

Kentucky Agricultural Experiment Station

UNIVERSITY OF KENTUCKY

SEED INSPECTION IN KENTUCKY, 1936-1937

W. A. PRICE, E. C. VAUGHN, ENCIL DEEN, HOWARD TILSON,
JESSIE TAYLOR, ALICE MARRS, KATHERINE FRIED,
and MARGARET MORTON

The Kentucky Seed Law was enacted for the benefit of all those who are interested in agricultural seeds. Its purpose is to protect farmers and other buyers from impositions such as have occurred in the past and to make it possible for all who deal in agricultural seeds to know their real value. This purpose is carried out by a system of tagging which requires seed dealers or sellers of seeds to label every lot sold with a tag giving all necessary information concerning the seeds in question. The correctness of information on tags is checked by state inspectors who, at irregular intervals, inspect the seed stock of dealers thruout the State. Official samples are taken and these are analyzed in the State Seed Laboratory at the Kentucky Experiment Station. When analysis shows that any lot of seed is incorrectly tagged, a violation of the Kentucky Seed Law is indicated.

During the year beginning July 1, 1936, and ending June 30, 1937, 3,527 lots of seed were inspected in 325 cities, towns, and villages, and 425 official samples were taken. The results of analyses of these samples are given in this bulletin.

Table 1 shows the percentage of purity and germination stated on tags, the presence of excessive amounts of noxious weed seeds, the presence of noxious weed seed not shown on tags, irregularities in tags, and the results of official analyses

of samples. The variations allowed in purity and germination are those stated in the Rules and Methods of Testing approved by the Official Seed Analysts of North America, and published in Kentucky Bulletin, Regulatory Series, 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 blackface type. A liberal interpretation of these rules has been made in this report, especially in regard to low germinations, showing mouldy seeds, which may have been caused by flood conditions in Kentucky in January during which many of our seedsmen suffered considerable loss.

Table 2 contains a summary to show the kind and number of violations detected.

TABLE 1. Analyses of Seeds Collected by Inspectors, 1936-37

Lab. No.	Name and Address of Dealer	Kind of Seed	Purchased from:	Purity Percent*	Germi- nation Percent*	Noxious Weed Seed
0-684	Alfalfa, Grimm No. 3796 Williamstown Roller Mills, Williamstown		J. Chas. McCullough, Cincinnati, Ohio	L 99.25 F +	L 78 F +	
0-696	Alfalfa, No. 3704 Tony Bezold, Newport		J. Chas. McCullough, Cincinnati, Ohio	L 99.43 F +	L 91 F -	
0-703	Alfalfa Adams and Moore, Cynthiaana		Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 81 F +	
0-707	Alfalfa, No. 5814 Youtsey Bros., Alexandria		Market Gardeners' Seed Co., Cincinnati, Ohio	L 99.60 F -	L 89 F -	
0-720	Alfalfa G. W. Bowling & Son, Catlettsburg		Louisville Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +	
0-724	Alfalfa Ratliff Bros., Carlisle		Louisville Seed Co., Louisville, Ky.	L 99.86 F -	L 85 F -	
0-814	Alfalfa, Lot M Cayce-Yost Co., Hopkinsville		Ed F. Mangelsdorf, St. Louis, Mo.	L 99.60 F +	L 90 F -	
0-824	Alfalfa E. S. Ferrell & Son, Buffalo		National Seed Co., Louisville, Ky.	L 96 F +	L 80 F -	
0-826	Alfalfa, No. 6276 T. J. Turley Co., Owensboro		Purcell Seed Co., Evansville, Ind.	L 99.32 F +	L 83 F +	
0-842	Alfalfa, No. 54 Shelby Feed & Seed Co., Shelbyville		Chambers Seed Co., Louisville, Ky.	L 99.96 F -	L 91 F 78.5	
0-843	Alfalfa, Grimm Walters & Thompson, Shelbyville		The Bowman Seed Co., Concordia, Kansas	L 99.50 F +	L 70 F -	
0-844	Alfalfa Walters & Thompson, Shelbyville		The Bowman Seed Co., Concordia, Kansas	L 99.80 F -	L 76 F -	

* L indicates percentage shown on official label or tag.

F indicates percentage found by analyses.

TABLE 1. Analyses of Seeds Collected by Inspectors, 1936-37

Lab. No.	Name and Address of Dealer	Kind of Seed	Purchased from:	Purity Percent	Germi- nation Percent	Noxious Weed Seed
0-861	Alfalfa, No. 1566 W. A. Mattick, Campbellsburg		Scott Seed Co., New Albany, Ind.	L 98.40 F +	L 80 F -	
0-878	Alfalfa, No. 5814 Thomas Hardware Co., Owenton		Market Gardeners' Seed Co., Cincinnati, Ohio	L 99.60 F -	L 89 F +	
0-881	Alfalfa Williamstown Produce Co., Williamstown		Ross Seed Co., Louisville, Ky.	L 99.50 F -	L 80 F +	
0-902	Alfalfa, F. I. Bow Skidmore Hardware Co., Elizabethtown		Bowman Seed Co., Concordia, Kansas	L 99.5 F +	L 82 F -	
0-904	Alfalfa J. A. Bennett, Taylorsville		Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 80 F +	
0-907	Alfalfa C. B. Ragland Co., Bowling Green		National Seed Co., Louisville, Ky.	L 99.64 F +	L 90 F -	
0-909	Alfalfa Benson Valley Mfg. Co., Frankfort		Louisville Seed Co., Louisville, Ky.	L 99.50 F +	L 85 F +	
0-930	Alfalfa G. W. Bowling & Co., Catlettsburg		Louisville Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F -	
0-938	Alfalfa, No. 222 Howard Mercantile Co., Olive Hill		Market Gardeners' Seed Co., Cincinnati, Ohio	L 99.50 F -	L 80 F +	
0-961	Alfalfa, No. 3794 N. S. Dudley & Son, Flemingsburg		J. Chas. McCullough, Cincinnati, Ohio	L 99.63 F +	L 80 F +	
0-962	Alfalfa N. S. Dudley & Son, Flemingsburg		J. Chas. McCullough, Cincinnati, Ohio	L 99.65 F +	L 82 F +	
0-971	Alfalfa, No. 99 C. S. C. Grigsby & Co., Bardstown		Chambers Seed Co., Louisville, Ky.	L 99.31 F +	L 94 F -	
0-1035	Alfalfa, No. 6277 Elkton Hardware Co., Elkton		Purcell Seed Co., Evansville, Ind.	L 99.32 F +	L 83 F -	

Sample No.	Product	Manufacturer	Weight	Moisture	Germination	Other
0-1056	Alfalfa	Walton & Rednour, Walton	L 99.5 F +	L 80 F +		
0-636	Alsike Clover	Walters & Thompson, Shelbyville	L 96.4 F 94.62	L 90 F -		
0-640	Alsike Clover, No. 1875	Walton & Rednour, Walton	L 96.6 F +	L 80 F +		
0-651	Alsike Clover, No. 233	Burkesville Feed & Grain House, Burkesville	L 96.0 F -	L 80 F +		
0-661	Alsike Clover	Goldstein Co., Inc., Nicholasville	L 98.5 F -	L 85 F +		
0-664	Alsike Clover	C. T. Ashley Co., Nicholasville	L 99 F -	L 75 F +		
0-676	Alsike Clover, U-1804	Geo. W. Hill & Co., Covington	L 82.43 F +	L 80 F -		Excessive
0-677	Alsike Clover, K-135	Geo. W. Hill & Co., Covington	L 91.05 F +	L 94 F 83		
0-688	Alsike Clover, No. 401	Williamstown Roller Mills, Williamstown	L 99.2 F -	L 80 F +		
0-710	Alsike Clover	Veach C. Redd, Cynthiana	L 97.42 F +	L 80 F +		
0-729	Alsike Clover, No. 1737	Millersburg Coal & Lumber Co., Millersburg	L 98 F -	L 90 F -		
0-822	Alsike Clover	Grigsby & Co., Bardstown	L 93 F 87.22	L 90 F -		Excessive
0-834	Alsike Clover	Gentry McCauley Seed Co., Versailles	L 98.5 F -	L 80 F +		Excessive
0-848	Alsike Clover, No. 26	Farmers Supply Co., Eminence	L 97.58 F +	L 90 F -		
		J. M. McCullough, Cincinnati, Ohio				
		Chambers Seed Co., Louisville, Ky.				
		J. M. McCullough, Cincinnati, Ohio				
		Scott Seed Co., New Albany, Ind.				
		Louisville Seed Co., Louisville, Ky.				
		Ross Seed Co., Louisville, Ky.				
		Lewis Imp. & Seed Co., Louisville, Ky.				
		Craver-Dickinson Buffalo, New York				
		J. Chas. McCullough, Cincinnati, Ohio				
		Ross Seed Co., Louisville, Ky.				
		National Seed Co., Louisville, Ky.				
		Chambers Seed Co., Louisville, Ky.				
		Louisville Seed Co., Louisville, Ky.				
		Chambers Seed Co., Louisville, Ky.				

Louisville, Ky.
Purcell Seed Co.,
Evansville, Ind.

