

Seed Inspection in Kentucky, 1947-48

by the

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**Kentucky Agricultural Experiment Station
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SEED INSPECTION IN KENTUCKY, 1947-48

The work of inspection, education and administration has been carried out under the provisions of the Kentucky Seed Law with increasingly satisfactory results. The co-operation of farmers and seedsmen has been excellent, and the trend toward the use of better seed continues.

During the sixteenth year of the operation of the Seed Law, May 1, 1947, to April 30, 1948, 7013 lots of seed were inspected and 658 official samples taken. Enforcement officials passed upon all violations and irregularities.

EXPLANATION OF TABLES

The following tables showing the results of analysis are based on the number of official samples actually taken and have no reference to the total number of lots inspected. Table 1 shows the percentages of purity and germination stated on the tags and the percentages found, a statement of excessive amount of noxious weed seeds when present, irregularities in tags, and absence of tags. The variations allowed in purity, germination, and weed seed per ounce are described on page 21, U. S. D. A. Service and Regulatory Announcements, No. 156, Rules and Regulations Under The Federal Seed Act, Reissued February, 1946; paragraphs 201.59, 201.60, 201.61. Results within the allowed variation are marked with "+" if above, or "-" if below statement on the official tag.

Variations greater than those allowed constitute violations of the Kentucky Seed Law, and such results are printed in bold-face type. In the table, "L" means listed on the tag and "F" means found in our test. The long dotted line means "not listed."

Table 2 applies to Fescue only and shows names and addresses of producers. Other information concerning samples is the same as shown in Table 1.

Table 3 shows violations found in samples classified according to wholesale dealers from whom they were purchased.

Table 4 contains a summary to show the kind and number of violations detected.

Table 5 tabulates, for comparison, the work for the past ten years. Averages by three year periods show trends of different types of violations.

