

Kentucky Agricultural Experiment Station

UNIVERSITY OF KENTUCKY

SEED INSPECTION IN KENTUCKY, 1932-1934W. A. PRICE, E. C. VAUGHN, ENCIL DEEN, JESSIE TAYLOR and
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The results of official inspection of seeds on sale in the State from July 1, 1932, to June 30, 1934, are set forth in this bulletin. During this period, 3,260 lots of seed were inspected in 105 cities and towns. Official samples were taken from 282 of these lots of seed. Table 1 shows the percentages of purity, germination, presence or absence of noxious weed seed, 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 adopted and approved by the Association of Official Seed Analysts of North America. Results within the allowed variation are marked with (+) if above, or (—) if below, statements on official labels. Variations greater than those allowed constitute violations of the Seed Law, and such results are printed in black-faced type.

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

Because of the newness of the law, a liberal interpretation has been made in the records contained in this report.

TABLE 1. Analyses of Seeds Collected by Inspectors, 1932-1934

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seed
0-12	Alfalfa Farm Bureau Supply Co., Elizabethtown	L 99.25 F +	L 92 F -	Absent
0-45	Alfalfa R. A. Dodd, Nicholasville	L 99.00 F -	L 70 F -	Absent
0-49	Alfalfa Lillard J. Miles, Nicholasville	L 99.50 F -	L 90 F 75	Absent
0-69	Alfalfa Millersburg Coal & Lumber Co., Millersburg	L 99.50 F -	L 90 F -	Absent
0-75	Alfalfa Stanford Hardware Co., Stanford	L 99.50 F +	L 93 F -	Absent
0-120	Alfalfa Farm Bureau Supply Co., Elizabethtown	L 99.50 F -	L 70 F -	Absent
0-123	Alfalfa Roy H. Vice, Owingsville	L 98.00 F 95.95	L 90 F -	Absent
0-128	Alfalfa Walter Young Coal Co., Owingsville	L 99.50 F +	L 90 F +	Absent
0-131	Alfalfa Williamstown Roller Mills, Williamstown	L 99.68 F +	L 89 F -	Absent
0-145	Alfalfa R. A. Dodd, Nicholasville	L 99.00 F -	L 70 F -	Absent
0-226	Alfalfa N. S. Dudley and Son, Flemingsburg	L 99.70 F +	L 84 F +	Absent
0-231	Alfalfa Dorsey Bros. & Fisher, Carlisle	L 99.65 F -	L 84 F +	Absent
0-234	Alfalfa Norris Hardware Co., Henderson	L 99.60 F +	L 82 F +	Absent
0-238	Alfalfa Alva West & Co., Maysville	L 99.60 F +	L 89 F +	Absent
0-248	Alfalfa John A. Sheehan, Falmouth	L 99.68 F -	L 92 F +	Absent
0-253	Alfalfa J. C. Everett & Co., Maysville	L 99.65 F +	L 84 F +	Absent
0-263	Alfalfa Cline Bros., Augusta	L 99.20 F +	L 80 F -	Absent
0-281	Alfalfa J. H. & J. L. Lyon, Loretto	L 99.50 F +	L 80 F +	Absent
0-19	Alsike Clover Clinton Hatchery, Clinton	L 96.41 F +	L 90 F -	Absent
0-73	Alsike Clover Lancaster Milling Co., Lancaster	L 98.50 F -	L 90 F +	Present
0-88	Alsike Clover John A. Sheehan, Falmouth	L 75.00 F -	L 88 F 45	Present
0-97	Alsike Clover Fred Devine, Perryville	L 98.50 F +	L 80 F -	Absent
0-100	Alsike Clover H. W. Noland, Richmond	L 98.50 F 94.52	L 90 F -	Excessive