Grigsby & Co., Bardstown
Alfalfa, No. 6277
Elkton Hardware Co., Elkton

TABLE 1. Analyses of Seeds Collected by Inspectors, 1936-37

Lab. No.	Name and Address of Dealer	Purchased from:	Purity Percent	Germi- nation Percent	Noxious Weed Seed
0-856	Alsike Clover Duncan & Shenley, LaGrange	Ross Seed Co., Louisville, Ky.	L 97 F —	L 80 F +	
0-862	Alsike Clover W. A. Mattick, Campbellsburg	Scott Seed Co., Ind.	L 72 F —	L 80 F +	Excessive
0-868	Alsike Clover, No. 3 E. W. Simpson, Owenton	Market Gardeners' Seed Co., Cincinnati, Ohio	L 98.3 F —	L 84 F +	
0-876	Alsike Clover, No. 200 Thomas Hardware Co., Owenton	Scott Seed Co., New Albany, Ind.	L 98 F —	L 80 F —	
0-882	Alsike Clover Williamstown Produce Co., Williamstown	Ross Seed Co., Louisville, Ky.	L 98 F —	L 85 F +	
0-927	Alsike Clover G. W. Bowling & Co., Catlettsburg	Louisville Seed Co., Louisville, Ky.	L 98.5 F +	L 85 F +	
0-959	Alsike Clover Flemingsburg Hatchery, Flemingsburg	Ross Seed Co., Louisville, Ky.	L 98 F +	L 85 F —	
0-966	Alsike Clover Brock & Co., Maysville	Ross Seed Co., Louisville, Ky.	L 98 F —	L 85 F +	
0-1002	Alsike Clover W. H. Arnold Co., Madisonville	Lambert-Grisham Co., Henderson, Ky.	L 96 F 93.73	L 90 F —	
0-1028	Alsike Clover, No. 1803 McFarland Seed & Impl. Co., Bowling Green	Lewis Impl. & Seed Co., Louisville, Ky.	L 98.5 F 95.9	L 86 F —	Not listed
0-1045	Alsike Clover, 307-A O. E. Donovan, Brooksville	Market Gardeners' Seed Co., Cincinnati, Ohio	L 98.58 F —	L 80 F +	
0-1057	Alsike Clover, No. 4390 Tony Bezold, Newport	J. Chas. McCullough, Cincinnati, Ohio	L 97.15 F +	L 82 F —	
0-631	Bluegrass Robinson & Turley, Richmond	Ross Seed Co., Louisville, Ky.	L 72.4 F +	L 80 F +	

		L 85	L 72.4	L 80	
0-631	Bluegrass Robinson & Turley, Richmond	L 85	L 72.4	L 80	Not listed
0-656	Bluegrass Lillard Miles, Nicholasville	L 85	L 72.4	L 80	Not listed
0-660	Bluegrass Goldstein Co., Inc., Nicholasville	L 85	L 72.4	L 80	Not listed
0-671	Bluegrass, V-125 Geo. W. Hill & Co., Covington	L 85	L 72.4	L 80	Not listed
0-678	Bluegrass, 59613 Geo. W. Hill & Co., Covington	L 85	L 72.4	L 80	Not listed
0-682	Bluegrass Geo. C. Goode, Covington	L 85	L 72.4	L 80	Not listed
0-700	Bluegrass Morgan & Crenshaw, Georgetown	L 85	L 72.4	L 80	Not listed
0-708	Bluegrass, 47182135 Veach C. Redd, Cynthiana	L 85	L 72.4	L 80	Not listed
0-713	Bluegrass, "Local" E. M. Smith & Sons, Cynthiana	L 85	L 72.4	L 80	Not listed
0-715	Bluegrass, 592135 Thomas & Rankin Hatchery, Flemingsburg	L 85	L 72.4	L 80	Not listed
0-719	Bluegrass G. W. Bowling & Son, Catlettsburg	L 85	L 72.4	L 80	Not listed
0-728	Bluegrass Millersburg Coal & Lumber Co., Millersburg	L 85	L 72.4	L 80	Not listed
0-733	Bluegrass, S. K. R. E. 2 Farmers Supply Co., Mt. Sterling	L 85	L 72.4	L 80	Not listed
0-735	Bluegrass, No. 126 Farmers Supply Co., Ashland	L 85	L 72.4	L 80	Not listed
0-740	Bluegrass Flemingsburg Hatchery, Flemingsburg	L 85	L 72.4	L 80	Not listed
	Spears-Kiser Co., Paris, Ky.	L 85	L 72.4	L 80	Not listed
	Louisville Seed Co., Louisville, Ky.	L 85	L 72.4	L 80	Not listed
	Lewis Imp. & Seed Co., Louisville, Ky.	L 85	L 72.4	L 80	Not listed
	Ross Seed Co., Louisville, Ky.	L 85	L 72.4	L 80	Not listed
	C. S. Brent Seed Co., Lexington, Ky.	L 85	L 72.4	L 80	Not listed
	Ross Seed Co., Louisville, Ky.	L 85	L 72.4	L 80	Not listed
	Woodford Spears & Sons, Paris, Ky.	L 85	L 72.4	L 80	Not listed
	Spears-Kiser Co., Paris, Ky.	L 85	L 72.4	L 80	Not listed
	Woodford Spears & Sons, Paris, Ky.	L 85	L 72.4	L 80	Not listed
	Louisville Seed Co., Louisville, Ky.	L 85	L 72.4	L 80	Not listed
	(Local)	L 85	L 72.4	L 80	Not listed
	The Mahan Co., Winchester, Ky.	L 85	L 72.4	L 80	Not listed
	Lewis Impl. & Seed Co., Louisville, Ky.	L 85	L 72.4	L 80	Not listed
	W. H. Brock & Co., Maysville, Ky.	L 85	L 72.4	L 80	Not listed

TABLE 1. Analyses of Seeds Collected by Inspectors, 1936-37

Lab. No.	Name and Address of Dealer	Purchased from:	Purity Percent	Germi- nation Percent	Noxious Weed Seed
0-746	Bluegrass, 592135 N. S. Dudley & Sons, Flemingsburg	Woodford Spears & Sons, Paris, Ky.	L 85.6 F —	L 75 F +	
0-752	Bluegrass Harper & Runyan, Catlettsburg	Ross Seed Co., Louisville, Ky.	L 98 F —	L 80 F —	
0-755	Bluegrass Howard Mercantile Co., Olive Hill	Louisville Seed Co., Louisville, Ky.	L 82.08 F —	L 82 F +	
0-757	Bluegrass Dorsey Bros. & Fisher, Carlisle	Ross Seed Co., Louisville, Ky.	L 80 F —	L 75 F —	
0-763	Bluegrass, No. 264 John A. Sheehan, Falmouth	The Mahan Co., Winchester, Ky.	L 70 F —	L 75 F +	
0-774	Bluegrass W. A. Farnau, Lancaster	Louisville Seed Co., Louisville, Ky.	L 87.3 F —	L 85 F —	
0-797	Bluegrass Cole-Hughes Co., Barbourville	National Seed Co., Louisville, Ky.	L 87.41 F —	L 76 F +	Not listed
0-804	Bluegrass Farmers Supply Co., Middlesboro	Security Feed & Seed Co., Knoxville, Tenn.	L 80 F —	L 75 F +	Not listed
0-816	Bluegrass, "Thelco 35777" Eldred Hardware Co., Princeton	The Heldt Co., Evansville, Ind.	L 85.6 F —	L 88 F —	
0-835	Bluegrass, B Bohannon Coal & Feed Co., Versailles	(Local)	L 85 F —	L 85 F +	
0-849	Bluegrass, No. 160, C. S. C. Farmers Supply Co., Eminence	Chambers Seed Co., Louisville, Ky.	L 82.1 F +	L 80 F +	
0-863	Bluegrass, No. 126 Giltner Feed & Seed Co., Eminence	Lewis Impl. & Seed Co., Louisville, Ky.	L 82 F 73.9	L 85 F +	
0-872	Bluegrass Thomas Hardware Co., Owenton		L 85 F —	L 75 F +	

		L 85 F —	L 75 F +
0-900	Bluegrass Farmers Union Supply Co., Versailles	L 85 F —	L 75 F +
0-903	Bluegrass, No. 1475 Hardin Co. Supply Co., Elizabethtown	L 87.41 F 81.89	L 80 F —
0-908	Bluegrass E. S. Ferrill & Son, Buffalo	L 45.2 F +	L 71 F +
0-924	Bluegrass Sears, Roebuck & Co., Louisville	L 85 F —	L 70 F +
0-926	Bluegrass Farmers Supply Co., Ashland	L 80 F —	L 80 F +
0-942	Bluegrass Walter Young Coal Co., Owingsville	L 80 F —	L 80 F —
0-943	Bluegrass Estill & Thomas, Owingsville	L 79 F +	L 85 F —
0-967	Bluegrass, 142136 W. H. Brock & Co., Maysville	L 81.2 F —	L 82 F +
0-998	Bluegrass Lambert-Grisham Hdw. Co., Henderson	L 85 F —	L 88 F —
0-1032	Cane—Red Top E. S. Ferrill & Son, Buffalo	L 97.1 F +	L 85 F —
0-1033	Cane—Orange E. S. Ferrill & Son, Buffalo	L 97.7 F +	L 85 F —
0-1051	Cane—Orange W. H. Brock & Co., Maysville	L 98 F —	L 90 F —
0-1013	Corn Craig's Feed Store, Owensboro	L 100 F —	L 100 F —
0-1058	Corn Tony Bezold, Newport	L 99.5 F +	L 94 F +
	Ross Seed Co., Louisville, Ky.		
	National Seed Co., Louisville, Ky.		
	Ross Seed Co., Louisville, Ky.		
	Ostberg Seed Co., Chicago, Ill.		
	Lewis Impl. & Seed Co., Louisville, Ky.		
	Spears-Kjiser Co., Paris, Ky.		
	Louisville Seed Co., Louisville, Ky.		
	Woodford Spears & Sons, Paris, Ky.		
	Louisville Seed Co., Louisville, Ky.		
	Louisville Seed Co., Louisville, Ky.		
	Ross Seed Co., Louisville, Ky.		
	(Local)		
	J. Chas. McCullough, Cincinnati, Ohio		