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
Alfalfa					
0-6940	Okla. App. 5696 Tru Val Farmers Supply Co., Henderson	Purcell Seed Co., Evansville, Ind.	L 99.50 F +	L 65+27 F +	
0-6958	Kan. C 501 Farmers Supply Co., Danville	The Livingston Seed Co., Cincinnati, Ohio	L 99.52 F -	L 80+8 F +	
0-6962	Okla. App. C 502 Farmers Supply Co., Danville	The Livingston Seed Co., Cincinnati, Ohio	L 99.66 F -	L 78+12 F +	
0-6975	Kan. 219 Red Bird Garrard Mills, Lancaster	Lewis Seed Co., Louisville, Ky.	L 99.26 F +	L 68+23 F +	
0-6981	Okla. F-655 Anderson Ice Co., Lawrenceburg	Louisville Seed Co., Louisville, Ky.	L 99.50 F +	L 90+5 F -	
0-7025	Kan. F 656 Corbett Hdw. Co., Elizabethtown	Louisville Seed Co., Louisville, Ky.	L 99.25 F +	L 85+10 F -	
0-7039	Okla. F-80 Mayes & Helm, Perryville	Bert Finzer Seed Co., Louisville, Ky.	L 99.25 F -	L 80+10 F +	
0-7049	Kan. Grigsby & Co., Bardstown	Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 80+10 F -	
0-7050	Kan. Grimm Grigsby & Co., Bardstown	Ross Seed Co., Louisville, Ky.	L 99.30 F +	L 78+10 F +	
0-7064	Okla. 9334 Wood & Brown, Williamstown	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.50 F +	L 66+26 F +	
0-7067	Wood & Brown, Williamstown	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99.21 F +	L 75+16 F +	
0-7123	Kan. 850 Duncan & Theiss, La Grange	Scott Seed Co., New Albany, Ind.	L 99.50 F +	L 70+20 F -	
0-7131	Kan. 850 J. B. Smith, Albany	Scott Seed Co., New Albany, Ind.	L 99.25 F +	L 70+20 F -	
0-7150	Kan. Grimm 10 Willoughby Supply Co., Richmond	Sphar & Co., Winchester, Ky.	L 99.25 F +	L 70+20 F -	
0-7180	Com. C-802 The T. J. Turley Co., Owensboro	Corneli Seed Co., St. Louis, Mo.	L 99.58 F +	L 80+10 F +	
0-7187	Kan. Com. 219 Porter-Leach Hdw. Co., Hartford	Lewis Seed Co., Louisville, Ky.	L 99.26 F +	L 65+26 F +	
0-7206	App. Dowell's Market, Liberty	Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 80+10 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-7208	Kan. Com: Dowell's Market, Liberty	Ross Seed Co., Louisville, Ky.	L 99.50 F —	L 80+10 F —	
0-7252	A-1357 Farmers Exchange, Burkesville	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99.47 F —	L 69+22 F +	
Bluegrass					
0-6643	K 71 Harralson Seed Co., Owensboro	J. M. Schultz Seed Co., Dieterich, Ill.	L 85 F —	L not complete F 83	
0-6646	9-47 Dairyman's Feed & Supply Co., Mayfield	Cornell Seed Co., St. Louis, Mo.	L 85 F +	L 80 F —	
0-6647	Farmers Supply Co., Harrodsburg	Ross Seed Co., Louisville, Ky.	L 85 F +	L 80 F +	
0-6660	Farmers Supply Co., Harrodsburg	Ross Seed Co., Louisville, Ky.	L 85 F +	L 80 F +	
0-6662	B-80 J. H. McClure & Sons, Springfield	Louisville Seed Co., Louisville, Ky.	L 90 F —	L not complete F 71	
0-6664	F-190 Mayes & Helm, Perryville	Bert Finzer Seed Co., Louisville, Ky.	L 85 F +	L 80 F +	
0-6677	F-189 Henry Durham Greensburg	Bert Finzer Seed Co., Louisville, Ky.	L 85 F —	L 80 F —	
0-6693	Dodd's Corner, Nicholasville	Sphar & Co., Winchester, Ky.	L 85 F —	L 80 F —	
0-6903	C 1308 Peck's Farmers Supply Co., Sharpsburg	The Livingston Seed Co., Cincinnati, Ohio	L 86.50 F —	L 80 F +	
0-6935	K-78 Norris Hdw. & Seed Co., Henderson	J. M. Schultz Seed Co., Dieterich, Ill.	L 85 F —	L 80 F +	
0-6963	B-82 Farmers Supply Co., Danville	Louisville Seed Co., Louisville, Ky.	L 89.50 F —	L 85 F 56	
0-6976	Garrard Mills, Lancaster	Sphar & Co., Winchester, Ky.	L 85 F —	L 80 F +	
0-6980	1424 Anderson Ice Co., Lawrenceburg	National Seed Co., Louisville, Ky.	L 85 F —	L 80 F +	
0-6985	47-2 Woodford Feed Co., Versailles	Woodford Feed Co., Versailles, Ky.	L 85 F —	L 80 F +	
0-6986	Woodford Feed Co., Versailles	Woodford Feed Co., Versailles, Ky.	L 85 F +	L 85 F +	
0-6989	M 2 Gentry McCauley Seed Co., Versailles	James S. Wilson, Paris, Ky.	L 86 F —	L 80 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-7033	B-80 J. H. McClure & Son, Springfield	Louisville Seed Co., Louisville, Ky.	L 80 F +	L not complete F 78	
0-7057	F-189 Henry Durham, Greensburg	Bert Finzer Seed Co., Louisville, Ky.	L 85 F +	L 80 F -	
0-7066	2005 Wood & Brown, Williamstown	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 85 F -	L 80 F -	
0-7081	B-17820 Morgan & Crenshaw, Georgetown	Morgan & Crenshaw, Georgetown, Ky.	L 87.34 F -	L 90 F +	
0-7086	F-192 Farmers Feed Market, Bowling Green	Bert Finzer Seed Co., Louisville, Ky.	L 85 F -	L 80 F -	
0-7090	C-176 National Farm Stores, Cave City	E. K. Hardison Seed Co., Nashville, Tenn.	L 85.29 F +	L 80 F +	
0-7120	F 196 C. L. Jewell & Sons, Louisville	Bert Finzer Seed Co., Louisville, Ky.	L 85 F +	L 80 F -	Excessive
0-7141	47-10 Robinson & Turley, Richmond	Sphar & Co., Winchester, Ky.	L 85 F +	L 80 F -	
0-7190	Porter-Leach Hdw. Co., Hartford	Harralson Seed Co., Owensboro, Ky.	L 85 F 76.01	L 75 F -	
0-7229	Farmers Supply Co., Lexington	Fayette Seed Co., Lexington, Ky.	L 88.37 F -	L 85 F -	
Brome Grass					
0-6907	3277 Monarch Milling Co., Mt. Sterling	Ross Seed Co., Louisville, Ky.	L 83.25 F 74.81	L 90 F -	
0-6931	Cert. Lincoln 461 Henderson Hybrid Seed Corn Coop., Henderson	Scott Farm Seed Co., Mechanicsburg, Ohio	L 93.60 F +	L 94 F +	
0-7214	Farmers Supply Co., Danville	Ross Seed Co., Louisville, Ky.	L 94 F -	L 90 F -	
Alsike Clover					
0-6937	5872 Farmers Supply Co., Henderson	Purcell Seed Co., Evansville, Ind.	L 99 F +	L 74+21 F +	
0-6961	1834 Farmers Supply Co., Danville	Scott Seed Co., New Albany, Ind.	L 99 F +	L 65+25 F +	
0-6982	1707 Anderson Ice Co., Lawrenceburg	National Seed Co., Louisville, Ky.	L 95.37 F +	L 80+10 F +	
0-7031	Man O-War Brand F. J. H. McClure & Son, Springfield	Bert Finzer Seed Co., Louisville, Ky.	L 99 F +	L 90 F -	
0-7071	1707 Morgan & Crenshaw, Georgetown	National Seed Co., Louisville, Ky.	L 95.37 F -	L 80+10 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-7073_701	Wood & Brown, Williamstown	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 98 F +	L 78+12 F +	
0-7189_5872	Porter-Leach Hdw. Co., Hartford	Purcell Seed Co., Evansville, Ind.	L 99 F +	L 74+21 F —	
0-7210_1834	Farmers Supply Co., Danville	Scott Seed Co., New Albany, Ind.	L 99 F +	L 65+25 F +	
Red Clover					
0-6893_S. Ross Market, Campton		Ross Seed Co., Louisville, Ky.	L 99.25 F +	L 80+10 F +	
0-6900_1048	Peck's Farmers Supply Co., Sharpsburg	National Seed Co., Louisville, Ky.	L 99.77 F —	L 70+20 F +	Excessive
0-6904_1053	Peck's Farmers Supply Co., Sharpsburg	National Seed Co., Louisville, Ky.	L 96.24 F —	L 90 F —	
0-6906_Red Clover Mixture 406 Monarch Milling Co., Mt. Sterling		Ross Seed Co., Louisville, Ky.	L 67 F —	L 90 F —	Excessive
0-6922_10	L. C. McLoney & Sons, Cynthiana	L. C. McLoney & Sons, Cynthiana, Ky.	L 99.67 F —	L 82+6 F +	
0-6923_14	L. C. McLoney & Sons, Cynthiana	L. C. McLoney & Sons, Cynthiana, Ky.	L 95.33 F 75.95*	L 65+18 F +	Excessive
0-6960_558	Farmers Supply Co., Danville	Scott Seed Co., New Albany, Ind.	L 99.50 F —	L 80+10 F +	
0-6969_1054	Farmers Supply Co., Harrodsburg	National Seed Co., Louisville, Ky.	L 99 F +	L 70+20 F +	
0-7044_F	Hoskins Store Campbellsville	Bert Finzer Seed Co., Louisville, Ky.	L 99.25 F +	L 90 F —	
0-7063_3093	Wood & Brown, Williamstown	The Market Gardener's Seed Co., Cincinnati, Ohio	L 90 F +	L 75+12 F +	
0-7074_506	Wood & Brown, Williamstown	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99.25 F —	L 75+15 F +	Excessive
0-7100_Maybell Thompson Whlse. Co., Booneville		Ross Seed Co., Louisville, Ky.	L 99.40 F +	L 80+10 F +	
0-7142_Robinson & Turley, Richmond		Sphar & Co., Winchester, Ky.	L 99.50 F +	L 80+10 F +	
0-7166_U 25 T. H. Cochran & Co., Marion		Young & Conway, Morganfield, Ky.	L 99.65 F +	L 78+12 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-7185_5419	Porter-Leach Hdw. Co., Hartford	Purcell Seed Co., Evansville, Ind.	L 99.52 F —	L 82+8 F —	
0-7228_S	Fayette Seed Co., Lexington	G. M. Taylor Seed Co., Georgetown, Ky.	L 99.41 F +	L 88+7 F —	
0-7232_Ky.	Fayette Seed Co., Lexington	Ross Seed Co., Louisville, Ky.	L 99.40 F +	L 80+10 F +	
Sweet Clover					
0-6688	Yellow Blossom Enid G. M. Haycraft & Son, Leitchfield	Bert Finzer Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F 25+72	
0-6717	White Blossom S-236 Union Groc. Co., Morehead	Louisville Seed Co., Louisville, Ky.	L 99.50 F +	L 60+30 F 17+29	
0-6941	Yellow Blossom 5970 Farmers Supply Co., Henderson	Purcell Seed Co., Evansville, Ind.	L 99.40 F —	L 82+6 F +	
0-6942_3-31	Farmers Supply Co., Henderson	Young & Conway, Morganfield, Ky.	L 99.40 F +	L 63+22 F +	
0-7048	Yellow Blossom Grigsby & Co., Bardstown	Ross Seed Co., Louisville, Ky.	L 99 F +	L 61+24 F —	
0-7051	Standard Grigsby & Co., Bardstown	Ross Seed Co., Louisville, Ky.	L 99.35 F +	L 59+35 F —	
0-7091	Yellow Blossom 5970 Tru Val Bale Hdw. & Impl. Co., Horse Cave	Purcell Seed Co., Evansville, Ind.	L 99.40 F +	L 82+6 F —	
0-7181	Yellow Blossom 5659 The T. J. Turley Co., Owensboro	Purcell Seed Co., Evansville, Ind.	L 99.50 F +	L 60+30 F +	
0-7201	White Blossom 197 Ross Seed Co., Louisville	Childress-Jeffrey, Wagoner, Okla.	L 99.87 F —	L 82+3 F —	
White Clover					
0-7037	Ladino B-29 Southern States Coop., Lebanon	Central States Seed Service, Lima, Ohio	L 99 F +	L 75+15 F +	
0-7164	White Dutch 155 T. H. Cochran & Co., Marion	Young & Conway, Morganfield, Ky.	L 98.08 F +	L 58+32 F +	
0-7170	Ladino Guenther Hdw. Co., Owensboro	Unknown	L 99.09 F —	L 55+41 F +	Excessive
0-7264	White Dutch 1534 Morris Bros., Somerset	The Livingston Seed Co., Cincinnati, Ohio	L 97.90 F +	L 88+5 F +	
Corn					
0-6843_Ky. 203	Sam Nahm & Co., Bowling Green	Stull Bros., Sebree, Ky.	L 99 F +	L 90 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-7136	U. S. 13 Seal 36113 Madison Farmers Supply, Richmond	Ross Seed Co., Louisville, Ky.	L 99.27 F +	L 90 F +	
0-7137	Ky. 102 Seal 48977 Madison Farmers Supply, Richmond	Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +	
0-7138	Ky. 103 Seal 34823 Madison Farmers Supply, Richmond	Ross Seed Co., Louisville, Ky.	L 99.26 F +	L 90 F +	
0-7144	Hickory King H-837 Harlan Fruit Co., Harlan	Louisville Seed Co., Louisville, Ky.	L 99 F +	L 90 F -	
0-7163	Mo. 3136 T. H. Cochran & Co., Marion	C. F. McMullen Estate, Sikeston, Mo.	L 99.90 F +	L 96 F -	
0-7175	Trucker's Favorite 5137 Guenther Hdw. Co., Owensboro	Corneli Seed Co., St. Louis, Mo.	L 99 F +	L 79 F +	
0-7177	Early Adams 2677 Guenther Hdw. Co., Owensboro	Corneli Seed Co., St. Louis, Mo.	L 99 F +	L 75 F +	
0-7178	Stowell's Evergreen 1276 Guenther Hdw. Co., Owensboro	Corneli Seed Co., St. Louis, Mo.	L 99 F +	L 85 F +	
0-7183	Hickory King 103-2 The T. J. Turley Co., Owensboro	Corneli Seed Co., St. Louis, Mo.	L 98 F +	L 90 F -	
0-7184	White 750 The T. J. Turley Co., Owensboro	Shelby Wright and Son, Rockport, Ind.	L 99 F +	L 95 F +	
0-7193	Adams Porter-Leach Hdw. Co., Hartford	The Heldt-Monroe Co., Evansville, Ind.	L - F -	L 73 F -	
0-7217	U. S. 13 Farmers Supply Co., Danville	Will Rogers, Danville, Ky.	L 99.90 F -	L 90 F +	
0-7218	Boone Co. White 67 Farmers Supply Co., Danville	National Seed Co., Louisville, Ky.	L 98 F +	L 90 F +	
0-7219	Hickory King M 833 Farmers Supply Co., Danville	Louisville Seed Co., Louisville, Ky.	L 99.66 F +	L 96 F -	
0-7220	Johnson County White 69 Farmers Supply Co., Danville	National Seed Co., Louisville, Ky.	L 98 F +	L 90 F -	
0-7221	Reid's Yellow Dent 68 Farmers Supply Co., Danville	National Seed Co., Louisville, Ky.	L 98 F +	L 90 F +	
0-7222	Ky. 103 Farmers Supply Co., Danville	Will Rogers, Danville, Ky.	L 99 F +	L 90 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-7223	U. S. 13 Liberty Hdw. Co., Liberty	Stull Bros., Sebree, Ky.	L 99 F +	L 90 F +	
0-7225	Ky. 103 Liberty Hdw. Co., Liberty	Stull Bros., Sebree, Ky.	L 99 F +	L 90 F +	
0-7236	Golden Bantam Hybrid Farmers Supply Co., Lexington	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 98 F +	L 80 F +	
0-7237	Southern Prolific Fayette Seed Co., Lexington	Ross Seed Co., Louisville, Ky.	L 99 F +	L 90 F +	
0-7238	Stowell's Evergreen Farmers Supply Co., Lexington	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 98 F +	L 80 F +	
0-7240	U. S. 13 Fayette Seed Co., Lexington	Prewitt & Rankin, Lexington, Ky.	L — F —	L 96 F —	
0-7241	Ky. 103 Fayette Seed Co., Lexington	Ross Seed Co., Louisville, Ky.	L 99.26 F +	L 90 F +	
0-7242	Ky. 103 Fayette Seed Co., Lexington	Prewitt and Rankin, Lexington, Ky.	L — F —	L 93 F +	
0-7243	Country Gentlemen Farmers Supply Co., Lexington	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 98 F +	L 80 F —	
0-7245	Ky. 103 Farmers Supply Co., Lexington	S. J. Stokes and Son, Lexington, Ky.	L 99 F +	L 90 F +	
0-7246	G 711 J. H. Tate and Co., Monticello	Farmers Elevator Co., Franklin, Ky.	L 99 F +	L 90 F +	
0-7247	U. S. 13 J. H. Tate and Co., Monticello	Ross Seed Co., Louisville, Ky.	L 99 F +	L 90 F +	
0-7248	Ky. 103 J. H. Tate and Co., Monticello	J. R. Winfrey, Monticello, Ky.	L 98 F +	L 90 F +	
0-7249	Ky. 203 Correll and Johnson, Monticello	Stull Bros., Sebree, Ky.	L 99 F +	L 90 F +	
0-7250	U. S. 13 Correll and Johnson, Monticello	Stull Bros., Sebree, Ky.	L 99 F +	L 90 F +	
0-7251	U. S. 13 27R4M-1 Farmers Exchange, Burkesville	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99.50 F +	L 96 F —	
0-7253	Ky. 72 B J. C. Cook, Tompkinsville	Simpson County Seed Coop., Franklin, Ky.	L 99 F +	L 90 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-7254	Ky. 203 J. C. Cook, Tompkinsville	Simpson County Seed Coop., Franklin, Ky.	L 99 F +	L 90 F -	
0-7255	Ky. 103 2601 M Southern States Coop., Glasgow	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99.50 F +	L 90 F +	
0-7256	U. S. 13 27 AYM-1 Southern States Coop., Glasgow	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99.50 F +	L 96 F -	
0-7258	Ky. 102 26 B 50 Farmers Supply Co., Monticello	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99.50 F +	L 90 F +	
0-7259	Ky. 203 Farmers Supply Co., Monticello	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99 F +	L 95 F +	
0-7261	Neals Paymaster Ramsey Supply Store, Somerset	George P. Taylor Co., Burnside, Ky.	L 97 F +	L 90 F -	
0-7262	G. 711 Ramsey Supply Store, Somerset	Farmers Elevator Co., Franklin, Ky.	L 99 F +	L 90 F -	
0-7263	Ky. 103 L Morris Bros., Somerset	Smith Broadbent, Cobb, Ky.	L 99.60 F +	L 94 F +	
