEE LITTELL, AND LUCY BAUGH.**

The Kentucky state seed tag has become a familiar fixture on bags of seed, and practically all farmers and seed dealers in the state recognize its value. It is a fairly reliable index to the contents of the bag, thus showing its value to prospective purchasers. In times like these when every dollar must be made to count, wise farmers are sowing good seed. They know the use of low grade seed may mean the loss of a crop and the additional loss of money, labor and time which were necessary in making preparation for the crop. They know that the tag enables them to prevent such losses by avoiding the purchase of undesirable seed.

The information on the tag is secured by careful inspection and accurate analysis by officials who are thoroughly trained and equipped for their work. The enforcement of the law has been just but courteous, and has resulted in drastic reduction of practices which were detrimental to both farmers and seedsmen.

During the fiscal year July 1, 1942, to June 30, 1943, inspectors examined 5,456 lots of seed and took official samples from 658 lots. This is an increase of 55 per cent over the five-year average of inspection. Analysts have spent approximately 1,200 hours making 1,416 tests on official samples. Enforcement officials have passed upon all violations and other irregularities.

Submission of Samples For Analysis

Attention is again called to the conditions governing submission of samples for analysis.

Any individual, firm, or corporation resident in the State of Kentucky may obtain free analysis of eight (8) samples of personally owned seed during a calendar year, provided that not more than two (2) such samples are submitted in any calendar month. A fee will be charged for each sample submitted in excess of this number. A list of the amounts of such fees will be furnished upon request.

The sample of seed must be taken in such a way that it represents as accurately as possible the lot being sampled. To this end it is important that equal quantities be taken from each container sampled, and from a similar place in each container, in a given lot of seed.

In lots of five bags or less, each bag of seed should be sampled. In larger lots, every fifth bag should be sampled, but never less than five bags. Whenever there is evidence of lack of uniformity in a lot of seed, each bag should be sampled separately. The samples from each bag may be kept separate or they may be combined in composite samples as circumstances require.

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

Grass seed not elsewhere mentioned, white or alsike clover, or seeds not larger than these.....	2 ounces
Red or crimson clover, alfalfa, rye grasses, brome grasses, millet, flax, rape, or seeds of similar size.....	4 ounces
Cereals, vetches, or seeds of similar or larger size.....	8 ounces

If means of weighing are not available, samples may be measured as follows: Grass seed, one teacup; alfalfa and clovers, one teacup; cereals (corn, wheat, rye, and seeds of similar size), two teacups.

Seeds submitted for analysis should be placed in containers which will not break easily in the mail, preferably in regular seed envelopes about 4x6 inches and mailed to the Seed Laboratory, Experiment Station, Lexington, Kentucky. Sometimes, when such envelopes are not used, it takes nearly as long to unwrap a package and transfer the contents to a container suitable for filing as it does to make a purity test. The following should be plainly written on the outside of each envelope or package: (1) Name and address

of sender, (2) kind of seed, (3) sender's mark, (4) kind of test desired.

Caution: Do not send samples in containers of metal, or use wire in tying packages.

Explanation of Tables

Results of analysis of official samples are shown in tables on following pages. Table 1 shows the percentages of purity and germination stated on tags, the presence of an excessive amount of noxious weed seeds, the presence of noxious weed seeds not shown on tags, irregularities in tags, absence of tags, and the results of official analyses of samples. The variations allowed in purity, germination, and weed seed per ounce are the same as those published in Kentucky Regulatory Series, Bulletin No. 4, Revised. Results within the allowed variation are marked with "+" if above, or "-" if below statement on official tags. Variations greater than those allowed constitute violations of the Kentucky Seed Law, and such results are printed in bold-faced type. In the table, "L" means listed and "F" means found.

Table 2 is a classification of samples according to wholesale dealers from whom they were purchased, and indicates violations found.

Table 3 contains a summary to show the kind and number of violations detected.

TABLE 1.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1942-43

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
	Bluegrass		<i>Percent</i>	<i>Percent</i>	
0-3685	A. T. Sanders, Lancaster	The C. S. Brent Seed Co., Lexington, Ky.	L 87.99 F —	L 80 F +	
0-3706	Farmers Supply Co., Lexington	The C. S. Brent Seed Co., Lexington, Ky.	L 85.71 F +	L 82 F +	
0-3711	Carter Supply Co., Lexington	The C. S. Brent Seed Co., Lexington, Ky.	L 90.41 F +	L 80 F +	
0-3719	Morgan & Crenshaw, Georgetown	Ross Seed Co., Louisville, Ky.	L 85 F —	L 85 F +	
0-3727	John B. Penn Co., Georgetown	Lewis Seed Co., Louisville, Ky.	L 85 F +	L 80 F +	
0-3728	Lot T Co. John B. Penn Co., Georgetown	G. M. Taylor Seed Co., Georgetown, Ky.	L 85 F +	L 85 F +	
0-3740	Lot 1 Clell Coleman & Sons, Harrodsburg	D. G. May, Harrodsburg, Ky.	L 85 F +	L 85 F —	
0-3741	Farmers Union Supply Co., Versailles	Ross Seed Co., Louisville, Ky.	L 85 F +	L 80 F —	
0-3746	H. C. Harmon, Lebanon	Louisville Seed Co., Louisville, Ky.	L 85 F +	L 80 F +	
0-3761	Lot 2611 Ward's General Store, Munfordville	Scott Seed Co., New Albany, Ind.	L 85 F +	L 80 F +	
0-3766	Lot 469 J. P. Page & Son, Barlow	Yopp Seed Co., Paducah, Ky.	L 88.62 F +	L 80 F +	
0-3770	Lot Z-397 Dairyman's Feed & Supply Co., Mayfield	Corneli Seed Co., St. Louis, Mo.	L 87.25 F +	L 80 F +	Excessive
0-3797	Dorsey Bros. & Fisher, Carlisle	Ross Seed Co., Louisville, Ky.	L 85 F +	L 80 F +	
0-3806	Lot C-1302 John A. Sheehan, Falmouth	The Livingston Seed Co., Cincinnati, Ohio	L 87.37 F —	L 80 F 63	
0-3808	Lot 2351 O. E. Donovan, Brooksville	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 86.15 F —	L 80 F +	
0-3809	Lot C 1305 T. T. Hill & Son, Germantown	The Livingston Seed Co., Cincinnati, Ohio	L 86.54 F +	L 80 F 66	
0-3814	Peck's Farmers Supply Co., Sharpsburg	Ross Seed Co., Louisville, Ky.	L 85 F +	L 80 F +	
0-3816	Lot H B M L. C. McLoney & Sons, Cynthiana	G. M. Taylor Seed Co., Georgetown, Ky.	L 86 F +	L 90 F +	
0-3818	Lot 1423-½ 41 L. C. McLoney & Sons, Cynthiana	Woodford Spears & Sons, Paris, Ky.	L 86.15 F +	L 80 F +	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			<i>Percent</i>	<i>Percent</i>	
0-3821	Richmond Hatchery, Richmond	Ross Seed Co., Louisville, Ky.	L 80 F —	L 75 F +	
0-3822	Lot 2616 Richmond Hatchery, Richmond	Scott Seed Co., New Albany, Ind.	L 80 F +	L 80 F —	
0-3843	Lot 42-6 Garrard Mills, Lancaster	Sphar & Co., Winchester, Ky.	L 85 F +	L 80 F +	
0-3851	Lot C 1308 Roy Vice Owingsville	The Livingston Seed Co., Cincinnati, Ohio	L 86.54 F —	L 80 F 71	Not listed
0-3868	Corbett Hdw. Co., Elizabethtown	Louisville Seed Co., Louisville, Ky.	L 85 F +	L 80 F +	Not listed
0-3875	McCauley Bros. Seed Co., Versailles	Ross Seed Co., Louisville, Ky.	L 85 F —	L 80 F —	
0-3885	Gentry McCauley Seed Co., Versailles	Jas. S. Wilson & Sons, Paris, Ky.	L 82 F —	L 80 F 69	
0-3887	Lot 2624 J. E. M. Milling Co., Frankfort	Scott Seed Co., New Albany, Ind.	L 80 F +	L 80 F +	
0-3889	Farmers Union Supply Co., Versailles	Ross Seed Co., Louisville, Ky.	L 85 F +	L 80 F +	
0-3890	Farmers Supply Co., Eminence	Louisville Seed Co., Louisville, Ky.	L 85 F —	L 85 F —	Not listed
0-3895	Dodd's Corner, Nicholasville	Ross Seed Co., Louisville, Ky.	L 85 F —	L 80 F +	
0-3896	Lot W. R. S. Lillard Miles, Nicholasville	Sphar & Co., Winchester, Ky.	L 85 F +	L 70 F —	
0-3904	Lot 1423-½ 41 Fayette Seed Co., Lexington	Woodford Spears & Sons, Paris, Ky.	L 86.15 F +	L 80 F +	
0-3905	Lot 62841 Rerun Fayette Seed Co., Lexington	Woodford Spears & Sons, Paris, Ky.	L 99.42 F —	L 87 F +	
0-3914	Lot A Growers Tobacco Warehouse, Lexington	W. P. & Keller Little, Lexington, Ky.	L 88 F 81.10	L 94 F —	
0-3924	Conner, Hayden & Co., Bardstown	Louisville Seed Co., Louisville, Ky.	L 85 F +	L 80 F +	
0-3940	Lot 69 Guenther Hdw. Co., Owensboro	J. M. Schultz Seed Co., Dieterich, Ill.	L 86.01 F +	L 85 F —	
0-3953	Lot D 4050 Hickman Hdw. Co., Hickman	Ed. F. Mangelsdorf & Bro., St. Louis, Mo.	L 85.10 F +	L 83 F +	
0-3973	Cadiz Hdw. Co. Cadiz	J. M. Schultz Seed Co., Dieterich, Ill.	L 85.01 F —	L 85 F —	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity		Germination	Noxious weed seed
			Percent	Percent		
0-3974	Albert Wallace, Cadiz	C. B. Ragland Co., Nashville, Tenn.	L 87.38 F +	L 80 F —		
0-3982	Lot 176 Vick Smith, Bowling Green	Chambers Seed Co., Louisville, Ky.	L 90.25 F +	L 80 F +		
0-3988	Scottsville Feed Co., Scottsville	Louisville Seed Co., Louisville, Ky.	L 85 F +	L 80 F +		
0-3993	Bale Hdw. & Impl. Co., Horse Cave	Louisville Seed Co., Louisville, Ky.	L 85 F +	L 80 F +		
0-3997	E. S. Ferrill & Son, Buffalo	E. S. Ferrill & Son, Buffalo, Ky.	L 80 F —	L 80 F +		
0-4006	E. S. Ferrill & Son, Buffalo	E. S. Ferrill & Son, Buffalo, Ky.	L 80 F —	L 80 F +		
0-4016	Lot 62442 L. C. McLoney & Sons, Cynthiana	Woodford Spears & Sons, Paris, Ky.	L 89.64 F +	L 84 F —		
0-4025	Lot C 1306-1 John A. Sheehan, Falmouth	The Livingston Seed Co., Cincinnati, Ohio	L 83.07 F 77.88	L 76 F —		
0-4029	Lot C 13278 T. T. Hill & Son, Germantown	The Livingston Seed Co., Cincinnati, Ohio	L 86.45 F +	L 80 F +		
0-4035	Lot B112-12 Warsaw Hdw. Co., Warsaw	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 90.59 F 85.06	L 80 F +		Excessive
0-4042	Lot 2626 J. W. Purkey & Son, Berea	Scott Seed Co., New Albany, Ind.	L 85 F +	L 80 F 69		
0-4045	Farmers Grain & Produce Co., Irvine	The C. S. Brent Seed Co., Lexington, Ky.	L 85 F +	L 85 F +		
0-4048	Ky. Wholesale Co., Pikeville	Louisville Seed Co., Louisville, Ky.	L 85 F —	L 80 F —		
0-4052	Robinson & Turley, Richmond	Louisville Seed Co., Louisville, Ky.	L 85 F —	L 80 F —		
0-4053	Richmond Hatchery, Richmond	Lewis Seed Co., Louisville, Ky.	L 85 F +	L 82 F —		
0-4057	Lot 42-4 Renfro Supply Co., Williamsburg	Sphar & Co., Winchester, Ky.	L 85 F —	L 80 F +		Excessive
0-4068	Morris Bros., Somerset	Lewis Seed Co., Louisville, Ky.	L 85 F +	L 82 F 72		
0-4081	Geo. P. Taylor Co., Burnside	Louisville Seed Co., Louisville, Ky.	L 85 F —	L 80 F —		
0-4089	Red Bird Borders Bros. Hdw. Co., Lebanon	Lewis Seed Co., Louisville, Ky.	L 85 F +	L 82 F —		
0-4104	Lot 111 Harper & Runyon, Catlettsburg	The Mahan Co., Winchester, Ky.	L 85 F 80.93	L 80 F 61		Excessive