TABLE 1. Analyses of Seeds Collected by Inspectors, 1932-1934

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seed
0-122	Alsike Clover Roy H. Vice, Owingsville	L 98.00 F 95.95	L 90 F —	Absent
0-133	Alsike Clover Williamstown Roller Mills, Williamstown	L 98.85 F —	L 82 F +	Absent
0-166	Alsike Clover Dairyman's Feed & Supply Co., Mayfield	L 99.50 F —	L 86 F —	Absent
0-181	Alsike Clover Alva West & Co., Maysville	L 93.50 F +	L 86 F —	Present
0-211	Alsike Clover Estill & Thomas, Owingsville	L 94.25 F +	L 87 F —	Absent
0-213	Alsike Clover Lester Lynn, Ashland	L 98.74 F —	L 89.5 F —	Absent
0-249	Alsike Clover John A. Sheehan, Falmouth	L 82.80 F +	L 89 F —	Present
0-261	Alsike Clover Farmers & Merchants Milling Co., Brooksville	L 98.75 F +	L 86 F —	Absent
0-4	Bluegrass, Kentucky Chambers Seed Co., Louisville	L 87.88 F —	L 75 F —	Present
0-5	Bluegrass, Kentucky Chambers Seed Co., Louisville	L 87.88 F —	L 75 F —	Present
0-6	Bluegrass, Kentucky Chambers Seed Co., Louisville	L 87.88 F —	L 75 F —	Present
0-7	Bluegrass, Kentucky Chambers Seed Co., Louisville	L 87.88 F —	L 75 F —	Present
0-8	Bluegrass, Kentucky Chambers Seed Co., Louisville	L 79.34 F +	L 71 F —	Absent
0-9	Bluegrass, Kentucky Chambers Seed Co., Louisville	L 79.34 F +	L 71 F —	Absent
0-10	Bluegrass, Kentucky Chambers Seed Co., Louisville	L 79.34 F +	L 71 F —	Absent
0-11	Bluegrass, Kentucky Chambers Seed Co., Louisville	L 79.34 F +	L 71 F —	Absent
0-52	Bluegrass, Kentucky Goldstein Coal & Feed Co., Nicholasville	L 90.17 F —	L 79 F +	Absent
0-77	Bluegrass, Kentucky T. F. Durham Co., Stanford	L 80.00 F —	L 75 F —	Absent
0-112	Bluegrass, Kentucky Miller Hardware Co., Scottsville	L 90.00 F —	L 90 F —	Present
0-126	Bluegrass, Kentucky Roy H. Vice, Owingsville	L 80.00 F +	L 80 F —	Absent
0-154	Bluegrass, Kentucky J. C. Everett & Co., Maysville	L 82.00 F —	L 80 F —	Present
0-168	Bluegrass, Kentucky Farmers Supply Co., Lexington	L 85.00 F —	L 80 F —	Absent
0-180	Bluegrass, Kentucky Van Hook Hardware Co., Cynthiana	L 85.00 F +	L 80 F —	Absent

TABLE 1. Analyses of Seeds Collected by Inspectors, 1932-1934

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seed
0-185	Bluegrass, Kentucky Alva West & Co., Maysville	L 83.50 F +	L 75 F +	Absent
0-193	Bluegrass, Kentucky C. C. Crabb & Co., Eminence	L 86.22 F —	L 70 F —	Absent
0-209	Bluegrass, Kentucky Carlisle Mill & Supply Co., Carlisle	L 84.75 F —	L 80 F —	Present
0-220	Bluegrass, Kentucky G. W. Bowling & Co., Catlettsburg	L 80.00 F —	L 80 F —	Excessive
0-233	Bluegrass, Kentucky Moore Seed & Feed Co., Ashland	L 80.00 F —	L 85 F 69	Present
0-244	Bluegrass, Kentucky Alva West & Co., Maysville	L 83.50 F —	L 75 F —	Absent
0-262	Bluegrass, Kentucky Farmers & Merchants Milling Co., Brooksville	L 90.00 F —	L 75 F +	Absent
0-268	Bluegrass, Kentucky Geo. P. Taylor Co., Burnside	L 80.00 F —	L 80 F +	Absent
0-245	Cane, Orange Alva West & Co., Maysville	L 98.00 F +	L 85 F +	Absent
0-246	Cane, Red Top Alva West & Co., Maysville	L 98.00 F 96.29	L 85 F —	Absent
0-247	Cane, Amber Alva West & Co., Maysville	L 98.00 F +	L 85 F —	Absent
0-282	Cane H. D. Jones, Glasgow	L 98.00 F —	L 90 F +	Absent
0-44	Clover R. A. Dodd, Nicholasville	L 99.00 F —	L 94 F —	Present
0-48	Clover R. A. Dodd, Nicholasville	L 98.00 F +	L 94 F —	Present
0-87	Clover John A. Sheehan, Falmouth	L 82.50 F +	L 88 F —	Present
0-91	Clover Lillard Miles, Nicholasville	L 98.48 F —	L 90 F +	Present
0-151	Clover The C. T. Ashley Co., Nicholasville	L 99.77 F +	L 74 F +	Present
0-17	Crimson Clover T. J. Turley Co., Owensboro	L 98.00 F +	L 85 F +	Absent
0-217	Crimson Clover Moore Feed & Seed Store, Ashland	L 98.00 F +	L 85 F +	Absent
0-47	Clover Mixture R. A. Dodd, Nicholasville	L 99.77 F —	L 90 F —	Absent
0-102	Clover Mixture Robinson & Turley, Richmond	L 91.60 F —	L 93 F —	Absent
0-146	Clover Mixture R. A. Dodd, Nicholasville	L 90.15 F +	L 88 F —	Present
0-157	Corn J. C. Everett & Co., Maysville	L 99.00 F +	L 98 F +	Absent