0-7265	Ky. 69 L Morris Bros., Somerset	Smith Broadbent, Cobb, Ky.	L 99.60 F +	L 96 F -	
0-7266	Ky. 203 L Morris Bros., Somerset	Smith Broadbent, Cobb, Ky.	L 99.60 F +	L 96 F +	
0-7267	Ky. 69 L Morris Bros., Somerset	Smith Broadbent, Cobb, Ky.	L 99.60 F +	L 96 F +	
0-7268	Ky. 203 Richardson Hdw. Co., Glasgow	Dixie Stock Farms, Lancaster, Ky.	L --- F ---	L 90 F +	
0-7269	Ky. 103 Richardson Hdw. Co., Glasgow	Dixie Stock Farms, Lancaster, Ky.	L --- F ---	L 90 F +	
0-7270	Hickory King Richardson Hdw. Co., Glasgow	Green Bros., Nashville, Tenn.	L 98.21 F +	L 93 F -	
0-7271	Ky. 103 Correll and Johnson, Monticello	Stull Bros., Sebree, Ky.	L 99 F +	L 90 F +	
0-7277	Iowa Silvermine Lexington Seed Co., Lexington	Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 95 F 78	
0-7278	Tenn. Red Cob Lexington Seed Co., Lexington	Unknown	L 98.50 F +	L 90 F 78	
0-7279	Southern Prolific Lexington Seed Co., Lexington	Ross Seed Co., Louisville, Ky.	L 99 F +	L 90 F -	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-7280	Reid's Yellow Dent Lexington Seed Co., Lexington	Ross Seed Co., Louisville, Ky.	L 99 F +	L 90 F -	
0-7281	Boone County White Lexington Seed Co., Lexington	Ross Seed Co., Louisville, Ky.	L 99 F +	L 90 F +	
0-7282	U. S. 13 Lexington Seed Co., Lexington	S. J. Stokes and Son, Lexington, Ky.	L 98 F +	L 90 F +	
0-7283	Johnson County White Lexington Seed Co., Lexington	Ross Seed Co., Louisville, Ky.	L 99 F +	L 90 F -	
Fescue					
0-6628	Ky. 31 6 John McMillan Brown, Glendale	Arvin Bros., Pembroke, Ky.	L 93.41 F -	L 90 F +	
0-6629	Ky. 31 John McMillan Brown, Glendale	H. P. Smith, Hodgenville, Ky.	L 98.81 F -	L 91 F -	
0-6630	Ky. 31 6 Walter L. Steffey, Glasgow	Arvin Bros., Pembroke, Ky.	L 93.41 F 72.20*	L 90 F 80	
0-6669	Ky. 31 4 Bales Hdw. & Impl. Co., Horse Cave	W. G. Duncan III, Hopkinsville, Ky.	L 97.87 F 94.01	L 91 F +	
0-6672	Ky. 31 657 Woodson Turner, Greensburg	C. M. Wade, Elizabethtown, Ky.	L 81.11 F +	L 95 F 87	
0-6673	Ky. 31 4 C. R. Hutchison & Sons, Columbia	Ross Seed Co., Louisville, Ky.	L 97.87 F -	L - F 99	
0-6674	Ky. 31 4297 C. R. Hutchison & Sons, Columbia	Scott Seed Co., New Albany, Ind.	L 98.50 F +	L 95 F -	
0-6675	Ky. 31 1 Southern States Coop., Glasgow	Ben R. Bond, Lawrenceburg, Ky.	L 95 F +	L 89 F +	
0-6678	Ky. 31 3271 Richardson Bros., Russell Springs	Ross Seed Co., Louisville, Ky.	L 96.30 F +	L 83 F +	
0-6722	Ky. 31 230-4 Hughes Goodman, Hardinsburg	E. L. Morton, Trenton, Ky.	L 99.78 F -	L 85 F -	
0-6727	Ky. 31 1 Fox Hardware Co., Madisonville	B. Fitzgerald, Madisonville, Ky.	L 97.26 F -	L 63 F -	
0-6730	Ky. 31 Roy D. Taylor, Crutchfield	Roy D. Taylor, Crutchfield, Ky.	L 95.79 F 92.59	L 91 F +	
0-6791	Ky. 31 Box 588 Field 2 L. G. Byars, Bowling Green	G. Ed Crouch, Trenton, Ky.	L 97.93 F -	L 99 F 92	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-6795	Ky. 31 Mrs. Roy Neeley, Banner Seed Co., Russellville	Mrs. Roy Neeley,	L 87.65 F —*	L 91 F —	Excessive
0-6803	Ky. 31 7 McGehee & Roberts, Hickman	Arvin Bros., Pembroke, Ky.	L 99.50 F —	L 85 F +	
0-6840	Ky. 31 1 Rowan Farmers Supply, Morehead	Ben R. Bond, Lawrenceburg, Ky.	L 95 F +	L 89 F +	
0-6936	Alta 5700 Farmers Supply Co., Henderson	Purcell Seed Co., Evansville, Ind.	L 98 F +	L 90 F —	
0-7047	Ky. 31 CKB Jewell & Haydon, Bardstown	Simpson County Seed Coop., Franklin, Ky.	L 95.59 F —	L 95 F —	
0-7052	Ky. 31 4 Grigsby & Co., Bardstown	Ross Seed Co., Louisville, Ky.	L 97.87 F 94.16	L — F 88	
0-7118	Ky. 31 Re 2 Southern States Coop., Leitchfield	Simpson County Seed Coop., Franklin, Ky.	L 97.24 F —	L 95 F +	
0-7182	Alta H—802 The T. J. Turley Co., Owensboro	Louisville Seed Co., Louisville, Ky.	L 97.50 F +	L 90 F +	
0-7209	Ky. 31 Dowell's Market, Liberty	Ross Seed Co., Louisville, Ky.	L 99 F —	L 90 F +	
0-7215	Ky. 31 Farmers Supply Co., Danville	Bunton Seed Co., Louisville, Ky.	L 99 F +	L 95 F —	
Korean Lespedeza					
0-6892	S. Rose Market, Campton	Sphar & Co., Winchester, Ky.	L 99 F +	L 80+10 F +	
0-6901	66-2 Peck's Farmers Supply, Sharpsburg	National Seed Co., Louisville, Ky.	L 97.50 F —	L 60+25 F +	
0-6905	3016 Monarch Milling Co., Mt. Sterling	Scott Seed Co., New Albany, Ind.	L 95.60 F —	L 70+15 F +	
0-6924	Z-279 L. C. McLoney & Sons, Cynthiana	Louisville Seed Co., Louisville, Ky.	L 99.66 F —	L 80+15 F —	
0-6925	3 L. C. McLoney & Sons, Cynthiana	L. C. McLoney & Sons, Cynthiana, Ky.	L 99.25 F +	L 46+46 F +	
0-6926	Z-282 L. C. McLoney & Sons, Cynthiana	Louisville Seed Co., Louisville, Ky.	L 99.36 F +	L 70+20 F +	
0-6933	BE Norris Hdw. & Seed Co., Henderson	Young & Conway, Morganfield, Ky.	L 98 F +	L 61+25 F —	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-6939	UNCO Farmers Supply Co., Henderson	Young & Conway, Morganfield, Ky.	L 99 F +	L 80+5 F +	
0-6947	423 Bullock & Bullock, Mt. Vernon	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99.40 F -	L 77+15 F +	
0-6949	J. W. Davidson, Science Hill	Ross Seed Co., Louisville, Ky.	L 98 F +	L 70+20 F +	
0-6956	4700-A Morris Bros., Somerset	Farmers Elevator Co., Franklin, Ky.	L 98 F +	L 79+13 F +	
0-6965	4 Southern States Coop., Harrodsburg	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 98 F +	L 70+15 F +	
0-6971	23 Garrard Mills, Lancaster	Sphar & Co., Winchester, Ky.	L 99 F +	L 80+10 F +	
0-6978	1 Dodd's Corner, Nicholasville	S. P. Berryman, Nicholasville, Ky.	L 98.72 F -	L 90 F -	
0-7028	F-1409 Cecelian Milling Co., Elizabethtown	Bert Finzer Seed Co., Louisville, Ky.	L 98.50 F +	L 70+20 F +	Excessive
0-7029	88-2 Cecelian Milling Co., Elizabethtown	National Seed Co., Louisville, Ky.	L 97.70 F -	L 60+30 F +	
0-7030	10 Cecelian Milling Co., Elizabethtown	Cooper Bros., Elizabethtown, Ky.	L 97.70 F -	L 70+20 F +	Excessive
0-7032	F J. H. McClure & Son, Springfield	Bert Finzer Seed Co., Louisville, Ky.	L 98.50 F +	L 80+10 F +	
0-7034	E. S. Ferrill & Sons, Buffalo	Ross Seed Co., Louisville, Ky.	L 95 F +	L 70+20 F +	
0-7035	E. S. Ferrill & Sons, Buffalo	Ross Seed Co., Louisville, Ky.	L 96 F +	L 76+7 F +	
0-7036	4 Southern States Coop., Lebanon	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 98 F +	L 80 F +	
0-7038	3014 C. F. Howard, New Haven	Scott Seed Co., New Albany, Ind.	L 98.50 F +	L 75+15 F +	
0-7040	Farmers Supply Co., Hodgenville	Farmers Supply Co., Hodgenville, Ky.	L 99 F -	L 70+24 F +	Excessive
0-7042	Caulk Hdw. Co., Campbellsville	Allison Shipp, Campbellsville, Ky.	L 99.50 F -	L 90+7 F -	
0-7043	2800 Penn & Ratcliff, Campbellsville	Scott Seed Co., New Albany, Ind.	L 98 F -	L 76+9 F -	
0-7053	3 M Woodson Lewis, Greensburg	J. M. Schultz Seed Co., Dieterich, Ill.	L 98.50 F +	L 56+34 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-7056	CSC Henry Durham, Greensburg	Bert Finzer Seed Co., Louisville, Ky.	L 97 F —	L 70+20 F 45+25	
0-7070	428 Wood & Brown, Williamstown	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99.40 F —	L 77+15 F +	
0-7080	Morgan & Crenshaw, Georgetown	Ross Seed Co., Louisville, Ky.	L 99.50 F —	L 80+10 F +	
0-7082	1639 K 3 choice Allen & Jenkins, Bowling Green	Ross Seed Co., Louisville, Ky.	L 95.50 F +	L 66+18 F +	
0-7083	2 Allen & Jenkins, Bowling Green	Peoples Ice & Coal Co., Smiths Grove, Ky.	L 98.78 F —	L 90 F +	Excessive
0-7089	U 200 Norris Hdw. & Seed Co., Henderson	Young & Conway, Morganfield, Ky.	L 99 F +	L 85+5 F +	
0-7095	Z-255 Bale Hdw. & Impl. Co., Horse Cave	Louisville Seed Co., Louisville, Ky.	L 98 F —	L 60+14 F —	
0-7098	26 Booneville Whlse. Co., Booneville	Sphar & Co., Winchester, Ky.	L 99 F +	L 80+10 F —	
0-7099	Maybell Thompson Whlse. Co., Booneville	Ross Seed Co., Louisville, Ky.	L 98.50 F +	L 70+20 F +	
0-7121	Z-279 G. M. Haycraft & Son, Leitchfield	Louisville Seed Co., Louisville, Ky.	L 99.66 F —	L 80+15 F —	
0-7122	Z-319 G. M. Haycraft & Son, Leitchfield	Louisville Seed Co., Louisville, Ky.	L 98 F +	L 75+10 F —	
0-7124	Oscar Farmer & Son, Louisville	Ross Seed Co., Louisville, Ky.	L 98.50 F +	L 70+20 F +	
0-7132	4729 J. B. Smith, Albany	Farmers Elevator Co., Franklin, Ky.	L 99 F +	L 75+15 F +	
0-7139	Madison Farmers Supply, Richmond	Ross Seed Co., Louisville, Ky.	L 98.50 F +	L 70+20 F +	
0-7143	Z-299 Harlan Fruit Co., Harlan	Louisville Seed Co., Louisville, Ky.	L 99.25 F +	L 90+5 F +	
0-7145	Z-268 Knox County Supply Co., Barbourville	Louisville Seed Co., Louisville, Ky.	L 98 F +	L 65+25 F +	
0-7147	Manchester Groc. Co., Manchester	Ross Seed Co., Louisville, Ky.	L 98.50 F +	L 70+20 F —	
0-7149	25 Renfro Supply Co., Williamsburg	Sphar & Co., Winchester, Ky.	L 99 F +	L 80+10 F —	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-7156-69	Willoughby Supply Co., Richmond	National Seed Co., Louisville, Ky.	L 98 F —	L 60+30 F +	
0-7158-M	Ross Feed Co., Murray	Ross Feed Co., Murray, Ky.	L 98 F —	L 90 F +	
0-7161	Helen Hill's Hdw. Co., Marion	Young & Conway, Morganfield, Ky.	L 99.30 F +	L 75+15 F —	
0-7162	UNCO T. H. Cochran & Co., Marion	Young & Conway, Morganfield, Ky.	L 99 F +	L 80+5 F +	
0-7168	Ezra T. H. Cochran & Co., Marion	Young & Conway, Morganfield, Ky.	L 95 F +	L 80+5 F 59+39	
0-7188	Porter-Leach Hdw. Co., Hartford	Harralson Seed Co., Owensboro, Ky.	L 98.90 F +	L 75+10 F +	
0-7202	W. S. Allen, Liberty	Ross Seed Co., Louisville, Ky.	L 98.50 F +	L 70+20 F +	
0-7205	Dowell's Market, Liberty	Ross Seed Co., Louisville, Ky.	L 98.50 F +	L 70+20 F +	
0-7230	Z-289 Fayette Seed Co., Lexington	Louisville Seed Co., Louisville, Ky.	L 99 F +	L 85+10 F —	
0-7260	4728 Ramsey Supply Store, Somerset	Farmers Elevator Co., Franklin, Ky.	L 98 F +	L 75+15 F +	
0-7272	Z-362 C. M. Langdon, Science Hill	Louisville Seed Co., Louisville, Ky.	L 99 F +	L 80+10 F +	
0-7273	Hollingsworth & Chappel, Tompkinsville	Ross Seed Co., Louisville, Ky.	L 90 F —	L 60+10 F +	
0-7274	2800 G. H. Bowles & Son, Glasgow	Scott Seed Co., New Albany, Ind.	L 98 F +	L 76+9 F —	
Miscellaneous					
0-6668	Balbo Rye and Vetch Mixture 137 Bale Hdw. and Impl. Co., Horse Cave	National Seed Co., Louisville, Ky.	L 98.72 F —	L 90 F 70	
0-7085	Kobe Lespedeza Allen & Jenkins, Bowling Green	Simpson County Seed Coop., Franklin, Ky.	L 95.30 F +	L 85 F 34+44	
0-7088	Ky. 31 Fescue & Ryegrass Mixture OK 1 Calloway County Soil Imp. Assoc., Murray	Simpson County Seed Coop., Franklin, Ky.	L 98.87 F —	L 81 F +	
0-7227	Orange Cane Fayette Seed Co., Lexington	Ross Seed Co., Louisville, Ky.	L 98.50 F —	L 78 F +	
0-7275	Millet 47719 Hagan-Landrum & Stone, Tompkinsville	C. B. Ragland & Co., Nashville, Tenn.	L 99.42 F +	L 80 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
Oats					
0-6703	Fulgrain H-397 Somerset Produce Co., Somerset	Louisville Seed Co., Louisville, Ky.	L 98 F —	L 90 F +	
0-6945	White Spring 5153 Bullock & Bullock, Mt. Vernon	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 98.50 F —	L 90 F +	
0-6946	Columbia Red 5152 Bullock & Bullock, Mt. Vernon	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99 F —	L 85 F +	
0-6964	Columbia Red 5152 Southern States Coop., Harrodsburg	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99 F +	L 85 F +	
0-6966	White Spring 5153 Southern States Coop., Harrodsburg	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 98.50 F —	L 90 F +	
0-6968	Vickland 5151 Southern States Coop., Harrodsburg	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99 F +	L 85 F +	
0-7058	Columbia 3 Henry Durham, Greensburg	Bundy Bros. Mill Co., Vallonia, Ind.	L 95 F +	L 90 F +	
0-7065	Northern White 9060 Wood & Brown, Williamstown	The J. Chas. McCollough Seed Co., Cincinnati, Ohio	L 98.50 F +	L 90 F +	
0-7092	Columbia 3 Bale Hdw. & Impl. Co., Horse Cave	Bundy Bros. Mill Co., Vallonia, Ind.	L 95 F +	L 90 F +	
0-7096	Red Thompson Whlse. Co., Booneville	Ross Seed Co., Louisville, Ky.	L 98.50 F +	L 90 F 80	
0-7097	Northern White Booneville Whlse. Co., Booneville	Sphar & Co., Winchester, Ky.	L 95 F +	L 85 F +	
0-7130	Columbia 4360 J. B. Smith, Albany	Scott Seed Co., New Albany, Ind.	L 98 F +	L 85 F +	
0-7152	Columbia Dyche Jones, London	Henry Fruechtenicht, Louisville, Ky.	L 98 F —	L 87 F —	
0-7153	Northern White Dyche Jones, London	Henry Fruechtenicht, Louisville, Ky.	L 98 F +	L 89 F +	
0-7160	330 Hill's Hdw. Co., Marion	Young & Conway, Morganfield, Ky.	L 98.50 F —	L 85 F +	
0-7204	Red W. S. Allen, Liberty	Ross Seed Co., Louisville, Ky.	L 98.50 F +	L 90 F +	
0-7207	Red Dowell's Market, Liberty	Ross Seed Co., Louisville, Ky.	L 98.50 F +	L 85 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-7216_5152	Farmers Cash Store, Liberty	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99 F +	L 85 F +	
Orchard Grass					
0-6648	Farmers Supply Co., Harrodsburg	Ross Seed Co., Louisville, Ky.	L 85 F +	L 80 F +	
0-6659	Farmers Supply Co., Harrodsburg	Ross Seed Co., Louisville, Ky.	L 85 F +	L 80 F +	Excessive
0-6663_F	Mayes & Helm, Perryville	Bert Finzer Seed Co., Louisville, Ky.	L 85 F +	L 85 F +	Excessive
0-6676	Woodson Lewis, Greenburg	Unknown	L 85 F 80.33	L 80 F +	
0-6679_2024	Clinton Farmers Supply, Albany	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 86 F +	L 85 F +	
0-6684_F 700	G. M. Haycraft & Son, Leitchfield	Bert Finzer Seed Co., Louisville, Ky.	L 85 F -	L 85 F -	
0-6699_0-571	Morris Bros., Somerset	Louisville Seed Co., Louisville, Ky.	L 87 F +	L 85 F -	
0-6700_0-573	Morris Bros., Somerset	Louisville Seed Co., Louisville, Ky.	L 87 F +	L 83 F -	
0-6704_268	W. F. Hansford & Son, Somerset	National Seed Co., Louisville, Ky.	L 85 F -	L 85 F +	Excessive
0-6895	W. R. Catron & Son, Campton	Ross Seed Co., Louisville, Ky.	L 85 F +	L 85 F +	
0-6929_1	L. C. McLoney & Sons, Cynthiana	L. C. McLoney & Sons, Cynthiana, Ky.	L 83.73 F +	L 78 F +	
0-6948_2035	Bullock & Bullock, Mt. Vernon	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 87.60 F +	L 85 F +	Excessive
0-6967_2035	Southern States Coop., Harrodsburg	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 87.60 F -	L 85 F +	
0-6974_296	Garrard Mills, Lancaster	National Seed Co., Louisville, Ky.	L 87 F +	L 86 F +	Excessive
0-6979_1	Dodd's Corner, Nicholasville	Dodd's Corner, Nicholasville, Ky.	L 88.93 F +	L 95 F 87	
0-6983_2020	Anderson Ice Co., Lawrenceburg	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 89 F +	L 88 F +	
0-6984	Anderson Ice Co., Lawrenceburg	Ross Seed Co., Louisville, Ky.	L 85 F +	L 85 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-6987	Woodford Feed Co., Versailles	Sphar & Co., Winchester, Ky.	L 82.50 F +	L 80 F +	Excessive