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity		Germination	Noxious weed seed
			Percent	Percent		
0-4105	Lot 1 W. L. Thomas Hatchery, Flemingsburg	W. L. Thomas Hatchery, Flemingsburg, Ky.	L 85 F —	L 83 F 72		
0-4107	Lot C 1333 Roy H. Vice, Owingsville	The Livingston Seed Co., Cincinnati, Ohio	L 85.76 F —	L 80 F +		
0-4108	Lot 112 Williams Groc. Co., Paintsville	The Mahan Co., Winchester, Ky.	L 78 F —	L 75 F 58		
0-4109	Lot 106 Williams Groc. Co., Paintsville	The Mahan Co., Winchester, Ky.	L 85 F —	L 80 F 70		Not listed
0-4112	Lot C 1331 Peck's Farmers Supply Co., Sharpsburg	The Livingston Seed Co., Cincinnati, Ohio	L 85.76 F +	L 80 F +		
0-4123	Grigsby & Co., Bardstown	Ross Seed Co., Louisville, Ky.	L 85 F +	L 80 F —		
0-4124	Lot 178 Grigsby & Co., Bardstown	Chambers Seed Co., Louisville, Ky.	L 90.25 F +	L 80 F —		
0-4130	Red Bird 21# Humphrey Bros., Bloomfield	Lewis Seed Co., Louisville, Ky.	L 85 F +	L 82 F 73		
0-4139	Lot C 1333 Chas. P. Houchins & Son, Mt. Olivet	The Livingston Seed Co., Cincinnati, Ohio	L 85.76 F +	L 80 F 59		
0-4140	Lot 2858 O. E. Donovan, Brooksville	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 85.15 F —	L 80 F 69		
0-4147	Lot 3025 Melvin Hart, Falmouth	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 88.20 F —	L 80 F +		
0-4151	Lot 384 Keith & Lykins, Springdale	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 89.03 F —	L 83 F +		
0-4157	J. D. Ashcraft, Irvington	Louisville Seed Co., Louisville, Ky.	L 85 F +	L 80 F —		
0-4172	Lot 111 Bell Cty. Supply Co., Middlesboro	The Mahan Co., Winchester, Ky.	L 85 F 79.74	L 80 F 56		Excessive
0-4178	Lot B-43 AMS-6 Allen & Jenkins, Bowling Green	C. B. Ragland Co., Nashville, Tenn.	L 87.38 F 80.76	L 80 F —		
0-4209	Lot 2858 Hess & Racke, Alexandria	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 84.45 F —	L 80 F —		Not listed
0-4217	Tru Val Lot 3278 Gresham Bros., Eddyville	Purcell Seed Co., Evansville, Ind.	L 85.40 F +	L 80 F —		

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			<i>Percent</i>	<i>Percent</i>	
0-4222	L. H. Barclay & Son, Arlington	Yopp Seed Co., Paducah, Ky.	L 87.67 F +	L 80 F —	
0-4260	John B. Penn & Son, Georgetown	Lewis Seed Co., Louisville, Ky.	L 85 F —	L 80 F —	
0-4262	Arthur Blackaby, Eminence	Ross Seed Co., Louisville, Ky.	L 80 F +	L 75 F —	
0-4280	Lot J. D. G. Robinson & Turley, Richmond	Sphar & Co., Winchester, Ky.	L 83 F +	L 73 F —	Not listed
	Millet				
0-4245	Geo. P. Taylor Co., Burnside	Louisville Seed Co., Louisville, Ky.	L 99 F +	L 90 F —	
0-4281	Robinson & Turley, Richmond	Ross Seed Co., Louisville, Ky.	L 99 F +	L 85 F +	
0-4283	Triplett's Store, Corbin	Louisville Seed Co., Louisville, Ky.	L 99 F +	L 90 F —	
	Orchard Grass				
0-3699	Lot 153 Hansford's, Somerset	National Seed Co., Louisville, Ky.	L 85 F +	L 80 F +	
0-3700	Lot 709 Morris Bros., Somerset	Chambers Seed Co., Louisville, Ky.	L 85.05 F 80.34	L 85 F +	
0-3747	Lot 153 Scottsville Feed Co., Scottsville	National Seed Co., Louisville, Ky.	L 85 F —	L 80 F +	
0-3804	Lot 2512 Kenneth T. Marquette, Falmouth	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 86.20 F +	L 88 F +	
0-3813	Adams & Moore, Cynthiana	Louisville Seed Co., Louisville, Ky.	L 85 F +	L 85 F +	
0-3828	Lot 1602 Robinson & Turley, Richmond	Green Bros., Nashville, Tenn.	L 85 F 72.31	L 85 F +	Not listed
0-3871	Corbett Hdw. Co., Elizabethtown	Louisville Seed Co., Louisville, Ky.	L 85 F 76.93	L 85 F +	
0-3878	McCauley Bros. Seed Co., Versailles	Unknown	L 82.14 F +	L 85 F +	Excessive
0-3907	Farmers Supply Co., Lexington	The C. S. Brent Seed Co., Lexington, Ky.	L 83 F —	L 84 F +	
0-3964	Lot 556 J. P. Page & Son, Barlow	Yopp Seed Co., Paducah, Ky.	L 85 F —	L 85 F +	
0-3981	Lot 169 R. E. Petrie, Bowling Green	C. B. Ragland Co., Nashville, Tenn.	L 87 F +	L 80 F +	Not listed

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			Percent	Percent	
0-3991	Lot 217 Scottsville Feed Co., Scottsville	National Seed Co., Louisville, Ky.	L 78.87 F +	L 86 F +	
0-3999	Lot 218 H. D. Jones, Glasgow	National Seed Co., Louisville, Ky.	L 85 F +	L 85 F +	
0-4014	Adams & Moore, Cynthiana	Ross Seed Co., Louisville, Ky.	L 82 F +	L 85 F +	Excessive
0-4022	Lot 2946 Kenneth T. Marquette, Falmouth	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 87.70 F —	L 87 F +	
0-4032	Johnson Coleman, Powersville	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 80 F +	L 80 F +	Not listed
0-4033	Lot 1327 Walton & Rednour, Walton	The Livingston Seed Co., Cincinnati, Ohio	L 85 F —	L 85 F +	
0-4040	Lot 186 Knox Cty. Supply Co., Barbourville	National Seed Co., Louisville, Ky.	L 85 F —	L 90 F —	Excessive
0-4041	Hart Bros., Berea	The C. S. Brent Seed Co., Lexington, Ky.	L 85 F —	L 84 F +	Excessive
0-4047	Ky. Wholesale Co., Pikeville	Louisville Seed Co., Louisville, Ky.	L 85 F +	L 85 F +	Excessive
0-4061	Lot 186 Renfro Supply Co., Williamsburg	National Seed Co., Louisville, Ky.	L 85 F —	L 90 F +	Excessive
0-4066	J. H. Tate & Co., Monticello	Ross Seed Co., Louisville, Ky.	L 85 F 74.47	L 85 F +	
0-4117	Lot 2946 J. F. Bertram & Son, Vanceburg	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 87.70 F —	L 87 F +	Not listed
0-4149	Lot 4057 Melvin Hart, Falmouth	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 86.31 F —	L 85 F +	
0-4164	Lot 217 E. W. Simpson Owenton	National Seed Co., Louisville, Ky.	L 80 F +	L 85 F +	
0-4175	Red Bird Ky. Wholesale Co., Pikeville	Lewis Seed Co., Louisville, Ky.	L 82 F 76.67	L 85 F +	
0-4179	Lot 274 Ideal Hdw. Co., Glasgow	Ragland, Potter & Co., Glasgow, Ky.	L 85 F +	L 85 F +	Not listed
0-4205	Lot 579 L. H. Barclay & Son, Arlington	Yopp Seed Co., Paducah, Ky.	L 78.11 F 58.83	L 90 F +	Not listed

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
	Redtop		<i>Percent</i>	<i>Percent</i>	
0-3670	Lot 175 AMS-46 U-Tote-Em Groc., Benton	J. M. Schultz Seed Co., Dieterich, Ill.	L 92.14 F —	L 90 F +	
0-3697	G. M. Estes, Science Hill	Louisville Seed Co., Louisville, Ky.	L 92 F +	L 90 F +	
0-3751	J. C. Cook, Tompkinsville	Ross Seed Co., Louisville, Ky.	L 92 F —	L 90 F +	
0-3771	Lot 177 Clinton Hatchery, Clinton	J. M. Schultz Seed Co., Dieterich, Ill.	L 92.41 F +	L 90 F +	
0-3786	Shelbyville Feed & Seed Co., Shelbyville	Louisville Seed Co., Louisville, Ky.	L 92 F +	L 90 F +	
0-3831	Hoosier Lot R F Robinson & Turley, Richmond	Wyatt Seed Co., Petersburg, Ind.	L 92 F —	L 90 F +	
0-3841	Garrard Mills, Lancaster	Lewis Seed Co., Louisville, Ky.	L 92 F +	L 90 F +	
0-3847	Lot 162 Garrard Mills, Lancaster	J. M. Schultz Seed Co., Dieterich, Ill.	L 92.29 F +	L 90 F +	
0-3855	Lot 839 Grigsby & Co., Bardstown	Chambers Seed Co., Louisville, Ky.	L 93.06 F +	L 94 F —	
0-3860	Lot 859 Barnett-Sullivan & Co., Harrodsburg	National Seed Co., Louisville, Ky.	L 87.58 F —	L 90 F +	
0-3863	Lot 839 Cecilian Milling Co., Elizabethtown	Chambers Seed Co., Louisville, Ky.	L 93.06 F +	L 96 F +	
0-3869	Corbett Hdw. Co., Elizabethtown	Louisville Seed Co., Louisville, Ky.	L 92 F +	L 90 F +	
0-3913	Levi Goff, Jr., Winchester	Ross Seed Co., Louisville, Ky.	L 92 F +	L 90 F —	
0-3915	Grayson Cty. Supply Co., Leitchfield	Lewis Seed Co., Louisville, Ky.	L 92 F —	L 90 F +	
0-3916	Grayson Cty. Supply Co., Leitchfield	Louisville Seed Co., Louisville, Ky.	L 92 F +	L 90 F +	
0-3922	Lot 839 Grigsby & Co., Bardstown	Chambers Seed Co., Louisville, Ky.	L 93.06 F +	L 94 F +	
0-3928	Aaron L. Moore & Son, Leitchfield	Lewis Seed Co., Louisville, Ky.	L 81.87 F +	L 90 F —	
0-3929	Aaron L. Moore & Son, Leitchfield	Purcell Seed Co., Evansville, Ind.	L 92.35 F +	L 90 F 81	
0-3931	L. B. Carden, Hartford	Louisville Seed Co., Louisville, Ky.	L 92 F +	L 90 F +	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			<i>Percent</i>	<i>Percent</i>	
0-3933	Lot 840 Cecilian Milling Co., Elizabethtown	Chambers Seed Co., Louisville, Ky.	L 95.80 F 92.96	L 93 F —	
0-3939	Lot 170 Guenther Hdw. Co., Owensboro	J. M. Schultz Seed Co., Dieterich, Ill.	L 90 F +	L 90 F +	
0-3941	Lot R K A. E. Cohen, Greenville	Wyatt Seed Co., Petersburg, Ind.	L 92 F +	L 90 F +	
0-3950	Lot 403 Norris Hdw. & Seed Co., Henderson	J. M. Schultz Seed Co., Dieterich, Ill.	L 92 F +	L 90 F +	
0-3959	Lot 177 Clinton Hatchery, Clinton	J. M. Schultz Seed Co., Dieterich, Ill.	L 92.41 F +	L 90 F —	
0-3963	Lot 549 J. M. Hunt & Sons, Wickliffe	Yopp Seed Co., Paducah, Ky.	L 90 F +	L 90 F +	
0-3965	Lot C 173 Dairyman's Feed & Supply Co., Mayfield	J. M. Schultz Seed Co., Dieterich, Ill.	L 92 F +	L 90 F 81	Not listed
0-3968	Lot 2319 Heathe Hdw. & Furniture Co., Benton	Dairyman's Feed & Supply Co., Mayfield, Ky.	L 92.07 F +	L 90 F —	
0-3970	Lot 150 U-Tote-Em Groc., Murray	J. M. Schultz Seed Co., Dieterich, Ill.	L 80 F —	L 80 F +	
0-3985	Allen & Jenkins, Bowling Green	C. B. Ragland Co., Nashville, Tenn.	L 92.55 F +	L 90 F +	
0-3987	Lot 2442 Hughes Hdw. Co., Franklin	Farmers Elevator Co., Franklin, Ky.	L 92.18 F +	L 90 F +	
0-3998	Lot 162 Ideal Hdw. Co., Glasgow	J. M. Schultz Seed Co., Dieterich, Ill.	L 92.29 F +	L 90 F +	
0-4067	J. H. Tate & Co., Monticello	Ross Seed Co., Louisville, Ky.	L 92 F +	L 90 F +	
0-4071	Morris Bros., Somerset	Louisville Seed Co., Louisville, Ky.	L 92 F +	L 90 F +	
0-4093	Fancy Lot 6642 Borders Bros. Hdw. Co., Lebanon	E. S. Ferrill & Son, Buffalo, Ky.	L 92.52 F +	L 90 F —	
0-4100	Lot 2527 H. C. Harmon, Perryville	Scott Seed Co., New Albany, Ind.	L 96 F —	L 90 F —	
0-4132	Red Bird Humphrey Bros., Bloomfield	Lewis Seed Co., Louisville, Ky.	L 92 F —	L 90 F +	Not listed
0-4218	Gresham Bros., Eddyville	Dairyman's Feed & Supply Co., Mayfield, Ky.	L 92 F +	L 90 F +	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity		Germination	Noxious weed seed
			Percent	Percent		
0-4221	Lot 16 Prince Hdw. Co., Eddyville	Covington Bros. & Co., Paducah, Ky.	L 93.60 F +	L 90 F +		
0-4233	Dowell's Market, Liberty	Ross Seed Co., Louisville, Ky.	L 92 F +	L 90 F —		
Ryegrass						
0-3694	Lot 2022 CSC L. D. Flanagan, Russell Springs	Chambers Seed Co., Louisville, Ky.	L 99.05 F +	L 98 F 90		Not listed
0-3701	Durham Impl. Co., Stanford	Ross Seed Co., Louisville, Ky.	L 99 F +	L 90 F +		
0-3732	John B. Penn Co., Georgetown	Lewis Seed Co., Louisville, Ky.	L 99.20 F +	L 90 F —		
0-3737	G. M. Taylor Seed Co., Georgetown	Ross Seed Co., Louisville, Ky.	L 99 F +	L 90 F +		
0-3773	Lot G Watson Coal & Feed Co., Princeton	Young & Conway, Morganfield, Ky.	L 90 F 84.62	L 90 F +		
0-3779	Lot 2022 C. L. Jewell & Son, Louisville	Chambers Seed Co., Louisville, Ky.	L 99.05 F +	L 98 F +		
0-3796	Dorsey Bros. & Fisher, Carlisle	Ross Seed Co., Louisville, Ky.	L 99 F +	L 90 F +		
0-3836	Lot L A. T. Sanders, Lancaster	Unknown	L 98.86 F +	L 90 F +		
0-3870	Lot 10 Corbett Hdw. Co., Elizabethtown	National Seed Co., Louisville, Ky.	L 99 F +	L 90 F +		
0-3961	Bardwell Hdw. Co., Bardwell	Dairyman's Feed & Supply Co., Mayfield, Ky.	L 99.20 F +	L 90 F +		
0-4158	Lot S-20-2 Coleman Feed & Supply Co., Marion	Unknown	L 99.44 F —	L 90 F +		
0-4219	Lot 3623 Gresham Bros., Eddyville	Purcell Seed Co., Evansville, Ind.	L 99.56 F +	L 90 F +		
0-4227	J. A. Bennett, Taylorsville	Ross Seed Co., Louisville, Ky.	L 99 F +	L 90 F +		
0-4241	Lot 2022 Morris Bros., Somerset	Chambers Seed Co., Louisville, Ky.	L 99.05 F +	L 98 F —		
0-4250	A. T. Sanders, Lancaster	Louisville Seed Co., Louisville, Ky.	L 99 F +	L 90 F +		
Timothy						
0-3671	Tru Val Lot 3445 Trigg Cty. Trading Co., Cadiz	Purcell Seed Co., Evansville, Ind.	L 99.60 F +	L 90 F +		