TABLE 1. Analyses of Seeds Collected by Inspectors, 1932-1934

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seed
0-218	Corn G. W. Bowling & Co., Catlettsburg	L 99.00 F +	L 95 F +	Absent
0-264	Corn John A. Sheehan, Falmouth	L 99.00 F +	L 98 F +	Absent
0-265	Corn Adams & Moore, Cynthiana	L 99.00 F +	L 90 F +	Absent
0-274	Cowpeas, Mixed A. J. Adams & Co., Harrodsburg	L 98.00 F -	L 90 F -	Absent
0-57	Clover, Domestic Dorsey Bros. & Fisher, Carlisle	L 99.56 F +	L 83 F +	Present
0-219	Clover, Domestic G. W. Bowling & Co., Catlettsburg	L 99.05 F -	L 88 F +	Absent
0-46	Grass Mixture R. A. Dodd, Nicholasville	L 93.45 F -	L 78 F -	Present
0-78	Pasture Mixture W. W. Withers, Stanford	L 65.07 F +	L 89 F -	Present
0-203	Lespedeza, Kobe U-Tote-Em-Grocery Co., Murray	L 96.00 F 88.04	L 92 F -	Present
0-26	Lespedeza, Korean Lewis Implement & Seed Co., Louisville	L 98.20 F +	L 75 F +	Present
0-31	Lespedeza, Korean Lewis Implement & Seed Co., Louisville	L 98.56 F +	L 85 F +	Absent
0-39	Lespedeza, Korean Geo. C. Goode, Covington	L 97.50 F -	L 80 F +	Absent
0-60	Lespedeza, Korean G. W. Bowling & Son, Catlettsburg	L 97.50 F +	L 90 F -	Absent
0-66	Lespedeza, Korean Alva West & Co., Maysville	L 98.00 F -	L 90 F -	Absent
0-74	Lespedeza, Korean Lancaster Milling Co., Lancaster	L 98.00 F +	L 90 F -	Absent
0-76	Lespedeza, Korean Stanford Hardware Co., Stanford	L 98.50 F +	L 90 F +	Absent
0-79	Lespedeza, Korean Farmers Supply Store, Mt. Sterling	L 98.50 F +	L 92 F -	Absent
0-93	Lespedeza, Korean W. H. Brock, Winchester	L 90.00 F -	L 98 F -	Present
0-109	Lespedeza, Korean Denton Hardware Co., Madisonville	L 99.00 F +	L 78 F +	Present
0-110	Lespedeza, Korean Denton Hardware Co., Madisonville	L 98.88 F -	L 78 F +	Excessive
0-111	Lespedeza, Korean Eldred Hardware Co., Princeton	L 99.00 F +	L 90 F -	Absent
0-118	Lespedeza, Korean J. A. Bennett, Bloomfield	L 98.00 F +	L 90 F -	Absent
0-119	Lespedeza, Korean G. M. Haycraft, Leitchfield	L 99.74 F -	L 81 F -	Absent