0-6988	Farmers Union Supply Co., Versailles	Ross Seed Co., Louisville, Ky.	L 85 F +	L 85 F +	Excessive
0-6991	9486 C. M. Langdon, Science Hill	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 88.50 F +	L 85 F +	
0-7041	2961 Taylor County Supply Co., Campbellsville	Scott Seed Co., New Albany, Ind.	L 85 F +	L 85 F -	
0-7045	1315 Allison Shipp, Campbellsville	The Livingston Seed Co., Cincinnati, Ohio	L 90.72 F +	L 90 F -	
0-7054	D 300 Woodson Lewis, Greensburg	Louisville Seed Co., Louisville, Ky.	L 86 F -	L 85 F -	
0-7062	F-772 Henry Durham, Greensburg	Bert Finzer Seed Co., Louisville, Ky.	L 85 F +	L 85 F -	
0-7068	9584 Wood & Brown, Williamstown	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 88.32 F +	L 85 F +	
0-7069	2035 Wood & Brown, Williamstown	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 87.60 F +	L 85 F +	
0-7087	American Hdw. Co., Bowling Green	Fred Lively, Bowling Green, Ky.	L 86.29 F +	L 85 F +	
0-7094	247 Bale Hdw. & Impl. Co., Horse Cave	National Seed Co., Louisville, Ky.	L 85.19 F -	L 85 F +	
0-7129	2961 J. B. Smith, Albany	Scott Seed Co., New Albany, Ind.	L 85 F +	L 85 F -	
0-7133	Geo. W. Hill & Co., Covington	The Livingston Seed Co., Cincinnati, Ohio	L 87.80 F -	L 85 F +	
0-7135	H Gordon Fightmaster, Sadieville	Geo. W. Hill & Co., Covington, Ky.	L 87.20 F +	L 85 F +	
0-7140	52 Tamer & Wakins, Middlesboro	D. R. Mayo Seed Co., Knoxville, Tenn.	L 85.54 F +	L 85 F +	
0-7151	22 Patrick's Store, Williamsburg	Sphar & Co., Winchester, Ky.	L 85 F +	L 90 F +	
0-7231	2961 Farmers Supply Co., Lexington	Scott Seed Co., New Albany, Ind.	L 85 F +	L 85 F +	
0-6671	Rape Dwarf Essex Woodson Turner, Greensburg	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 93.50 F +	L 85 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-7159	Dwarf Essex UNCO Hill's Hdw. Co., Marion	Young & Conway, Morganfield, Ky.	L 99.80 F +	L 80 F +	
0-7212	Dwarf Essex SLC Farmers Supply Co., Danville	National Seed Co., Louisville, Ky.	L 99 F +	L 90 F -	
Redtop					
0-6645	1720 Dairyman's Feed & Supply Co., Mayfield	J. M. Schultz Seed Co., Dieterich, Ill.	L 92 F +	L 90 F -	
0-6649	1710 AMS-46 Harralson Seed Co., Owensboro	J. M. Schultz Seed Co., Dieterich, Ill.	L 92.08 F +	L 90 F +	
0-6681	2424 Graham's General Supply, Mackville	Scott Seed Co., New Albany, Ind.	L 92 F +	L 90 F +	Excessive
0-6683	F-841 G. M. Haycraft & Son, Leitchfield	Bert Finzer Seed Co., Louisville, Ky.	L 94 F +	L 90 F +	
0-6697	R. B. McCollum & Co., Eubank	Coop. Seed & Farm Supply, Service, Louisville, Ky.	L 92 F +	L 90 F +	
0-6702	1720 AMS-46 Morris Bros., Somerset	J. M. Schultz Seed Co., Dieterich, Ill.	L 92 F +	L 90 F -	
0-6718	Union Groc. Co., Morehead	Sphar & Co., Winchester, Ky.	L 92 F +	L 90 F +	
0-6842	2202 Rowan Farmers Supply, Morehead	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 92 F +	L 90 F -	
0-6932	Norris Hdw. & Seed Co., Henderson	Young & Conway, Morganfield, Ky.	L 92 F +	L 90 F 80	
0-6938	5370 Tru Val Farmers Supply Co., Henderson	Purcell Seed Co., Evansville, Ind.	L 92.33 F -	L 90 F 80	
0-6952	2201 Southern States Coop., Somerset	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 92 F +	L 90 F -	
0-6954	1720 AMS-46 Morris Bros., Somerset	J. M. Schultz Seed Co., Dieterich, Ill.	L 92 F -	L 90 F -	
0-6972	B 41818 Garrard Mills, Lancaster	J. M. Schultz Seed Co., Dieterich, Ill.	L 92 F -	L 90 F -	
0-7055	2491 Henry Durham, Greensburg	Scott Seed Co., New Albany, Ind.	L 92 F +	L 90 F -	
0-7059	F-826 Henry Durham, Greensburg	Bert Finzer Seed Co., Louisville, Ky.	L 92 F +	L 90 F -	
0-7060	2427 Henry Durham, Greensburg	Scott Seed Co., New Albany, Ind.	L 92 F -	L 90 F -	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-7061	E-2910 Henry Durham, Greensburg	Louisville Seed Co., Louisville, Ky.	L 93 F +	L 90 F -	
0-7084	1737 AMS-46 Allen & Jenkins, Bowling Green	J. M. Schultz Seed Co., Dieterich, Ill.	L 90 F +	L 92 F 82	
0-7119	808 C. L. Jewell & Son, Louisville	Bert Finzer Seed Co., Louisville, Ky.	L 93.80 F +	L 90 F -	
0-7128	2504 J. B. Smith, Albany	Scott Seed Co., New Albany, Ind.	L 92 F +	L 90 F -	
0-7167	U-100 T. H. Cochran & Co., Marion	Young & Conway, Morganfield, Ky.	L 92 F +	L 90 F -	
0-7186	5371 Tru Val Porter-Leach Hdw. Co., Hartford	Purcell Seed Co., Evansville, Ind.	L 92.10 F +	L 90 F -	
Rye					
0-6633	Balbo Bedford & Tuttle, Winchester	Sphar & Co., Winchester, Ky.	L 97 F -	L 80 F 67	
0-6635	Balbo Patrick's Store, Williamsburg	Sphar & Co., Winchester, Ky.	L 97 F +	L 80 F 52	
0-6640	Balbo Craft Groc. Co., Manchester	Sphar & Co., Winchester, Ky.	L 97 F -	L 80 F -	
0-6654	Balbo 3409 Southern States Coop., Harrodsburg	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 98 F -	L 85 F 66	
0-6667	Balbo M-811 Bale Hdw. & Impl. Co., Horse Cave	Louisville Seed Co., Louisville, Ky.	L 97 F +	L 85 F -	
0-6692	Balbo 1 Dodd's Corner, Nicholasville	Dodd's Corner, Nicholasville, Ky.	L 95 F +	L 90 F -	Excessive
0-6695	Balbo 3405 R. B. McCollum & Co., Eubank	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 98.50 F -	L 85 F -	
0-6716	Balbo Union Groc. Co., Morehead	Sphar & Co., Winchester, Ky.	L 97 F -	L 80 F 9	
Ryegrass					
0-6644	720 Ross Feed Co., Murray	Yopp Seed Co., Paducah, Ky.	L 99 F +	L 90 F -	
0-6670	SSC Bale Hdw. & Impl. Co., Horse Cave	J. B. Lucas Seed Co., Franklin, Ky.	L 98 F +	L 90 F -	
0-6714	9901 Archer & Redwine, Sandy Hook	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 98.50 F -	L 90 F -	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-6953-9006	Southern States Coop., Somerset	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99.10 F +	L 90 F +	Excessive
0-6957-C1312	Morris Bros., Somerset	The Livingston Seed Co., Cincinnati, Ohio	L 99.32 F +	L 92 F -	
0-7146-B-829	Knox County Supply Co., Barbourville	Louisville Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F -	
Soybeans					
0-7203-Black	W. S. Allen, Liberty	Ross Seed Co., Louisville, Ky.	L 98 F +	L 85 F 73+0	
0-7233-Va. Brown Y-319	Fayette Seed Co., Lexington	Louisville Seed Co., Louisville, Ky.	L 98 F +	L 90 F -	
0-7257-Black Wilson 4325	Farmers Supply Co., Monticello	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 98 F +	L 80 F 71+0	
Sudan Grass					
0-7169-5623	Guenther Hdw. Co., Owensboro	Purcell Seed Co., Evansville, Ind.	L 98 F +	L 80 F -	
0-7211-Sweet	Farmers Supply Co., Danville	Ross Seed Co., Louisville, Ky.	L 98 F +	L 80 F -	
0-7213-Farmers Supply Co.,	Danville	Ross Seed Co., Louisville, Ky.	L 96.50 F +	L 85 F 76	
0-7276-Sweet	Ideal Hdw. Co., Glasgow	Ross Seed Co., Louisville, Ky.	L 98 F +	L 80 F +	
0-6632-C-704	Bedford & Tuttle, Winchester	The Livingston Seed Co., Cincinnati, Ohio	L 99.70 F +	L 90 F +	Excessive
0-6650-AMS-46 1407	Dairyman's Feed & Supply Co., Mayfield	J. M. Schultz Seed Co., Dieterich, Ill.	L 99.50 F +	L 90 F -	Excessive
0-6651-1407	Harralson Seed Co., Owensboro	J. M. Schultz Seed Co., Dieterich, Ill.	L 99.50 F -	L 90 F -	Excessive
0-6661-2316	J. H. McClure & Sons, Springfield	Scott Seed Co., New Albany, Ind.	L 99.50 F +	L 90 F -	
0-6666-F 1220	Mayes & Helm, Perryville	Bert Finzer Seed Co., Louisville, Ky.	L 99.75 F -	L 90 F +	
0-6680-2060	Graham's General Supply, Mackville	Scott Seed Co., New Albany, Ind.	L 99.60 F +	L 90 F -	
0-6687-T 223	Grayson County Supply Co., Leitchfield	Louisville Seed Co., Louisville, Ky.	L 99.50 F 91.00*	L 90 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-6690	Dodd's Corner, Nicholasville	Sphar & Co., Winchester, Ky.	L 99.60 F —	L 90 F +	
0-6696	191 R. B. McCollum & Co., Eubank	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99.50 F +	L 90 F +	
0-6701	1407 AMS-46 Morris Bros., Somerset	J. M. Schultz Seed Co., Dieterich, Ill.	L 99.50 F +	L 90 F +	
0-6706	1906 Southern States Coop., Somerset	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99.50 F +	L 90 F —	
0-6711	Green's Dept. Store, Sandy Hook	Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F —	
0-6715	Union Groc. Co., Morehead	Sphar & Co., Winchester, Ky.	L 99.60 F +	L 90 F —	
0-6894	W. R. Catron & Son, Campton	Ross Seed Co., Louisville, Ky.	L 99.50 F —	L 90 F —	
0-6902	Peck's Farmers Supply Sharpsburg	Sphar & Co., Winchester, Ky.	L 99.60 F +	L 90 F +	
0-6927	1 L. C. McLoney & Sons, Cynthiana	L. C. McLoney & Sons, Cynthiana, Ky.	L 99.49 F —	L 87 F +	
0-6928	T-17 L. C. McLoney & Sons, Cynthiana	Louisville Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +	
0-6934	20 Norris Hdw. & Seed Co., Henderson	J. M. Schultz Seed Co., Dieterich, Ill.	L 99.50 F +	L 90 F +	
0-6943	UNCO Farmers Supply Co., Henderson	Young & Conway, Morganfield, Ky.	L 99.50 F +	L 90 F +	
0-6950	T-248 Anderson Ice Co., Lawrenceburg	Louisville Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +	
0-6951	1911 Southern States Coop., Somerset	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99.50 F —	L 90 F +	
0-6955	1407 AMS-46 Morris Bros., Somerset	J. M. Schultz Seed Co., Dieterich, Ill.	L 99.50 F +	L 90 F +	
0-6959	Farmers Supply Co., Danville	Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +	
0-6970	Farmers Supply Co., Harrodsburg	Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +	
0-6973	Garrard Mills, Lancaster	Ross Seed Co., Louisville, Ky.	L 99.50 F —	L 90 F +	
0-6977	1363 Red Bird A. T. Sanders Co., Lancaster	Lewis Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F 70	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-6990_26	C. M. Langdon, Science Hill	J. M. Schultz Seed Co., Dieterich, Ill.	L 99.50 F +	L 90 F -	
0-7024_T-248	J. W. Davidson, Science Hill	Louisville Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +	
0-7026_1409 AMS-46	Corbett Hdw. Co., Elizabethtown	J. M. Schultz Seed Co., Dieterich, Ill.	L 99.50 F +	L 90 F +	
0-7027_F-1227	Cecelian Milling Co., Elizabethtown	Bert Finzer Seed Co., Louisville, Ky.	L 99.60 F +	L 90 F +	
0-7046_1372	Allison Shipp, Campbellsville	Lewis Seed Co., Louisville, Ky.	L 99.50 F -	L 90 F -	Excessive
0-7072_9585	Wood & Brown, Williamstown	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99.65 F +	L 85 F +	
0-7093_Bale Hdw. & Impl. Co., Horse Cave		Ross Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +	
0-7134_C 703	Gordon Fightmaster, Sadieville	Geo. W. Hill & Co., Covington, Ky.	L 99.73 F +	L 96 F -	
0-7148_46 1240 AMS-46	Renro Supply Co., Williamsburg	J. M. Schultz Seed Co., Dieterich, Ill.	L 99.50 F +	L 90 F -	
0-7154_822	Patrick's Store, Williamsburg	Woodford Spears & Sons, Paris, Ky.	L 99.70 F +	L 93 F -	
0-7155_519	Willoughby Supply, Richmond	National Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F +	
0-7165_UNCO	T. H. Cochran & Co., Marion	Young & Conway, Morganfield, Ky.	L 99.60 F +	L 90 F -	
0-7224_6703	Liberty Hdw. Co., Liberty	The Livingston Seed Co., Cincinnati, Ohio	L 99.73 F +	L 90 F +	
Tobacco					
0-6844_56	Central District Whse., Corp., Lexington	S. J. Stokes & Son, Lexington, Ky.	L 98 F +	L 85 F +	
0-6845_41A	Central District Whse. Corp., Lexington	S. J. Stokes & Son, Lexington, Ky.	L 99.80 F +	L 85 F +	
0-6846_22	Central District Whse. Corp., Lexington	S. J. Stokes & Son, Lexington, Ky.	L 98 F +	L 85 F +	
0-6847_16	Central District Whse. Corp., Lexington	S. J. Stokes & Son, Lexington, Ky.	L 99.80 F +	L 85 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-6848_56-2	The C. S. Brent Seed Co., Lexington	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 90 F —	
0-6849_	Warner's Golden Burley 1 The C. S. Brent Seed Co., Lexington	Clay Bedford, Cynthiana, Ky.	L 99 F +	L 86 F —	
0-6850_52 1	The C. S. Brent Seed Co., Lexington	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 82 F —	
0-6851_22 4	The C. S. Brent Seed Co., Lexington	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 88 F +	
0-6852_16	The C. S. Brent Seed Co., Lexington	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 85 F —	
0-6853_25 3	The C. S. Brent Seed Co., Lexington	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 89 F +	
0-6854_24 5	The C. S. Brent Seed Co., Lexington	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 88 F +	
0-6855_24 1	The C. S. Brent Seed Co., Lexington	Clay Bedford, Cynthiana, Ky.	L 98 F +	L 89 F +	
0-6856_41A	The C. S. Brent Seed Co., Lexington	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 85 F —	
0-6857_	Stafford's Special The C. S. Brent Seed Co., Lexington	W. L. Stafford & Sons, Worthville, Ky.	L ——— F ———	L 90 F —	
0-6858_24 1	Fayette Seed Co., Lexington	Clay Bedford, Cynthiana, Ky.	L 98 F +	L 89 F +	
0-6859_16	Fayette Seed Co., Lexington	F. W. Rickard, Winchester, Ky.	L ——— F ———	L 85 F +	
0-6860_56	Southern States Coop., Georgetown	S. J. Stokes & Son, Lexington, Ky.	L 98 F +	L 85 F +	
0-6861_41A	Southern States Coop., Georgetown	C. H. McLemore, Midway, Ky.	L 98 F +	L 85 F +	
0-6862_22 4	Southern States Coop., Georgetown	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 88 F +	
0-6863_22	Southern States Coop., Georgetown	S. J. Stokes & Son, Lexington, Ky.	L 98 F +	L 85 F +	
0-6864_22	Southern States Coop., Georgetown	C. H. McLemore, Midway, Ky.	L 98 F +	L 92 F —	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-6865...16	Southern States Coop., Georgetown	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 85 F +	
0-6866...56 2	Southern States Coop., Georgetown	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 90 F +	
0-6867...41A	Southern States Coop., Georgetown	S. J. Stokes & Son, Lexington, Ky.	L ——— F ———	L 85 F —	
0-6868...16	Southern States Coop., Georgetown	C. H. McLemore, Midway, Ky.	L 98 F +	L 85 F —	
0-6869...16	Caldwell's Radio & Electric Shop, Williamstown	C. C. Worthington, Sherman, Ky.	L ——— F ———	L 85 F +	
0-6870...41A	Caldwell's Radio & Electric Shop, Williamstown	F. W. Rickard, Winchester, Ky.	L ——— F ———	L 85 F +	
0-6871...16	Caldwell's Radio & Electric Shop, Williamstown	F. W. Rickard, Winchester, Ky.	L ——— F ———	L 85 F +	
0-6872...52	Caldwell's Radio & Electric Shop, Williamstown	F. W. Rickard, Winchester, Ky.	L 98 F +	L 85 F +	
0-6873...22	Caldwell's Radio & Electric Shop, Williamstown	C. C. Worthington, Sherman, Ky.	L 98 F +	L 90 F —	
0-6874...Imp. Warner	Caldwell's Radio & Electric Shop, Williamstown	McClintock Seed Co., Cynthiana, Ky.	L ——— F ———	L 90 F —	