TABLE 1. Analyses of Seeds Collected by Inspectors, 1936-37

Lab. No.	Name and Address of Dealer	Kind of Seed and Address of Dealer	Purchased from:	Purity Percent	Germi- nation Percent	Noxious Weed Seed
0-1060	Corn—Jellico U-Tote-Em Grocery, Clinton			L 95 F +	L 94 F —	
0-1061	Corn—Mosley Prolific U-Tote-Em Grocery, Clinton			L 95 F +	L 94 F +	
0-1063	Corn—Jarvis Prolific U-Tote-Em Grocery, Clinton			L 94 F +	L 90 F +	
0-1068	Corn—White Cob Guenther Hdw. Co., Owensboro			L 98 F +	L 98 F —	
0-1010	Cowpeas, Mixed Clarence Rowland, Owensboro		Harralson's Feed & Seed Store, Owensboro, Ky.	L 99 F —	L 90 F +	
0-1036	Cowpeas—Whippoorwill Dairyman's Feed & Supply Co., Mayfield			L 96 F +	L 92 F +	
0-1065	Cowpeas—Whippoorwill U-Tote-Em Grocery, Clinton			L 94 F +	L 89 F +	
0-1066	Cowpeas—Mixed Whippoorwill Guenther Hdw. Co., Owensboro		Ohio Valley Seed Co.	L 95 F +	L 89 F —	
0-853	Crimson Clover Giltner Feed & Seed Co., Eminence		Louisville Seed Co., Louisville, Ky.	L 99.59 F +	L 77 F —	
0-936	Crimson Clover Monarch Milling Co., Mt. Sterling		Ross Seed Co., Louisville, Ky.	L 99 F +	L 90 F —	
0-638	Korean Lespedeza, 1459 Walters & Thompson, Shelbyville		Chambers Seed Co., Louisville, Ky.	L 95 F 84.43	L 90 F 71	
0-639	Korean Lespedeza, 1457 Walters & Thompson, Shelbyville		Chambers Seed Co., Louisville, Ky.	L 98 F +	L 90 F 80	
0-645	Korean Lespedeza, 326 Fred Devine, Perryville		Scott Seed Co., Ind. New Albany, Ind.	L 95 F 90.87	L 80 F —	

			L 95 F 90.87	L 80 F —
0-645	Waters & Thompson, Shelbyville Korean Lespedeza, 326 Fred Devine, Perryville	Scott Seed Co., Ind. New Albany, Ind.	L 98.1 F —	L 80 F +
0-649	Korean Lespedeza Shirley & Sparks, Edmonton	Scott Seed Co., New Albany, Ind.	L 98.5 F —	L 80 F +
0-650	Korean Lespedeza Shirley & Sparks, Edmonton	Scott Seed Co., New Albany, Ind.	L 98 F +	L 85 F —
0-652	Korean Lespedeza Liberty Hardware Co., Liberty	C. S. Brent Seed Co., Lexington, Ky.	L 99 F +	L 83 F +
0-695	Korean Lespedeza Tony Bezold, Newport	J. Chas. McCullough, Cincinnati, Ohio	L 98.5 F —	L 73 F —
0-697	Korean Lespedeza John B. Penn & Co., Georgetown	Ross Seed Co., Louisville, Ky.	L 99 F —	L 70 F +
0-712	Korean Lespedeza E. M. Smith & Sons, Cynthiana	Ross Seed Co., Louisville, Ky.	L 97.61 F +	L 83 F +
0-722	Korean Lespedeza G. W. Bowling & Son, Catlettsburg	Ross Seed Co., Louisville, Ky.	L 98 F —	L 90 F —
0-734	Korean Lespedeza Farmers Supply Co., Ashland	Lewis Impl. & Seed Co., Louisville, Ky.	L 96.69 F —	L 99 F 89
0-739	Korean Lespedeza Flemingsburg Hatchery, Flemingsburg	W. H. Brock & Co., Maysville, Ky.	L 99.33 F —	L 85 F +
0-741	Korean Lespedeza R. R. Roberson, Elizaville	Louisville Seed Co., Louisville, Ky.	L 98 F —	L 85 F +
0-742	Korean Lespedeza Estill & Thomas, Owingsville	C. S. Brent Seed Co., Lexington, Ky.	L 98 F +	L 85 F —
0-744	Korean Lespedeza Grayson Milling Co., Grayson	C. S. Brent Seed Co., Lexington, Ky.	L 99.36 F +	L 85 F +
0-748	Korean Lespedeza N. S. Dudley & Sons, Flemingsburg	C. S. Brent Seed Co., Lexington, Ky.	L 98 F —	L 85 F +
0-753	Korean Lespedeza Ashland Feed & Produce Co., Ashland	Grayson Milling Co., Grayson, Ky.	L 98 F —	L 85 F +

TABLE 1. Analyses of Seeds Collected by Inspectors, 1936-37

Lab. No.	Name and Address of Dealer	Purchased from:	Purity Percent	Germi- nation Percent	Noxious Weed Seed
0-754	Korean Lespedeza Howard Mercantile Co., Olive Hill	F. W. Kebler Milling Co., Mt. Orab, Ohio	L 99.47 F —	L 90 F +	
0-756	Korean Lespedeza Dorsey Bros. & Fisher, Carlisle	Louisville Seed Co., Louisville, Ky.	L 99 F —	L 80 F +	
0-758	Korean Lespedeza Dorsey Bros. & Fisher, Carlisle	Louisville Seed Co., Louisville, Ky.	L 95.48 F 90.07	L 80 F +	
0-764	Korean Lespedeza John A. Sheehan, Falmouth		L 85.92 F +	L None F 27	
0-767	Korean Lespedeza Garrard Mills, Lancaster		L 98 F +	L 90 F —	
0-772	Korean Lespedeza Lancaster Milling Co., Lancaster	National Seed Co., Louisville, Ky.	L 92 F +	L 80 F —	
0-775	Korean Lespedeza W. A. Farnau, Lancaster	Banks Hudson, Danville, Ky.	L 93.42 F —	L 85 F +	Excessive
0-777	Korean Lespedeza Baughman Milling Co., Stanford	Scott Seed Co., New Albany, Ind.	L 98.5 F —	L 80 F +	
0-779	Korean Lespedeza Durham Impl. Co., Stanford	Chambers Seed Co., Louisville, Ky.	L 98.02 F —	L 90 F —	
0-780	Korean Lespedeza Durham Impl. Co., Stanford	Ross Seed Co., Louisville, Ky.	L 99 F —	L 90 F +	
0-781	Korean Lespedeza Farmers Supply Co., Middlesboro	Norton Garth, Trenton, Ky.	L 98 F —	L 65 F +	
0-789	Korean Lespedeza O. F. Shearer, Monticello	Lewis Impl. & Seed Co., Louisville, Ky.	L 98 F +	L 90 F —	
0-793	Korean Lespedeza Morris Bros., Somerset	National Seed Co., Louisville, Ky.	L 94 F +	L 90 F —	

			L 94 + F -	L 90 - F -
0-793	Korean Lespedeza Morris Bros., Somerset	National Seed Co., Louisville, Ky.	L 94 - F +	L 90 - F -
0-794	Korean Lespedeza Jasper & Tartar, Somerset	Lewis Impl. & Seed Co., Louisville, Ky.	L 98.5 - F -	L 90 - F -
0-795	Korean Lespedeza Hansford's, Somerset	C. S. Brent Seed Co., Lexington, Ky.	L 98 - F -	L 85 + F +
0-800	Korean Lespedeza Knox Co. Supply Co., Barbourville	National Seed Co., Louisville, Ky.	L 92 - F -	L 90 - F -
0-801	Korean Lespedeza Knox Co. Supply Co., Barbourville	National Seed Co., Louisville, Ky.	L 98.58 - F -	L 90 + F +
0-802	Korean Lespedeza Renfro Supply Co., Williamsburg	Scott Seed Co., Ind. New Albany, Ind.	L 98.5 + F +	L 80 + F 64
0-807	Korean Lespedeza Morris Cash Store, Science Hill	National Seed Co., Louisville, Ky.	L 96 - F -	L 90 - F -
0-808	Korean Lespedeza Geo. P. Taylor Co., Eubank	National Seed Co., Louisville, Ky.	L 98 + F +	L 90 - F -
0-809	Korean Lespedeza Cruch Bros. Hdw. Co., Pineville	National Seed Co., Louisville, Ky.	L 92.35 - F -	L 90 - F -
0-811	Korean Lespedeza W. R. McClure, Mt. Vernon	Garrard Mills Lancaster, Ky.	L 99 - F 96.80	L 90 - F -
0-839	Korean Lespedeza Shelby Feed & Seed Co., Shelbyville	Louisville Seed Co., Louisville, Ky.	L 94.37 + F +	L 85 + F 63
0-865	Korean Lespedeza E. W. Simpson, Owenton	Market Gardener's Seed Co., Cincinnati, Ohio	L 98.78 + F +	L 73 + F +
0-873	Korean Lespedeza Thomas Hardware Co., Owenton	Louisville Seed Co., Louisville, Ky.	L 92.35 + F +	L 90 - F -
0-884	Korean Lespedeza Williamstown Produce Co., Williamstown	W. H. Brock & Co., Maysville, Ky.	L 96.5 + F +	L 56 + F +
0-885	Korean Lespedeza Williamstown Produce Co., Williamstown	Ross Seed Co., Louisville, Ky.	L 99 - F -	L 90 - F -

