

Kentucky Agricultural Experiment Station

UNIVERSITY OF KENTUCKY

SEED INSPECTION IN KENTUCKY, 1934-1936W. A. PRICE, E. C. VAUGHN, ENCIL DEEN, JESSIE TAYLOR and
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Observations of the seed market thruout the State indicate general improvement in quality of agricultural seeds offered for sale. There is less peddling of untagged seeds of doubtful quality and fewer farmers are buying poor seeds. Farmers in general appreciate the necessity of sowing the best seed, and are using the State tags as a guide to good quality.

The results of official inspection of agricultural seeds on sale in Kentucky from July 1, 1934, to June 30, 1936, are set forth in this bulletin. During this period 4,018 lots of seed were inspected in 131 cities and towns, and 345 official samples were taken.

Table 1 shows the percentages of purity and germination, and the presence of excessive amounts of noxious weed seed, 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. Results within the allowed variation are marked with (+) if above, or (—) if below, statements on official tags. Variations greater than those allowed constitute violations of the Seed Law, and such results are printed in black-faced type. A liberal interpretation of these rules has been made in this report.

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

TABLE 1. Analyses of Seeds Collected by Inspectors, 1934-1936

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent*	Germination Percent*	Noxious Weed Seeds
0-289	Alfalfa Garrard Mills, Lancaster	L 99.5 F +	L 80 F +	
0-302	Alfalfa Estill and Thomas, Owingsville	L 99.5 F +	L 80 F +	
0-319	Alfalfa Lambert-Grisham Hardware Co., Henderson	L 99.6 F +	L 92 F -	
0-343	Alfalfa Lillard Miles, Nicholasville	L 99.5 F +	L 75 F +	
0-365	Alfalfa Fayette Seed Co., Lexington	L 99.85 F -	L 85 F -	
0-383	Alfalfa J. F. Bertram, Vanceburg	L 99.5 F +	L 92 F -	
0-403	Alfalfa Lebanon Carriage & Implement Co., Lebanon	L 99.5 F +	L 90 F 72	
0-406	Alfalfa, Grimms Edwards Feed Store, Campbellsville	L 99.5 F +	L 90 F +	
0-412	Alfalfa J. B. Russell, Maysville	L 99.6 F +	L 88 F +	
0-452	Alfalfa G. H. Nunnelley & Co., Georgetown	L 99.62 F -	L 85 F -	
0-458	Alfalfa W. H. Brock & Co., Maysville	L 99.50 F +	L 80 F +	
0-480	Alfalfa Young Hardware Co., Hopkinsville	L 99.54 F +	L 85 F +	
0-523	Alfalfa R. H. Marrs & Co., Lawrenceburg	L 99.50 F +	L 90 F -	
0-525	Alfalfa Fred Devine, Perryville	L 98.0 F +	L 80 F -	
0-582	Alfalfa Craig's Feed Store, Owensboro	L 99.50 F +	L 94 F -	
0-606	Alfalfa John H. Burba Co., Hodgenville	L 99.88 F -	L 64 F +	
0-310	Alsike Clover Chas. Bond, New Liberty	L 84 F -	L 94 F 79	
0-329	Alsike Clover R. A. Dodd, Nicholasville	L 94.9 F -	L 83 F -	
0-357	Alsike Clover T. J. Turley, Owensboro	L 95 F -	L 80 F +	
0-429	Alsike Clover Waters and Thompson, Shelbyville	L 96 F -	L 80 F +	

* L indicates percentage shown on official label or tag.

F indicates percentage found by analyses.

TABLE 1. Analyses of Seeds Collected by Inspectors, 1934-1936

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seeds
0-450	Alsike Clover G. H. Nunnolley Co., Georgetown	L 96.39 F +	L 84 F +	
0-462	Alsike Clover E. W. Simpson, Owenton	L 98.50 F +	L 80 F +	
0-474	Alsike Clover S. V. Conrad, Cloverport	L 96.44 F -	L 90 F 24	
0-291	Bluegrass Garrard Mills, Lancaster	L 75 F -	L 75 F +	
0-292	Bluegrass Goldstein Co., Nicholasville	L 80 F -	L 75 F +	
0-294	Bluegrass Farmers Supply Co., Danville	L 76.48 F -	L 75 F +	
0-307	Bluegrass N. D. Tabor, Olive Hill	L 85 F 59.64	L 80 F 40	
0-311	Bluegrass C. C. Crabbe, Eminence	L 80 F -	L 76 F -	
0-321	Bluegrass Lambert-Grisham Hardware Co., Henderson	L 85 F 49.27	L 80 F -	
0-324	Bluegrass J. B. Benjamin & Son, Providence	L 85 F -	L 75 F +	
0-337	Bluegrass Elkton Hardware Co., Elkton	L 85 F -	L 80 F -	
0-345	Bluegrass R. A. Dodd, Nicholasville	L 87 F 69.8	L 80 F 54	
0-359	Bluegrass Bedford & Tuttle, Winchester	L 80 F -	L 86 F -	
0-363	Bluegrass Fayette Seed Co., Lexington	L 75.44 F -	L 80 F -	
0-370	Bluegrass Carter Supply Co., Lexington	L 80 F -	L 80 F -	
0-375	Bluegrass Hatter Hardware Co., Franklin	L 85 F 69.40	L 85 F -	
0-411	Bluegrass J. B. Russell, Maysville	L 85.70 F +	L 82 F +	
0-415	Bluegrass Hill Brothers, Germantown	L 87.60 F +	L 80 F -	
0-426	Bluegrass Minges Hardware Co., Newport	L 95 F +	L 92 F -	
0-427	Bluegrass Shelby Feed & Seed Store, Shelbyville	L 80 F -	L 88.50 F -	
0-431	Bluegrass Corbett Hdw. Co., Elizabethtown	L 85 F +	L 85 F -	