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity		Germination	Noxious weed seed
			Percent	Percent		
0-3673	Lot 601 Hess & Racke, Alexandria	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 99.50 F +	L 90 F +		Not listed
0-3674	Lot C 730 Hess & Racke, Alexandria	The Livingston Seed Co., Cincinnati, Ohio	L 99.60 F +	L 90 F +		
0-3680	Geo. P. Taylor Co., Albany	Chambers Seed Co., Louisville, Ky.	L 96 F +	L 80 F 44		
0-3690	H. W. Noland, Richmond	The C. S. Brent Seed Co., Lexington, Ky.	L 99.50 F +	L 95 F 84		
0-3698	Lot C 72021 G. M. Estes, Science Hill	The Livingston Seed Co., Cincinnati, Ohio	L 99.60 F +	L 90 F —		
0-3702	Durham Impl. Co., Stanford	Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F 81		
0-3712	Lot 576 Carroll Cty. Farm Bureau, Carrollton	National Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +		
0-3733	John B. Penn Co., Georgetown	Lewis Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +		Not listed
0-3769	Lot 929 Carlisle Hdw. Co., Bardwell	Dairyman's Feed & Supply Co., Mayfield, Ky.	L 99.50 F +	L 90 F —		Not listed
0-3772	Lot 40 A. E. Cohen, Greenville	Wyatt Seed Co., Petersburg, Ind.	L 99.25 F +	L 80 F 47		
0-3781	Lot 1249 C. L. Jewell & Son, Louisville	Chambers Seed Co., Louisville, Ky.	L 99.60 F —	L 90 F —		
0-3783	Shelbyville Feed & Seed Co., Shelbyville	Louisville Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +		
0-3784	Shelbyville Feed & Seed Co., Shelbyville	Louisville Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +		
0-3788	C 708 W. H. Brock & Co., Maysville	The Livingston Seed Co., Cincinnati, Ohio	L 99.65 F +	L 90 F +		
0-3792	Lot 182 Cut Rate Groc., Flemingsburg	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 99.50 F +	L 90 F +		
0-3793	Lot 2537 Millersburg Coal & Lmb. Co., Millersburg	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.60 F +	L 90 F +		
0-3794	Lot C-702 Ratliff Bros. Co., Carlisle	The Livingston Seed Co., Cincinnati, Ohio	L 99.65 F —	L 90 F —		
0-3798	Lot 2537 Dorsey Bros. & Fisher, Carlisle	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.60 F +	L 90 F +		

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			<i>Percent</i>	<i>Percent</i>	
0-3805	Lot C702 John A. Sheehan, Falmouth	The Livingston Seed Co., Cincinnati, Ohio	L 99.65 F +	L 80 F +	Not listed
0-3807	Lot 177 O. E. Donovan, Brooksville	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 99.60 F +	L 90 F +	
0-3810	Lot C 711 T. T. Hill & Son, Germantown	The Livingston Seed Co., Cincinnati, Ohio	L 99.65 F +	L 90 F +	
0-3811	Lot 0115 Veach C. Redd, Cynthiana	Northwestern Seed Co., Keokuk, Iowa	L 99.50 F +	L 90 F +	Not listed
0-3815	Lot C-702 Peck's Farmers Supply Co., Sharpsburg	The Livingston Seed Co., Cincinnati, Ohio	L 99.65 F —	L 90 F +	
0-3817	Lot C 711 L. C. McLoney & Son, Cynthiana	The Livingston Seed Co., Cincinnati, Ohio	L 99.65 F +	L 90 F +	
0-3830	Robinson & Turley, Richmond	Ross Seed Co., Louisville, Ky.	L 98 F +	L 90 F +	
0-3837	A. T. Sanders, Lancaster	Louisville Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +	
0-3838	Lot C 711 W. A. Farnau, Lancaster	The Livingston Seed Co., Cincinnati, Ohio	L 99.65 F +	L 90 F +	
0-3842	Garrard Mills, Lancaster	Louisville Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +	
0-3852	Lot 1249 Grigsby & Co., Bardstown	Chambers Seed Co., Louisville, Ky.	L 99.83 F —	L 93 F +	
0-3862	Barnett-Sullivan & Co., Harrodsburg	Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F —	
0-3865	Lot 1249 Cecilian Milling Co., Elizabethtown	Chambers Seed Co., Louisville, Ky.	L 99.83 F +	L 93 F +	
0-3867	Red Bird Corbett Hdw. Co., Elizabethtown	Lewis Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +	
0-3877	McCauley Bros. Seed Co., Versailles	Ross Seed Co., Louisville, Ky.	L 98 F +	L 90 F +	
0-3886	Lot 1249 Gentry McCauley Seed Co., Versailles	Chambers Seed Co., Louisville, Ky.	L 99.83 F —	L 93 F +	
0-3894	Dodd's Corner, Nicholasville	Ross Seed Co., Louisville, Ky.	L 99.50 F —	L 90 F —	Excessive
0-3906	Lot 2619 Farmers Supply Co., Lexington	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.60 F +	L 90 F +	Not listed
0-3925	Conner, Hayden & Co., Bardstown	Ross Seed Co., Louisville, Ky.	L 99.50 F —	L 90 F +	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity		Noxious weed seed
			Percent	Percent	
0-3945	Lot 942 Denton Hdw. Co., Madisonville	J. M. Schultz Seed Co., Dieterich, Ill.	L 99.50 F +	L 90 F 80	Not listed
0-3958	Lot 3619 Shaver Seed Co., Mayfield	Purcell Seed Co., Evansville, Ind.	L 99.60 F +	L 90 F +	
0-3972	Lot 933 Crawford-Ferguson Co., Benton	Dairyman's Feed & Supply Co., Mayfield, Ky.	L 99.50 F +	L 90 F 79	Not listed
0-4003	Lot 390 Farmers & Merchants Milling Co., Brooksville	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 99.55 F +	L 91 F +	
0-4004	Lot C 725 Farmers & Merchants Milling Co., Brooksville	The Livingston Seed Co., Cincinnati, Ohio	L 99.60 F —	L 90 F +	
0-4010	Lot C-702-2 Carlisle Milling & Supply Co., Carlisle	The Livingston Seed Co., Cincinnati, Ohio	L 99.75 F +	L 90 F 80	
0-4012	Lot C 710 Ratliff Bros. Co., Carlisle	The Livingston Seed Co., Cincinnati, Ohio	L 99.65 F —	L 90 F —	
0-4018	Lot C 711 L. C. McLoney & Sons, Cynthiana	The Livingston Seed Co., Cincinnati, Ohio	L 99.65 F —	L 90 F +	
0-4020	Lot 0115 Veach C. Redd, Cynthiana	Northwestern Seed Co., Keokuk, Iowa	L 99.50 F +	L 90 F +	
0-4072	Morris Bros., Somerset	Lewis Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F —	Not listed
0-4097	Lot 2303 Greenwell Feed Store, Lebanon	Scott Seed Co., New Albany, Ind.	L 98 F +	L 90 F +	
0-4114	Lot C 716 Peck's Farmers Supply, Sharpsburg	The Livingston Seed Co., Cincinnati, Ohio	L 99.60 F +	L 90 F —	
0-4134	Humphrey Bros., Bloomfield	Lewis Seed Co., Louisville, Ky.	L 99.50 F —	L 90 F +	
0-4135	A. B. Waggener Co., Burkesville	Louisville Seed Co., Louisville, Ky.	L 95.15 F +	L 85 F 18	
0-4146	Lot T 305 E. M. Smith & Son, Cynthiana	Corneli Seed Co., St. Louis, Mo.	L 99.80 F —	L 92 F +	
0-4150	Lot 3049 Melvin Hart Falmouth	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.60 F +	L 90 F +	
0-4153	Lot 198 Keith & Lykins, Springdale	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 99.60 F +	L 90 F +	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			Percent	Percent	
0-4165	Lot 2267 E. W. Simpson, Owenton	Scott Seed Co., New Albany, Ind.	L 98 F +	L 90 F +	
0-4166	Lot 366 Walton & Rednour, Walton	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 99.50 F +	L 90 F +	
0-4208	Lot 464 J. P. Page & Son, Barlow	Yopp Seed Co., Paducah, Ky.	L 99.68 F —	L 92 F +	
0-4226	A. B. Waggener Co., Burkesville	Louisville Seed Co., Louisville, Ky.	L 95.15 F +	L 85 F 22	
0-4230	J. A. Bennett, Taylorsville	Ross Seed Co., Louisville, Ky.	L 99.50 F 97.92	L 90 F +	
0-4236	Lot 735 A. B. Waggener Co., Burkesville	A. B. Waggener Co., Burkesville, Ky.	L 95 F +	L 85 F +	
0-4237	Lot 730 A. B. Waggener Co., Burkesville	A. B. Waggener Co., Burkesville, Ky.	L 99 F +	L 90 F —	
0-4266	Lot 134 X Staggs Bros., Vanceburg	U. J. Cover Seed Co., Mt. Gilead, Ohio	L 99.50 F +	L 82 F —	Not listed
Alfalfa					
0-3672	Lot C 512 A Hess & Racke, Alexandria	The Livingston Seed Co., Cincinnati, Ohio	L 99.60 F —	L 80+12 F +	
0-3677	Grimm Lot 871 Youtsey Bros., Alexandria	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 99 F +	L 68+26 F +	
0-3678	Common Lot 2273 Tony Bezold, Newport	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99 F +	L 82+3 F +	
0-3704	Farmers Supply Co., Lexington	The C. S. Brent Seed Co., Lexington, Ky.	L 99.57 F +	L 74+16 F +	
0-3725	Red Bird John B. Penn Co., Georgetown	Lewis Seed Co., Louisville, Ky.	L 99.50 F +	L 75+15 F —	
0-3726	Red Bird John B. Penn Co., Georgetown	Lewis Seed Co., Louisville, Ky.	L 99.50 F +	L 75+15 F —	
0-3753	Lot G-54 W. D. Dickinson, Glasgow	C. B. Ragland Co., Nashville, Tenn.	L 99.50 F +	L 70+20 F +	
0-3768	Lot 227 Covington Bros. & Co., Mayfield	E. K. Hardison Seed Co., Nashville, Tenn.	L 99.50 F +	L 70+21 F +	
0-3780	Okla. Com. Lot 73 C. L. Jewell & Son, Louisville	Chambers Seed Co., Louisville, Ky.	L 99.50 F +	L 63+33 F +	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
0-3829	Lot G-54 Robinson & Turley, Richmond	Green Bros., Nashville, Tenn.	L 99.50 F +	L 70+20 F +	
0-3846	Garrard Mills, Lancaster	Lewis Seed Co., Louisville, Ky.	L 99.50 F +	L 70+20 F +	
0-3853	Grimm Lot 58 Grigsby & Co., Bardstown	Chambers Seed Co., Louisville, Ky.	L 99.50 F +	L 58+34 F +	
0-3857	Barnett-Sullivan & Co., Harrodsburg	Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 80+10 F +	
0-3866	Lot J 74 Bow Skidmore Hdw. Co., Elizabethtown	The Bowman Seed Co., Concordia, Kan.	L 99.50 F +	L 70+20 F +	
0-3923	Lot 79 Conner, Hayden & Co., Bardstown	Ross Seed Co., Louisville, Ky.	L 99.50 F —	L 85+5 F —	
0-3952	Lot 227 Hickman Hdw. Co., Hickman	E. K. Hardison Seed Co., Nashville, Tenn.	L 99.50 F +	L 70+21 F +	
0-3954	Common Lot A 984 Hickman Hdw. Co., Hickman	E. K. Hardison Seed Co., Nashville, Tenn.	L 99.02 F —	L 87+7 F —	
0-3983	Common Lot 1086 Forbes Hdw. Co., Hopkinsville	Dobson-Hicks Co., Nashville, Tenn.	L 99.40 F +	L 73+16 F —	
0-3984	Lot 416 Allen & Jenkins, Bowling Green	C. B. Ragland Co., Nashville, Tenn.	L 99.50 F +	L 70+20 F —	
0-3995	Lot A. G. 155 H. W. Smith's Store, Horse Cave	C. B. Ragland Co., Nashville, Tenn.	L 99.52 F +	L 67+28 F +	
0-4011	Lot C 500 A Ratliff Bros. Co., Carlisle	The Livingston Seed Co., Cincinnati, Ohio	L 99.44 F +	L 78+14 F +	
0-4013	Lot 417 Farm Bureau, Carrollton	National Seed Co., Louisville, Ky.	L 99.60 F +	L 85+5 F +	
0-4015	Lot 1548 L. C. McLoney & Sons Cynthiana	Scott Seed Co., New Albany, Ind.	L 99.50 F +	L 65+25 F +	
0-4019	Lot C 488 E. M. Smith & Son, Cynthiana	Corneli Seed Co., St. Louis, Mo.	L 99.50 F +	L 92 F —	
0-4023	Grimm Lot C 703 John A. Sheehan, Falmouth	The Livingston Seed Co., Cincinnati, Ohio	L 99.38 F —	L 67+25 F +	
0-4051	Lot 654 Robinson & Turley, Richmond	Green Bros., Nashville, Tenn.	L 99.50 F +	L 70+20 F +	
0-4088	Borders Bros. Hdw. Co., Lebanon	Lewis Seed Co., Louisville, Ky.	L 99.50 F +	L 74+16 F +	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity		Germination	Noxious weed seed
			Percent	Percent		
0-4121	Grimm Grigsby & Co., Bardstown	Ross Seed Co., Louisville, Ky.	L 99.68 F +	L 85+10 F —		
0-4160	Lot 1554 T. J. Turley Co., Owensboro	Scott Seed Co., New Albany, Ind.	L 99.50 F +	L 80+10 F +		
0-4167	Lot C 507 A Walton & Rednour, Walton	The Livingston Seed Co., Cincinnati, Ohio	L 99.54 F +	L 78+12 F +		
0-4232	Dowell's Market, Liberty	Ross Seed Co., Louisville, Ky.	L 99 F +	L 87+7 F —		
Alsike Clover						
0-3921	Lot 31 Grigsby & Co., Bardstown	Chambers Seed Co., Louisville, Ky.	L 96.80 F +	L 75+14 F +		
0-3938	Lot 100 Guenther Hdw. Co., Owensboro	J. M. Schultz Seed Co., Dieterich, Ill.	L 94.40 F —	L 70+16 F +		Not listed
0-3949	Lot 100 Norris Hdw. & Seed Co., Henderson	J. M. Schultz Seed Co., Dieterich, Ill.	L 94.40 F —	L 70+16 F +		Not listed
0-3955	Lot 5H 728 Hickman Hdw. Co., Hickman	E. K. Hardison Seed Co., Nashville, Tenn.	L 88.55 F —	L 77+15 F +		Not listed
0-3978	Lot 1232 Planters Hdw. Co., Hopkinsville	Dobson-Hicks Co., Nashville, Tenn.	L 98.20 F —	L 75+8 F —		Excessive
0-4024	Lot C 1112 John A. Sheehan, Falmouth	The Livingston Seed Co., Cincinnati, Ohio	L 86.50 F +	L 70+18 F +		
0-4115	Lot 4016 J. F. Bertram & Son, Vanceburg	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 98.33 F —	L 78+13 F +		
0-4122	Grigsby & Co., Bardstown	Ross Seed Co., Louisville, Ky.	L 94.85 F —	L 70+15 F +		Excessive
Crimson Clover						
0-3695	Lot 1921 Richards Bros., Russell Springs	Chambers Seed Co., Louisville, Ky.	L 99 F +	L 85 F +		
0-3707	Farmers Supply Co., Lexington	The C. S. Brent Seed Co., Lexington, Ky.	L 99 F —	L 85 F —		
0-3750	Lot 10 Harlin, Railey & Carter, Tompkinsville	C. B. Ragland Co., Nashville, Tenn.	L 98.52 F +	L 78+10 F 50		
0-3752	Lot D. F. H. D. Jones, Glasgow	Lucas Seed Co., Franklin, Ky.	L 99.40 F +	L 80 F —		
0-3755	Lot 12 Burkesville Feed & Grain Co., Burkesville	Griffin & Bain, Watertown, Tenn.	L 98.74 F +	L 80+5 F 32		