Not listed

TABLE 1. Analyses of Seeds Collected by Inspectors, 1936-37

Lab. No.	Name and Address of Dealer	Kind of Seed	Purchased from:	Purity Percent	Germi- nation Percent	Noxious Weed Seed
0-887	Korean Lespedeza R. H. Marrs & Co., Lawrenceburg		Lewis Impl. & Seed Co., Louisville, Ky.	L 98.5 F +	L 88 F +	
0-890	Korean Lespedeza Grayson Co. Supply Co., Leitchfield		C. B. Ragland & Co., Bowling Green, Ky.	L 98.5 F 84.63	L 92 F -	Yellowtag
0-891	Korean Lespedeza Grayson Co. Supply Co., Leitchfield		Louisville Seed Co., Louisville, Ky.	L 98 F -	L 85 F +	
0-892	Korean Lespedeza G. M. Haycraft & Son, Leitchfield		Ross Seed Co., Louisville, Ky.	L 98 F +	L 72 F +	
0-894	Korean Lespedeza Aaron Moore, Leitchfield		W. B. Landrum, Franklin, Ky.	L 97.88 F 94.16	L None F 81	Excessive
0-897	Korean Lespedeza Henderson & Hardy, Shepherdsville		Ross Seed Co., Louisville, Ky.	L 86.45 F -	L 70 F -	
0-898	Korean Lespedeza Henderson & Hardy, Shepherdsville		Ross Seed Co., Louisville, Ky.	L 99 F -	L 92 F -	
0-899	Korean Lespedeza Farmers Union Supply Co., Versailles		Ross Seed Co., Louisville, Ky.	L 99 F -	L 92 F +	
0-910	Korean Lespedeza Trent & Board, Irvington		Louisville Seed Co., Louisville, Ky.	L 96.26 F -	L 80 F +	
0-911	Korean Lespedeza Harlan Fruit Co., Harlan		The Mahan Co., Winchester, Ky.	L 96.78 F +	L 94 F -	
0-912	Korean Lespedeza Harlan Fruit Co., Harlan		The Mahan Co., Winchester, Ky.	L 98 F +	L 90 F +	
0-914	Korean Lespedeza Douglas Kincaid, Richmond		C. S. Brent Seed Co., Lexington, Ky.	L 98 F -	L 85 F +	
0-921	Korean Lespedeza C. L. Jewell & Son, Louisville		Chambers Seed Co., Louisville, Ky.	L 97 F +	L 90 F -	

			L 97	L 90	
0-921	Korean Lespedeza C. L. Jewell & Son, Louisville	Garth & Orr, Trenton, Ky.	L 98 F -	L 67 F +	Not listed
0-932	Korean Lespedeza Louisa Grocery Co., Louisa	C. S. Brent Seed Co., Lexington, Ky.	L 98 F -	L 85 F +	
0-945	Korean Lespedeza Estill & Thomas, Owingsville	The Mahan Co., Winchester, Ky.	L 96 F -	L 88 F 73	Excessive
0-946	Korean Lespedeza M. W. Marcum, Salyersville	Ross Seed Co., Louisville, Ky.	L 99 F -	L 92 F +	
0-950	Korean Lespedeza Homer Elam, West Liberty	National Seed Co., Louisville, Ky.	L 96.5 F +	L 90 F -	
0-951	Korean Lespedeza The May Grocery Co., West Liberty	W. H. Brock & Co., Maysville, Ky.	L 96.5 F -	L 56 F +	
0-960	Korean Lespedeza Flemingsburg Hatchery, Flemingsburg	Louisville Seed Co., Louisville, Ky.	L 98.73 F -	L 65 F +	
0-974	Korean Lespedeza Vick Smith, Bowling Green	Franklin Whs. Co., Franklin, Ky.	L 98.67 F +	L 85 F +	
0-982	Korean Lespedeza John R. Sower, Frankfort	Franklin Whs. Co., Franklin, Ky.	L 90 F +	L None F 61	Excessive
0-984	Korean Lespedeza Solzman's Grocery, Greenville	Franklin Whs. Co., Franklin, Ky.	L 75 F +	L None F 68	Excessive
0-985	Korean Lespedeza Solzman's Grocery, Greenville	Cayce-Yost Co., Hopkinsville, Ky.	L 98 F +	L 95 F -	
0-986	Korean Lespedeza Young Lumber Co., Beaver Dam	Cayce-Yost Co., Hopkinsville, Ky.	L 97 F -	L 94 F -	
0-987	Korean Lespedeza O. H. Stephenson & Son, Beaver Dam	Lewis Impl. & Seed Co., Louisville, Ky.	L 98.5 F +	L 85 F +	
0-988	Korean Lespedeza O. H. Stephenson & Son, Beaver Dam	Cayce-Yost Co., Hopkinsville, Ky.	L 96 F 88.16	L 90 F -	Excessive
0-989	Korean Lespedeza Crawford & Ferguson, Benton				

TABLE 1. Analyses of Seeds Collected by Inspectors, 1936-37

Lab. No.	Name and Address of Dealer	Purchased from:	Purity Percent	Germination Percent	Noxious Weed Seed
0-990	Korean Lespedeza Morgan & Heath, Benton	Dairyman's Feed & Supply, Mayfield, Ky.	L 96 F +	L 98 F —	
0-991	Korean Lespedeza American Hardware Co., Bowling Green	(Local)	L 95 F 83.35	L None F 86	
0-992	Korean Lespedeza McFarland Impl. & Seed Co., Bowling Green	(Local)	L 98 F —	L 95 F —	
0-993	Korean Lespedeza J. W. Cowherd & Co., Cadiz	L. A. Dade, Hopkinsville, Ky.	L 98.5 F —	L 98 F —	
0-995	Korean Lespedeza Gish Furniture Co., Central City	Purcell Seed Co., Evansville, Ind.	L 96 F +	L 97 F —	
0-996	Korean Lespedeza Gish Furniture Co., Central City	Cayce-Yost Co., Hopkinsville, Ky.	L 96.74 F +	L 97 F +	
0-1000	Korean Lespedeza Lambert-Grisham Hdw. Co., Henderson		L 96 F +	L 90 F +	
0-1001	Korean Lespedeza Cayce-Yost Co., Hopkinsville		L 99 F —	L 98 F —	
0-1003	Korean Lespedeza W. H. Arnold Co., Madisonville	L. A. Dade, Hopkinsville, Ky.	L 92.3 F +	L 96 F 82	
0-1005	Korean Lespedeza R. E. Moore & Son, Madisonville	L. A. Dade, Hopkinsville, Ky.	L 98.5 F +	L 98 F —	
0-1006	Korean Lespedeza T. H. Cochran, Marion	Watertown Feed & Seed	L 95.65 F —	L None F 94	Excessive
0-1007	Korean Lespedeza Covington Bros. Co., Mayfield		L 94 F +	L 85 F —	
0-1009	Korean Lespedeza Dairyman's Feed & Supply Co., Mayfield		L 96 F +	L 88 F —	

0-1009	0-1011	0-1014	0-1016	0-1017	0-1019	0-1020	0-1021	0-1022	0-1023	0-1024	0-1025	0-1026	0-1027	0-1037
Korean Lespedeza Dairyman's Feed & Supply Co., Mayfield	Korean Lespedeza Clarence Rowland, Owensboro	Korean Lespedeza Craig's Feed Store, Owensboro	Korean Lespedeza Joiner Hardware Co., Princeton	Korean Lespedeza Ratliff Hardware Co., Princeton	Korean Lespedeza Burkesville Feed & Grain Co., Burkesville	Korean Lespedeza Burkesville Feed & Grain Co., Burkesville	Korean Lespedeza Burkesville Feed & Grain Co., Burkesville	Korean Lespedeza H. D. Jones, Glasgow	Korean Lespedeza H. D. Jones, Glasgow	Korean Lespedeza York & Massey, Scottsville	Korean Lespedeza Morris Bros., Somerset	Korean Lespedeza Cut-Rate Grocery, Flemingsburg	Korean Lespedeza Cut-Rate Grocery, Flemingsburg	Korean Lespedeza Dairyman's Feed & Supply Co., Mayfield
L 96 + F	L 99 - F	L 96.4 F 82.24	L 92.91 F -	L 84.6 F +	L 98 F +	L 95 F +	L 96 F +	L 88 F 83.19	L 90 F +	L 88 F 72.62	L 96.50 F -	L 99 F 95.31	L 97 F -	L 96 F +
	Harralson's Feed & Seed, Owensboro, Ky.	Stanley, Beaver Dam, Ky.	Stone, Princeton, Ky.	J. D. Reynolds	J. D. Reynolds	J. D. Reynolds	Local farmer	Local farmer	Local farmer	Lewis Impl. & Seed Co., Louisville, Ky.	Cayce-Yost Co., Hopkinsville, Ky.	Geo. W. Hurst, Flemingsburg, Ky. (Out of Tennessee)		
L 88 - F	L 90 + F	L 90 - F	L 71 + F +	L 87 + F +	L 95 + F +	L 92 + F 77	L 94 F 53	L 90 F -	L 90 F -	L 75 F +	L 85 F 53	L 86 F -	L 85 F -	L 45 + F