TABLE 1. Analyses of Seeds Collected by Inspectors, 1934-1936

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seeds
0-439	Bluegrass J. A. Bennett, Taylorsville	L 72.83 F +	L 80 F -	Excessive
0-453	Bluegrass L. W. Smith, Germantown	L 85.70 F +	L 85 F -	
0-456	Bluegrass W. H. Brock & Co., Maysville	L 84 F +	L 77 F -	
0-464	Bluegrass Thomas Hardware Co., Owenton	L 85 F -	L 80 F +	
0-475	Bluegrass S. V. Conrad, Cloverport	L 80 F +	L 86 F -	
0-477	Bluegrass Harris & Crowdus, Franklin	L 85 F +	L 70 F -	
0-488	Bluegrass Guenther Hardware Co., Owensboro	L 85 F +	L 80 F 59	
0-493	Bluegrass Eldred Hardware Co., Princeton	L 85.12 F +	L 80 F -	
0-500	Bluegrass W. A. Matlick, Campbellsburg	L 80 F +	L 80 F +	
0-507	Bluegrass Trimble Milling & Supply Co., Milton	L 84.50 F +	L 83 F 56	
0-511	Bluegrass Bruton and Son, Burkesville	L 83.75 F +	L 85 F 39	
0-512	Bluegrass Edwards Feed Store, Campbellsville	L 85 F +	L 83 F -	
0-521	Bluegrass R. H. Marrs & Co., Lawrenceburg	L 80 F +	L 85 F -	Excessive
0-522	Bluegrass R. H. Marrs & Co., Lawrenceburg	L 84 F +	L 77 F -	
0-528	Bluegrass Lake Brothers, Springfield	L 85 F +	L 80 F -	Excessive
0-537	Bluegrass W. H. Arnold & Co., Madisonville	L 80 F 60.97	L 80 F 31	
0-555	Bluegrass Thomas & Rankin, Flemingsburg	L 87.10 F -	L 77 F 56	
0-577	Bluegrass Elkton Hardware Co., Elkton	L 85 F -	L 80 F 54	Excessive
0-581	Bluegrass Miller Hardware Co., Scottsville	L 81 F +	L 80 F -	
0-584	Bluegrass J. P. Page & Son, Barlow	L 80.9 F +	L 80 F -	
0-623	Bluegrass Davis Feed & Seed Store, Middlesboro	L 85 F -	L 80 F -	

TABLE 1. Analyses of Seeds Collected by Inspectors, 1934-1936

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seeds
0-624	Bluegrass J. H. Millikin, Mt. Olivet	L 85.5 F +	L 77 F —	Excessive
0-361	Orange Cane Bedford & Tuttle, Winchester	L 98 F +	L 90 F 72	
0-300	Red Clover Hall Seed Co., Louisville	L No tag F 98.90	L No tag F 91	
0-301	Red Clover Hall Seed Co., Louisville	L No tag F 95.82	L No tag F 87	
0-303	Red Clover Estill & Thomas, Owingsville	L 99.50 F —	L 94 F +	
0-305	Red Clover W. B. Lukins, Ewing	L No tag F 79.16	L No tag F 88	Excessive
0-309	Red Clover Garrard Mills, Lancaster	L 99.25 F —	L 88 F +	
0-328	Red Clover C. T. Ashley Co., Nicholasville	L 99.16 F +	L 90 F —	
0-346	Red Clover R. A. Dodd, Nicholasville	L 97.56 F +	L 80 F +	
0-360	Red Clover Bedford & Tuttle, Winchester	L 99.5 F +	L 90 F +	Excessive
0-364	Red Clover Fayette Seed Co., Lexington	L 99.4 F —	L 92 F —	
0-378	Red Clover Hatter Hardware Co., Franklin	L 99.5 F +	L 94 F +	
0-387	Red Clover Stagg Bros., Vanceburg	L 99.25 F —	L 88 F +	
0-391	Red Clover N. S. Dudley & Son, Flemingsburg	L 99.50 F +	L 84 F +	
0-393	Red Clover Greenup Furniture Co., Greenup	L 99.25 F +	L 86 F —	
0-423	Red Clover Robinson & Turley, Richmond	L 99.40 F +	L 86 F +	
0-433	Red Clover Corbett Hardware Co., Elizabethtown	L 99.50 F +	L 94 F —	
0-434	Red Clover Duncan & Sherley, La Grange	L 98.60 F —	L 80 F +	
0-446	Red Clover John A. Sheehan, Falmouth	L 90.4 F —	L 70 F —	
0-451	Red Clover G. H. Nunnelley & Co., Georgetown	L 99.92 F —	L 89 F +	
0-454	Red Clover Hill Bros., Germantown	L 99.45 F +	L 88 F +	