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			<i>Percent</i>	<i>Percent</i>	
0-3758	Allen & Jenkins, Bowling Green	C. B. Ragland Co., Nashville, Tenn.	L 98.97 F +	L 79+6 F 54	
0-3759	Horse Cave Hdw., Horse Cave	Louisville Seed Co., Louisville, Ky.	L 99.25 F +	L 80+10 F —	
0-3760	Lot 2-2 Higgason's, Cave City	Green Bros., Nashville, Tenn.	L 98.50 F +	L 80+3 F +	
0-3782	Shelbyville Feed & Seed Co., Shelbyville	Louisville Seed Co., Louisville, Ky.	L 99.25 F +	L 80+10 F —	
0-3844	Garrard Mills, Lancaster	Ross Seed Co., Louisville, Ky.	L 99 F +	L 86+4 F 78+0	
0-3845	Garrard Mills, Lancaster	Louisville Seed Co., Louisville, Ky.	L 99.25 F +	L 80+10 F —	
0-3854	Lot 1921 Grigsby & Co., Bardstown	Chambers Seed Co., Louisville, Ky.	L 99 F +	L 85 F +	
0-3864	Lot 1921 Cecilian Milling Co., Elizabethtown	Chambers Seed Co., Louisville, Ky.	L 99 F —	L 85 F +	
	Mammoth Clover				
0-3918	Lot 200 H. W. Smith's Store, Horse Cave	C. B. Ragland Co., Nashville, Tenn.	L 99.45 F —	L 77+17 F +	
0-4144	Lot 2928 O. E. Donovan, Brooksville	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.27 F +	L 83+8 F +	
	Red Clover				
0-3848	Lot 8 Bedford & Tuttle, Winchester	Wyatt Seed Co., Petersburg, Ind.	L 99.50 F 98.13	L 80+9 F +	
0-3888	Farmers Union Supply Co., Versailles	Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 80+10 F —	
0-3893	Lot 437 Dodd's Corner, Nicholasville	Ross Seed Co., Louisville, Ky.	L 99.50 F —	L 85+10 F +	
0-3897	Lillard Miles, Nicholasville	Ross Seed Co., Louisville, Ky.	L 99.35 F +	L 80+10 F +	
0-3898	Lillard Miles, Nicholasville	Ross Seed Co., Louisville, Ky.	L 99.34 F —	L 87+8 F —	
0-3899	Lot 212 Teater & Taylor, Nicholasville	Chambers Seed Co., Louisville, Ky.	L 97.50 F +	L 80+10 F —	
0-3901	Fayette Seed Co., Lexington	Ross Seed Co., Louisville, Ky.	L 99.35 F +	L 82+10 F +	
0-3908	Lot 2053 Farmers Supply Co., Lexington	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 98.88 F —	L 82+9 F +	
0-3909	Lot 2846 Farmers Supply Co., Lexington	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.56 F —	L 81+12 F +	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity		Germination	Noxious weed seed
			L	F		
			<i>Percent</i>	<i>Percent</i>		
0-3912	Lot 19 Levi Goff, Jr., Winchester	Wyatt Seed Co., Petersburg, Ind.	L 99.50 F +	L 80+10 F —		
0-3920	Grigsby & Co., Bardstown	Ross Seed Co., Louisville, Ky.	L 96.66 F 95.02	L 60+15 F +		Excessive
0-3934	Corbett Hdw. Co., Elizabethtown	Lewis Seed Co., Louisville, Ky.	L 98.66 F +	L 80+5 F +		
0-3943	Lot A McLean Cty. Hdw. Co., Calhoun	McLean Cty. Hdw. Co., Calhoun	L 93 F +	L 89 F 58+4		Not listed
0-4021	Lot 3043 Kenneth T. Marquette, Falmouth	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.50 F +	L 83+10 F —		
0-4027	Lot 309 H. F. Fowler, Germantown	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 99.25 F —	L 85+6 F +		
0-4028	Lot C-311-D H. F. Fowler, Germantown	The Livingston Seed Co., Cincinnati, Ohio	L 99.46 F 98.61	L 85+8 F +		
0-4030	Lot 1045 Millersburg Coal & Lmb. Co., Millersburg	National Seed Co., Louisville, Ky.	L 97.80 F —	L 85+5 F +		
0-4031	Lot 2866 Millersburg Coal & Lmb. Co., Millersburg	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.21 F +	L 85+7 F +		
0-4056	Lot 391 C. W. White, Richmond	Scott Seed Co., New Albany, Ind.	L 94.52 F —	L 60+5 F 42+3		Excessive
0-4070	Lot 217 Morris Bros., Somerset	Unknown	L 99.25 F 98.44	L 85+7 F +		Not listed
0-4077	Lot 391 A C. W. White, Richmond	Unknown	L No tag F 91.82	L 45+2 F +		Not listed
0-4080	Lot 1352 C. W. White, Richmond	Unknown	L No tag F 94.61	L 80+1 F +		Not listed
0-4083	Geo. P. Taylor Co., Burnside	Louisville Seed Co., Louisville, Ky.	L 99.35 F —	L 80+10 F +		
0-4091	Borders Bros. Hdw. Co., Lebanon	Lewis Seed Co., Louisville, Ky.	L 96.50 F +	L 85+5 F —		
0-4096	Greenwell Feed Store, Lebanon	Scott Seed Co., New Albany, Ind.	L 96.36 F +	L 75+5 F +		
0-4099	H. C. Harmon, Perryville	Louisville Seed Co., Louisville, Ky.	L 95.43 F +	L 70+20 F —		
0-4113	Lot 447 Peck's Farmers Supply, Sharpsburg	Ross Seed Co., Louisville, Ky.	L 95.20 F +	L 90 F +		
0-4125	Grigsby & Co., Bardstown	Ross Seed Co., Louisville, Ky.	L 96.66 F —	L 60+15 F +		Excessive

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity		Germination	Noxious weed seed
			Percent	Percent		
0-4136	A. B. Waggener Co., Burkesville	Ross Seed Co., Louisville, Ky.	L 98 F +	L 85+5 F —		
0-4143	Lot 3066 O. E. Donovan, Brooksville	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.17 F +	L 81+9 F +		Not listed
0-4159	Lot 147 U-Tote-Em Groc., Murray	U-Tote-Em Groc., Murray, Ky.	L 95.40 F 92.93	L 73+8 F —		Not listed
0-4173	Middlesboro Feed Co., Middlesboro	Ross Seed Co., Louisville, Ky.	L 98.45 F 96.94	L 80 F —		Not listed
0-4207	Lot 540 J. P. Page & Son, Barlow	Yopp Seed Co., Paducah, Ky.	L 98.35 F 96.60	L 79+15 F +		Excessive
0-4231	J. A. Bennett, Taylorsville	Ross Seed Co., Louisville, Ky.	L 99.20 F 98.04	L 88 F +		
0-4263	Monarch Milling Co., Mt. Sterling	Louisville Seed Co., Louisville, Ky.	L 99.50 F —	L 80+10 F +		
Sapling Clover						
0-3919	Lot 192 H. W. Smith's Store, Horse Cave	C. B. Ragland Co., Nashville, Tenn.	L 98.22 F +	L 84+10 F +		
0-4092	Borders Bros. Hdw. Co., Lebanon	Lewis Seed Co., Louisville, Ky.	L 99.50 F —	L 85+5 F +		Excessive
Sweet Clover						
0-3774	Lot 1100 C. L. Jewell & Son, Louisville	Unknown	L 99.30 F +	L 19+68 F +		
0-3777	Lot 1199 C. L. Jewell & Son, Louisville	Chambers Seed Co., Louisville, Ky.	L 99.50 F +	L 66+7 F —		
0-3884	R. S. Scott & Son, Frankfort	Louisville Seed Co., Louisville, Ky.	L 99.50 F +	L 70+20 F +		
0-3935	Corbett Hdw. Co., Elizabethtown	Lewis Seed Co., Louisville, Ky.	L 99 F +	L 63+10 F 21+49		
0-3957	Lot 3838 Shaver Seed Co., Mayfield	Purcell Seed Co., Evansville, Ind.	L 99.56 F +	L 80+5 F +		
0-3960	Lot S-141 Clinton Hatchery Clinton	Corneli Seed Co., St. Louis, Mo.	L 97.40 F +	L 17.5+73 F —		
0-3969	Lot 896 Economy Feed Store, Murray	J. M. Schultz Seed Co., Dieterich, Ill.	L 99.68 F +	L 70+24 F 44+53		
0-3977	Lot 28 Young Hdw. Co., Hopkinsville	C. B. Ragland Co., Nashville, Tenn.	L 99.60 F +	L 85+5 F 34+40		
0-4126	Lot 1193 Grigsby & Co., Bardstown	Chambers Seed Co., Louisville, Ky.	L 99.84 F —	L 47+33 F +		