Not listed

TABLE 1. Analyses of Seeds Collected by Inspectors, 1936-37

Lab. No.	Name and Address of Dealer	Purchased from:	Purity Percent	Germi- nation Percent	Noxious Weed Seed
0-1039	Korean Lespedeza Watson Feed Co., Princeton	Duke Pettit, Princeton, Ky.	L 97.6 F —	L 88 F —	
0-1040	Korean Lespedeza W. E. Wilson, Russellville	Jno. Orndoff, Russellville, Ky.	L 98.34 F +	L 79 F +	
0-1044	Korean Lespedeza O. E. Donovan, Brooksville	Market Gardeners' Seed Co., Cincinnati, Ohio	L 98.50 F —	L 73 F —	
0-681	Mammoth Clover Geo. C. Goode, Covington	J. Chas. McCullough Cincinnati, Ohio	L 99.30 F +	L 89 F —	
0-731	Mammoth Clover Millersburg Coal & Lumber Co., Millersburg	J. Chas. McCullough Cincinnati, Ohio	L 99.25 F —	L 86 F +	
0-813	Mammoth Clover Cayce-Yost Co., Hopkinsville	The Heldt Co., Evansville, Ind.	L 99.25 F +	L 88 F —	
0-949	Mammoth Clover Albert Carpenter, Salyersville	J. Chas. McCullough Cincinnati, Ohio	L 99.39 F —	L 86 F +	
0-931	Millet Louisa Grocery Co., Louisa	Carter-Venable Co., Richmond, Va.	L 99.85 F —	L 94 F —	
0-1046	Millet O. E. Donovan, Brooksville	Market Gardeners' Seed Co., Cincinnati, Ohio	L 98 F +	L 85 F +	
0-1052	Millet Howard Mercantile Co., Mt. Olivet	Market Gardeners' Seed Co., Cincinnati, Ohio	L 98 F +	L 85 F +	
0-644	Mixture (Grass) (Labeled Timothy—862) Fred Divine, Perryville	Scott Seed Co., New Albany, Ind.	L 95 F —	L 90 F —	
0-665	Mixture (Clover) (Labeled Mammoth Clover.) K. Moore Geo. W. Hill & Co., Covington	Craver-Dickinson, Buffalo, N. Y.	L 93.1 F +	L 86 F +	

0-670	Mixture (Labeled Sapling Clover. K. Duck) Geo. W. Hill & Co., Covington	Craver-Dickinson, Buffalo, N. Y.	L 78.5 F +	L 80 F +	
0-698	Mixture (Red and Alsike Clover, No. 235) John B. Penn & Co., Georgetown	Scott Seed Co., New Albany, Ind.	L 88.5 F +	L 90 F +	Excessive
0-738	Mixture (Clover) Carlisle Mill & Supply Co., Carlisle	Louisville Seed Co., Louisville, Ky.	L 96 F -	L 83 F +	
0-745	Mixture (Labeled Sapling Clover) N. S. Dudley & Sons, Flemingsburg	J. Chas. McCullough Cincinnati, Ohio	L 99.5 F -	L 88 F -	
0-761	Mixture (Labeled Alsike, No. 3040) John A. Sheehan, Falmouth		L 88.5 F +	L 85 F -	
0-768	Mixture Davis Feed & Seed Co., Middlesboro	Security Feed & Seed Co., Knoxville, Tenn.	L None F 62.88	L None F 80	Excessive
0-773	Mixture (Timothy and White Clover) A. T. Sanders & Co., Lancaster	Louisville Seed Co., Louisville, Ky.	L 89.6 F +	L 90 F -	
0-778	Mixture (Pasture) Baughman Milling Co., Stanford	National Seed Co., Louisville, Ky.	L 57.44 F -	L 65 F +	
0-840	Mixture (Alsike and Red Clover) Shelby Feed & Seed Co., Shelbyville	Louisville Seed Co., Louisville, Ky.	L 88.92 F -	L 65 F +	
0-854	Mixture (Red and Alsike Clover) Giltner Feed & Seed Co., Eminence	Ross Seed Co., Louisville, Ky.	L 90.74 F +	L 75 F +	
0-855	Mixture (Clover) Giltner Feed & Seed Co., Eminence		L 97 F -	L 90 F 62	Excessive
0-858	Mixture (Red and Alsike Clover and Alfalfa) Duncan & Sherley, La Grange	Chambers Seed Co., Louisville, Ky.	L 88 F +	L 90 F -	
0-915	Mixture (Clover) A. W. Dunbar, Richmond	Louisville Seed Co., Louisville, Ky.	L 71.40 F +	L 60 F -	
0-916	Mixture (Red Clover and Alfalfa) Robinson & Turley, Richmond	Louisville Seed Co., Louisville, Ky.	L 71.4 F -	L 60 F +	Excessive

TABLE 1. Analyses of Seeds Collected by Inspectors, 1936-37

Lab. No.	Name and Address of Dealer	Purchased from:	Purity Percent	Germi- nation Percent	Noxious Weed Seed
0-917	Mixture (Red Top and Timothy) Robinson & Turley, Richmond	Louisville Seed Co., Louisville, Ky.	L 87.40 F —	L 90 F —	
0-952	Mixture (Alfalfa and Timothy) (Labeled Timothy) O. E. Donovan, Brooksville	Market Gardeners' Seed Co., Cincinnati, Ohio	L 99.6 F +	L 90 F —	
0-953	Mixture (Alfalfa and Alsike) (Labeled Alsike) O. E. Donovan, Brooksville	Market Gardeners' Seed Co., Cincinnati, Ohio	L 98.58 F —	L 80 F +	
0-972	Mixture (Red and Sweet Clover) (Labeled Red Clover) Grigsby & Co., Bardstown	Chambers Seed Co., Louisville, Ky.	L 93 F —	L 90 F —	
0-997	Mixture (Timothy and Red Top) (Labeled Red Top, No. 1) U-Tote-Em Grocery Co., Fulton	J. M. Schultz Seed Co., Dietrich, Ill.	L 92 F 82.3	L 88 F —	
0-1008	Mixture (Korean and Kobe)—Pasture Mixture (Labeled Korean) Dairyman's Feed & Supply Co., Mayfield		L 48.53 F +	L 54 F +	
0-1042	Lawn Mixture Leo's Stores, Inc., Covington	Pedigreed Seed Co., Inc.	L 54 F +	L 85 F —	
0-1043	Lawn Mixture Alber's Market, Covington		L 95.41 F +	L 85 F +	
0-1047	Mixture (Alsike and Red Clover) (Labeled Alsike Clover) John A. Sheehan, Falmouth	The Mahan Co., Winchester, Ky.	L 78.8 F +	L 85 F —	
0-656	Oats Geo. W. Hill & Co., Covington	(Own tag)	L 92 F +	L 99 F —	
0-674	Oats Geo. W. Hill & Co., Covington		L 86 F +	L 97 F +	

L 97
F +

L 86
F +

Oats
Geo. W. Hill & Co., Covington

0-674

0-783	Oats Farmers Supply Co., Middlesboro	Sun Field Seed Co., Chicago, Ill.	L 99 + F +	L 95 + F +
0-790	Oats J. H. Tate & Co., Monticello	Ross Seed Co., Louisville, Ky.	L 98 - F -	L 90 + F +
0-798	Oats Cole Hughes Co., Barbourville	National Seed Co., Louisville, Ky.	L 98 + F +	L 90 + F +
0-663	Orchard Grass C. T. Ashley Co., Nicholasville	Ross Seed Co., Louisville, Ky.	L 89 - F -	L 90 - F -
0-668	Orchard Grass Geo. W. Hill & Co., Covington	Lewis Impl. & Seed Co., Louisville, Ky.	L 90 + F +	L 90 + F +
0-685	Orchard Grass Williamstown Roller Mills, Williamstown	J. Chas. McCullough Cincinnati, Ohio	L 75.70 + F +	L 80 + F +
0-701	Orchard Grass Morgan & Crenshaw, Georgetown	Louisville Seed Co., Louisville, Ky.	L 70 + F +	L 90 + F +
0-702	Orchard Grass Adams & Moore, Cynthia	Ross Seed Co., Louisville, Ky.	L 82 + F +	L 85 - F -
0-714	Orchard Grass Thomas & Rankin, Flemingsburg	Louisville Seed Co., Louisville, Ky.	L 93 + F 71.73	L 90 - F -
0-718	Orchard Grass Howard Mercantile Co., Olive Hill	F. W. Kible Milling Co., Mt. Arret, Ohio	L 92 + F 85.75	L 89 + F +
0-725	Orchard Grass Ratliff Bros., Carlisle	Louisville Seed Co., Louisville, Ky.	L 85.7 + F +	L 90 - F -
0-736	Orchard Grass Farmers Supply Co., Ashland	Lewis Impl. & Seed Co., Louisville, Ky.	L 82 + F +	L 85 - F -
0-747	Orchard Grass N. S. Dudley & Son, Flemingsburg	C. S. Brent Seed Co., Lexington, Ky.	L 85 + F +	L 85 - F -
0-749	Orchard Grass Harper & Runyan, Catlettsburg	Ross Seed Co., Louisville, Ky.	L 85 - F -	L 85 - F -
0-762	Orchard Grass John A. Sheehan, Falmouth	The Mahan Seed Co., Winchester, Ky.	L 85 - F -	L 85 + F +