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Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seeds
0-459	Red Clover J. B. Russell, Maysville	L 99.40 F +	L 86 F +	
0-466	Red Clover L. H. Barclay, Arlington	L 98 F -	L 90 F +	Excessive
0-472	Red Clover Clinton Hatchery, Clinton	L 99.36 F -	L 99.5 F -	Excessive
0-479	Red Clover Cayce-Yost Co., Hopkinsville	L 99.02 F -	L 93 F -	
0-487	Red Clover Guenther Hardware Co., Owensboro	L 98.05 F -	L 90 F 73	
0-495	Red Clover Ratliff Hardware Co., Princeton	L 91.85 F +	L 80 F -	
0-497	Red Clover W. H. Brock & Co., Maysville	L 98.5 F -	L 90 F -	
0-501	Red Clover W. A. Mattick, Campbellsburg	L 99.5 F +	L 80 F +	
0-510	Red Clover Bruton & Son, Burkesville	L 99.25 F -	L 90 F -	
0-516	Red Clover John H. Burba Co., Hodgenville	L 98.90 F -	L 90 F -	
0-519	Red Clover J. C. Vanarsdale, Lawrenceburg	L 99.5 F +	L 95 F -	
0-532	Red Clover Fulton Hardware Co., Fulton	L 98.5 F -	L 92 F -	Excessive
0-533	Red Clover Ky. Hdw. & Implement Co., Fulton	L 99.02 F -	L 95 F -	
0-539	Red Clover R. E. Moore & Son, Madisonville	L 98 F -	L 92 F -	
0-561	Red Clover Monarch Milling Co., Mt. Sterling	L 99 F -	L 95 F +	
0-597	Red Clover Sower Hardware Co., Frankfort	L 99.5 F +	L 80 F +	
0-527	Mammoth Clover Walters & Thompson, Shelbyville	L 98.94 F -	L 90 F +	
0-558	Mammoth Clover Forbes Hardware Co., Hopkinsville	L 99 F +	L 90 F +	
0-308	Sapling Clover Garrard Mills, Lancaster	L 98.7 F -	L 94 F +	
0-436	Sapling Clover Duncan & Sherley, La Grange	L 99.5 F -	L 82 F +	
0-437	Sapling Clover Duncan & Sherley, La Grange	L 99 F -	L 90 F 66	

TABLE 1. Analyses of Seeds Collected by Inspectors, 1934-1936

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seeds
0-515	Sapling Clover John H. Burba Co., Hodgenville	L 99 F —	L 90 F +	
0-605	Sapling Clover H. D. Jones, Glasgow	L 99 F +	L 90 F +	
0-342	Cowpeas Lillard Miles, Nicholasville	L 98 F +	L 90 F —	
0-348	Cowpeas Wilmore Coal & Feed Co., Wilmore	L 98 F 93.55	L 85 F —	
0-366	Cowpeas Farmers Supply Co., Lexington	L 99 F +	L 92 F +	
0-367	Cowpeas Farmers Supply Co., Lexington	L 99 F +	L 94 F +	
0-399	Cowpeas Lebanon Car. & Implement Co., Lebanon	L 98 F +	L 85 F +	
0-402	Cowpeas Edwards Feed Store, Campbellsville	L 98 F +	L 90 F —	
0-613	Cowpeas W. F. Hansford, Somerset	L 98 F +	L 85 F —	
0-332	Lawn Mixture Depenbrocks, Covington	L No tag F 79.5	L No tag F 80	
0-587	Lawn Mixture Sears, Roebuck & Co., Covington	L 90.98 F +	L 80.8 F —	
0-588	Lawn Mixture Sears, Roebuck & Co., Covington	L 89.20 F +	L 83 F —	
0-589	Lawn Mixture Zimmer Hardware Co., Covington	L 85.70 F +	L 85.5 F —	
0-590	Lawn Mixture Zimmer Hardware Co., Covington	L 88 F +	L 82 F —	
0-591	Lawn Mixture Landwehr, Covington	L 83.5 F +	L 85 F —	
0-502	Lawn Mixture Montgomery, Ward & Co., Covington	L 83.1 F +	L 83 F —	
0-593	Lawn Mixture Sears, Roebuck & Co., Frankfort	L 88.15 F +	L 86 F —	
0-594	Lawn Mixture Sears, Roebuck & Co., Frankfort	L 88.55 F +	L 88 F —	
0-595	Lawn Mixture Sears, Roebuck & Co., Frankfort	L 91.70 F —	L 85 F —	
0-598	Lawn Mixture National Seed Co., Louisville	L 62.57 F +	L 52 F —	
0-599	Lawn Mixture Skidmore Hdw. Co., Elizabethtown	L 69.50 F +	L None F 40	