TABLE 1. Analyses of Seeds Collected by Inspectors, 1932-1934

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seed
0-134	Lespedeza, Korean John A. Sheehan, Falmouth	L 84.33 F —	L 80 F —	Absent
0-186	Lespedeza, Korean Geo. W. Hill & Co., Covington	L 99.23 F —	L 90 F +	Absent
0-187	Lespedeza, Korean Geo. C. Goode, Covington	L 98.96 F +	L 84 F +	Absent
0-190	Lespedeza, Korean John B. Penn & Co., Georgetown	L 98.00 F +	L 90 F +	Present
0-200	Lespedeza, Korean Farmers Supply Co., White Plains	L 98.72 F —	L 90 F —	Present
0-201	Lespedeza, Korean Farmers Supply Co., White Plains	L 99.20 F —	L 90 F —	Absent
0-202	Lespedeza, Korean Watson, Princeton	L 65.00 F +	L 50 F —	Present
0-204	Lespedeza, Korean Oscar Corbin, Nebo	L 90.00 F +	L 85 F —	Present
0-205	Lespedeza, Korean Forest Corbin, Nebo	L 96.00 F 86.71	L 90 F 69	Present
0-206	Lespedeza, Korean Planters Hardware Co., Hopkinsville	L 98.00 F +	L 80 F +	Absent
0-207	Lespedeza, Korean Turner Stuart, Gracey	L 97.40 F —	L 93 F —	Present
0-208	Lespedeza, Korean Carlisle Mill & Supply Co., Carlisle	L 99.06 F —	L 76 F +	Absent
0-214	Lespedeza, Korean Lester Lynn, Ashland	L 99.00 F +	L 80 F +	Absent
0-222	Lespedeza, Korean G. W. Bowling & Co., Catlettsburg	L 97.06 F —	L 89 F —	Present
0-225	Lespedeza, Korean N. S. Dudley & Son, Flemingsburg	L 97.00 F —	L 97 F —	Present
0-228	Lespedeza, Korean J. F. Berthram, Vanceburg	L 98.02 F 85.52	L 94 F —	Absent
0-229	Lespedeza, Korean J. F. Berthram, Vanceburg	L 99.00 F —	L 73 F +	Present
0-235	Lespedeza, Korean Norris Hardware Co., Henderson	L 99.43 F —	L 90 F +	Absent
0-236	Lespedeza, Korean R. A. Dodd, Nicholasville	L 97.06 F 92.40	L 89 F —	Present
0-237	Lespedeza, Korean Goldstein Coal & Feed Co., Nicholasville	L 99.30 F +	L 90 F —	Absent
0-242	Lespedeza, Korean Alva West & Co., Maysville	L 98.70 F +	L 76 F +	Absent
0-250	Lespedeza, Korean John A. Sheehan, Falmouth	L 95.90 F —	L 80 F —	Present
0-252	Lespedeza, Korean John A. Sheehan, Falmouth	L 98.58 F —	L 85 F —	Present

TABLE 1. Analyses of Seeds Collected by Inspectors, 1932-1934

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seed
0-258	Lespedeza, Korean Youtzey Bros., Alexandria	L 97.20 F 94.14	L 88 F —	Present
0-260	Lespedeza, Korean E. M. Smith & Sons, Cynthiana	L 99.00 F +	L 80 F +	Absent
0-267	Lespedeza, Korean John A. Sheehan, Falmouth	L 95.90 F —	L 80 F —	Present
0-284	Lespedeza, Korean The C. T. Ashley Co., Nicholasville	L 95.90 F +	L 80 F +	Absent
0-150	Mammoth Clover The C. T. Ashley Co., Nicholasville	L 99.73 F —	L 84 F +	Absent
0-121	Millet, Tennessee Farmers Supply Co., Lexington	L 99.38 F +	L 95 F —	Absent
0-141	Millet Tony Bezold, Newport	L 99.05 F +	L 90 F —	Absent
0-148	Millet R. A. Dodd, Nicholasville	L 99.00 F +	L 90 F +	Absent
0-243	Millet Alva West & Co., Maysville	L 98.00 F +	L 90 F —	Absent
0-272	Millet H. T. Adams Co., Harrodsburg	L 99.50 F +	L 90 F —	Absent
0-277	Millet Gentry & McCauley, Versailles	L 99.00 F +	L 92 F —	Absent
0-278	Millet E. S. Ferrell & Sons, Buffalo	L 99.00 F +	L 80 F —	Absent
0-13	Oats Lander Hardware Co., Elizabethtown	L 98.50 F —	L 64 F —	Absent
0-15	Oats J. J. Shaver & Co., Mayfield	L 94.45 F —	L 95 F —	Absent
0-99	Oats, Burt Dodson Produce Co., Scottsville	L 96.00 F +	L 90 F +	Absent
0-115	Oats, Burt Liberty Hardware Co., Liberty	L 99.00 F +	L 92 F +	Absent
0-197	Oats U-Tote-Em-Grocery Co., Murray	L 80.00 F +	L 78 F +	Absent
0-1	Orchard Grass Lewis Implement & Seed Co., Louisville	L 69.00 F +	L 90 F +	Absent
0-2	Orchard Grass Lewis Implement & Seed Co., Louisville	L 75.00 F +	L 90 F +	Absent
0-3	Orchard Grass Lewis Implement & Seed Co., Louisville	L 75.00 F +	L 90 F +	Absent
0-24	Orchard Grass Lewis Implement & Seed Co., Louisville	L 74.26 F —	L 84 F —	Present
0-25	Orchard Grass Lewis Implement & Seed Co., Louisville	L 74.26 F —	L 84 F —	Present
0-27	Orchard Grass Lewis Implement & Seed Co., Louisville	L 83.90 F —	L 91 F —	Absent