TABLE 1. Analyses of Seeds Collected by Inspectors, 1936-37

Lab. No.	Name and Address of Dealer	Kind of Seed and Address of Dealer	Purchased from:	Purity Percent	Germi- nation Percent	Noxious Weed Seed
0-776	Orchard Grass W. A. Farnau, Lancaster		Banks Hudson, Inc., Danville, Ky.	L 90 F 62.66	L 85 F —	
0-788	Orchard Grass O. F. Shearer, Monticello		Lewis Impl. & Seed Co., Louisville, Ky.	L 90 F +	L 90 F —	
0-819	Orchard Grass Joiner Hardware Co., Princeton		Purcell Seed Co., Evansville, Ind.	L 90 F +	L 85 F +	
0-825	Orchard Grass E. S. Ferrill & Son, Buffalo		Ross Seed Co., Louisville, Ky.	L 52 F +	L 75 F +	Excessive
0-838	Orchard Grass Shelby Feed & Seed Co., Shelbyville		Louisville Seed Co., Louisville, Ky.	L 70.14 F —	L 85 F +	
0-847	Orchard Grass Farmers Supply Co., Eminence		Chambers Seed Co., Louisville, Ky.	L 80 F —	L 80 F +	
0-866	Orchard Grass E. W. Simpson, Owenton		Market Gardeners' Seed Co., Cincinnati, Ohio	L 90 F —	L 85 F —	
0-889	Orchard Grass Grayson Co. Supply Co., Leitchfield		Lewis Impl. & Seed Co., Louisville, Ky.	L 85 F —	L 85 F —	Not listed
0-905	Orchard Grass J. A. Bennett, Taylorsville		Louisville Seed Co., Louisville, Ky.	L 90 F +	L 90 F —	
0-918	Orchard Grass Durham Impl. Co., Stanford		Banks Hudson, Inc., Danville, Ky.	L 85 F 61.77	L 80 F +	
0-925	Orchard Grass Farmers Supply Co., Ashland		Lewis Impl. & Seed Co., Louisville, Ky.	L 82 F —	L 85 F —	
0-941	Orchard Grass Howard Mercantile Co., Olive Hill		Market Gardeners' Seed Co., Cincinnati, Ohio	L 85.08 F +	L 85 F +	
0-954	Orchard Grass O. E. Donovan, Brooksville		Market Gardeners' Seed Co., Cincinnati, Ohio	L 75 F +	L 80 F +	

0-354	Howard Mercantile Co., Olive Hill Orchard Grass C. E. Donovan, Brooksville	Cincinnati, Ohio Market Gardeners' Seed Co., Cincinnati, Ohio	F + L 80 +	F + L 75 +	F + L 80 +
0-958	Orchard Grass Kentucky Feed Co., Flemingsburg	C. S. Brent Seed Co., Lexington, Ky.	L 85 F -	L 85 F -	L 85 F +
0-977	Orchard Grass Hatter Hardware Co., Franklin	Dobson-Hicks, Nashville, Tenn.	L 85 F +	L 85 F +	L 80 F +
0-1041	Orchard Grass Wilson-Miles Co., Russellville	Chambers Seed Co., Louisville, Ky.	L 85 F +	L 85 F -	L 85 F -
0-1054	Orchard Grass John A. Sheehan, Falmouth		L 88.20 F +	L 84 F -	L 84 F -
0-799	Peas—Tall Telephone Cole-Hughes Co., Barboursville	Associated Seed Growers, Indianapolis, Ind.	L 99 F +	L 90 F +	L 90 F +
0-1038	Rape T. J. Turley Co., Owensboro		L 98 F +	L 90 F +	L 90 F +
0-643	Red Clover Fred Devine, Perryville	Scott Seed Co., Ind. New Albany, Ind.	L 94.60 F +	L 85 F -	L 85 F -
0-648	Red Clover Woodson Lewis, Greensburg	National Seed Co., Louisville, Ky.	L 99 F +	L 90 F 65	L 90 F 65
0-654	Red Clover Shirley & Sparks, Edmonton	Scott Seed Co., Ind. New Albany, Ind.	L 98.20 F -	L 80 F +	L 80 F +
0-655	Red Clover Farmer's Supply Co., Harrodsburg	Ross Seed Co., Louisville, Ky.	L 99 F +	L 84 F +	L 84 F +
0-659	Red Clover Goldstein Co., Inc., Nicholasville	Louisville Seed Co., Louisville, Ky.	L 99.24 F -	L 85 F +	L 85 F +
0-662	Red Clover Goldstein Co., Inc., Nicholasville	Louisville Seed Co., Louisville, Ky.	L 98.75 F -	L 85 F +	L 85 F +
0-669	Red Clover Geo. W. Hill & Co., Covington	Craver-Dickinson, Buffalo, N. Y.	L 92.60 F +	L 80 F +	L 80 F +
0-673	Red Clover Geo. W. Hill & Co., Covington		L 98.11 F +	L 90 F +	L 90 F +
0-680	Red Clover Geo. C. Goode, Covington	J. Chas. McCullough Cincinnati, Ohio	L 98.23 F -	L 88 F +	L 88 F +

TABLE 1. Analyses of Seeds Collected by Inspectors, 1936-37

Lab. No.	Name and Address of Dealer	Kind of Seed and Address of Dealer	Purchased from:	Purity Percent	Germination Percent	Noxious Weed Seed
0-686	Red Clover Williamstown Rojler Mills, Williamstown		J. Chas. McCullough Cincinnati, Ohio	L 99.20 F —	L 85 F +	
0-689	Red Clover W. J. Askew & Co., Georgetown		Louisville Seed Co., Louisville, Ky.	L 98.74 F —	L 90 F +	
0-691	Red Clover W. J. Askew & Co., Georgetown		Louisville Seed Co., Louisville, Ky.	L 99.5 F +	L 85 F +	
0-693	Red Clover Tony Bezold, Newport		J. Chas. McCullough Cincinnati, Ohio	L 99.50 F —	L 88 F +	
0-694	Red Clover Tony Bezold, Newport		J. Chas. McCullough, Cincinnati, Ohio	L 99.23 F —	L 85 F +	
0-704	Red Clover Youtsey Bros., Alexandria			L 99.76 F —	L 88 F +	
0-716	Red Clover Thomas & Rankin Hatchery, Flemingsburg		Woodford Spears, Paris, Ky.	L 98.80 F —	L 88 F +	
0-721	Red Clover G. W. Bowling & Son, Catlettsburg		Louisville Seed Co., Louisville, Ky.	L 99.24 F —	L 85 F —	
0-727	Red Clover Millersburg Coal & Lumber Co., Millersburg		National Seed Co., Louisville, Ky.	L 99 F 96.91	L 90 F —	Not listed
0-732	Red Clover Millersburg Coal & Lumber Co., Millersburg		J. Chas. McCullough, Cincinnati, Ohio	L 99.50 F —	L 88 F +	
0-770	Red Clover Garrard Mills, Lancaster		National Seed Co., Louisville, Ky.	L 98.11 F —	L 90 F —	
0-771	Red Clover Lancaster Milling Co., Lancaster		National Seed Co., Louisville, Ky.	L 99 F —	L 90 F —	Not listed
0-786	Red Clover Davis Feed & Seed Co., Middlesboro		Security Feed & Seed Co., Knoxville, Tenn.	L 94 F —	L 90 F —	Not listed

TABLE 1. Analyses of Seeds Collected by Inspectors, 1936-37

Lab. No.	Name and Address of Dealer Kind of Seed	Purchased from:	Purity Percent	Germi- nation Percent	Noxious Weed Seed
0-896	Red Clover Henderson & Hardy, Shepherdsville	Chambers Seed Co., Louisville, Ky.	L 95.22 F +	L 90 F —	
0-901	Red Clover Gentry McCauley, Versailles	Louisville Seed Co., Louisville, Ky.	L 99.5 F —	L 90 F —	
0-906	Red Clover Connor-Haydon & Co., Bardstown	Ross Seed Co., Louisville, Ky.	L 99.50 F —	L 90 F —	
0-929	Red Clover G. W. Bowling & Co., Catlettsburg	J. Chas. McCullough, Cincinnati, Ohio	L 98.15 F +	L 85 F +	
0-933	Red Clover Louisa Supply Co., Louisa	Ross Seed Co., Louisville, Ky.	L 99.51 F —	L 80 F +	
0-935	Red Clover Farmers Produce Exchange, Morehead	The Mahan Co., Winchester, Ky.	L 99.5 F —	L 90 F +	
0-937	Red Clover Monarch Milling Co., Mt. Sterling	Lewis Impl. & Seed Co., Louisville, Ky.	L 98 F 93.24	L 90 F —	Not listed
0-940	Red Clover Howard Mercantile Co., Olive Hill	Market Gardeners' Seed Co., Cincinnati, Ohio	L 99.05 F —	L 83 F +	
0-944	Red Clover Estill & Thomas, Owingsville	Louisville Seed Co., Louisville, Ky.	L 99.72 F —	L 90 F —	
0-947	Red Clover M. W. Marcum, Salyersville	The Mahan Co., Winchester, Ky.	L 89.85 F +	L 73 F +	
0-955	Red Clover John A. Sheehan, Falmouth	Belt Seed Co., Baltimore, Md.	L 98 F +	L 80 F —	
0-957	Red Clover Cut-Rate Grocery Co., Flemingsburg	C. S. Brent Seed Co., Lexington, Ky.	L 99 F —	L 92 F —	
0-963	Red Clover N. S. Dudley & Son, Flemingsburg	J. Chas. McCullough, Cincinnati, Ohio	L 99.65 F +	L 86 F +	