0-6875...22	Caldwell's Radio & Electric Shop, Williamstown	F. W. Rickard, Winchester, Ky.	L 98 F +	L 85 F +	
0-6876...24	Caldwell's Radio & Electric Shop, Williamstown	F. W. Rickard, Winchester, Ky.	L 98 F +	L 85 F +	
0-6877...41A	Caldwell's Radio & Electric Shop, Williamstown	C. C. Worthington, Sherman, Ky.	L ——— F ———	L 85 F —	
0-6878...41A	Southern States Coop., Georgetown	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 85 F +	
0-6879...25 3	Cobb's Farm Supplies, Dry Ridge	Lexington, Ky. Chancellor & Duncan,	L ——— F ———	L 89 F +	
0-6880...41A	Cobb's Farm Supplies, Dry Ridge	R. G. Lusby & Sons, Owenton, Ky.	L ——— F ———	L 85 F +	
0-6881...16	Cobb's Farm Supplies, Dry Ridge	R. G. Lusby & Sons, Owenton, Ky.	L ——— F ———	L 85 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-6882	Stafford's Special Cobb's Farm Supplies, Dry Ridge	W. L. Stafford & Sons, Worthville, Ky.	L ——— F ———	L 90 F —	
0-6883	25 1 Cobb's Farm Supplies, Dry Ridge	R. G. Lusby & Sons, Owenton, Ky.	L 98 F +	L 90 F +	
0-6884	24 5 Cobb's Farm Supplies, Dry Ridge	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 88 F —	
0-6885	Imp. Warner Cobb's Farm Supplies, Dry Ridge	McClintock Seed Co., Cynthiana, Ky.	L ——— F ———	L 90 F —	
0-6886	White Burley X Lexington Seed Co., Lexington	J. W. Bell & Sons, Paris, Ky.	L ——— F ———	L 78 F +	
0-6887	36-12 Lexington Seed Co., Lexington	J. V. Shipp Seed Co., Midway, Ky.	L 98 F +	L 78 F —	
0-6888	41A Lexington Seed Co., Lexington	J. V. Shipp Seed Co., Midway, Ky.	L ——— F ———	L 85 F +	
0-6889	22 Lexington Seed Co., Lexington	J. V. Shipp Seed Co., Midway, Ky.	L 98 F +	L 77 F —	
0-6890	56 Lexington Seed Co., Lexington	J. V. Shipp Seed Co., Midway, Ky.	L 98 F +	L 92 F 80	
0-6891	16 Lexington Seed Co., Lexington	J. V. Shipp Seed Co., Midway, Ky.	L ——— F ———	L 85 F —	
0-6896	Imp. Warner S. Rose Market, Campton	McClintock Seed Co., Cynthiana, Ky.	L ——— F ———	L 90 F —	
0-6897	41A S. Rose Market, Campton	S. J. Stokes & Son, Lexington, Ky.	L ——— F ———	L 85 F +	
0-6898	41A S. Rose Market, Campton	F. W. Rickard, Winchester, Ky.	L ——— F ———	L 85 F +	
0-6899	22 S. Rose Market, Campton	F. W. Rickard, Winchester, Ky.	L 98 F +	L 85 F +	
0-6908	Twist Bud Monarch Milling Co., Mt. Sterling	Nobel Earle, Berry, Ky.	L ——— F ———	L 85 F +	
0-6909	Earle's Special Monarch Milling Co., Mt. Sterling	Nobel Earle, Berry, Ky.	L ——— F ———	L 85 F +	
0-6910	Warner Monarch Milling Co., Mt. Sterling	Nobel Earle, Berry, Ky.	L ——— F ———	L 90 F —	
0-6911	24 Monarch Milling Co., Mt. Sterling	F. W. Rickard, Winchester, Ky.	L 98 F +	L 85 F +	
0-6912	24 Monarch Milling Co., Mt. Sterling	John T. Murphy & Son, Mt. Sterling, Ky.	L 98 F +	L 85 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-6913	41 A Farmers Supply Co., Mt. Sterling	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 85 F +	
0-6914	22 4 Farmers Supply Co., Mt. Sterling	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 88 F +	
0-6915	24 5 Farmers Supply Co., Mt. Sterling	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 88 F +	
0-6916	16 Farmers Supply Co., Mt. Sterling	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 85 F +	
0-6917	24 1 Peck's Farmers Supply, Sharpsburg	Clay Bedford, Cynthiana, Ky.	L 98 F +	L 89 F +	
0-6918	25 3 Peck's Farmers Supply, Sharpsburg	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 89 F —	
0-6919	52 1 Peck's Farmers Supply, Sharpsburg	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 82 F +	
0-6920	Type 1 1 L. C. McLoney & Sons, Cynthiana	James Casey, Boyd, Ky.	L 99 F +	L 90 F —	
0-6921	Type 2 L. C. McLoney & Sons, Cynthiana	James Casey, Boyd, Ky.	L 99 F +	L 90 F —	
0-6930	Little Crittenden Henderson Hybrid Seed Corn Coop., Henderson	Shaffer & Kurtz, Henshaw, Ky.	L ——— F ———	L 93 F +	
0-6944	24 5 Farmers Supply Co., Mt. Sterling	Chancellor & Duncan, Lexington, Ky.	L ——— F ———	L 88 F —	
0-6992	24 A. T. Sanders Co., Lancaster	Dixie Stock Farms, Lancaster, Ky.	L 99 F +	L 85 F +	
0-6993	16 A. T. Sanders Co., Lancaster	Dixie Stock Farms, Lancaster, Ky.	L ——— F ———	L 85 F +	
0-6994	41A A. T. Sanders Co., Lancaster	Dixie Stock Farms, Lancaster, Ky.	L ——— F ———	L 85 F +	
0-6995	22 A. T. Sanders Co., Lancaster	Dixie Stock Farms, Lancaster, Ky.	L 99 F +	L 85 F +	
0-6996	White Pepper 2 McCauley Bros. Seed Co., Versailles	C. Pepper, Paris, Ky.	L ——— F ———	L 89 F —	
0-6997	22 McCauley Bros. Seed Co., Versailles	C. H. McLemore, Midway, Ky.	L 98 F +	L 92 F —	
0-6998	Golden Burley McCauley Bros. Seed Co., Versailles	E. T. Estes & Son, Shelbyville, Ky.	L ——— F ———	L 80 F —	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-6999-24	McCauley Bros. Seed Co., Versailles	E. T. Estes & Son, Shelbyville, Ky.	L ——— F ———	L 80 F +	
0-7000	Warner McCauley Bros. Seed Co., Versailles	McCauley & Stephens, Cynthiana, Ky.	L ——— F ———	L 78 F +	
0-7001	White Burley X McCauley Bros. Seed Co., Versailles	J. W. Bell & Sons, Paris, Ky.	L ——— F ———	L 78 F —	
0-7002-16	The C. T. Ashley Co., Nicholasville	S. J. Stokes & Son, Lexington, Ky.	L ——— F ———	L 85 F +	
0-7003-22	The C. T. Ashley Co., Nicholasville	S. J. Stokes & Son, Lexington, Ky.	L 98 F +	L 85 F +	
0-7004-41A	The C. T. Ashley Co., Nicholasville	Shady Lane Farm, Midway, Ky.	L ——— F ———	L 85 F 64	
0-7005-56	The C. T. Ashley Co., Nicholasville	S. J. Stokes & Son, Lexington, Ky.	L 98 F +	L 85 F +	
0-7006-16	The C. T. Ashley Co., Nicholasville	Shady Lane Farm, Midway, Ky.	L ——— F ———	L 85 F 74	
0-7007-41A	The C. T. Ashley Co., Nicholasville	S. J. Stokes & Son, Lexington, Ky.	L ——— F ———	L 85 F +	
0-7008-41A	Southern States Coop., Harrodsburg	Harry & Tate Bird, Shelbyville, Ky.	L ——— F ———	L 85 F +	
0-7009-41A	Farmers Supply Co., Danville	R. L. Nunnelley, Stanford, Ky.	L 98 F +	L 85 F —	
0-7010-56	Farmers Supply Co., Danville	J. V. Shipp Seed Co., Midway, Ky.	L 98 F +	L 92 F 83	
0-7011-36-12	Farmers Supply Co., Danville	J. V. Shipp Seed Co., Midway, Ky.	L 98 F +	L 78 F +	
0-7012-16	Farmers Supply Co., Danville	J. V. Shipp Seed Co., Midway, Ky.	L ——— F ———	L 85 F +	
0-7013-25	Southern States Coop., Harrodsburg	Harry & Tate Bird, Shelbyville, Ky.	L ——— F ———	L 85 F +	
0-7014-22	Southern States Coop., Harrodsburg	Harry & Tate Bird, Shelbyville, Ky.	L ——— F ———	L 90 F —	
0-7015-16	Farmers Supply Co., Harrodsburg	Hill and Sanders, Harrodsburg, Ky.	L ——— F ———	L 85 F —	
0-7016-16	Farmers Supply Co., Harrodsburg	Robinson Cook, Danville, Ky.	L ——— F ———	L 85 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-7017_41A	Farmers Supply Co., Harrodsburg	Robinson Cook, Danville, Ky.	L ——— F ———	L 85 F —	
0-7018_22	Farmers Supply Co., Harrodsburg	Robinson Cook, Danville, Ky.	L ——— F ———	L 85 F —	
0-7019_22	Farmers Supply Co., Harrodsburg	Hill & Sanders, Harrodsburg, Ky.	L ——— F ———	L 90 F +	
0-7020_16	Southern States Coop., Somerset	K. T. McMahan & Sons, Greensburg, Ky.	L ——— F ———	L 85 F —	
0-7021_16	Southern States Coop., Somerset	Earl Carter, Monticello, Ky.	L ——— F ———	L 85 F +	
0-7022_41 A	Southern States Coop., Somerset	K. T. McMahan & Sons, Greensburg, Ky.	L ——— F ———	L 85 F +	
0-7023_41 A	Southern States Coop., Somerset	Earl Carter, Monticello, Ky.	L ——— F ———	L 85 F +	
0-7075_25 1	Wood & Brown, Williamstown	R. G. Lusby & Sons, Owenton, Ky.	L 98 F +	L 90 F +	
0-7076_41 A	Wood & Brown, Williamstown	R. G. Lusby & Sons, Owenton, Ky.	L ——— F ———	L 85 F +	
0-7077_Golden Burley 1	Wood & Brown, Williamstown	R. G. Lusby & Sons, Owenton, Ky.	L 98 F +	L 90 F —	
0-7078_22 1	Wood & Brown, Williamstown	R. G. Lusby & Sons, Owenton, Ky.	L 98 F +	L 90 F +	
0-7079_16	Wood & Brown, Williamstown	R. G. Lusby & Sons, Owenton, Ky.	L ——— F ———	L 85 F +	
0-7101_King's Special Barnett	Bale Hdw. & Impl. Co., Horse Cave	King Bros., Hardyville, Ky.	L ——— F ———	L 86 F +	
0-7102_Golden Burley	Bale Hdw. & Impl. Co., Horse Cave	E. L. Richards, Bowling Green, Ky.	L ——— F ———	L 70 F +	
0-7103_22	Bale Hdw. & Impl. Co., Horse Cave	E. L. Richards, Bowling Green, Ky.	L ——— F ———	L 70 F +	
0-7104_Barnett Special	Bale Hdw. & Impl. Co., Horse Cave	E. L. Richards, Bowling Green, Ky.	L 98 F +	L 80 F 68	
0-7105_160	Eldred Hdw. Co., Franklin	N. B. Alexander, Franklin, Ky.	L ——— F ———	L 85 F +	
0-7106_160	Hatter Hdw. Co., Franklin	Jernigan Bros., Franklin, Ky.	L ——— F ———	L 85 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-7107	Barnett Special Cooke & Ewing Hdw. Co., Smiths Grove	B. M. Davis, Smiths Grove, Ky.	L 99 F +	L 95 F 77	
0-7108	Barnett Special Cooke & Ewing Hdw. Co., Smiths Grove	L. P. James & Son, Smiths Grove, Ky.	L 98 F +	L 88 F 74	
0-7109	160 N. Y. Landrum, Bowling Green	T. I. Mobley, Auburn, Ky.	L — F —	L 85 F +	
0-7110	41A N. Y. Landrum, Bowling Green	Taylor Bros., Bowling Green, Ky.	L — F —	L 85 F +	
0-7111	22 Southern States Coop., Bowling Green	E. L. Richards, Bowling Green, Ky.	L — F —	L 70 F +	
0-7112	160 Southern States Coop., Bowling Green	E. L. Richards, Bowling Green, Ky.	L — F —	L 70 F —	
0-7113	Barnett Allen & Jenkins, Bowling Green	E. T. Miller, Bowling Green, Ky.	L — F —	L 90 F —	
0-7114	Barnett Special American Hdw. Co., Bowling Green	Albert Booker, Bowling Green, Ky.	L — F —	L 75 F —	
0-7115	16 Rose's Store, Campton	Dixie Stock Farms, Lancaster, Ky.	L — F —	L 85 F +	
0-7116	41A Rose's Store, Campton	Dixie Stock Farms, Lancaster, Ky.	L — F —	L 85 F +	
0-7117	16 Staton's Cut Rate Market, Campton	F. W. Rickard, Winchester, Ky.	L — F —	L 85 F +	
0-7125	41A Carroll County Farm Bureau, Carrollton	R. G. Lusby & Sons, Owenton, Ky.	L — F —	L 85 F +	
0-7126	Golden Burley 1 Carroll County Farm Bureau, Carrollton	R. G. Lusby & Sons, Owenton, Ky.	L 98 F +	L 90 F +	
0-7127	25 1 Carroll County Farm Bureau, Carrollton	R. G. Lusby & Sons, Owenton, Ky.	L 98 F +	L 90 F +	
0-7157	Imp. Warner Robinson & Turley, Richmond	H. Stanley Blake, Carlisle, Ky.	L — F —	L 92 F —	
0-7226	41A Staton's Cut Rate Market, Campton	F. W. Rickard, Winchester, Ky.	L — F —	L 85 F —	
Vegetables					
0-7171	Beans, Striped Creaseback 6144 Guenther Hdw. Co., Owensboro	Corneli Seed Co., St. Louis, Mo.	L 99 F +	L 89 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-7172	Beans, London Horticultural 7197 Guenther Hdw. Co., Owensboro	Corneli Seed Co., St. Louis, Mo.	L 99.50 F +	L 83 F -	
0-7173	Beans, Red Kidney 7081 Guenther Hdw. Co., Owensboro	Corneli Seed Co., St. Louis, Mo.	L 99 F +	L 89 F +	
0-7174	Peas, Blackeye 7 6679 Guenther Hdw. Co., Owensboro	Corneli Seed Co., St. Louis, Mo.	L 99 F +	L 92 F 81+0	
0-7176	Beans, Giant Stringless 8545 Guenther Hdw. Co., Owensboro	United States Seed Co., St. Louis, Mo.	L 98 F +	L 85 F +	
0-7179	Peas, Premium Gem 4587 Guenther Hdw. Co., Owensboro	Corneli Seed Co., St. Louis, Mo.	L 99 F +	L 90 F +	
0-7191	Peas, Alaska Porter-Leach Hdw. Co., Hartford	The Heldt-Monroe Co., Evansville, Ind.	L 99 F +	L 90 F +	
0-7192	Peas, Telephone 23845 Porter-Leach Hdw. Co., Hartford	The Heldt-Monroe Co., Evansville, Ind.	L 99 F +	L 86 F -	
0-7194	Lima Beans, King of the Garden 24355 Porter-Leach Hdw. Co., Hartford	The Heldt-Monroe Co., Evansville, Ind.	L 99 F +	L 82 F -	
0-7195	Beans, Red Speckled Cut Short 24351 2093A Porter-Leach Hdw. Co., Hartford	The Heldt-Monroe Co., Evansville, Ind.	L 99 F +	L 90 F -	
0-7196	Beans, Burpee Stringless 24345 2090A Porter-Leach Hdw. Co., Hartford	The Heldt-Monroe Co., Evansville, Ind.	L 99 F +	L 87 F +	
0-7197	Lima Beans, Henderson Bush 24353 2099A Porter-Leach Hdw. Co., Hartford	The Heldt-Monroe Co., Evansville, Ind.	L 99 F +	L 85 F -	
0-7198	Beans, Red Valentine 24347 2092A Porter-Leach Hdw. Co., Hartford	The Heldt-Monroe Co., Evansville, Ind.	L 99 F +	L 80 F +	
0-7199	Beans, Ky. Wonder 34350 2094A Porter-Leach Hdw. Co., Hartford	The Heldt-Monroe Co., Evansville, Ind.	L 99 F +	L 90 F +	
0-7200	Lima Beans, Burpee Bush 24349 2096A Porter-Leach Hdw. Co., Hartford	The Heldt-Monroe Co., Evansville, Ind.	L 99 F +	L 86+0 F 71+0	
0-7234	Peas, Alaska 1 Farmers Supply Co., Lexington	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 98 F +	L 85 F +	
0-7235	Lima Beans, Burpee Imp. Farmers Supply Co., Lexington	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99 F +	L 80 F +	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-7239	Peas, Premium Gem 1 Farmers Supply Co., Lexington	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 98 F +	L 85 F +	
0-7244	Beans, Stringless Green Pod 1 Farmers Supply Co., Lexington	The J. Chas. McCullough Seed Co., Cincinnati, Ohio	L 99 F +	L 85 F —	
Vetch					
0-6626	Hairy 29 (6B6B) Sphar & Co., Winchester	Consumers Feed & Seed Co., Augusta, Ga.	L 99 F 96.04	L 82+3 F +	
0-6627	Hairy Winter 29 L. C. McLoney & Sons, Cynthiana	Sphar & Co., Winchester, Ky.	L 99 F 96.57	L 82+3 F —	
0-6631	Hairy Bedford & Tuttle, Winchester	Sphar & Co., Winchester, Ky.	L 98.74 F +	L 79+6 F —	
0-6634	Hairy Winter 32 Patrick's Store, Williamsburg	Sphar & Co., Winchester, Ky.	L 98.74 F —	L 79+6 F +	
0-6636	Winter 30 John B. Penn & Co., Georgetown	National Seed Co., Louisville, Ky.	L 99 F —	L 65+25 F +	
0-6637	Hairy 1706 Farm & Home Service, Williamsburg	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99.25 F +	L 75 F +	
0-6639	Hairy Peoples Hdw. & Supply Co., Williamsburg	Ross Seed Co., Louisville, Ky.	L 98 F +	L 70+10 F +	
0-6642	1705 Southern States Coop., Georgetown	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 98.52 F +	L 82+4 F —	
0-6652	Hairy Southern States Coop., Harrodsburg	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 98.75 F +	L 75+15 F +	
0-6655	1705 Southern States Coop., Harrodsburg	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 98.52 F +	L 82+4 F —	
0-6656	Farmers Supply Co., Harrodsburg	Ross Seed Co., Louisville, Ky.	L 95 F —	L 91+4 F 75+17	
0-6657	Hairy Farmers Supply Co., Harrodsburg	Ross Seed Co., Louisville, Ky.	L 98 F +	L 75+5 F +	
0-6658	Hairy J. T. Freeman & Son, Harrodsburg	The C. S. Brent Seed Co., Lexington, Ky.	L 95 F +	L 70+20 F +	
0-6665	Hairy Winter F-1646 Mayes & Helm, Perryville	Bert Finzer Seed Co., Louisville, Ky.	L 98 F +	L 85 F —	
0-6685	Hairy 41 Farmers Supply Co., Lexington	Sphar & Co., Winchester, Ky.	L 92 F +	L 80+3 F +	
0-6686	Hairy B-800 Grayson County Supply Co., Leitchfield	Louisville Seed Co., Louisville, Ky.	L 95 F +	L 70+10 F —	