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Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seeds
0-600	Lawn Mixture Fremd-Berry Hdw. Co., Eminence	L No tag F 86.57	L No tag F 72	
0-601	Lawn Mixture Fremd-Berry Hdw. Co., Eminence	L 77.8 F +	L 79 F —	
0-284	Lespedeza, Korean C. T. Ashley Co., Nicholasville	L 95.9 F +	L 80 F +	
0-313	Lespedeza, Korean D. E. Slate, Gamaliel	L No tag F 89.88	L No tag F 89	
0-314	Lespedeza, Korean W. M. Reemes, London	L 99.25 F —	L 78 F +	
0-315	Lespedeza, Korean Farmers Supply Co., Richmond	L 99.84 F —	L 92 F +	
0-316	Lespedeza, Korean Richardson & Greer, Camargo	L 99 F +	L 85 F +	
0-317	Lespedeza, Korean Sandy Valley Grocery Co., Louisa	L 99.8 F —	L None F 87	
0-318	Lespedeza, Korean Austin Beavin, Cloverport	L No tag F 93.56	L No tag F 79	
0-322	Lespedeza, Korean Norris Hardware Co., Henderson	L 97.72 F +	L 82 F +	
0-331	Lespedeza, Korean Patterson Bros., King's Mountain	L 99 F —	L 80 F +	
0-334	Lespedeza, Korean Crawford-Ferguson, Benton	L 92 F 86.5	L 88 F —	
0-335	Lespedeza, Korean Crawford-Ferguson, Benton	L 97 F +	L 90 F —	
0-336	Lespedeza, Korean Crawford-Ferguson, Benton	L 99 F —	L 94 F —	
0-338	Lespedeza, Korean Cadiz Hardware Co., Cadiz	L 99.4 F —	L 94 F —	
0-339	Lespedeza, Korean Morgan & Heath, Benton	L 94 F +	L 92 F —	
0-340	Lespedeza, Korean Franklin Warehouse Co., Franklin	L 98 F +	L None F 91	
0-349	Lespedeza, Korean Roy Clark, Big Hill	L 97 F —	L 80 F +	
0-351	Lespedeza, Korean Barnet Bros., McKee	L 99 F +	L 85 F +	
0-352	Lespedeza, Korean Brown Hardware Co., Jackson	L 99 F —	L 90 F —	
0-353	Lespedeza, Korean Brown Hardware Co., Jackson	L 99 F —	L 90 F —	
0-354	Lespedeza, Korean City Seed Co., Princeton	L 99 F —	L 94 F —	

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Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seeds
0-356	Lespedeza, Korean M. L. Orange, Princeton	L 90 F 84.58	L 88 F —	
0-371	Lespedeza, Korean Morgan & Crenshaw, Georgetown	L 99.08 F +	L 93 F —	
0-373	Lespedeza, Korean N. D. Tabor, Olive Hill	L 98.60 F —	L 92 F —	
0-380	Lespedeza, Korean Ray and Riley Owen, Dycusburg	L No tag F 91.54	L No tag F 01	
0-381	Lespedeza, Korean L. A. Dalton, Dycusburg	L 97.9 F +	L 91 F +	
0-382	Lespedeza, Korean L. A. Dalton, Dycusburg	L No tag F 90.81	L No tag F 03	
0-385	Lespedeza, Korean Farmers Produce Exchange, Morehead	L 99.50 F —	L 95 F +	
0-388	Lespedeza, Korean Grayson Milling Co., Grayson	L 99 F +	L 85 F +	
0-401	Lespedeza, Korean Shirley Transfer Co., Edmonton	L 96 F —	L 90 F 51	
0-407	Lespedeza, Korean L. A. Collins, Lebanon	L 98 F +	L 91 F +	
0-440	Lespedeza, Korean A. L. Moore, Leitchfield	L 99.55 F —	L None F 82	
0-441	Lespedeza, Korean Farmers Supply Co., Danville	L 97.11 F —	L 85.5 F —	
0-445	Lespedeza, Korean Farmers & Merchants Milling Co., Brooksville	L 99 F +	L 87 F +	
0-447	Lespedeza, Korean John A. Sheehan, Falmouth	L 97.37 F —	L None F 66	Excessive
0-457	Lespedeza, Korean W. H. Brock & Co., Maysville	L 99 F —	L 80 F +	
0-460	Lespedeza, Korean J. B. Russell, Maysville	L 99.50 F —	L 85 F +	
0-465	Lespedeza, Korean L. H. Barclay, Arlington	L 99 F —	L 90 F —	
0-469	Lespedeza, Korean Morgan & Heath, Benton	L 94 F —	L 80 F +	
0-473	Lespedeza, Korean The Emerson Co., Clinton	L 99.26 F —	L 80 F —	
0-485	Lespedeza, Korean T. H. Cochran & Co., Marion	L 96 F —	L 90 F —	Excessive
0-486	Lespedeza, Korean Craig's Feed Store, Owensboro	L 99.18 F +	L 97 F 74	