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			<i>Percent</i>	<i>Percent</i>	
0-4133	Humphrey Bros., Bloomfield	Lewis Seed Co., Louisville, Ky.	L 99.50 F +	L 85+5 F +	
0-4145	Lot 5076 O. E. Donovan, Brooksville	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.74 F —	L 72+18 F +	
0-4210	Lot 2803 Hess & Racke, Alexandria	The J. Chas. McCullough Seed Co., Cincinnati Ohio	L 98.79 F +	L 18+72 F —	
	Korean Lespedeza				
0-3676	Lot 873 Youtsey Bros., Alexandria	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 98 F +	L 87+5 F —	
0-3835	Dodd's Corner, Nicholasville	Louisville Seed Co., Louisville, Ky.	L 97 F +	L 70+20 F +	
0-3891	Dodd's Corner, Nicholasville	Ross Seed Co., Louisville, Ky.	L 97 F +	L 80+10 F —	
0-3892	Dodd's Corner, Nicholasville	Ross Seed Co., Louisville, Ky.	L 98.50 F +	L 70+20 F +	
0-3900	Teator & Taylor, Nicholasville	Ross Seed Co., Louisville, Ky.	L 98.50 F +	L 75+22 F +	
0-3902	Fayette Seed Co., Lexington	Ross Seed Co., Louisville, Ky.	L 98.50 F +	L 60+30 F +	
0-3903	Fayette Seed Co., Lexington	Louisville Seed Co., Louisville, Ky.	L 98.50 F +	L 80+10 F +	
0-3910	Lot C. D-43 Farmers Supply Co., Lexington	Sphar & Co., Winchester, Ky.	L 99 F +	L 80+10 F +	
0-3911	Lot 152 Levi Goff, Jr., Winchester	Green Bros., Nashville, Tenn.	L 99 F +	L 80+10 F +	
0-3917	Lot 5 Porter-Leach Hdw. Co., Hartford	Pennyroyal Seed Co., Hopkinsville, Ky.	L 98.81 F +	L 29+70 F +	
0-3926	Lot A-MS 18 G. M. Haycraft & Son, Leitchfield	Harralson's Feed & Seed Store, Owensboro, Ky.	L 97 F +	L 60+25 F +	
0-3927	Aaron L. Moore & Son, Leitchfield	Pennyroyal Seed Co., Hopkinsville, Ky.	L 99.22 F +	L 80+10 F +	
0-3930	Lot G L. B. Carden, Hartford	Young & Conway, Morganfield, Ky.	L 95 F +	L 60+25 F +	
0-3932	Lot UNCO Stevens Feed Store, Beaver Dam	Young & Conway, Morganfield, Ky.	L 99 F +	L 58+36 F +	
0-3936	Corbett Hdw. Co., Elizabethtown	Lewis Seed Co., Louisville, Ky.	L 97 F —	L 80+10 F +	
0-3937	Corbett Hdw. Co., Elizabethtown	Lewis Seed Co., Louisville, Ky.	L 98 F +	L 80+10 F +	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			<i>Percent</i>	<i>Percent</i>	
0-3942	Lot Ezra E. A. Cohen, Greenville	Young & Conway, Morganfield, Ky.	L 94 F +	L 40+40 F +	
0-3944	T. H. Cochran & Co., Marion	Dairyman's Feed & Supply Co., Mayfield, Ky.	L 99.29 F —	L 80+19 F 68+9	
0-3946	W. H. Arnold Co., Madisonville	Joiner Hdw. Co., Princeton, Ky.	L 97.78 F +	L Blank F 83+14	Not listed
0-3947	Lot Choice R. E. Moore & Son, Madisonville	Young & Conway, Morganfield, Ky.	L 96 F +	L 65+20 F —	
0-3956	U-Tote-Em Groc., Fulton	U-Tote-Em Groc., Fulton, Ky.	L 96 F —	L 87 F 51+7	
0-3962	Lot 580 J. M. Hunt & Sons, Wickliff	Yopp Seed Co., Paducah, Ky.	L 99.50 F —	L 80+10 F +	Excessive
0-3966	Lot P Ross Feed Co., Murray	Ross Feed Co., Murray, Ky.	L 99 F +	L 80+20 F —	
0-3967	Lot 15 Heathe Hdw. & Furniture Co., Benton	Pennyroyal Seed Co., Hopkinsville, Ky.	L 98.74 F —	L 70+20 F +	Excessive
0-3971	Crawford-Ferguson Co., Benton	Dairyman's Feed & Supply Co., Mayfield, Ky.	L 99.68 F +	L 53+43 F +	
0-3975	Gresham Bros., Eddyville	Dairyman's Feed & Supply Co., Mayfield, Ky.	L 99.68 F +	L 53+43 F +	
0-3976	Lot 644 Young Hdw. Co., Hopkinsville	Trenton Seed Co., Trenton, Ky.	L 98 F —	L 83+12 F 63+36	Excessive
0-3980	R. E. Petrie, Bowling Green	C. B. Ragland Co., Nashville, Tenn.	L 99 F +	L 80+10 F +	
0-3990	Lot 160 Scottsville Feed Co., Scottsville	Lucas Seed Co., Franklin, Ky.	L 98.57 F +	L 80+10 F +	
0-3992	Lot 15 Cash Groc. Co., Cave City	Ragland, Potter & Co., Glasgow, Ky.	L 99.48 F —	L 80+10 F +	
0-3996	Lot 3161 John H. Burba Co., Hodgenville	Scott Seed Co., New Albany, Ind.	L 91 F 88.10	L 70+10 F 58+37	Excessive
0-4000	Lot 2-2 H. D. Jones, Glasgow	Lucas Seed Co., Franklin, Ky.	L 91.09 F +	L 80+10 F 43+53	
0-4001	Lot C-201-8 Farmers & Merchants Milling Co., Brooksville	The Livingston Seed Co., Cincinnati, Ohio	L 99.14 F +	L 80+12 F +	Excessive
0-4002	Lot 2008 Farmers & Merchants Milling Co., Brooksville	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 99 F —	L 75+15 F 53+3	
0-4017	Lot 3048 L. C. McLoney & Sons, Cynthiana	Scott Seed Co., New Albany, Ind.	L 96 F —	L 75+10 F 60+11	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			<i>Percent</i>	<i>Percent</i>	
0-4026	John A. Sheehan, Falmouth	Unknown	L 96 F +	L 85 F 38+6	
0-4034	Lot 208 Walton & Rednour, Walton	The Livingston Seed Co., Cincinnati, Ohio	L 95.54 F —	L 70+20 F —	
0-4044	Lot 3151 Triplett's Store, Corbin	Scott Seed Co., New Albany, Ind.	L 98 F +	L 70+2 F +	
0-4046	Lot 336 Powell-Hackney Groc. Co., Jackson	The Mahan Co., Winchester, Ky.	L 99 F +	L 90 F +	
0-4049	Lot 336 John Scott, Pikeville	The Mahan Co., Winchester, Ky.	L 99 F +	L 90 F +	
0-4050	Lot 643 Merchant's Groc. Co., Pikeville	Garth & Chestnut, Trenton, Ky.	L 98 F +	L 85+11 F —	
0-4054	Lot C 215 Richmond Hatchery, Richmond	The Livingston Seed Co., Cincinnati, Ohio	L 99.34 F —	L 80+12 F +	
0-4055	Lot No. 2 CSC C. W. White, Richmond	Chambers Seed Co., Louisville, Ky.	L 95 F 81.66	L 70+18 F 57+13	Excessive
0-4058	Renfro Supply Co., Williamsburg	Ross Seed Co., Louisville, Ky.	L 98.50 F +	L 60+30 F +	
0-4059	Lot 1141 Renfro Supply Co., Williamsburg	National Seed Co., Louisville, Ky.	L 99 F +	L 70+20 F +	
0-4060	Renfro Supply Co., Williamsburg	Ross Seed Co., Louisville, Ky.	L 98.50 F +	L 70+20 F +	
0-4062	Lot D B Parker S. Cooper, Monticello	Chambers Seed Co., Louisville, Ky.	L 98 F +	L 75+15 F +	
0-4063	Lot 1469 Parker S. Cooper, Monticello	Chambers Seed Co., Louisville, Ky.	L 94.53 F 90.31	L 63+26 F +	
0-4064	Lot 11 J. H. Tate & Co., Monticello	Pennyroyal Seed Co., Hopkinsville, Ky.	L 98.61 F +	L 51+45 F +	
0-4065	J. H. Tate & Co., Monticello	Ross Seed Co., Louisville, Ky.	L 97 F +	L 80+10 F —	
0-4069	Lot D B Morris Bros., Somerset	Chambers Seed Co., Louisville, Ky.	L 99 F —	L 75+15 F +	
0-4073	Lot 2235 Somerset Produce Co., Somerset	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 93.05 F —	L 75+2 F —	
0-4076	Lot 17 Geo. P. Taylor Co., Somerset	National Seed Co., Louisville, Ky.	L 99 F +	L 70+20 F +	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
0-4078	Lot 3181 C. W. White, Richmond	Scott Seed Co., New Albany, Ind.	<i>Percent</i> L 95 F +	<i>Percent</i> L 65+15 F +	
0-4079	Lot 3161 C. W. White, Richmond	Unknown	L Blank F 88.87	L Blank F 57.12	Not listed
0-4082	Lot 1474 Geo. P. Taylor Co., Burnside	Chambers Seed Co., Louisville, Ky.	L 97 F —	L 75+15 F 43	
0-4090	Borders Bros. Hdw. Co., Lebanon	E. S. Ferrill & Son, Buffalo, Ky.	L 97.80 F +	L 80+10 F 47+53	
0-4094	Greenwell Feed Store, Lebanon	Ross Seed Co., Louisville, Ky.	L 94 F —	L 62+20 F +	Not listed
0-4098	Lot 1437 Parker S. Cooper, Monticello	Chambers Seed Co., Louisville, Ky.	L 88.23 F +	L 70+18 F 50+17	
0-4101	Lot 654 Sandy Valley Groc. Co., Ashland	Garth & Chestnut, Trenton, Ky.	L 99 F +	L 86+10 F —	
0-4103	Lot MOTS Lester L. Lynd, Ashland	Unknown	L 98 F +	L 69+20 F +	
0-4106	Lot 435 The Cut-Rate Groc., Flemingsburg	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 98.82 F —	L 85+5 F +	
0-4110	Lot C 42 Williams Bros. Co., Paintsville	Sphar & Co., Winchester, Ky.	L 98.50 F +	L 80+10 F —	
0-4116	J. F. Bertram & Son, Vanceburg	Ross Seed Co., Louisville, Ky.	L 98.50 F 97.00	L 70+20 F +	Excessive
0-4118	Lot 2010 Staggs Bros., Vanceburg	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 99.40 F +	L 80+10 F +	
0-4131	Humphrey Bros., Bloomfield	Lewis Seed Co., Louisville, Ky.	L 98 F +	L 80+10 F —	
0-4137	Lot 21 Pulliam & Ross, Edmonton	Pennyroyal Seed Co., Hopkinsville, Ky.	L 97.76 F +	L 80+10 F —	
0-4138	Lot 37 Pulliam & Ross, Edmonton	Pennyroyal Seed Co., Hopkinsville, Ky.	L 90.40 F 82.09	L 80+10 F 59+39	Excessive
0-4141	Lot 2939 O. E. Donovan, Brooksville	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.50 F —	L 82+10 F —	
0-4152	Lot 2011 Keith & Lykins, Springdale	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 99 F +	L 80+10 F +	
0-4154	Lot 15 Heathe Hdw. & Furniture Co., Benton	Pennyroyal Seed Co., Hopkinsville, Ky.	L 98.74 F 97.06	L 70+20 F +	Excessive

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity		Germination	Noxious weed seed
			Percent	Percent		
0-4155	Lot 467 Heathe Hdw. & Furniture Co., Benton	Dairyman's Feed & Supply Co., Mayfield, Ky.	L 99.22 F +	L 78+22 F +		
0-4156	Lot 2 Vick Smith, Bowling Green	W. Y. McGlothlin, Franklin, Ky.	L 98.93 F —	L Blank F 60+40		
0-4161	Joiner Hdw. Co., Princeton	Sturgis Impl. & Hdw. Co., Sturgis, Ky.	L 92 F +	L 75+15 F 62+24		
0-4162	Joiner Hdw. Co., Princeton	Sturgis Impl. & Hdw. Co., Sturgis, Ky.	L 98 F +	L 85+10 F —		
0-4168	Knox Cty. Supply Co., Barbourville	Louisville Seed Co., Louisville, Ky.	L 98.50 F +	L 80+10 F +		
0-4169	Lot 3203 J. W. Purkey & Sons, Berea	Scott Seed Co., New Albany, Ind.	L 98 F +	L 75+15 F +		
0-4170	Lot K-218 Stamper's Feed, Plant & Seed Store, Corbin	Knoxville Seed Co., Knoxville, Tenn.	L 99 F +	L 80+10 F +		
0-4171	Laurel Groc. Co., East Bernstadt	Ross Seed Co., Louisville, Ky.	L 98.50 F +	L 70+20 F +		
0-4174	Lot D A 43 Ky. Wholesale Co., Pikeville	Sphar & Co., Winchester, Ky.	L 98.50 F —	L 80+10 F —		
0-4176	Lot 3181 C. W. White, Richmond	Scott Seed Co., New Albany, Ind.	L 95 F +	L 65+15 F —		
0-4180	Lot 15 Pulliam & Moss, Edmonton	Pennyroyal Seed Co., Hopkinsville, Ky.	L 98.22 F +	L 80+10 F +		
0-4206	Lot UNCO T. H. Cochran & Co., Marion	Young & Conway, Morganfield, Ky.	L 99 F —	L 70+20 F +		
0-4212	Lot UNCO C. S. Thomas Feed Store Marion	Young & Conway, Morganfield, Ky.	L 99 F +	L 70+20 F +		
0-4215	Lot 236 T. H. Cochran & Co., Marion	Dairyman's Feed & Supply Co., Mayfield, Ky.	L 99.29 F —	L 80+19 F +		
0-4234	Lot 184-A Dowell's Market, Liberty	Green Bros., Nashville, Tenn.	L 99 F +	L 80+10 F —		
0-4244	Geo. P. Taylor Co., Burnside	Louisville Seed Co., Louisville, Ky.	L 95 F —	L 75+15 F —		
0-4246	Lot 4209-A Geo. P. Taylor Co., Burnside	Farmers Elevator Co., Franklin, Ky.	L 94.72 F +	L 75+10 F 57+43		
0-4251	Lot 4200-T A. T. Sanders, Lancaster	Farmers Elevator Co., Franklin, Ky.	L 90 F —	L 80+10 F +		

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity		Germination	Noxious weed seed
			Percent	Percent		
0-4261	CSC Carroll Cty. Farm Bureau, Carrollton	Chambers Seed Co., Louisville, Ky.	L 95 F —	L 70+18 F +		Excessive
0-4287	John H. Burba Co., Hodgenville	Chambers Seed Co., Louisville, Ky.	L 89.08 F +	L 70+15 F —		
0-4288	Lot 1465 John H. Burba Co., Hodgenville	Chambers Seed Co., Louisville, Ky.	L 98 F —	L 90 F 68+31		
Kobe Lespedeza						
0-3986	Lot 162 Allen & Jenkins, Bowling Green	C. B. Ragland Co., Nashville, Tenn.	L 96 F +	L 80+10 F +		
0-3989	Lot 4182 Scottsville Feed Co., Scottsville	E. K. Hardison Seed Co., Nashville, Tenn.	L 96.14 F +	L 70+14 F +		
Barley						
0-3687	Beardless Lot 4201 Parker S. Cooper, Monticello	Farmers Elevator Co., Franklin, Ky.	L 99.50 F +	L 90 F +		
0-3689	Bearded Ky. No. 1 H. W. Noland, Richmond	The C. S. Brent Seed Co., Lexington, Ky.	L 99.10 F —	L 87 F +		
0-3692	Bearded Robinson & Turley, Richmond	Louisville Seed Co., Louisville, Ky.	L 98 F +	L 90 F +		
0-3705	Ky. No. 1 Farmers Supply Co., Lexington	The C. S. Brent Seed Co., Lexington, Ky.	L 99.10 F +	L 87 F +		
0-3714	Bearded Lot 4201 Giltner Seed Co., Eminence	Farmers Elevator Co., Franklin, Ky.	L 98.50 F +	L 90 F +		
0-3742	Beardless Anderson Ice Co., Lawrenceburg	Ross Seed Co., Louisville, Ky.	L 98.50 F +	L 90 F +		
0-3757	Beardless A. B. Waggener Co., Burkesville	A. B. Waggener Co., Burkesville, Ky.	L 95 F 87.41	L 85 F +		
0-3764	Beardless Conner, Hayden & Co., Bardstown	Ross Seed Co., Louisville, Ky.	L 98.50 F +	L 90 F +		
0-3767	Beardless Lot 418 J. M. Hunt & Sons, Wickliffe	Yopp Seed Co., Paducah, Ky.	L 99 F +	L 97 F +		
0-3776	Smooth Lot 1311 C. L. Jewell & Son, Louisville	Chambers Seed Co., Louisville, Ky.	L 98 F +	L 80 F +		
0-3827	Bearded Robinson & Turley, Richmond	Louisville Seed Co., Louisville, Ky.	L 98 F +	L 90 F +		
0-3832	Winter Lot P & W Dodd's Corner, Nicholasville	Dodd's Corner, Nicholasville, Ky.	L 99.30 F +	L 82 F +		