Lexington, Ky.
J. Chas. McCullough,
Cincinnati, Ohio

0-963 Red Clover
N. S. Dudley & Son, Flemingsburg

0-968	Red Clover Brock & Co., Maysville	L 99 + F -	L 84 + F -	Ross Seed Co., Louisville, Ky.
0-969	Red Clover Brock & Co., Maysville	L 99 + F -	L 87 + F -	Ross Seed Co., Louisville, Ky.
0-978	Red Clover Hatter Hardware Co., Franklin	L 99 + F -	L 90 - F -	Dobson-Hicks, Nashville, Tenn.
0-981	Red Clover R. S. Scott & Sons, Frankfort	L 99.50 + F -	L 85 + F -	Louisville Seed Co., Louisville, Ky.
0-994	Red Clover Trigg County Trading Co., Cadiz	L 99 + F -	L 87 + F -	Purcell Seed Co., Evansville, Ind.
0-999	Red Clover Lambert-Grisham Hdw. Co., Henderson	L 96 + F -	L 90 + F -	Not listed
0-1034	Red Clover G. H. Harris, Cloverport	L 99.60 + F -	L 88 + F -	Purcell Seed Co., Evansville, Ind.
0-647	Redtop O. E. Rippetoe, Russell Springs	L 92 + F 78.36	L 90 - F -	Hall Seed Co., Louisville, Ky.
0-717	Redtop Howard Mercantile Co., Olive Hill	L 94.94 + F -	L 88 + F -	F. W. Kebler Milling Co., Mt. Orab, Ohio
0-750	Redtop Harper & Runyon, Catlettsburg	L 90 + F -	L 90 - F -	Security Feed & Seed Co., Knoxville, Tenn.
0-782	Redtop Farmers Supply Co., Middlesboro	L 88 + F -	L 85 - F -	Security Feed & Seed Co., Knoxville, Tenn.
0-787	Redtop Davis Feed & Seed Co., Middlesboro	L 80 + F -	L 85 + F -	Lewis Impl. & Seed Co., Louisville, Ky.
0-792	Redtop Morris Bros., Somerset	L 90 + F -	L 90 + F -	The Heldt Co., Evansville, Ind.
0-817	Redtop Eldred Hardware Co., Princeton	L 92.23 + F -	L 90 + F -	Young & Conway, Morganfield, Ky.
0-820	Redtop City Feed Co., Princeton	L 92 + F -	L 90 + F -	

TABLE 1. Analyses of Seeds Collected by Inspectors, 1936-37

Lab. No.	Name and Address of Dealer	Kind of Seed	Purchased from:	Purity Percent	Germi- nation Percent	Noxious Weed Seed
0-829	Redtop C. B. Ragland, Bowling Green		C. B. Ragland	L 90 F +	L 90 F +	
0-860	Redtop W. A. Mattick, Campbellsburg		Scott Seed Co., Ind. New Albany, Ind.	L 90 F -	L 90 F +	
0-893	Redtop Haycraft & Son, Leitchfield		Ross Seed Co., Louisville, Ky.	L 93 F +	L 90 F +	
0-895	Redtop Henderson & Hardy, Shepherdsville		Chambers Seed Co., Louisville, Ky.	L 92 F -	L 90 F +	
0-975	Redtop Vick Smith, Bowling Green			L 92 F -	L 90 F +	
0-979	Redtop Hatter Hardware Co., Franklin		Dobson-Hicks, Nashville, Tenn.	L 92 F +	L 90 F -	
0-1012	Redtop Clarence Rowland, Owensboro		Harralson's Feed & Seed, Owensboro, Ky.	L 90 F -	L 90 F -	
0-1018	Redtop Clinton Hardware Co., Clinton		Ed F. Mangelsdorf, St. Louis, Mo.	L 92.12 F -	L 91 F +	
0-646	Sapling Clover Fred Devine, Perryville		Scott Seed Co., New Albany, Ind.	L 84 F +	L 80 F -	Excessive
0-658	Sapling Clover Goldstein Co., Inc., Nicholasville		Louisville Seed Co., Louisville, Ky.	L 97.47 F +	L 90 F +	
0-846	Sapling Clover Walters & Thompson, Shelbyville		Chambers Seed Co., Louisville, Ky.	L 88 F +	L 85 F -	
0-852	Sapling Clover Giltner Feed & Seed Co., Eminence		Lewis Impl. & Seed Co., Louisville, Ky.	L 97.81 F -	L 90 F 80	
0-928	Sapling Clover G. W. Bowling Co., Catlettsburg		Louisville Seed Co., Louisville, Ky.	L 99 F 96.55	L 91 F -	Excessive

			L 99.50	F —	L 99	F 96.55	F 80	L 91	Excessive
0-928	Gluten Feed & Seed Co., Eminence								
	Sapling Clover								
	G. W. Bowling Co., Catlettsburg								
0-934	Sapling Clover	Moore Hardware Co., Louisa	L 99.50	F —	L 99	F 96.55	F 80	L 91	Excessive
0-939	Sapling Clover	Howard Mercantile Co., Olive Hill	L 99.16	F —	L 99	F 96.55	F 80	L 91	Excessive
0-922	Soybeans	C. L. Jewell & Son, Louisville	L 98	F +	L 98	F —	L 90	F +	
0-923	Soybeans	Kentucky Feed & Seed Co., Louisville	L 98	F +	L 98	F —	L 90	F +	
0-1015	Soybeans	Craig's Feed Store, Owensboro	L 99	F —	L 99	F —	L 94	F +	
0-1048	Soybeans	John A. Sheehan, Falmouth	L 98	F +	L 98	F —	L 90	F —	
0-1064	Soybeans	U-Tote-Em Grocery Co., Clinton	L 94	F +	L 94	F —	L 92	F +	
0-1067	Soybeans	Guenther Hardware Co., Owensboro	L 98	F +	L 98	F —	L 87	F +	
0-803	Sudan Grass	Early Hardware Co., Williamsburg	L 98	F —	L 98	F —	L 72	F +	
0-1004	Sudan Grass	W. H. Arnold Co., Madisonville	L 85	F —	L 85	F —	L 80	F —	
0-1030	Sudan Grass	McFarland Impl. & Seed Co., Bowling Green	L 99	F +	L 99	F —	L 90	F —	
0-1049	Sudan Grass	Kentucky Feed Co., Flemingsburg	L 98	F —	L 98	F —	L 90	F —	
0-1050	Sudan Grass	W. H. Brock & Co., Maysville	L 98.40	F —	L 98.40	F —	L 85	F —	
0-672	Sweet Clover, White	Geo. W. Hill & Co., Covington	L 96	F +	L 96	F —	L 72	F —	Excessive
0-679	Sweet Clover, White	George C. Goode, Covington	L 98.52	F —	L 98.52	F —	L 81	F +	Excessive
		Ross Seed Co., Louisville, Ky.							
		Market Gardeners' Seed Co., Cincinnati, Ohio							
		Chambers Seed Co., Louisville, Ky.							
		Louisville Seed Co., Louisville, Ky.							
		Foster Kendall Co.							
		Ohio Valley Seed Co.							
		Louisville Seed Co., Louisville, Ky.							
		Lambert-Grisham Hdq. Co., Henderson, Ky.							
		Lewis Impl. & Seed Co., Louisville, Ky.							
		C. S. Brent Seed Co., Lexington, Ky.							
		Louisville Seed Co., Louisville, Ky.							
		Craver-Dickinson, Buffalo, N. Y.							
		J. Chas. McCullough, Cincinnati, Ohio							