TABLE I.—ANALYSES OF SEEDS COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name and address of dealer	Purchased from	Purity, Percent	Germ., Percent	Noxious weed seeds
0-6691	Dodd's Corner, Nicholasville	Sphar & Co., Winchester, Ky.	L 99 F 94.98	L 70+20 F +	
0-6705	Hairy Winter 1702 LF Southern States Coop., Somerset	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 98.52 F +	L 82+4 F 58+4	
0-6713	Hairy 1701 Archer & Redwine, Sandy Hook	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 99.25 F —	L 75+20 F —	
0-6734	36 E. S. Ferrill & Sons, Buffalo	National Seed Co., Louisville, Ky.	L 96 F +	L 70+10 F —	
0-6841	1709 Rowan Farmers Supply, Morehead	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 95 F +	L 75+5 F —	
Wheat					
0-6638	Thorne 1600 LF Farm & Home Service, Williamsburg	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 98.50 F +	L 85 F +	
0-6641	Thorne 1601 Southern States Coop., Georgetown	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 98.50 F +	L 85 F +	
0-6653	Thorne 1602 LF Southern States Coop., Harrodsburg	Coop. Seed & Farm Supply Service, Louisville, Ky.	L 98.50 F +	L 80 F +	
0-6682	Bearded G. M. Haycraft & Son, Leitchfield	Ross Seed Co., Louisville	L 99 F +	L 85 F —	
0-6689	Thorne H-814 John Tuttle, Somerset	Louisville Seed Co., Louisville, Ky.	L 99.50 F +	L 90 F 79	
0-6694	Harvest King 1 Dodd's Corner, Nicholasville	Dodd's Corner, Nicholasville, Ky.	L 90 F +	L 90 F +	Excessive
0-6698	Thorne TW-1 Morris Bros., Somerset	Bert Finzer Seed Co., Louisville, Ky.	L 98 F +	L 90 F —	
0-6735	Clarkan 1287 Calloway County Soil Imp. Ass'n, Murray	Guy Bailey & Co., Russellville, Ky.	L 99.73 F +	L 90 F +	
0-6736	Thorne 226 Calloway County Soil Imp. Assn., Murray	Yopp Seed Co., Paducah, Ky.	L 98 F +	L 90 F +	