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Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seeds
0-498	Lespedeza, Korean Leslie Samples, Bagdad	L 95 F 83.44	L 98 F 71	Excessive
0-502	Lespedeza, Korean J. C. Dunavent, Eminence	L 99 F —	L 85 F —	
0-503	Lespedeza, Korean Sower Hardware Co., Frankfort	L 98.52 F —	L 90 F —	
0-504	Lespedeza, Korean Sower Hardware Co., Frankfort	L 98.50 F —	L 85 F +	
0-505	Lespedeza, Korean T. W. Duncan, La Grange	L 94.47 F 86.17	L 85 F —	Excessive
0-506	Lespedeza, Korean T. W. Duncan, La Grange	L 99.20 F —	L 85 F +	
0-513	Lespedeza, Korean Hoskins Store, Campbellsville	L 99.40 F —	L 87 F —	
0-514	Lespedeza, Korean John H. Burba Co., Hodgenville	L 95 F —	L 96 F 84	
0-517	Lespedeza, Korean L. A. Collins, Lebanon	L 98 F —	L 91 F —	
0-518	Lespedeza, Korean John C. Vanarsdale Co., Lawrenceburg	L 98.20 F —	L 90 F —	
0-520	Lespedeza, Korean R. H. Marrs & Co., Lawrenceburg	L 99 F —	L 90 F +	
0-526	Lespedeza, Korean Hall, Poe & Ruff, Shelbyville	L 97.50 F +	L 90 F —	
0-530	Lespedeza, Korean Morgan & Heath, Benton	L 99 F —	L 80 F +	
0-535	Lespedeza, Korean Kuttawa Milling Co., Kuttawa	L 99 F +	L 90 F —	
0-542	Lespedeza, Korean U-Tote-Em Grocery Co., Murray	L 97 F —	L 92 F 61	
0-543	Lespedeza, Korean Clarence Rowland, Owensboro	L 99 F —	L 90 F +	
0-546	Lespedeza, Korean Gid Hollingsworth, Tompkinsville	L 99 F —	L 90 F —	
0-548	Lespedeza, Korean G. B. Moores, Waco	L 99 F —	L 90 F —	
0-551	Lespedeza, Korean W. G. Wood, Willamstown	L 96.10 F —	L 80 F +	
0-553	Lespedeza, Korean Grayson Milling Co., Grayson	L 99 F —	L 85 F 70	
0-556	Lespedeza, Korean Cut Rate Grocery Co., Flemingsburg	L 99 F —	L 85 F +	

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Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seeds
0-559	Lespedeza, Korean N. P. Hutson, Murray	L 96 F 82.86	L 92 F —	Excessive
0-560	Lespedeza, Korean Hansford Hardware Co., Somerset	L 99 F +	L 80 F +	
0-562	Lespedeza, Korean Hansford Hardware Co., Somerset	L 97.43 F —	L 85 F +	
0-563	Lespedeza, Korean Leslie Bailey, Corinth	L 97.42 F 88.59	L None F 82	
0-565	Lespedeza, Korean Hatter Hardware Co., Franklin	L 92 F +	L 89 F —	
0-566	Lespedeza, Korean Ratliff Hardware Co., Princeton	L 95 F —	L 78 F +	
0-567	Lespedeza, Korean Carlisle Hardware Co., Bardwell	L 96 F 85.57	L 92 F —	Excessive
0-568	Lespedeza, Korean Hartford Mercantile Co., Hartford	L 95 F +	L 90 F 61	Excessive
0-570	Lespedeza, Korean Morgan & Heath, Benton	L 96 F —	L 92 F 75	Excessive
0-571	Lespedeza, Korean Denton Hardware Co., Madisonville	L 98.20 F —	L 88 F +	
0-572	Lespedeza, Korean Norris Hardware Co., Henderson	L 95 F +	L 85 F +	
0-573	Lespedeza, Korean Lambert-Grisham Hardware Co., Henderson	L 99 F +	L 85 F —	
0-574	Lespedeza, Korean Harralson's Feed Co., Owensboro	L 97 F —	L 90 F —	
0-575	Lespedeza, Korean Cayce-Yost Co., Hopkinsville	L 96 F 84.26	L 92 F 36	Excessive
0-586	Lespedeza, Korean Ryan Miller Co., Hardin	L 95 F 82.64	L 82 F —	Excessive
0-617	Lespedeza, Korean Williamsburg Hdw. Co., Williamsburg	L 97 F —	L 90 F —	
0-618	Lespedeza, Korean Davis Feed & Seed Store, Middlesboro	L 99 F +	L 90 F —	
0-619	Lespedeza, Korean Williamsburg Hdw. Co., Williamsburg	L 99 F —	L 90 F +	
0-620	Lespedeza, Korean Baughman Milling Co., Stanford	L 98.52 F +	L 97 F —	
0-333	Lespedeza, Kobe Crawford-Ferguson, Benton	L 98 F +	L 94 F 66	
0-470	Lespedeza, Kobe Crawford-Ferguson, Benton	L 98.20 F +	L 70 F 54	