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			<i>Percent</i>	<i>Percent</i>	
0-3876	Ky. No. 1 Lot N Woodford Feed Co., Versailles	F. W. Rickard, Winchester, Ky.	L 98 F +	L 85 F +	
0-3883	Winter, Lot Elmore McCauley Bros. Seed Co., Versailles	Unknown	L 99.50 F —	L 96 F —	
	Cane				
0-4120	Orange Conner, Hayden & Co., Bardstown	Louisville Seed Co., Louisville, Ky.	L 97 F +	L 80 F 69	
0-4127	Redtop Conner, Hayden & Co., Bardstown	Louisville Seed Co., Louisville, Ky.	L 97 F 92.21	L 80 F —	
0-4292	Honey Drip Fayette Seed Co., Lexington	Louisville Seed Co., Louisville, Ky.	L 98 F 95.59	L 80 F 70	
0-4308	Orange Morgan & Crenshaw, Georgetown	Louisville Seed Co., Louisville, Ky.	L 97 F —	L 80 F —	
0-4309	Redtop Morgan & Crenshaw, Georgetown	Louisville Seed Co., Louisville, Ky.	L 97 F +	L 80 F 61	
0-4310	Honey Drip Morgan & Crenshaw, Georgetown	Louisville Seed Co., Louisville, Ky.	L 98 F 93.86	L 80 F —	
0-4316	Honey Drip L. C. Littrell Estate, Owenton	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 98.60 F —	L 85 F +	
0-4323	Honey Drip Lot 759 E. W. Simpson, Owenton	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 98.60 F —	L 80 F +	
	Sudan Grass				
0-4211	Lot 2764 R. E. Moore & Son, Madisonville	Purcell Seed Co., Evansville, Ind.	L 98 F +	L 85 F —	
0-4223	Lot 241 L. H. Barclay & Son, Arlington	Yopp Seed Co., Paducah, Ky.	L 98.10 F +	L 83 F —	
0-4248	A. T. Sanders, Lancaster	Louisville Seed Co., Louisville, Ky.	L 98.50 F —	L 85 F 57	
0-4264	Lot 628-H Hughes Hdw. Co., Franklin	Farmers Elevator Co., Franklin, Ky.	L 98.20 F —	L 85 F 71	
	Corn				
0-4084	Funks G-94 W. A. Farnau, Lancaster	Lewis Seed Co., Louisville, Ky.	L 99 F +	L 90 F +	
0-4085	Boone Cty. Lot 2106 W. A. Farnau, Lancaster	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.50 F +	L 90 F +	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			<i>Percent</i>	<i>Percent</i>	
0-4086	Johnson Cty. Lot 2364 W. A. Farnau, Lancaster	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.50 F +	L 90 F +	
0-4087	Reid's Yellow Dent Lot 2369 W. A. Farnau, Lancaster	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.50 F +	L 92 F —	
0-4119	U. S. 13 Conner, Hayden & Co., Bardstown	Chambers Seed Co., Louisville, Ky.	L 99 F +	L 95 F —	
0-4163	U. S. 13 E. W. Simpson, Owenton	W. L. Williams, Wilmington, Ohio	L 100 F +	L 90 F +	
0-4177	U. S. 13 C. W. White, Richmond	The C. S. Brent Seed Co., Lexington, Ky.	L 99 F +	L 90 F +	
0-4181	160 Lot 27 Prince Hdw. Co., Eddyville	Gates Seed Co., Camargo, Ill.	L — F —	L 95 F +	
0-4182	840 Lot 158 M. T. Riley Seed Co., Paducah	Edwin J. Funk & Sons, Kentland, Ind.	L 99 F +	L 95 F +	
0-4183	U. S. 13 Lot 1159 M. T. Riley Seed Co., Paducah	Edwin J. Funk & Sons, Kentland, Ind.	L 99 F +	L 95 F +	
0-4184	Ky. 69 Crawford-Ferguson Co., Benton	S. D. Broadbent, Jr., Cobb, Ky.	L 99.90 F +	L 98 F —	
0-4185	U. S. 13 Crawford-Ferguson Co., Benton	S. D. Broadbent, Jr., Cobb, Ky.	L 99.90 F +	L 97 F +	
0-4186	Neals Paymaster Lot 43112 C. E. Martin & Co., Greenville	E. K. Hardison Seed Co., Nashville, Tenn.	L 98 F +	L 90 F +	
0-4187	Hickory King Lot 43107 C. E. Martin & Co., Greenville	E. K. Hardison Seed Co., Nashville, Tenn.	L 98 F +	L 90 F +	
0-4188	U. S. 13 Lot K C. E. Martin & Co., Greenville	Pennyroyal Seed Co., Hopkinsville, Ky.	L 99 F +	L 90 F +	
0-4189	Ky. 69 C. E. Martin & Co., Greenville	Pennyroyal Seed Co., Hopkinsville, Ky.	L 99 F +	L 90 F +	
0-4190	U. S. 13 C. E. Martin & Co., Greenville	G. W. Butler & Sons, Kirkmansville, Ky.	L 99 F +	L 97 F +	
0-4191	Ky. 201 Lot K C. E. Martin & Co., Greenville	Pennyroyal Seed Co., Hopkinsville, Ky.	L 99 F +	L 90 F +	
0-4192	Yellow Dent Lot 43113 C. E. Martin & Co., Greenville	E. K. Hardison Seed Co., Nashville, Tenn.	L 98 F +	L 90 F +	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			<i>Percent</i>	<i>Percent</i>	
0-4193	Tenn. Red Cob Lot 43111 C. E. Martin & Co., Greenville	E. K. Hardison Seed Co., Nashville, Tenn.	L 98 F +	L 90 F +	
0-4194	Ky. 103 J. R. Williams Hdw. Co., Beaver Dam	S. D. Broadbent, Jr., Cobb, Ky.	L 99.90 F +	L 97 F +	
0-4195	Ky. 103 Lot 2B L. B. Carden, Hartford	U. L. Lovell & Sons, Henshaw, Ky.	L 99 F +	L 90 F +	
0-4196	U. S. 13 Aaron L. Moore & Son, Leitchfield	Stith Bros., Guston, Ky.	L 99 F +	L 98 F +	
0-4197	Ky. 69 B G. M. Haycraft & Son, Leitchfield	Koreandale Farms, Morganfield, Ky.	L 99 F +	L 90 F +	
0-4198	W. Hybrid 1028 Lot 2C L. B. Carden, Hartford	U. L. Lovell & Sons, Henshaw, Ky.	L 99 F +	L 90 F +	
0-4199	U. S. 13 Skidmore Hdw. Co., Elizabethtown	Chas. F. Beams, Hodgenville, Ky.	L 99.90 F +	L 95 F +	
0-4200	Johnson Cty. White Clell Coleman & Sons, Harrodsburg	Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 95 F —	
0-4201	U. S. 13 Barnett-Sullivan & Co., Harrodsburg	Sphar & Co., Winchester, Ky.	L — F —	L 96 F +	
0-4202	U. S. 13 Barnett-Sullivan & Co., Harrodsburg	Ed. F. Mangelsdorf & Bro., St. Louis, Mo.	L 99 F +	L 95 F +	
0-4203	Reid's Yellow Dent Clell Coleman & Sons, Harrodsburg	Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 95 F —	
0-4204	U. S. 13 Barnett-Sullivan & Co., Harrodsburg	The Livingston Seed Co., Cincinnati, Ohio	L 99.90 F +	L 95 F +	
0-4225	U. S. 13 Barnett-Sullivan & Co., Harrodsburg	Prewitt & Rankin, Lexington, Ky.	L — F —	L 95 F +	
0-4228	U. S. 13 Lot M 94122 J. A. Bennett, Taylorsville	Harry & Tate Bird, Shelbyville, Ky.	L 99.90 F +	L 96 F 82	
0-4229	U. S. 13 Lot 1159 J. A. Bennett, Taylorsville	Edwin J. Funk & Son, Kentland, Ind.	L 99 F +	L 95 F +	
0-4238	Johnson Cty. Baughman Milling Co., Stanford	Louisville Seed Co., Louisville, Ky.	L 98 F +	L 90 F +	
0-4239	Ky. 102 Parker S. Cooper, Monticello	S. D. Broadbent, Jr., Cobb, Ky.	L 99.90 F +	L 99 F +	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			<i>Percent</i>	<i>Percent</i>	
0-4242	U. S. 13 Morris Bros., Somerset	The Livingston Seed Co., Cincinnati, Ohio	L 99.90 F +	L 95 F +	
0-4247	Ky. 103 Lancaster Lmb. Co., Lancaster	Geo. Kurtz, Sturgis, Ky.	L 98 F +	L 90 F +	
0-4249	Ky. 72 B A. T. Sanders, Lancaster	Will Rogers, Danville, Ky.	L 99 F +	L 90 F +	
0-4252	G-90 A. T. Sanders, Lancaster	Lewis Seed Co., Louisville, Ky.	L 99 F +	L 90 F +	
0-4253	844 D Garrard Mills, Lancaster	Benton Cty. Hybrid Seed Association, Oxford, Ind.	L 99 F +	L 90 F +	
0-4254	Garrard Mills, Lancaster	Ronald Bushong, Tompkinsville, Ky.	L 99.90 F +	L 99 F —	
0-4255	Reid's Yellow Dent Lancaster Lmb. Co., Lancaster	Chambers Seed Co., Louisville, Ky.	L 98 F +	L 90 F +	
0-4256	U. S. 13 CSC Carroll Cty. Farm Bureau, Carrollton	Chambers Seed Co., Louisville, Ky.	L 98 F +	L 90 F +	
0-4257	U. S. 13 John B. Penn & Son, Georgetown	The Livingston Seed Co., Cincinnati, Ohio	L 99.50 F +	L 95 F +	
0-4258	U. S. 13 Farmers Supply Co., Eminence	W. L. Williams, Wilmington, Ohio	L 100 F +	L 90 F +	
0-4259	U. S. 13 Farmers Supply Co., Eminence	Harry & Tate Bird, Shelbyville, Ky.	L 99.90 F +	L 96 F +	
0-4267	Hickory King Lot 2951 Lawson Hdw. Co., Greenup	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.50 F +	L 95 F +	
0-4268	U. S. 13 Melvin Hart, Falmouth	Ewing & Carr, Morgan, Ky.	L 99.90 F +	L 96 F +	
0-4269	U. S. 13 Melvin Hart, Falmouth	N. D. Kearns, Cynthiana, Ky.	L 99.90 F +	L 90 F +	
0-4270	Iowa 939 Staggs Bros., Vanceburg	U. J. Cover Seed Co., Mt. Gilead, Ohio	L — F —	L 95 F +	
0-4271	Adams Early Monarch Milling Co., Mt. Sterling	The C. S. Brent Seed Co., Lexington, Ky.	L 99 F +	L 90 F —	
0-4272	Country Gentleman Monarch Milling Co., Mt. Sterling	The C. S. Brent Seed Co., Lexington, Ky.	L 99 F +	L 90 F —	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			<i>Percent</i>	<i>Percent</i>	
0-4273	Tenn. Red Cob Monarch Milling Co., Mt. Sterling	Louisville Seed Co., Louisville, Ky.	L 98 F +	L 90 F +	
0-4274	Boone Cty. White Monarch Milling Co., Mt. Sterling	Louisville Seed Co., Louisville, Ky.	L 98 F +	L 90 F —	
0-4275	Hickory King Monarch Milling Co., Mt. Sterling	Louisville Seed Co., Louisville, Ky.	L 98 F +	L 90 F +	
0-4276	Tucker's Favourite Monarch Milling Co., Mt. Sterling	The C. S. Brent Seed Co., Lexington, Ky.	L 99 F +	L 90 F —	
0-4277	Johnson Cty. White Monarch Milling Co., Mt. Sterling	Louisville Seed Co., Louisville, Ky.	L 98 F +	L 90 F +	
0-4278	Ky. 69 Monarch Milling Co., Mt. Sterling	Kenton McDonald, Frankfort, Ky.	L — F —	L 90 F +	
0-4279	102 Scottsville Feed Co., Scottsville	C. A. Meador, Adolphus, Ky.	L — F —	L 99 F +	
0-4282	Y 102 Wilder Hdw. Co., Corbin	The Mahan Co., Winchester, Ky.	L 99 F +	L 90 F +	
0-4285	U. S. 13 J. A. Bennett, Taylorsville	Harry & Tate Bird, Shelbyville, Ky.	L 99.90 F +	L 96 F 85	
0-4286	Reid's Yellow Dent Clell Coleman & Sons, Harrodsburg	Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 95 F —	
0-4289	Hybrid Master 555 Sears, Roebuck & Co., Lexington	McCurdy Bros., Freemont, Iowa	L 99.50 F +	L 95 F +	
0-4290	Hybrid Master 777 Sears, Roebuck & Co., Lexington	McCurdy Bros., Freemont, Iowa	L 99.50 F +	L 95 F +	
0-4293	Reid's Yellow Dent Fayette Seed Co., Lexington	Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 95 F +	
0-4294	Johnson Cty. White Fayette Seed Co., Lexington	Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 95 F —	
0-4295	U. S. 13 Fayette Seed Co., Lexington	Edwin J. Funk & Sons, Kentland, Ind.	L 99 F +	L 96 F +	
0-4297	Ky. 102 Farmers Supply Co., Lexington	Koreandale Farms, Morganfield, Ky.	L 99 F +	L 90 F +	
0-4298	90 Day Yellow Lot A 43 Farmers Supply Co., Lexington	Sphar & Co., Winchester, Ky.	L 99 F +	L 90 F +	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			Percent	Percent	
0-4300	U. S. 13 John B. Penn Co., Georgetown	The Livingston Seed Co., Cincinnati, Ohio	L 99.50 F +	L 95 F +	
0-4301	U. S. 13 John B. Penn Co., Georgetown	W. L. Williams, Wilmington, Ohio	L 100 F +	L 90 F +	
0-4302	U. S. 13 John B. Penn Co., Georgetown	S. J. Stokes, Lexington, Ky.	L 99 F +	L 96 F +	
0-4303	U. S. 13 John B. Penn Co., Georgetown	Prewitt & Rankin, Lexington, Ky.	L — F —	L 95 F +	
0-4304	Ind. 813 C John B. Penn Co., Georgetown	W. L. Williams, Wilmington, Ohio	L 100 F +	L 90 F +	
0-4305	Ky. 69 John B. Penn Co., Georgetown	S. D. Broadbent, Jr., Cobb, Ky.	L 99.90 F +	L 98 F +	
0-4306	Ky. 72 John B. Penn Co., Georgetown	Steed & Haynes, Lexington, Ky.	L — F —	L 90 F +	
0-4314	Eureka Ensilage Thomas Hdw. Co., Owenton	The Market Gardeners' Seed Co., Cincinnati, O.	L 98 F +	L 81 F 54	
0-4315	U. S. 13 Thomas Hdw. Co., Owenton	The Livingston Seed Co., Cincinnati, Ohio	L 99.90 F +	L 95 F +	
0-4317	Reid's Yellow Dent L. C. Littrell Estate, Owenton	National Seed Co., Louisville, Ky.	L 99 F +	L 90 F —	
0-4318	U. S. 13 L. C. Littrell Estate, Owenton	National Seed Co., Louisville, Ky.	L 99 F +	L 90 F +	
0-4319	Ky. 69 E. W. Simpson, Owenton	W. L. Williams, Wilmington, Ohio	L 100 F +	L 90 F +	
0-4320	U. S. 13 E. W. Simpson, Owenton	W. L. Williams, Wilmington, Ohio	L 100 F +	L 90 F +	
0-4321	Boone Cty. White Dent Lot 2106 E. W. Simpson, Owenton	The J. Chas. McCullough Seed Co., Cincinnati, O.	L 99.50 F +	L 90 F +	
0-4322	Reid's Yellow Dent E. W. Simpson, Owenton	The Market Gardeners' Seed Co., Cincinnati, O.	L 99 F +	L 85 F +	
Cowpeas					
0-4307	Mixed Morgan & Crenshaw, Georgetown	Ross Seed Co., Louisville, Ky.	L 98 F +	L 80 F +	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
	Oats		<i>Percent</i>	<i>Percent</i>	
0-3729	N. W. Swedish John B. Penn Co., Georgetown	The J. Chas. McCullough Seed Co., Cincinnati, O.	L 99.25 F +	L 90 F +	
0-3739	Winter Farmers Supply Co., Harrodsburg	Unknown	L 95 F +	L 85 F +	
0-3745	Winter Lot 865 C. S. C. Woodson Lewis, Greensburg	Chambers Seed Co., Louisville, Ky.	L 98.16 F +	L 77 F +	
0-3754	Winter Turf Lot 3 H W. D. Dickinson, Glasgow	Lucas Seed Co., Franklin, Ky.	L 98.46 F —	L 85 F +	
0-3756	Winter Turf A. B. Waggener Co., Burkesville	A. B. Waggener Co., Burkesville, Ky.	L 95 F +	L 85 F +	Not listed
0-3802	Fulwin Lot H Kenneth T. Marquette, Falmouth	F. W. Rickard, Winchester, Ky.	L 98 F +	L 90 F —	
0-3826	Winter Robinson & Turley, Richmond	Ross Seed Co., Louisville, Ky.	L 97 F +	L 90 F +	
0-3849	Ashland Feed & Seed Co., Ashland	Ross Seed Co., Louisville, Ky.	L 97 F +	L 90 F +	
0-3850	Fulwin Lot J. H. C. Williams Groc. Co., Paintsville	W. P. Bell & Co., Nashville, Tenn.	L 98.50 F +	L 90 F +	
0-3874	Winter Turf, Lot Band McCauley Bros. Seed Co., Versailles	Unknown	L 98 F +	L 98 F —	
0-3948	White UNCO R. E. Moore & Son, Madisonville	Young & Conway, Morganfield, Ky.	L 99 F +	L 90 F +	
0-3979	Lot 1105 Planters Hdw. Co., Hopkinsville	Dobson-Hicks Co., Nashville, Tenn.	L 97.14 F +	L 87 F +	
0-4074	Red Somerset Produce Co., Somerset	Louisville Seed Co., Louisville, Ky.	L 98 F +	L 90 F +	
0-4075	White Somerset Produce Co., Somerset	Louisville Seed Co., Louisville, Ky.	L 98 F +	L 90 F +	
0-4095	Red Greenwell Feed Store, Lebanon	Ross Seed Co., Louisville, Ky.	L 98 F +	L 90 F +	
0-4111	Northern Spring, Lot A 43 Williams Groc. Co., Paintsville	Sphar & Co., Winchester, Ky.	L 95 F +	L 80 F +	
0-4142	Columbia Lot 4035 O. E. Donovan, Brooksville	The J. Chas. McCullough Seed Co., Cincinnati, O.	L 99.50 F +	L 90 F +	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			<i>Percent</i>	<i>Percent</i>	
0-4148	N. W. Lot 2284 Melvin Hart, Falmouth	The J. Chas. McCullough Seed Co., Cincinnati, O.	L 99.20 F —	L 90 F +	
0-4224	Red Lot 880 Cecilian Milling Co., Elizabethtown	Chambers Seed Co., Louisville, Ky.	L 98 F +	L 90 F 55	
0-4240	Red Morris Bros., Somerset	Louisville Seed Co., Louisville, Ky.	L 98 F —	L 90 F 27	
	Rye				
0-3681	Balbo Lot 429 Geo. P. Taylor Co., Albany	E. K. Hardison Seed Co., Nashville, Tenn.	L 95.60 F +	L 83 F 68	
0-3682	Balbo Triplett's Store, Corbin	Louisville Seed Co., Louisville, Ky.	L 98 F +	L 90 F 80	
0-3684	Balbo Lot B Garrard Mills, Lancaster	Sphar & Co., Winchester, Ky.	L 95 F +	L 80 F —	
0-3686	Balbo Lot L. S. London Hdw. Co., London	National Seed Co., Louisville, Ky.	L 98 F +	L 90 F +	
0-3688	Northern Lot No. 1 Dodd's Corner, Nicholasville	Aubrey & Co., Louisville, Ky.	L 95 F +	L 90 F 77	
0-3691	Balbo Richmond Hatchery, Richmond	The Mahan Co., Winchester, Ky.	L 98 F 94.74	L 85 F —	
0-3703	Balbo Lot 438 W. Z. Lawson, Whitley City	E. K. Hardison Seed Co., Nashville, Tenn.	L 96.35 F +	L 90 F —	Excessive
0-3708	Balbo Farmers Supply Co., Lexington	The C. S. Brent Seed Co., Lexington, Ky.	L 97.05 F +	L 92 F 81	
0-3709	Rosen Fayette Seed Co., Lexington	Lansing Grain Co., Lansing, Mich.	L 98 F +	L 87 F 74	
0-3715	Balbo 4406 Giltner Seed Co., Eminence	Farmers Elevator Co., Franklin, Ky.	L 96.67 F +	L 88 F —	
0-3717	Gentry McCauley Seed Co., Versailles	Chambers Seed Co., Louisville, Ky.	L 98 F —	L 85 F +	
0-3718	N. Rosen Woodford Feed Co., Versailles	The C. S. Brent Seed Co., Lexington, Ky.	L 99.10 F —	L 89 F 55	
0-3720	Rosen Lot 1 Morgan & Crenshaw, Georgetown	Aubrey & Co., Louisville, Ky.	L 95 F +	L 90 F 76	
0-3721	Balbo Morgan & Crenshaw, Georgetown	Louisville Seed Co., Louisville, Ky.	L 98 F +	L 90 F —	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
0-3730	John B. Penn Co., Georgetown	The J. Chas. McCullough Seed Co., Cincinnati, O.	L 99.85 F +	L 92 F +	
0-3731	Balbo Lot 111 John B. Penn Co., Georgetown	The Market Gardeners' Seed Co., Cincinnati, O.	L 98 F +	L 85 F 73	
0-3735	Balbo Lot 15 G. M. Taylor Seed Co., Georgetown	National Seed Co., Louisville, Ky.	L 96.85 F +	L 90 F 80	
0-3736	Balbo G. M. Taylor Seed Co., Georgetown	The C. S. Brent Seed Co., Lexington, Ky.	L 97.05 F +	L 92 F —	
0-3743	Balbo C. R. Hutchison & Son, Columbia	Hall Seed Co., Louisville, Ky.	L 98 F +	L 90 F 75	
0-3748	Balbo, Lot Darnell Scottsville Feed Co., Scottsville	Lucas Seed Co., Franklin, Ky.	L 97.56 F +	L 80 F +	
0-3749	Northern Ross-Hollingsworth & Co., Tompkinsville	A. B. Waggener & Co., Burkesville, Ky.	L 95 F +	L 90 F 76	
0-3762	N. W. Ward's General Store, Munfordville	Chambers Seed Co., Louisville, Ky.	L 98 F 96.88	L 90 F 70	
0-3765	Balbo Conner, Hayden & Co., Bardstown	Ross Seed Co., Louisville, Ky.	L 96 F +	L 85 F 66	
0-3775	Balbo C. L. Jewell & Son, Louisville	Unknown	L 96.67 F +	L 88 F +	
0-3787	W. H. Brock & Co., Maysville	The Early & Daniel Co., Cincinnati, Ohio	L 95 F +	L 80 F +	
0-3790	Balbo Lot 92348 N. S. Dudley & Son, Flemingsburg	J. C. Everett Co., Maysville, Ky.	L 97.57 F +	L 90 F +	
0-3791	Lot 92161 N. S. Dudley & Son, Flemingsburg	J. C. Everett Co., Maysville, Ky.	L 98.85 F —	L 92 F 74	
0-3795	Lot C 1506 Ratliff Bros. Co., Carlisle	The Livingston Seed Co., Cincinnati, Ohio	L 96.94 F —	L 90 F 60	
0-3799	Northern Kenneth T. Marquette, Falmouth	The Market Gardeners' Seed Co., Cincinnati, O.	L 97.15 F 95.48	L 85 F 64	
0-3803	Balbo Lot 2677 Kenneth T. Marquette, Falmouth	The J. Chas. McCullough Seed Co., Cincinnati, O.	L 99.50 F +	L 90 F +	
0-3820	N. W. Richmond Hatchery, Richmond	Sphar & Co., Winchester, Ky.	L 95 F +	L 80 F +	
0-3823	Balbo Robinson & Turley, Richmond	The C. S. Brent Seed Co., Lexington, Ky.	L 97.05 F +	L 92 F —	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			<i>Percent</i>	<i>Percent</i>	
0-3824	Balbo Robinson & Turley, Richmond	Louisville Seed Co., Louisville, Ky.	L 98 F —	L 90 F —	
0-3825	Balbo Lot X-94 Robinson & Turley, Richmond	Green Bros., Nashville, Tenn.	L 97 F +	L 85 F +	
0-3834	Rosen, Lot 1 Dodd's Corner, Nicholasville	Aubrey & Co., Louisville, Ky.	L 95 F +	L 90 F 54	
0-3840	Northern Teater & Taylor, Nicholasville	The C. S. Brent Seed Co., Lexington, Ky.	L 99.10 F 93.34	L 88 F —	
0-3880	Balbo Woodford Feed Co., Versailles	Sphar & Co., Winchester, Ky.	L 95 F —	L 85 F +	
0-3881	White McCauley Bros. Seed Co., Versailles	Aubrey & Co., Louisville, Ky.	L 99 F 94.97	L 95 F 67	
0-3882	Balbo Lot 1030 McCauley Bros. Seed Co., Versailles	Dobson-Hicks Co., Nashville, Tenn.	L 97.23 F +	L 85 F +	
	Soybeans				
0-3669	Manchu H. W. Smith, Horse Cave	W. E. Mansfield, Oakland, Ky.	L Blank F 99.67	L 92+0 F 37+0	
0-4102	Wilson, Lot Oscar Sandy Valley Groc. Co., Ashland	Ohio Valley Seed Co., Evansville, Ind.	L 98 F +	L 85 F 74+0	
0-4128	Yellow, Lot 1088 J. A. Bennett, Bloomfield	Chambers Seed Co., Louisville, Ky.	L 97.51 F +	L 98 F —	
0-4129	Black Wilson, Lot 1065 J. A. Bennett, Bloomfield	Chambers Seed Co., Louisville, Ky.	L 98 F +	L 84 F +	
0-4213	McCoupin, Lot R. & M. T. H. Cochran & Co., Marion	Young & Conway, Morganfield, Ky.	L 98 F +	L 85 F +	
0-4214	Kingwa T. H. Cochran & Co., Marion	Young & Conway, Morganfield, Ky.	L 98 F +	L 75+10 F +	
0-4216	Purdue No. 7 Prince Hdw. Co., Eddyville	Boonville Mills, Boonville, Ind.	L 98 F 94.12	L 83 F +	
0-4220	Mammoth Yellow Prince Hdw. Co., Eddyville	Ragland, Potter & Co., Hopkinsville, Ky.	L 98 F +	L 85 F 4+1	
0-4235	Virginia Brown W. S. Allen & Co., Liberty	Ross Seed Co., Louisville, Ky.	L 98 F +	L 80 F —	
0-4243	Yellow Geo. P. Taylor Co., Burnside	Louisville Seed Co., Louisville, Ky.	L 95 F 90.98	L 90 F 76+0	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity	Germination	Noxious weed seed
			<i>Percent</i>	<i>Percent</i>	
0-4265	Virginia Brown Floyd Tabor Store, Olive Hill	The Mahan Co., Winchester, Ky.	L 98 F 95.27	L 85 F —	
0-4284	Virginia Brown Laurel Groc. Co., East Bernstadt	Louisville Seed Co., Louisville, Ky.	L 98 F —	L 90 F +	
0-4291	Virginia Brown Fayette Seed Co., Lexington	Ross Seed Co., Louisville, Ky.	L 98 F —	L 80 F +	
0-4296	Manchu Farmers Supply Co., Lexington	Sphar & Co., Winchester, Ky.	L 95 F +	L 85 F +	
0-4299	Virginia Brown John B. Penn Co., Georgetown	Lewis Seed Co., Louisville, Ky.	L 98 F +	L 80 F +	
0-4311	Early Yellow Morgan & Crenshaw, Georgetown	Ross Seed Co., Louisville, Ky.	L 98 F +	L 80 F +	
0-4312	Virginia Brown Morgan & Crenshaw, Georgetown	Ross Seed Co., Louisville, Ky.	L 98.50 F —	L 80 F +	
0-4313	Black Morgan & Crenshaw, Georgetown	Ross Seed Co., Louisville, Ky.	L 98 F +	L 80 F +	
0-4324	Virginia Brown, Lot 2002 E. W. Simpson, Owenton	National Seed Co., Louisville, Ky.	L 98 F 96	L 90 F +	
0-4325	Black Wilson Lot 2006 E. W. Simpson, Owenton	National Seed Co., Louisville, Ky.	L 98 F +	L 85 F +	
0-4326	Mammoth Yellow Lot W. C. G. Ragland, Potter & Co., Hopkinsville	Carter Venable Co., Richmond, Va.	L 98 F +	L 85 F +	
	Vetch				
0-3675	Hairy B 198 Hess & Racke, Alexandria	Unknown	L 99.84 F —	L 79+6.5 F +	
0-3679	Hairy Lot 2590 Tony Bezold, Newport	The J. Chas. McCullough Seed Co., Cincinnati, O.	L 99.45 F —	L 76+12 F 60+14	Excessive
0-3683	Miller Hdw. Co., Jamestown	Worthington Co-Op. Produce Exchange, Louisville, Ky.	L 99 F +	L 95 F 69+16	
0-3693	O. E. Bernard, Russell Springs	A. B. Waggener & Co., Burkesville, Ky.	L 95.54 F +	L 80+10 F +	
0-3696	1647 Richards Bros., Russell Springs	Chambers Seed Co., Louisville, Ky.	L 99 F +	L 75+16 F +	
0-3710	Fayette Seed Co., Lexington	Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 82 F +	Not listed
0-3713	Winter Lot 2 Carroll Cty. Farm Bureau	National Seed Co., Louisville, Ky.	L 99 F +	L 75+15 F +	