TABLE 1. Analyses of Seeds Collected by Inspectors, 1932-1934

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germi- nation Percent	Noxious Weed Seed
0-28	Orchard Grass Lewis Implement & Seed Co., Louisville	L 80.84 F —	L 91 F —	Excessive
0-29	Orchard Grass Lewis Implement & Seed Co., Louisville	L 74.50 F +	L 91 F —	Excessive
0-30	Orchard Grass (Screenings) Lewis Implement & Seed Co., Louisville	L 70.00 F +	L 85 F +	Present
0-32	Orchard Grass Orchard Grass Seed Cooperative, Louisville	L 86.00 F +	L 92 F —	Present
0-33	Orchard Grass Orchard Grass Seed Cooperative, Louisville	L 83.85 F +	L 82 F —	Present
0-34	Orchard Grass Orchard Grass Seed Cooperative, Louisville	L 88.80 F —	L 92 F —	Present
0-35	Orchard Grass Orchard Grass Seed Cooperative, Louisville	L 86.20 F +	L 92 F +	Present
0-36	Orchard Grass Orchard Grass Seed Cooperative, Louisville	L 90.55 F +	L 92 F —	Present
0-37	Orchard Grass Orchard Grass Seed Cooperative, Louisville	L 87.70 F —	L 90 F —	Present
0-38	Orchard Grass Orchard Grass Seed Cooperative, Louisville	L 87.02 F +	L 90 F +	Present
0-51	Orchard Grass Lillard Miles, Nicholasville	L 87.34 F +	L 90 F +	Present
0-53	Orchard Grass Goldstein Coal & Feed Co., Nicholasville	L 85.00 F +	L 82 F —	Excessive
0-62	Orchard Grass G. W. Bowling & Son, Catlettsburg	L 90.00 F —	L 89 F +	Present
0-90	Orchard Grass L. F. Wellman, Louisa	L 90.00 F —	L 89 F +	Excessive
0-125	Orchard Grass Roy H. Vice, Owingsville	L 80.00 F 53.72	L 80 F —	Absent
0-135	Orchard Grass John A. Sheehan, Falmouth	L 89.80 F 73.35	L 82 F +	Present
0-138	Orchard Grass Bokhara Seed Co., Falmouth	L 70.55 F +	L 85 F +	Present
0-155	Orchard Grass J. C. Everett & Co., Maysville	L 87.00 F +	L 84 F +	Absent
0-161	Orchard Grass G. W. Stamper & Co., Vanceburg	L 86.00 F 72.34	L 88 F —	Present
0-167	Orchard Grass Farmers Supply Co., Lexington	L 85.00 F +	L 85 F —	Present
0-171	Orchard Grass J. J. Shaver & Co., Mayfield	L 80.00 F —	L 90 F +	Present
0-182	Orchard Grass Alva West & Co., Maysville	L 84.50 F 76.70	L 75 F —	Excessive
0-188	Orchard Grass Wilmore Coal & Feed Co., Wilmore	L 85.00 F +	L 85 F +	Absent

TABLE 1. Analyses of Seeds Collected by Inspectors, 1932-1934

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seed
0-191	Orchard Grass C. C. Crabb & Co., Eminence	L 86.75 F —	L 95 F —	Excessive
0-216	Orchard Grass Lester Lynn, Ashland	L 85.00 F +	L 85 F —	Present
0-230	Orchard Grass G. W. Stamper & Co., Vanceburg	L 81.00 F —	L 88 F —	Absent
0-254	Orchard Grass J. C. Everett & Co., Maysville	L 85.00 F +	L 85 F 69	Present
0-256	Orchard Grass Hess & Racke, Alexandria	L 89.15 F 62.52	L 85 F —	Excessive
0-270	Orchard Grass Geo. P. Taylor Co., Burnside	L 85.00 F —	L 85 F —	Present
0-18	Clover, Red Clinton Hatchery, Clinton	L 99.50 F +	L 90 F —	Absent
0-55	Clover, Red Goldstein Coal & Feed Co., Nicholasville	L 99.00 F +	L 75 F +	Present
0-58	Clover, Red Ratliff Bros. Co., Carlisle	L 99.50 F +	L 90 F +	Present
0-59	Clover, Red Carlisle Mill & Suppy Co., Carlisle	L 99.80 F —	L 95 F —	Present
0-65	Clover, Red J. C. Everett & Co., Maysville	L 95.36 F —	L 89 F —	Present
0-70	Clover, Red J. C. Van Arsdell Co., Lawrenceburg	L 99.50 F +	L 95 F +	Present
0-72	Clover, Red R. A. Dodd, Nicholasville	L 99.00 F —	L 94 F —	Present
0-80	Clover, Red Montgomery Feed & Supply Co., Mt. Sterling	L 99.78 F —	L 92 F +	Present
0-85	Clover, Red Woodford Spears Sons, Paris	L 99.28 F +	L 82 F +	Absent
0-89	Clover, Red J. B. Russell & Co., Maysville	L 99.60 F +	L 90 F +	Present
0-94	Clover, Red Bedford & Tuttle, Winchester	L 99.28 F —	L 90 F +	Present
0-95	Clover, Red March Feed Co., Winchester	L 99.50 F —	L 90 F +	Present
0-96	Clover, Red A. A. Clay & Son, Indian Field	L 99.50 F +	L 82 F +	Present
0-101	Clover, Red H. W. Noland, Richmond	L 94.50 F —	L 85 F +	Present
0-103	Clover, Red J. W. Purkey, Berea	L 99.50 F +	L 95 F —	Absent
0-106	Clover, Red Laurel Hardware Co., London	L 99.78 F —	L 90 F +	Present
0-107	Clover, Red Crab Orchard Lumber Co., Crab Orchard	L 99.50 F +	L 85 F +	Absent