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Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seeds
0-369	Lespedeza, Common Farmers Supply Co., Lexington	L 96.75 F +	L 90 F 38	
0-541	Lespedeza, Common Ross Feed Co., Murray	L 98 F —	L 92 F +	
0-569	Lespedeza, Common Scott-Lassiter Hdw. Co., Murray	L 96 F —	L 90 F —	
0-341	Orchard Grass Lillard Miles, Nicholasville	L 85 F 75	L 86 F +	
0-344	Orchard Grass R. A. Dodd, Nicholasville	L 70 F —	L 80 F —	
0-347	Orchard Grass Goldstein Co., Inc., Nicholasville	L 71.25 F +	L 80 F +	
0-386	Orchard Grass Hall & Miles, Morehead	L 77 F —	L 88 F —	
0-390	Orchard Grass Grayson Milling Co., Grayson	L 80 F —	L 85 F +	
0-395	Orchard Grass The Hoskins Store, Campbellsville	L 80 F +	L 85 F —	
0-396	Orchard Grass The Hoskins Store, Campbellsville	L 90 F —	L 90 F 69	
0-422	Orchard Grass Richmond Hatchery, Richmond	L 83.71 F —	L 88 F +	
0-428	Orchard Grass Shelby Feed & Seed Co., Shelbyville	L 78.29 F —	L 88 F —	
0-432	Orchard Grass Corbett Hardware Co., Elizabethtown	L 83.57 F —	L 90 F —	
0-438	Orchard Grass J. A. Bennett, Taylorsville	L 85 F —	L 85 F +	
0-443	Orchard Grass Augusta Hardware Co., Augusta	L 83.71 F —	L 88 F —	
0-444	Orchard Grass Farmers & Merchants Milling Co., Brooksville	L 83.71 F —	L 88 F —	
0-476	Orchard Grass T. W. Hall, Elkton	L 85 F —	L 80 F —	
0-491	Orchard Grass Harralson's Feed & Seed Store, Owensboro	L 84.29 F +	L 75 F +	
0-492	Orchard Grass T. J. Turley Co., Owensboro	L 80 F —	L 80 F +	
0-499	Orchard Grass W. A. Mattick, Campbellsburg	L 75 F +	L 75 F +	Excessive
0-552	Orchard Grass Collins Grocery Co., Greenup	L 85 F —	L 90 F —	

TABLE 1. Analyses of Seeds Collected by Inspectors, 1934-1936

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seeds
0-625	Orchard Grass J. H. Mullikin, Mt. Olivet	L 80 F —	L 80 F +	
0-629	Orchard Grass London Hardware Co., London	L 90.60 F —	L 85 F —	
0-320	Redtop Lambert-Grisham Hardware Co., Henderson	L 93 F —	L 92 F 77	
0-323	Redtop Norris Hardware Co., Henderson	L 94.23 F +	L 90 F 58	
0-350	Redtop Clay Co. Grocery Co., Manchester	L 95.40 F +	L 93 F +	
0-355	Redtop City Feed Co., Princeton	L 92 F +	L 90 F 59	
0-362	Redtop Fayette Seed Co., Lexington	L 94 F +	L 80 F +	
0-398	Redtop L. A. Collins, Lebanon	L 92 F —	L 90 F 44	
0-400	Redtop Shirley Transfer Co., Edmonton	L 95.16 F +	L 94 F —	
0-404	Redtop Vick Smith, Bowling Green	L 94 F +	L 90 F 68	
0-409	Redtop Geo. P. Taylor, Burnside	L 87.65 F +	L 85 F —	
0-413	Redtop W. H. Brock & Co., Maysville	L 90 F +	L 85 F +	
0-468	Redtop J. P. Page, Barlow	L 93 F —	L 90 F 69	
0-478	Redtop Lambert-Grisham Hardware Co., Henderson	L 92 F +	L 90 F —	
0-481	Redtop Planters Hdw. Co., Hopkinsville	L 90 F —	L 88 F +	
0-482	Redtop Irvington Hdw. & Imp. Co., Irvington	L 92 F +	L 90 F —	
0-483	Redtop Finley Hardware Co., Madisonville	L 92.7 F 85.38	L 85 L 70	
0-489	Redtop Harralson's Feed & Seed Store, Owensboro	L 92 F —	L 90 F —	
0-494	Redtop Joiner Hardware Co., Princeton	L 94 F —	L 92 F +	
0-496	Redtop Wilson-Miles Co., Russellville	L 90 F —	L 95 F +	
0-509	Redtop Grigsby & Co., Bardstown	L 90 F +	L 90 F +	