TABLE II.—ANALYSES OF FESCUE COLLECTED BY INSPECTORS, 1947-48

Lab. No.	Kind of Seed Name of Producer	Address of Producer	Purity, Percent	Germ., Percent	Noxious weed seeds
Fescue					
0-6707	Ky. 31 Box 199 John B. Young	Bedford, Ky.	L 98.48 F —	L 54 F —	
0-6708	Ky. 31 Box 369 5 A Crop Richard Beetem	Carrollton, Ky.	L 99.87 F —	L 94 F +	
0-6709	Ky. 31 Box 677 Parker David Silcock	Versailles, Ky.	L 99.48 F +	L 95 F —	
0-6710	Ky. 31 Box 843-1 Lot 9311 B. J. Griffin	Danville, Ky.	L 99.82 F —	L 97 F —	
0-6712	Ky. 31 9245 Eugene Culton, Jr.	Winchester, Ky.	L 98 F +	L 80 F +	
0-6719	Ky. 31 818 J. Paxton Marshall	Maysville, Ky.	L 99.48 F —	L 95 F +	
0-6720	Ky. 31 H. P. Smith	Hodgenville, Ky.	L 95.28 F 86.85*	L 95 F —	Excessive
0-6721	Ky. 31 H. P. Smith	Hodgenville, Ky.	L 99 F —	L 90 F +	
0-6723	Ky. 31 212 Hughes Goodman	Hardinsburg, Ky.	L 98.94 F —	L 90 F +	Excessive
0-6724	Ky. 31 Box 813 P. Sullivan Percy Sullivan	Nolin, Ky.	L 99.64 F —	L 92 F +	
0-6725	Ky. 31 Oat Field P. Sullivan Percy Sullivan	Nolin, Ky.	L 92.94 F 87.36	L 96 F —	
0-9726	Ky. 31 R 17181 Leon Clark	Cadiz, Ky.	L 98.11 F +	L 96 F +	
0-6728	Ky. 31 Clarence C. Lawrence	Cadiz, Ky.	L 93.57 F —	L 98 F —	
0-6729	Ky. 31 2 Dixie Stock Farms	Lancaster, Ky.	L 98.21 F +	L 93 F —	
0-6731	Ky. 31 732 Tidwell O. V. Tidwell	Murray, Ky.	L 98.55 F —	L 86 F 72	
0-6732	Ky. 31 Box 466 Field 1 Thomas Scruggs	Hazel, Ky.	L 92.49 F +	L 93 F +	
0-6733	Ky. 31 298 L. M. Cunningham	Clinton, Ky.	L 92.61 F +	L 94 F +	
0-6737	Ky. 31 Box 658 Lot 1 H. P. Fears	Pembroke, Ky.	L 96.16 F +	L 99 F —	Excessive
0-6738	Ky. 31 2 H. P. Fears	Pembroke, Ky.	L 95.29 F +	L 96 F +	Excessive
0-6739	Ky. 31 3 H. P. Fears	Pembroke, Ky.	L 94.17 F +	L 98 F +	Excessive
0-6740	Ky. 31 Box 611 R. T. Averitt	Trenton, Ky.	L 41.24 F +*	L 94 F +	
0-6741	Ky. 31 Box 667 Field 1 W. H. Berry	Russellville, Ky.	L 88.98 F —	L 97 F —	
0-6742	Ky. 31 Box 637 H. A. Hampton	Elkton, Ky.	L 95.24 F +	L 90 F +	
0-6743	Ky. 31 Box 186 Field 3 Neely & Hildebrand	Auburn, Ky.	L 87.51 F +*	L 92 F +	Excessive
0-6744	Ky. 31 Box 462 Thomas Flowers	Adairville, Ky.	L 88.43 F —	L 91 F +	

TABLE II.—ANALYSES OF FESCUE COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name of Producer	Address of Producer	Purity, Percent	Germ., Percent	Noxious weed seeds
0-6745	Ky. 31 Box 493 Field 1 J. B. May & Son	Pembroke, Ky.	L 95.29 F +	L 94 F +	Excessive
0-6746	Ky. 31 R 15855 L. G. Byars	Bowling Green, Ky.	L 69.88 F +*	L 88 F +	
0-6747	Ky. 31 R 17972 Sonora Dixie Stock Farms	Lancaster, Ky.	L 98.21 F +	L 90 F -	Excessive
0-6748	Ky. 31 1-1 W. G. Duncan, III	Hopkinsville, Ky.	L 72.85 F -*	L 99 F -	Excessive
0-6749	Ky. 31 2-1 W. G. Duncan, III	Hopkinsville, Ky.	L 89.64 F +	L 92 F +	
0-6750	Ky. 31 2-2 W. G. Duncan, III	Hopkinsville, Ky.	L 89.11 F -	L 93 F +	
0-6751	Ky. 31 3-1 W. G. Duncan, III	Hopkinsville, Ky.	L 89.85 F +*	L 96 F +	
0-6752	Ky. 31 3-2 W. G. Duncan, III	Hopkinsville, Ky.	L 82.35 F +*	L 96 F +	
0-6753	Ky. 31 4-1 W. G. Duncan, III	Hopkinsville, Ky.	L 97.87 F 94.74	L 91 F +	
0-6754	Ky. 31 4-2 W. G. Duncan, III	Hopkinsville, Ky.	L 95.75 F -	L 91 F +	
0-6755	Ky. 31 6-1 W. G. Duncan, III	Hopkinsville, Ky.	L 81.91 F +	L 98 F +	
0-6756	Ky. 31 7-1 W. G. Duncan, III	Hopkinsville, Ky.	L 85.90 F +	L 96 F -	
0-6757	Ky. 31 1 Arvin Bros.	Pembroke, Ky.	L 98.45 F -	L 88 F +	
0-6758	Ky. 31 3 Arvin Bros.	Pembroke, Ky.	L 99.08 F +	L 88 F +	
0-6759	Ky. 31 5 Arvin Bros.	Pembroke, Ky.	L 98.83 F -	L 93 F +	
0-6760	Ky. 31 8 Arvin Bros.	Pembroke, Ky.	L 94.06 F +	L 95 F +	
0-6761	Ky. 31 8 A Arvin Bros.	Pembroke, Ky.	L 99.20 F -	L 97 F +	
0-6762	Ky. 31 11 Arvin Bros.	Pembroke, Ky.	L 99.75 F -	L 90 F -	
0-6763	Ky. 31 12A Arvin Bros.	Pembroke, Ky.	L 99.51 F +	L 95 F +	
0-6764	Ky. 31 Box 228 E. L. Morton	Trenton, Ky.	L 95.50 F +	L 98 F +	
0-6765	Ky. 31 Box 233 Field 7 E. L. Morton	Trenton, Ky.	L 99.09 F +	L 86 F +	
0-6766	Ky. 31 Box 357 Field 5 E. L. Morton	Trenton, Ky.	L 96.89 F +	L 100 F -	
0-6767	Ky. 31 669-3 E. L. Morton	Trenton, Ky.	L 98.09 F -	L 93 F +	
0-6768	Ky. 31 7 Henry V. Thomas	Gracey, Ky.	L 98.28 F -	L 97 F +	
0-6769	Ky. 31 9-3 Henry V. Thomas	Gracey, Ky.	L 88.33 F 80.31*	L 96 F 88	Excessive

TABLE II.—ANALYSES OF FESCUE COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name of Producer	Address of Producer	Purity, Percent	Germ., Percent	Noxious weed seeds
0-6770	Ky. 31 6A Henry V. Thomas	Gracey, Ky.	L 93.02 F +	L 96 F +	
0-6771	Ky. 31 R 16813 Russell Collins	Auburn, Ky.	L 99.33 F —	L 93 F +	
0-6772	Ky. 31 R 15694 Russell Collins	Auburn, Ky.	L 97.68 F —	L 95 F +	
0-6773	Ky. 31 R 15729 Russell Collins	Auburn, Ky.	L 96.66 F +	L 96 F +	
0-6774	Ky. 31 Box 450 Field 2 Anderson Bros.	Guthrie, Ky.	L 49.99 F —*	L 97 F —	
0-6775	Ky. 31 Box 451 Field 3 Anderson Bros.	Guthrie, Ky.	L 77.05 F +	L 85 F +	
0-6776	Ky. 31 Box 74 Lot 1 T. W. Pardue	Hopkinsville, Ky.	L 92.63 F +	L 99 F +	
0-6777	Ky. 31 2 T. W. Pardue	Hopkinsville, Ky.	L 93.91 F —	L 98 F —	
0-6778	Ky. 31 1 Lucien Peden	Hopkinsville, Ky.	L 97.36 F —	L 95 F +	
0-6779	Ky. 31 2 Lucien Peden	Hopkinsville, Ky.	L 97.36 F —	L 95 F +	
0-6780	Ky. 31 Box 226 Field 3 G. E. Strickler	Rockfield, Ky.	L 98.97 F —	L 94 F +	
0-6781	Ky. 31 Box 756 Field 2 G. E. Strickler	Rockfield, Ky.	L 90.52 F +	L 97 F 80	
0-6782	Ky. 31 3 Crop 1 Hopper & Milton	Bowling Green, Ky.	L 83.61 F 74.76	L 92 F +	Excessive
0-6783	Ky. 31 Box 515-1 W. G. Garnett	Pembroke, Ky.	L 97.89 F —	L 84 F +	
0-6784	Ky. 31 Box 639 Field 2 Irl T. Fentress	Herndon, Ky.	L 90.35 F —*	L 98 F +	Excessive
0-6785	Ky. 31 Box 435 Dwight Freeman	Trenton, Ky.	L 80.97 L +*	L 93 F +	
0-6786	Ky. 31 Box 804 Nabb Bros.	Guthrie, Ky.	L 74.24 F +*	L 90 F +	
0-6787	Ky. 31 Box 341 Crop 2 Carroll Smith	Guthrie, Ky.	L 60.11 F +*	L 95 F —	
0-6788	Ky. 31 Box 430 Field 1 Thomas Montgomery	Springfield, Ky.	L 99.85 F —	L 91 F +	Excessive
0-6789	Ky. 31 Box 348 Field 2 C. A. Thomas	Hopkinsville, Ky.	L 92.55 F +	L 88 F +	
0-6790	Ky. 31 358 J. R. Smith	Oakville, Ky.	L 86.20 F —*	L 90 F +	
0-6792	Ky. 31 Box 583 Lot 1 Arvin McCain	Hopkinsville, Ky.	L 9.89 F +*	L 99 F +	
0-6793	Ky. 31 Box 800 J. H. Rogers	Gracey, Ky.	L 99.04 F —	L 91 F +	
0-6794	Ky. 31 Box 494 Field 2 J. R. May & Son	Pembroke, Ky.	L 99.40 F +	L 88 F +	
0-6796	Ky. 31 475 Emmett Haydon	Hopkinsville, Ky.	L 89.83 F —*	L 99 F —	
0-6797	Ky. 31 1001 Hollins-Iuler Seed Co.	South Union, Ky.	L 98.59 F —	L 92 F +	

TABLE II.—ANALYSES OF FESCUE COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name of Producer	Address of Producer	Purity, Percent	Germ., Percent	Noxious weed seeds
0-6798	Ky. 31 E. G. Hampton	Pembroke, Ky.	L 54.72 F +*	L 97 F +	
0-6799	Ky. 31 J. M. Pendleton	Pembroke, Ky.	L 95.92 F +	L 92 F +	
0-6800	Ky. 31 Box 528 Field 7 Anderson Bros.	Guthrie, Ky.	L 66.87 F +*	L 96 F +	
0-6801	Ky. 31 802 Hollins-Tuler Seed Co.	South Union, Ky.	L 89.10 F +	L 98 F -	
0-6802	Ky. 31 Reynolds Bell	Paris, Ky.	L 56.38 F +*	L 95 F +	
0-6805	Ky. 31 34 Field 1 Lot 2 Simpson County Seed Coop.	Franklin, Ky.	L 98.59 F +	L 97 F -	
0-6806	Ky. 31 37-3 Simpson County Seed Coop.	Franklin, Ky.	L 98.72 F +	L 93 F +	
0-6807	Ky. 31 WH 1-2 Simpson County Seed Coop.	Franklin, Ky.	L 84.73 F -*	L 90 F +	Excessive
0-6808	Ky. 31 GO 4-2 Simpson County Seed Coop.	Franklin, Ky.	L 96.87 F +	L 98 F +	Excessive
0-6809	Ky. 31 6-2 Simpson County Seed Coop.	Franklin, Ky.	L 95.59 F -	L 96 F -	
0-6810	Ky. 31 JDS 1-2 Simpson County Seed Coop.	Franklin, Ky.	L 98.13 F 95.67	L 94 F +	
0-6811	Ky. 31 37-2 Simpson County Seed Coop.	Franklin, Ky.	L 96.28 F +	L 97 F -	
0-6812	Ky. 31 3 Field 1 Lot 2 Simpson County Seed Coop.	Franklin, Ky.	L 97.02 F 90.61	L 98 F -	Excessive
0-6813	Ky. 31 48 Field 1 Simpson County Seed Coop.	Franklin, Ky.	L 77.54 F 70.37	L 95 F +	
0-6814	Ky. 31 35-2 Simpson County Seed Coop.	Franklin, Ky.	L 97.29 F -	L 97 F +	
0-6815	Ky. 31 22-Field 1 Simpson County Seed Coop.	Franklin, Ky.	L 93.27 F +	L 95 F +	
0-6816	Ky. 31 JWW 1 Simpson County Seed Coop.	Franklin, Ky.	L 98.23 F -	L 98 F -	
0-6817	Ky. 31 18-1 Simpson County Seed Coop.	Franklin, Ky.	L 98.99 F -	L 97 F +	
0-6818	Ky. 31 1 8A-1 Coleman Bros.	Allensville, Ky.	L 95.76 F 92.54	L 97 F -	
0-6819	Ky. 31 2 14A-1 Coleman Bros.	Allensville, Ky.	L 97.00 F 94.66	L 97 F -	Excessive
0-6820	Ky. 31 3-14A Coleman Bros.	Allensville, Ky.	L 92.59 F -*	L 91 F +	
0-6821	Ky. 31 Box 844 Lot 9 J. F. Standard	Elkton, Ky.	L 74.00 F +	L 90 F +	
0-6822	Ky. 31 Box 841 Field 2 J. F. Standard	Elkton, Ky.	L 74.89 F +*	L 85 F +	
0-6823	Ky. 31 Box 845 Lot 3 J. F. Standard	Elkton, Ky.	L 88.13 F +	L 88 F +	
0-6824	Ky. 31 Field 3 Lot 1 E. L. Throughber	Elkton, Ky.	L 82.42 F -*	L 87 F -	
0-6825	Ky. 31 Field 1 Lot 1 E. L. Throughber	Elkton, Ky.	L 99.40 F -	L 70 F +	