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity		Germination	Noxious weed seed
			Percent	Percent		
0-3722	Winter Lot 1649 Morgan & Crenshaw, Georgetown	Chambers Seed Co., Louisville, Ky.	L 99.74 F —	L 85+7 F +		
0-3734	Hairy 2383 John B. Penn Co., Georgetown	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.65 F +	L 85+7 F —		
0-3738	G. M. Taylor Seed Co., Georgetown	Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 70+15 F +		
0-3744	Henry Durham, Greensburg	Chambers Seed Co., Louisville, Ky.	L 98 F +	L 90 F 65+9		
0-3763	Winter Lot 1647 C. S. C. Grigsby & Co., Bardstown	Chambers Seed Co., Louisville, Ky.	L 99 F +	L 75+16 F +		
0-3778	Winter Lot 1649 C. L. Jewell & Son, Louisville	Chambers Seed Co., Louisville, Ky.	L 99.74 F —	L 85+7 F +		Not listed
0-3785	Winter Shelbyville Feed & Seed Co., Shelbyville	Louisville Seed Co., Louisville, Ky.	L 99 F +	L 80+10 F +		
0-3800	Hairy Lot 2655 Kenneth T. Marquette, Falmouth	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 98.80 F +	L 85+6 F —		
0-3819	Winter Lot C-1502 John A. Sheehan, Falmouth	The Livingston Seed Co., Cincinnati, Ohio	L 98.97 F +	L 85+7 F +		
0-3833	Winter Dodd's Corner, Nicholasville	Ross Seed Co., Louisville, Ky.	L 99 F +	L 80 F +		
0-3856	Lot 1649 Grigsby & Co., Bardstown	Chambers Seed Co., Louisville, Ky.	L 99.74 F +	L 85+7 F +		
0-3859	Winter Farmers Supply Co., Harrodsburg	Unknown	L 95 F +	L 85 F +		
0-3861	Hairy Lot 2655 Barnett-Sullivan & Co., Harrodsburg	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 98.80 F +	L 85+6 F +		
0-3872	Hairy Lot A Woodford Feed Co., Versailles	Sphar & Co., Winchester, Ky.	L 95 F +	L 85+6 F +		
0-3873	McCauley Bros. Seed Co., Versailles	Ross Seed Co., Louisville, Ky.	L 99 F +	L 70+15 F +		
Wheat						
0-3716	Red Chaff Lot 4200 Giltner Seed Co., Eminence	Farmers Elevator Co., Franklin, Ky.	L 99 F +	L 90 F —		
0-3723	Smooth Fultz Lot No. 1 Morgan & Crenshaw, Georgetown	National Seed Co., Louisville, Ky.	L 99 F +	L 90 F +		