TABLE 1. Analyses of Seeds Collected by Inspectors, 1934-1936

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seeds
0-529	Redtop Morgan & Heath, Benton	L 92.8 F 80.36	L 94 F —	
0-531	Redtop Gresham Bros., Eddyville	L 92.69 F —	L 90 F —	
0-536	Redtop W. H. Arnold & Co., Madisonville	L 92 F +	L 90 F +	
0-538	Redtop Fox Hardware Co., Madisonville	L 92 F +	L 91 F —	
0-540	Redtop R. E. Moore & Son, Madisonville	L 92.04 F —	L 89 F +	
0-544	Redtop T. J. Turley Co., Owensboro	L 92 F +	L 90 F +	
0-545	Redtop T. J. Turley Co., Owensboro	L 92 F +	L 90 F —	
0-564	Redtop Hughes Hardware Co., Franklin	L 92 F +	L 90 F —	Excessive
0-578	Redtop Allen Co. Hardware Co., Scottsville	L 84 F —	L 90 F 73	
0-579	Redtop W. L. Kimbrough & Son, Guthrie	L 94 F —	L 92 F —	
0-580	Redtop Morgan & Heath, Benton	L 93.40 F —	L 90 F —	
0-585	Redtop Crawford & Ferguson, Benton	L 92 F +	L 90 F —	
0-626	Redtop Monroe Hardware Co., Tompkinsville	L 94 F —	L 90 F 75	
0-630	Redtop London Hardware Co., London	L 90 F —	L 90 F —	
0-372	Soybeans N. D. Tabor, Olive Hill	L 98 F +	L 90 F +	
0-374	Soybeans N. D. Tabor, Olive Hill	L 98 F +	L 90 F +	
0-397	Soybeans The Hoskins Store, Campbellsville	L 98 F +	L 82 F +	
0-615	Soybeans Geo. P. Taylor Co., Burnside	L 99.60 F —	L 90 F —	
0-616	Soybeans W. F. Hansford, Somerset	L 98 F +	L 90 F —	
0-298	Sweet Clover Artie Kendall, Zion Station	L 99.50 F +	L 80 F +	
0-304	Sweet Clover G. W. Bowling & Son, Catlettsburg	L 99.56 F +	L 89 F +	

TABLE 1. Analyses of Seeds Collected by Inspectors, 1934-1936

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seeds
0-312	Sweet Clover Dunavents, Eminence	L 98.50 F +	L 90 F -	
0-389	Sweet Clover Grayson Milling Co., Grayson	L 99.40 F +	L 80 F +	
0-435	Sweet Clover Duncan & Sherley, La Grange	L 98.40 F -	L 65 F +	
0-524	Sweet Clover Fred Devine, Perryville	L 99 F -	L 85 F +	
0-547	Sweet Clover Garrard Mills, Lancaster	L 99.40 F -	L 75 F -	
0-583	Sweet Clover Hughes Hardware Co., Franklin	L 99.58 F -	L 95 F -	
0-368	Sudan Grass Farmers Supply Co., Lexington	L 97.50 F +	L 90 F -	
0-392	Sudan Grass N. S. Dudley & Son, Flemingsburg	L 98.25 F -	L 80 F -	
0-384	Rape Lester L. Lynd, Ashland	L 99.50 F +	L 90 F 72	
0-418	Wheat Grayson Milling Co., Grayson	L 98 F +	L 95 F +	
0-419	Wheat Grayson Milling Co., Grayson	L 98 F +	L 95 F +	
0-286	Rye Norris Hardware Co., Henderson	L 99 F -	L 97 F -	
0-627	Rye Lancaster Milling Co., Lancaster	L 99 F -	L 90 F 72	
0-628	Rye The E. and D. Co., Erlanger	L 98 F -	L 85 F -	
0-285	Timothy Warsaw Hardware Co., Warsaw	L 99.60 F +	L 90 F +	
0-290	Timothy Garrard Mills, Lancaster	L 99.30 F +	L 92 F -	
0-293	Timothy Farmers Supply Co., Danville	L 99.50 F +	L 90 F -	
0-295	Timothy C. T. Ashley Co., Nicholasville	L 99 F -	L 90 F -	
0-306	Timothy W. H. Brock, Maysville	L 99.50 F +	L 95 F 80	
0-330	Timothy C. T. Ashley Co., Nicholasville	L 99 F -	L 90 F +	
0-379	Timothy Hatter Hardware Co., Franklin	L 98 F -	L 90 F -	