TABLE 1. Analyses of Seeds Collected by Inspectors, 1932-1934

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seed
0-117	Clover, Red West Liberty Grocery Co., West Liberty	L 99.58 F +	L 92 F -	Present
0-137	Clover, Red John A. Sheehan, Falmouth	L 99.25 F +	L 61 F +	Absent
0-139	Clover, Red Adams & Moore, Cynthiana	L 97.16 F +	L 86 F +	Present
0-153	Clover, Red Lillard Miles, Nicholasville	L 98.48 F -	L 90 F +	Present
0-179	Clover, Red Van Hook Hardware Co., Cynthiana	L 99.82 F +	L 96 F +	Present
0-183	Clover, Red Alva West & Co., Maysville	L 97.80 F +	L 88 F +	Present
0-210	Clover, Red Estill & Thomas, Owingsville	L 99.50 F +	L 94 F +	Present
0-255	Clover, Red Hess & Racke, Alexandria	L 99.20 F -	L 90 F -	Present
0-266	Clover, Red Geo. P. Taylor Co., Burnside	L 99.50 F -	L 90 F +	Present
0-16	Redtop Clinton Hatchery, Clinton	L 94.41 F +	L 90 F +	Absent
0-23	Redtop J. J. Shaver & Co., Mayfield	L 92.67 F +	L 92 F -	Absent
0-64	Redtop Burg Kinner, Greenup	L 90.40 F -	L 95 F -	Absent
0-84	Redtop Chas. Cornwell, Rothwell	L 85.00 F +	L 90 F -	Absent
0-105	Redtop London Hardware Co., London	L 95.09 F -	L 99 F -	Present
0-108	Redtop Knox Co. Supply Co., Barbourville	L 92.00 F +	L 90 F +	Absent
0-113	Redtop Horace Emmick, Lewisport	L 92.51 F +	L 90 F -	Absent
0-149	Redtop R. A. Dodd, Nicholasville	L 92.00 F +	L 90 F +	Absent
0-160	Redtop J. F. Berthram, Vanceburg	L 91.33 F +	L 90 F -	Absent
0-162	Redtop Scott-Lassiter Hardware Co., Murray	L 94.00 F 89.54	L 90 F -	Present
0-163	Redtop Scott-Lassiter Hardware Co., Murray	L 94.45 F -	L 90 F -	Absent
0-164	Redtop Dairyman's Feed & Supply Co., Mayfield	L 94.05 F +	L 92 F -	Absent
0-169	Redtop Beaver Dam Manufacturing Co., Beaver Dam	L 95.69 F -	L 90 F -	Absent
0-173	Redtop J. T. Wallis and Son, Murray	L 92.00 F +	L 90 F +	Absent