TABLE 1.—ANALYSES OF SEEDS—Continued

Lab. No.	Kind of seed and name and address of dealer	Purchased from	Purity		Noxious weed seed
			Percent	Percent	
0-3724	Thorne Lot 121 Morgan & Crenshaw, Georgetown	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 98 F +	L 85 F 70	
0-3789	Bearded Lot 92349 N. S. Dudley & Son, Flemingsburg	J. C. Everett & Co., Maysville, Ky.	L 98.98 F —	L 88 F —	
0-3801	Thorne Lot 2656 Kenneth T. Marquette, Falmouth	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.50 F +	L 90 F —	
0-3812	Bearded Lot A Adams & Moore, Cynthiana	Sphar & Co., Winchester, Ky.	L 95 F +	L 80 F —	
0-3839	Thorne W. A. Farnau, Lancaster	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 98 F +	L 85 F +	
0-3858	Farmers Supply Co., Harrodsburg	Unknown	L 95 F +	L 85 F +	
0-3879	Fultz Lot S McCauley Bros. Seed Co., Versailles	Unknown	L 99 F +	L 95 F —	
Mixtures					
0-4036	Lot 5000 Warsaw Hdw. Co., Warsaw	The Market Gardeners' Seed Co., Cincinnati, Ohio	L 97.28 F +	L 78+9 ^b F —	
0-3994	Lot 620 Payton Hatchery, Horse Cave	Scott Seed Co., New Albany, Ind.	L 93 F +	L 75+10 ^b F +	
0-4043	Lot 2477 Triplett's Store, Corbin	Scott Seed Co., New Albany, Ind.	L 89.24 F —	L 80 F +	
Miscellaneous					
0-3951	Rape, Dwarf Essex, Lot 20 Norris Hdw. & Seed Co., Henderson	J. M. Schultz Seed Co., Dieterich, Ill.	L 99.80 F —	L 95 F —	
0-4005	Beans, White Ky. Wonder E. S. Ferrill & Son, Buffalo	Associated Seed Growers, New Haven, Conn.	L 99 F +	L 85 F 34+53 ^c	
0-4007	Peas, Alaska E. S. Ferrill & Son, Buffalo	Associated Seed Growers, New Haven, Conn.	L 99 F +	L 85 F +	
0-4008	Peas, Mammoth Sugar E. S. Ferrill & Son, Buffalo	Associated Seed Growers, New Haven, Conn.	L 99 F +	L 90 F —	
0-4009	Peas, Premium Gem E. S. Ferrill & Son, Buffalo	Associated Seed Growers, New Haven, Conn.	L 99 F +	L 90 F +	

TABLE 2. WHOLESALE DEALERS

Name	Address	Number of samples	Unlawful
Associated Seed Growers	New Haven, Conn.	4	1
Aubrey & Co.	Louisville, Ky.	4	4
Bell, W. P. & Co.	Nashville, Tenn.	1	0
Benton Cty. Hybrid Seed Ass'n.	Oxford, Ind.	1	0
Boonville Mills	Boonville, Ind.	1	1
Bowman Seed Co., The	Concordia, Kan.	1	0
Bird, Harry & Tate	Shelbyville, Ky.	3	2
Brent, The C. S., Seed Co.	Lexington, Ky.	20	5
Broadbent, Jr., S. D.	Cobb, Ky.	5	0
Chambers Seed Co.	Louisville, Ky.	49	14
Corneli Seed Co.	St. Louis, Mo.	4	1
Cover, U. J., Seed Co.	Mt. Gilead, O.	2	1
Covington Bros. & Co.	Paducah, Ky.	1	0
Dairyman's Feed & Supply Co.	Mayfield, Ky.	10	3
Dobson-Hicks Co.	Nashville, Tenn.	4	1
Dodd's Corner	Nicholasville, Ky.	1	0
Early & Daniel Co., The	Cincinnati, O.	1	0
Everett, J. C.	Maysville, Ky.	3	1
Farmers Elevator Co.	Franklin, Ky.	8	2
Ferrill, E. S. & Son	Buffalo, Ky.	4	1
Funk, Edwin J. & Son	Kentland, Ind.	4	0
Garth & Chestnut	Trenton, Ky.	2	0
Gates Seed Co.	Camargo, Ill.	1	0
Green Bros.	Nashville, Tenn.	7	1
Griffin & Bain	Watertown, Tenn.	1	1
Hall Seed Co.	Louisville, Ky.	1	1
Hardison, E. K., Seed Co.	Nashville, Tenn.	11	3
Harralson's Feed & Seed Co.	Owensboro, Ky.	1	0
Joiner Hdw. Co.	Princeton, Ky.	1	1
Knoxville Seed Co.	Knoxville, Tenn.	1	0
Koreandale Farms	Morganfield, Ky.	2	0
Lansing Grain Co.	Lansing, Mich.	1	1
Lewis Seed Co.	Louisville, Ky.	31	8
Little, W. P. & Keller	Lexington, Ky.	1	1
Livingston Seed Co., The	Cincinnati, O.	39	10
Louisville Seed Co.	Louisville, Ky.	62	15
Lucas Seed Co.	Franklin, Ky.	5	1
McCullough, The J. Chas., Seed Co.	Cincinnati, O.	39	6
McLean Cty. Hdw. Co.	Calhoun, Ky.	1	1
McCurdy Bros.	Fremont, Ia.	2	0
Mahan Co., The	Winchester, Ky.	9	6
Mangelsdorf, Ed F. & Bro.	St. Louis, Mo.	2	0
Market Gardeners' Seed Co., The	Cincinnati, O.	25	8
National Seed Co.	Louisville, Ky.	22	4
Northwestern Seed Co.	Keokuk, Ia.	2	1
Ohio Valley Seed Co.	Evansville, Ind.	1	1
Pennyroyal Seed Co.	Hopkinsville, Ky.	11	3
Prewitt & Rankin	Lexington, Ky.	2	0
Purcell Seed Co.	Evansville, Ind.	7	1
Ragland, C. B., Co.	Nashville, Tenn.	14	5
Ragland, Potter & Co.	Glasgow, Ky.	2	1
Ragland, Potter & Co.	Hopkinsville, Ky.	1	1
Rickard, F. W.	Winchester, Ky.	2	0
Rogers, Will	Danville, Ky.	1	0
Ross Feed Co.	Murray, Ky.	1	0
Ross Seed Co.	Louisville, Ky.	76	15
Schultz, J. M., Seed Co.	Dieterich, Ill.	16	5
Scott Seed Co.	New Albany, Ind.	19	4
Spears, Woodford & Sons	Paris, Ky.	4	0
Sphar & Co.	Winchester, Ky.	16	2
Stokes, S. J.	Lexington, Ky.	1	0
Sturgis Impl. & Hdw. Co.	Sturgis, Ky.	2	1
Taylor, G. M. Seed Co.	Georgetown, Ky.	2	0
Thomas, W. L. Hatchery	Flemingsburg, Ky.	1	1
Trenton Seed Co.	Trenton, Ky.	1	1
U-Tote-Em Groc.	Fulton, Ky.	1	1
U-Tote-Em Groc.	Murray, Ky.	1	1
Venable, Carter, Co.	Richmond, Va.	1	0
Waggener, A. B., Co.	Burkesville, Ky.	6	3
Williams, W. L.	Wilmington, O.	6	0
Wilson, Jas. S. & Sons	Paris, Ky.	1	1
Worthington Co-op Produce Ex.	Louisville, Ky.	1	1
Wyatt Seed Co.	Petersburg, Ind.	5	2
Yopp Seed Co.	Paducah, Ky.	10	3
Young & Conway	Morganfield, Ky.	10	1
Farmers		15	2
Unknown		18	6
Total		655	168

TABLE 3. KIND AND NUMBER OF VIOLATIONS

Kind of seed	No. of samples	Purity	Germination	Noxious weeds	Total samples unlawful
Bluegrass	79	6	14	11	24
Millet	3	0	0	0	0
Orchard Grass	28	6	0	12	16
Red Top	39	1	2	2	4
Ryegrass	15	1	1	1	2
Timothy	63	1	9	11	19
Alfalfa	31	0	0	0	0
Alsike	8	0	0	5	5
Crimson clover	13	0	4	0	4
Mammoth clover	2	0	0	0	0
Red clover	35	10	4	11	14
Sapling clover	2	0	0	1	1
Sweet clover	12	0	3	0	3
Korean lespedeza	92	7	19	13	27
Kobe lespedeza	2	0	0	0	0
Barley	14	1	0	0	1
Cane	8	3	3	0	5
Sudan grass	4	0	2	0	2
Corn	85	0	3	0	3
Cowpeas	1	0	0	0	0
Oats	20	0	2	1	3
Rye	39	5	18	1	21
Soybeans	21	5	4	0	7
Vetch	22	0	3	3	5
Wheat	9	0	1	0	1
Mixtures	3	0	0	0	0
Miscellaneous	5	0	1	0	1
Total	655	46	93	72	168