TABLE 1. Analyses of Seeds Collected by Inspectors, 1934-1936

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seeds
0-394	Timothy Greenup Furniture Co., Greenup	L 98.64 F —	L 93 F —	
0-408	Timothy Farmers Union Supply Co., Versailles	L 99.50 F +	L 90 F +	
0-410	Timothy J. B. Russell, Maysville	L 99.55 F —	L 92 F +	
0-414	Timothy W. H. Brock & Co., Maysville	L 99.70 F +	L 95 F +	
0-416	Timothy Farmers & Merchants Milling Co., Brooksville	L 99.50 F +	L 92 F +	
0-417	Timothy L. W. Smith, Germantown	L 99.6 F +	L 92 F +	
0-420	Timothy C. W. Bowling, Catlettsburg	L 99.6 F +	L 92 F +	
0-421	Timothy Cayce-Yost Co., Hopkinsville	L 99.5 F +	L 90 F +	
0-424	Timothy John A. Sheehan, Falmouth	L 97.50 F +	L 90 F +	
0-425	Timothy Walton & Renour, Walton	L 99.6 F —	L 92 F +	
0-430	Timothy Corbett Hardware Co., Elizabethtown	L 99.50 F +	L 95 F +	
0-442	Timothy Augusta Hardware Co., Augusta	L 99.45 F +	L 90 F +	
0-448	Timothy John A. Sheehan, Falmouth	L 92 F +	L 72 F +	
0-449	Timothy John A. Sheehan, Falmouth	L 97.50 F +	L 90 F +	
0-455	Timothy Hill Bros., Germantown	L 99.45 F +	L 90 F +	
0-461	Timothy L. C. Littrell, Owenton	L 99.50 F —	L 93 F +	
0-463	Timothy Thomas Hardware Co., Owenton	L 99.60 F +	L 90 F +	
0-467	Timothy J. P. Page, Barlow	L 94.96 F +	L 91 F —	
0-471	Timothy Williams Hardware Co., Clinton	L 99.02 F —	L 90 F +	
0-484	Timothy Denton Hardware Co., Madisonville	L 99.50 F +	L 90 F +	
0-490	Timothy Harralson's Feed & Seed Store, Owensboro	L 99.50 F +	L 92 F +	

TABLE 1. Analyses of Seeds Collected by Inspectors, 1934-1936

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seeds
0-534	Timothy Norris Hardware Co., Henderson	L 99.71 F —	L 90 F +	
0-549	Timothy G. B. Moores, Waco	L 99.50 F +	L 92 F +	
0-550	Timothy W. T. Bush, Waco	L 99.60 F +	L 90 F +	
0-554	Timothy Thomas & Rankin, Flemingsburg	L 99.60 F —	L 92 F —	
0-576	Timothy Crawford-Ferguson, Benton	L 99 F —	L 91 F +	Excessive
0-614	Timothy C. T. Ashley Co., Nicholasville	L 99.60 F —	L 92 F +	
0-602	Corn H. D. Jones, Glasgow		L 90 F +	
0-603	Corn Scottsville Feed Co., Scottsville		L 90 F +	
0-604	Corn Hollingsworth Hardware Co., Bowling Green		L 95 F +	
0-607	Corn R. A. Dodd, Nicholasville		L 90 F +	
0-609	Corn White Sharp, Corbin		L 96 F —	
0-610	Corn Farmers Supply Co., Danville		L 90 F +	
0-612	Corn R. A. Dodd, Nicholasville		L 90 F +	
0-596	Oats Shelby Feed & Seed Co., Shelbyville	L 98 F +	L 90 F +	
0-508	Beans W. H. Hudson, Pleasureville	L 99 F +	L 94 F —	
0-557	Beans L. J. Mattingly, Hardinsburg	L No tag F 99.9	L No tag F 100	
0-405	Millet G. H. Bowles & Son, Glasgow	L 96 F +	L 75 F —	
0-621	Millet Davis Feed & Seed Co., Middlesboro	L 98 F +	L 90 F 77	
0-622	Millet Lancaster Milling Co., Lancaster	L 99 F +	L 90 F —	
0-631	Millet Robinson & Turley, Richmond	L 72.40 F +	L 80 F +	
0-632	Millet W. H. Brock & Co., Richmond	L 99.50 F —	L 82 F 56	

TABLE 2. Summary of Violations Detected.

Kind of Seed	Number of Samples	Violations Found in:			Tag Absent or Incomplete	Total Samples Unlawful
		Purity	Germ.	Noxious Weeds		
Alfalfa	16	0	1	0	0	1
Alsike Clover	7	0	1	0	0	1
Bluegrass	40	5	7	5	0	13
Cane	1	0	1	0	0	1
Red Clover	35	0	1	4	3	8
Mammoth Clover	2	0	0	0	0	0
Sapling Clover	5	0	1	0	0	1
Cowpeas	7	1	0	0	3	3
Lawn Mixture	14	0	0	0	7	22
Lespedeza	91	9	12	10	0	3
Orchard Grass	21	1	1	1	0	3
Redtop	34	2	6	1	0	8
Soybeans	5	0	0	0	0	0
Sudan Grass	2	0	0	0	0	0
Sweet Clover	9	0	0	0	0	0
Rape	1	0	1	0	0	1
Wheat	2	0	0	0	0	0
Rye	3	0	1	0	0	1
Timothy	34	0	1	2	0	3
Corn	9	0	2	0	0	2
Oats	1	0	0	0	0	0
Beans	1	0	1	0	0	1
Millet	5	0	2	0	0	2
Total	345	18	39	23	13	72

THE INDEX OF QUALITY

The only way to know the real worth of any lot of seed is to have it tested. Each State seed tag shows the results of a complete analysis. The tag is the seedman's guaranty, the basis for prosecutions of seed law violations, and the farmer's assurance of quality.