TABLE 1. Analyses of Seeds Collected by Inspectors, 1932-1934

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seed
0-176	Redtop McElrath and Ross, Murray	L 92.00 F +	L 90 F +	Absent
0-177	Redtop U-Tote-Em-Grocery Co., Murray	L 92.10 F +	L 90 F -	Absent
0-178	Redtop Sexton Bros., Murray	L 94.00 F +	L 92 F -	Absent
0-194	Redtop Covington Bros., Mayfield	L 92.00 F +	L 90 F +	Absent
0-198	Redtop The Thos. Emerson Co., Clinton	L 94.16 F +	L 92 F +	Absent
0-199	Redtop The Thos. Emerson Co., Clinton	L 94.16 F +	L 94 F -	Absent
0-215	Redtop Lester Lynn, Ashland	L 90.00 F +	L 92 F -	Absent
0-221	Redtop G. W. Bowling & Co., Catlettsburg	L 93.00 F -	L 90 F +	Present
0-232	Redtop Stagg Bros., Vanceburg	L 82.00 F +	L 88 F -	Present
0-259	Redtop Youtzey Bros., Alexandria	L 92.00 F +	L 92 F +	Absent
0-271	Redtop Geo. P. Taylor Co., Burnside	L 92.00 F +	L 90 F -	Present
0-56	Sapling Clover Moore Feed & Seed Co., Ashland	L 99.34 F +	L 94 F +	Absent
0-61	Sapling Clover G. W. Bowling & Son, Catlettsburg	L 99.45 F +	L 90 F -	Present
0-129	Sapling Clover G. W. Bowling & Son, Catlettsburg	L 99.45 F +	L 90 F -	Absent
0-140	Soybeans Adams & Moore, Cynthiana	L 99.00 F -	L 90 F +	Absent
0-142	Soybeans Veach C. Redd, Cynthiana	L 98.00 F +	L 92 F +	Absent
0-143	Soybeans Veach C. Redd, Cynthiana	L 99.00 F -	L 92 F +	Absent
0-144	Soybeans Lexington Seed Co., Lexington	L 98.30 F +	L 90 F -	Absent
0-240	Soybeans Alva West & Co., Maysville	L 98.00 F +	L 95 F +	Absent
0-273	Soybeans H. T. Adams Co., Harrodsburg	L 98.00 F -	L 90 F +	Absent
0-275	Soybeans Skaggs & Carver, Horse Cave	L 98.00 F -	L 90 F +	Absent
0-276	Soybeans Farmers Union Supply Co., Versailles	L 98.00 F +	L 90 F +	Absent
0-279	Soybeans G. H. Bowles & Co., Glasgow	L 98.00 F +	L 90 F +	Absent

TABLE 1. Analyses of Seeds Collected by Inspectors, 1932-1934

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seed
0-280	Soybeans J. H. & J. L. Lyons, Loretto	L 98.00 F —	L 90 F +	Absent
0-283	Soybeans John A. Sheehan, Falmouth	L 98.00 F +	L 92 F +	Absent
0-43	Sweet Clover R. A. Dodd, Nicholasville	L 99.25 F +	L 82 F +	Absent
0-50	Sweet Clover Lillard Miles, Nicholasville	L 99.40 F +	L 90 F —	Absent
0-147	Sweet Clover R. A. Dodd, Nicholasville	L 99.15 F +	L 82 F 55	Absent
0-224	Sweet Clover The Pieratt Co., Mt. Sterling	L 99.30 F +	L 83 F —	Absent
0-41	Sweet Clover, White Geo. W. Hill & Co., Covington	L 98.58 F +	L 76 F +	Absent
0-152	Sweet Clover, White Lillard Miles, Nicholasville	L 99.40 F —	L 90 F —	Present
0-212	Sweet Clover, White Estill & Thomas, Owingsville	L 99.50 F +	L 89 F —	Absent
0-136	Sweet Clover, Yellow John A. Sheehan, Falmouth	L 99.00 F —	L 85 F +	Absent
0-257	Sweet Clover, Yellow Youtzey Bros., Alexandria	L 98.40 F +	L 71 F +	Absent
0-156	Sudan Grass J. C. Everett & Co., Maysville	L 98.35 F +	L 85 F —	Absent
0-239	Sudan Grass Alva West & Co., Maysville	L 96.00 F +	L 80 F +	Absent
0-14	Timothy Norris Hardware Co., Henderson	L 99.17 F +	L 90 F +	Excessive
0-20	Timothy Vallandingham & Fortner, Owenton	L 99.50 F +	L 93 F —	Absent
0-21	Timothy Vallandingham & Fortner, Owenton	L 99.00 F +	L 90 F +	Excessive
0-22	Timothy Geo. P. Taylor Co., Burnside	L 99.50 F +	L 95 F —	Absent
0-41	Timothy Geo. W. Hill & Co., Covington	L 99.35 F +	L 95 F +	Absent
0-42	Timothy Walton & Readmour, Walton	L 99.60 F —	L 95 F —	Present
0-54	Timothy Goldstein Coal & Feed Co., Nicholasville	L 99.60 F +	L 94 F +	Absent
0-63	Timothy N. S. Dudley & Son, Flemingsburg	L 99.60 F —	L 94 F —	Absent
0-67	Timothy J. B. Russell Co., Maysville	L 99.60 F +	L 94 F +	Present
0-68	Timothy J. C. Everett & Co., Maysville	L 99.70 F +	L 93 F —	Absent