TABLE 1. Analyses of Seeds Collected by Inspectors, 1936-37

Lab. No.	Name and Address of Dealer	Purchased from:	Purity Percent	Germi- nation Percent	Noxious Weed Seed
0-683	Sweet Clover, White Williamstown Roller Mills, Williamstown	J. Chas. McCullough, Cincinnati, Ohio	L 99.50 F —	L 82 F —	
0-709	Sweet Clover Veach C. Redd, Cynthiaiana	Ross Seed Co., Louisville, Ky.	L 98.08 F +	L 90 F —	
0-711	Sweet Clover E. M. Smith & Sons, Cynthiaiana	Ross Seed Co., Louisville, Ky.	L 98.08 F —	L 90 F —	
0-743	Sweet Clover Grayson Milling Co., Grayson	Scott Seed Co., New Albany, Ind.	L 99.40 F +	L 80 F —	
0-760	Sweet Clover, White Dorsey Bros. & Fisher, Carlisle	J. Chas. McCullough, Cincinnati, Ohio	L 99.65 F —	L 74 F —	
0-815	Sweet Clover Cayce-Yost Co., Hopkinsville	Young & Conway, Morganfield, Ky.	L 99.24 F +	L 61 F +	
0-833	Sweet Clover Gentry McCauley Seed Co., Versailles	The Mahan Co., Winchester, Ky.	L 99.46 F —	L 90 F 69	
0-857	Sweet Clover Duncan & Sherley, LaGrange	Scott Seed Co., New Albany, Ind.	L 99 F +	L 75 F —	
0-867	Sweet Clover, White E. W. Simpson, Owenton	Market Gardeners' Seed Co., Cincinnati, Ohio	L 99.50 F 96.65	L 77 F —	
0-870	Sweet Clover L. C. Littrell, Owenton	Louisville Seed Co., Louisville, Ky.	L 99.50 F —	L 85 F —	
0-875	Sweet Clover Thomas Hardware Co., Owenton	Scott Seed Co., New Albany, Ind.	L 99 F —	L 75 F —	
0-877	Sweet Clover, White Thomas Hardware Co., Owenton	J. M. McCullough, Cincinnati, Ohio	L 99.90 F —	L 82 F —	
0-883	Sweet Clover Williamstown Produce Co., Williamstown	Ross Seed Co., Louisville, Ky.	L 98.08 F +	L 90 F —	

TABLE 1. Analyses of Seeds Collected by Inspectors, 1936-37

Lab. No.	Name and Address of Dealer	Kind of Seed and Address of Dealer	Purchased from:	Purity Percent	Germi- nation Percent	Noxious Weed Seed
0-692	Timothy W. J. Askey & Co., Georgetown	Timothy W. J. Askey & Co., Georgetown	Louisville Seed Co., Louisville, Ky.	L 99.70 F +	L 96 F -	
0-699	Timothy John B. Penn & Co., Georgetown	Timothy John B. Penn & Co., Georgetown	Ross Seed Co., Louisville, Ky.	L 99.60 F +	L 95 F -	
0-705	Timothy Youtsey Bros., Alexandria	Timothy Youtsey Bros., Alexandria	Market Gardeners' Seed Co., Cincinnati, Ohio	L 99.60 F +	L 90 F +	
0-726	Timothy Ratliff Bros., Carlisle	Timothy Ratliff Bros., Carlisle		L 99.65 F +	L 95 F -	
0-730	Timothy Millersburg Coal & Lumber Co., Millersburg	Timothy Millersburg Coal & Lumber Co., Millersburg	J. Chas. McCullough, Cincinnati, Ohio	L 99.6 F +	L 93 F -	
0-737	Timothy Farmers Supply Co., Ashland	Timothy Farmers Supply Co., Ashland	Lewis Impl. & Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +	
0-751	Timothy Harper & Runyan, Catlettsburg	Timothy Harper & Runyan, Catlettsburg		L 99.50 F +	L 90 F +	
0-759	Timothy Dorsey Bros. & Fisher, Carlisle	Timothy Dorsey Bros. & Fisher, Carlisle	J. Chas. McCullough, Cincinnati, Ohio	L 99.65 F -	L 93 F +	
0-765	Timothy John A. Sheehan, Falmouth	Timothy John A. Sheehan, Falmouth	The Mahan Seed Co., Winchester, Ky.	L 99.50 F -	L 96 F +	Not listed
0-766	Timothy Garrard Mills, Lancaster	Timothy Garrard Mills, Lancaster	C. S. Brent Seed Co., Lexington, Ky.	L 96 F -	L 90 F -	
0-769	Timothy Garrard Mills, Lancaster	Timothy Garrard Mills, Lancaster	Lewis Impl. & Seed Co., Louisville, Ky.	L 98 F +	L 90 F +	
0-784	Timothy Farmers Supply Co., Middlesboro	Timothy Farmers Supply Co., Middlesboro	Security Feed & Seed Co. Knoxville, Tenn.	L 98 F +	L 90 F +	
0-827	Timothy Barber Hardware Co., Springfield	Timothy Barber Hardware Co., Springfield	Louisville Seed Co., Louisville, Ky.	L 98.06 F +	L 94 F -	

0-832 Timothy, Seed Co., Versailles

Louisville Seed Co.,
Louisville, Ky.L 99.75
F -L 95
F -

0-832	Timothy Gentry McCauley Seed Co., Versailles	Louisville Seed Co., Louisville, Ky.	L 99.75 F —	L 95 F —
0-841	Timothy Shelby Feed & Seed Co., Shelbyville	Chambers Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +
0-850	Timothy Farmers Supply Co., Eminence	Chambers Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +
0-859	Timothy W. A. Mattick, Campbellsburg	Ross Seed Co., Louisville, Ky.	L 99 F +	L 95 F —
0-869	Timothy E. W. Simpson, Owenton	Market Gardeners' Seed Co., Cincinnati, Ohio	L 99.60 F +	L 90 F +
0-874	Timothy Thomas Hardware Co., Owenton	Market Gardeners' Seed Co., Cincinnati, Ohio	L 99.55 F +	L 92 F +
0-879	Timothy Williamstown Produce Co., Williamstown	Louisville Seed Co., Louisville, Ky.	L 99.75 F +	L 95 F +
0-948	Timothy Albert Carpenter, Salyersville	J. Chas. McCullough, Cincinnati, Ohio	L 99.60 F +	L 93 F +
0-956	Timothy John A. Sheehan, Falmouth	Foster-Kendall, Carmel, Ill.	L 98.16 F +	L 90 F +
0-965	Timothy N. S. Dudley & Son, Flemingsburg	J. Chas. McCullough, Cincinnati, Ohio	L 99.60 F —	L 90 F +
0-970	Timothy J. F. Bertram, Vanceburg	Market Gardeners' Seed Co., Cincinnati, Ohio	L 99.60 F +	L 90 F +
0-973	Timothy Grigsby & Co., Bardstown	Scott Seed Co., Ind. New Albany, Ind.	L 98.30 F —	L 90 F +
0-976	Timothy Vick Smith, Bowling Green		L 99 F +	L 98 F —
0-980	Timothy Hatter Hardware Co., Franklin	Dobson-Hicks, Nashville, Tenn.	L 99 F —	L 90 F +
0-983	Timothy John R. Sower, Frankfort	Scott Seed Co., Ind. New Albany, Ind.	L 99.60 F +	L 90 F +

Excessive

Not listed

TABLE 1. Analyses of Seeds Collected by Inspectors, 1936-37

Lab. No.	Name and Address of Dealer	Kind of Seed	Purchased from:	Purity Percent		Germination Percent		Noxious Weed Seed
				L	F	L	F	
0-1031	Timothy McFarland Impl. & Seed Co., Bowling Green		C. B. Ragland Co.,	L 99.50	F —	L 94	F —	
0-1053	Timothy Roy H. Vice, Owingsville		Market Gardeners' Seed Co., Cincinnati, Ohio	L 95.85	F +	L 90	F +	
0-1055	Timothy Walton & Rednour, Walton		J. M. McCullough, Cincinnati, Ohio	L 99.60	F +	L 92	F +	
0-1059	White Dutch Clover Minges Hardware Co., Newport		Market Gardeners' Seed Co., Cincinnati, Ohio	L 98.50	F +	L 80	F —	

Kin

Alfalfa
Alsike
Bluegrass
Cane
Corn
Cowpea
Crimson
Lespedeza
Mamm
Millet
Mixture
Oats
Orchard
Peas
Rape
Red Clover
Redtop
Sapling
Soybean
Sudan
Sweet
Timothy
White

T
the o
it te
whic
pose
The
10,8
law
tain

Stat
thus

TABLE 2. Summary of Violations Detected.

Kind of Seed	Number of Samples	Violations Found in:			Tag Absent or Incomplete	Total Samples Unlawful
		Purity	Germination	Noxious Weeds		
Alfalfa	26		1			1
Alsike Clover	25	4	1	5		8
Bluegrass	37	2		6		8
Cane	3					0
Corn	6					0
Cowpeas	4					0
Crimson Clover	2					0
Lespedeza	101	12	14	11	6	27
Mammoth Clover	4					0
Millet	3					0
Mixtures	25	2	2	4	1	5
Oats	5					0
Orchard Grass	29	4		2		6
Peas	1					0
Rape	1					0
Red Clover	57	3	1	9		11
Redtop	16	1				1
Sapling Clover	7	1	1	3		4
Soybeans	6					0
Sudan Grass	5					0
Sweet Clover	24	1	3	2		6
Timothy	37			3		3
White Clover	1					0
Total	425	30	23	45	7	80

QUALITY AND ECONOMY

To buy seeds economically, one must know their worth, and the only way to know the real value of any lot of seed is to have it tested. The law requires that each lot have attached a tag which should show the results of a complete analysis. The purpose of official inspection is to check this information on tags. The fact that only 188 unlawful samples were taken from 10,805 lots of seed inspected during the existence of the seed law indicates that a high standard of labeling is being maintained.

By carefully reading both front and back of the Kentucky State Seed tag buyers may know the value of seeds, and may thus be enabled to buy most economically.