TABLE 1. Analyses of Seeds Collected by Inspectors, 1932-1934

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seed
0-71	Timothy M. Wolff & Son, Louisville	L 97.00 F —	L 93 F —	Excessive
0-81	Timothy W. H. Pieratt & Co., Mt. Sterling	L 99.60 F +	L 94 F +	Present
0-82	Timothy Monarch Milling Co., Mt. Sterling	L 97.69 F +	L 90 F +	Absent
0-83	Timothy Kentucky Wholesale Co., Pikeville	L 99.00 F +	L 92 F +	Absent
0-86	Timothy Cincinnati Hay & Grain Co., Covington	L 96.40 F —	L 89 F +	Absent
0-92	Timothy Wilmore Coal, Feed & Seed Co., Wilmore	L 99.50 F +	L 95 F +	Present
0-104	Timothy A. B. Cornett & Son, Berea	L 99.00 F +	L 90 F +	Present
0-114	Timothy H. T. Adams, Harrodsburg	L 99.90 F —	L 90 F +	Present
0-116	Timothy Chester Tanner, Florence	L 99.60 F —	L 94 F +	Present
0-124	Timothy Roy H. Vice, Owingsville	L 99.60 F +	L 95 F +	Absent
0-127	Timothy Walter Young Coal Co., Owingsville	L 94.00 F +	L 93 F —	Absent
0-130	Timothy G. W. Bowling & Co., Catlettsburg	L 99.60 F +	L 93 F +	Absent
0-132	Timothy Williamstown Roller Mills, Williamstown	L 99.60 F —	L 95 F —	Absent
0-158	Timothy J. C. Everett & Co., Maysville	L 98.30 F +	L 93 F —	Present
0-159	Timothy Stagg Bros., Vanceburg	L 99.60 F +	L 92 F —	Absent
0-165	Timothy Dairyman's Feed & Supply Co., Mayfield	L 99.50 F +	L 95 F —	Absent
0-170	Timothy Beaver Dam Manufacturing Co., Beaver Dam	L 99.65 F +	L 90 F —	Absent
0-172	Timothy J. T. Wallis & Son, Murray	L 98.00 F —	L 90 F —	Excessive
0-174	Timothy McElrath & Ross, Murray	L 99.69 F —	L 92 F +	Excessive
0-175	Timothy A. B. Beale & Son, Murray	L 98.00 F —	L 95 F —	Excessive
0-184	Timothy Alva West & Co., Maysville	L 99.50 F —	L 92 F +	Present
0-189	Timothy Morgan & Crenshaw, Georgetown	L 99.50 F —	L 95 F —	Present
0-192	Timothy C. C. Crabb & Co., Eminence	L 99.12 F —	L 94 F —	Excessive

TABLE 1. Analyses of Seeds Collected by Inspectors, 1932-1934

Lab. No.	Kind of Seed Name and Address of Dealer	Purity Percent	Germination Percent	Noxious Weed Seed
0-195	Timothy Covington Bros., Mayfield	L 95.00 F +	L 90 F +	Present
0-223	Timothy W. H. Pieratt & Co., Mt. Sterling	L 99.50 F +	L 92 F —	Absent
0-227	Timothy N. S. Dudley & Son, Flemingsburg	L 99.50 F +	L 95 F —	Absent
0-241	Timothy Alva West & Co., Maysville	L 99.50 F +	L 97 F 71	Present
0-251	Timothy John A. Sheenhan, Falmouth	L 98.25 F +	L 93 F —	Present
0-269	Timothy Geo. P. Taylor Co., Burnside	L 99.50 F +	L 94 F —	Absent

TABLE 2. Summary of Violations Detected.

Kind of Seed	Number of Samples	Violations found in:			Total Samples Unlawful
		Purity	Germination	Noxious Weeds	
Alfalfa	18	1	1	0	2
Alsike Clover	13	2	1	1	3
Bluegrass	23	0	1	1	2
Cane	4	1	0	0	1
Clover	5	0	0	0	0
Crimson Clover	2	0	0	0	0
Clover Mixture	3	0	0	0	0
Corn	4	0	0	0	0
Cowpeas	1	0	0	0	0
Domestic Clover	2	0	0	0	0
Grass Mixture	2	0	0	0	0
Lespedeza	42	5	1	1	6
Mammoth Clover	1	0	0	0	0
Millet	7	0	0	0	0
Oats	5	0	0	0	0
Orchard Grass	35	5	1	7	11
Red Clover	26	0	0	0	0
Redtop	25	1	0	0	0
Sapling Clover	3	0	0	0	0
Soybeans	11	0	0	0	0
Sweet Clover	9	0	1	0	1
Sudan Grass	2	0	0	0	0
Timothy	39	0	1	7	8
Total	282	15	7	17	34

Since the worth of a given lot of seed can be determined only by test, it is most important that farmers and others make their purchases of seeds on the basis of the information given on the tag. In no other way can one know such important things as the weed seed content, purity and germination of a given lot of seed. The tag represents the seedsman's guarantee and it is upon the basis of these representations that prosecutions are conducted.