TABLE II.—ANALYSES OF FESCUE COLLECTED BY INSPECTORS, 1947-48—Continued

Lab. No.	Kind of Seed Name of Producer	Address of Producer	Purity, Percent	Germ., Percent	Noxious weed seeds
0-6826	Ky. 31 Field 2 Lot 1 E. L. Throughber	Elkton, Ky.	L 73.02 F 65.36*	L 83 F +	
0-6827	Ky. 31 Box 383 Sample 1 L. E. Hughes	Adairville, Ky.	L 45.97 F +*	L 84 F +	
0-6828	Ky. 31 Box 549 Sample 2 L. E. Hughes	Adairville, Ky.	L 63.50 F +*	L 98 F -	Excessive
0-6829	Ky. 31 Homer Grow	Adairville, Ky.	L 63.37 F -*	L 98 F -	
0-6830	Ky. 31 Box 550 Byron Collins	Russellville, Ky.	L 93.50 F -*	L 88 F +	Excessive
0-6831	Ky. 31 J 10 Simpson County Seed Coop.	Franklin, Ky.	L 87.33 F 82.75*	L 96 F -	
0-6832	Ky. 31 Box 261 Lot 1 Ashbrook & Jones	Greensburg, Ky.	L 91.85 F +*	L 99 F -	
0-6833	Ky. 31 Field 1 A. H. Gary	Trenton, Ky.	L 67.47 F +*	L 91 F +	
0-6834	Ky. 31 5949 L. J. Phillips	Franklin, Ky.	L 89.87 F +	L 98 F -	
0-6836	Ky. 31 Field 1 Lot 2 Ayers Bros.	Allensville, Ky.	L 89.92 F +	L 85 F +	
0-6837	Ky. 31 Field 1 Lot 2 Ayers Bros.	Allensville, Ky.	L 96.30 F 91.12	L 96 F +	
0-6838	Ky. 31 Field 1 Lot 1 Ayers Bros.	Allensville, Ky.	L 98.92 F +	L 96 F +	
0-6839	Ky. 31 Field 2 Lot 2 Ayers Bros.	Allensville, Ky.	L 93.59 F +	L 98 F -	
Mixtures					
Kentucky Fescue and Ryegrass					
0-6804	Box 303 Field 1 Cleaners 15 McGehee & Roberts	Hickman, Ky.	L 95.68 F -	L 94 F -	

* This should have been labeled a mixture as it contained more than 5% of another crop seed.

TABLE III.—DEALERS

Name	Address	Number of Samples	Unlawful
Alexander, N. B.	Franklin, Ky.	1	0
Anderson Bros.	Guthrie, Ky.	3	0
Arvin Bros.	Pembroke, Ky.	10	1
Ashbrook & Jones	Greensburg, Ky.	1	0
Averitt, R. T.	Trenton, Ky.	1	0
Ayers Bros.	Allensville, Ky.	4	1
Bailey, Guy & Co.	Russellville, Ky.	1	0
Bedford, Clay	Cynthiana, Ky.	4	0
Beetem, Richard	Carrollton, Ky.	1	0
Bell, J. W., & Sons	Paris, Ky.	2	0
Bell, Reynolds	Paris, Ky.	1	0
Berry, W. H.	Russellville, Ky.	1	0
Berryman, S. P.	Nicholasville, Ky.	1	0
Bird, Harry & Tate	Shelbyville, Ky.	3	0
Blake, H. Stanley	Carlisle, Ky.	1	0
Bond, Ben R.	Lawrenceburg, Ky.	2	0
Booker, Albert	Bowling Green, Ky.	1	0
Brent, The C. S., Seed Co.	Lexington, Ky.	1	0
Broadbent, Smith	Cobb, Ky.	4	0
Bundy Bros. Mill Co.	Vallonia, Ind.	2	0
Bunton Seed Co.	Louisville, Ky.	1	0
Byars, L. G.	Bowling Green, Ky.	1	0
Carter, Earl	Monticello, Ky.	2	0
Casey, James	Boyd, Ky.	2	0
Central States Seed Service	Lima, Ohio	1	0
Chancellor & Duncan	Lexington, Ky.	20	0
Childress-Jeffrey	Wagoner, Okla.	1	0
Clark, Leon	Cadiz, Ky.	1	0
Coleman Bros.	Allensville, Ky.	3	2
Collins, Byron	Russellville, Ky.	1	1
Collins, Russell	Auburn, Ky.	3	0
Consumers Feed & Seed Co.	Augusta, Ga.	1	1
Cook, Robinson	Danville, Ky.	3	0
Cooper Bros.	Elizabethtown, Ky.	1	1
Coop. Seed & Farm Supply Service	Louisville, Ky.	47	6
Corneli Seed Co.	St. Louis, Mo.	11	1
Crouch, G. Ed	Trenton, Ky.	1	1
Culton, Eugene, Jr.	Winchester, Ky.	1	0
Cunningham, L. M.	Clinton, Ky.	1	0
Davis, B. M.	Smiths Grove, Ky.	1	1
Dixie Stock Farms	Lancaster, Ky.	10	1
Dodd's Corner	Nicholasville, Ky.	3	3
Duncan, W. G., III	Hopkinsville, Ky.	10	3
Earle, Nobel	Berry, Ky.	3	0
Estes, E. T., & Son	Shelbyville, Ky.	2	0
Farmers Elevator Co.	Franklin, Ky.	5	0
Farmers Supply Co.	Hodgenville, Ky.	1	1
Fayette Seed Co.	Lexington, Ky.	1	0
Fears, H. P.	Pembroke, Ky.	3	3
Fentress, Irl T.	Herndon, Ky.	1	1
Finzer, Bert, Seed Co.	Louisville, Ky.	22	5
Fitzgerald, B.	Madisonville, Ky.	1	0
Flowers, Thomas	Adairville, Ky.	1	0
Freeman, Dwight	Trenton, Ky.	1	0
Fruechtenicht, Henry	Louisville, Ky.	2	0
Garnett, W. J.	Pembroke, Ky.	1	0
Gary, R. H.	Trenton, Ky.	1	0
Goodman, Hughes	Hardinsburg, Ky.	1	1
Green Bros.	Nashville, Tenn.	1	0
Griffin, B. J.	Danville, Ky.	1	0
Grow, Homer	Adairville, Ky.	1	0
Hampton, E. G.	Pembroke, Ky.	1	0
Hampton, H. A.	Elkton, Ky.	1	0
Hardison, E. K., Seed Co.	Nashville, Tenn.	1	0
Harralson Seed Co.	Owensboro, Ky.	2	1
Hayden, Emmett	Hopkinsville, Ky.	1	0
Heldt-Monroe Co., The	Evansville, Ind.	10	1
Hill, Geo. W., & Co.	Covington, Ky.	2	0
Hill & Sanders	Harrodsburg, Ky.	2	0
Hollins-Iuler Seed Co.	South Union, Ky.	2	0
Hopper & Milton	Bowling Green, Ky.	1	1

TABLE III.—DEALERS—Continued

Name	Address	Number of Samples	Unlawful
Hughes, L. E.	Adairville, Ky.	2	1
James, L. P., & Son	Smiths Grove, Ky.	1	1
Jernigan Bros.	Franklin, Ky.	1	0
King Bros.	Hardyville, Ky.	1	0
Lawrence, Clarence C.	Cadiz, Ky.	1	0
Lewis Seed Co.	Louisville, Ky.	4	2
Lively, Fred	Bowling Green, Ky.	1	0
Livingston Seed Co., The	Cincinnati, Ohio	9	1
Louisville Seed Co.	Louisville, Ky.	32	6
Lucas, J. B., Seed Co.	Franklin, Ky.	1	0
Lusby, R. G., & Sons	Owenton, Ky.	11	0
McCain, Arvin	Hopkinsville, Ky.	1	0
McCauley & Stephens	Cynthiana, Ky.	1	0
McClintock Seed Co.	Cynthiana, Ky.	3	0
McCullough, The J. Chas., Seed Co.	Cincinnati, Ohio	12	0
McGehee & Roberts	Hickman, Ky.	1	0
McLemore, C. H.	Midway, Ky.	4	0
McLoney, L. C., & Sons	Cynthiana, Ky.	5	1
McMahan, K. T., & Sons	Greensburg, Ky.	2	0
McMullen, C. F., Estate	Sikeston, Mo.	1	0
Market Gardeners' Seed Co., The	Cincinnati, Ohio	1	0
Marshall, J. Paxton	Maysville, Ky.	1	0
May, J. R., & Son	Pembroke, Ky.	2	1
Mayo, D. R., Seed Co.	Knoxville, Tenn.	1	0
Miller, E. T.	Bowling Green, Ky.	1	0
Mobley, T. I.	Auburn, Ky.	1	0
Montgomery, Thomas	Springfield, Ky.	1	1
Morgan & Crenshaw	Georgetown, Ky.	1	0
Morton, E. L.	Trenton, Ky.	5	0
Murphy, John T., & Son	Mt. Sterling, Ky.	1	0
Nabb Bros.	Guthrie, Ky.	1	0
National Seed Co.	Louisville, Ky.	20	4
Neeley & Hildebrand	Auburn, Ky.	1	1
Neeley, Mrs. Roy	Unknown	1	1
Nunnelley, R. L.	Stanford, Ky.	1	0
Pardue, T. W.	Hopkinsville, Ky.	2	0
Peden, Lucien	Hopkinsville, Ky.	2	0
Pendleton, J. M.	Pembroke, Ky.	1	0
Peoples Ice & Coal Co.	Smiths Grove, Ky.	1	1
Pepper, C.	Paris, Ky.	1	0
Phillips, L. J.	Franklin, Ky.	1	0
Prewitt & Rankin	Lexington, Ky.	2	0
Purcell Seed Co.	Evansville, Ind.	11	1
Ragland, C. B., & Co.	Nashville, Tenn.	1	0
Richards, E. L.	Bowling Green, Ky.	5	1
Rickard, F. W.	Winchester, Ky.	11	0
Rogers, J. H.	Gracey, Ky.	1	0
Rogers, Will	Danville, Ky.	2	0
Ross Feed Co.	Murray, Ky.	1	0
Ross Seed Co.	Louisville, Ky.	64	11
Schultz, J. M., Seed Co.	Dieterich, Ill.	17	4
Scott Farm Seed Co.	Mechanicsburg, Ohio	1	0
Scott Seed Co.	New Albany, Ind.	20	1
Scruggs, Thomas	Hazel, Ky.	1	0
Shady Lane Farm	Midway, Ky.	2	2
Shaffer & Kurtz	Henshaw, Ky.	1	0
Shipp, Allison	Campbellsville, Ky.	1	0
Shipp, J. V., Seed Co.	Midway, Ky.	8	2
Silcock, David	Versailles, Ky.	1	0
Simpson County Seed Coop.	Franklin, Ky.	20	7
Smith, Carroll	Guthrie, Ky.	1	0
Smith, H. P.	Hodgenville, Ky.	3	1
Smith, J. R.	Oakville, Ky.	1	0
Spears, Woodford, & Sons	Paris, Ky.	1	0
Sphar & Co.	Winchester, Ky.	25	6
Stafford, W. L., & Sons	Worthville, Ky.	2	0
Standard, J. F.	Elkton, Ky.	3	0
Stokes, S. J., & Son	Lexington, Ky.	14	0
Strickler, G. E.	Rockfield, Ky.	2	1
Stull Bros.	Sebree, Ky.	6	0

TABLE III.—DEALERS—Continued

Name	Address	Number of Samples Unlawful	
Sullivan, Percy	Nolin, Ky.	2	1
Taylor Bros.	Bowling Green, Ky.	1	0
Taylor, G. M., Seed Co.	Georgetown, Ky.	1	0
Taylor, George P.	Burnside, Ky.	1	0
Taylor, Roy D.	Crutchfield, Ky.	1	1
Thomas, C. A.	Hopkinsville, Ky.	1	0
Thomas, Henry V.	Gracey, Ky.	3	1
Throughber, E. L.	Elkton, Ky.	3	1
Tidwell, O. V.	Murray, Ky.	1	1
United States Seed Co.	St. Louis, Mo.	1	0
Wade, C. M.	Elizabethtown, Ky.	1	1
Wilson, Jas. S.	Paris, Ky.	1	0
Winfrey, J. R.	Monticello, Ky.	1	0
Woodford Feed Co.	Versailles, Ky.	2	0
Worthington, C. C.	Sherman, Ky.	3	0
Wright, Shelby, & Son	Rockport, Ind.	1	0
Yopp Seed Co.	Paducah, Ky.	2	0
Young & Conway	Morganfield, Ky.	15	2
Young, John B.	Bedford, Ky.	1	0
Unknown		3	3
Totals		658	107

TABLE IV.—KIND AND NUMBER OF VIOLATIONS

Kind of Seed	Number of Samples	Purity	Germination	Noxious Weeds	Total Samples Unlawful
Alfalfa	19	0	0	0	0
Bluegrass	26	1	4	1	6
Bromegrass	3	1	0	0	1
Clover, Alsike	8	0	0	0	0
Clover, Red	17	1	0	4	4
Clover, Sweet	9	0	2	0	2
Clover, White	4	0	0	1	1
Corn	57	0	2	0	2
Fescue	140	18	8	21	38
Korean Lespedeza	57	0	2	4	6
Miscellaneous	5	0	2	0	2
Oats	18	0	1	0	1
Orchard Grass	34	1	1	8	9
Rape	3	0	0	0	0
Redtop	22	0	3	1	4
Rye	8	0	4	1	5
Ryegrass	6	0	0	1	1
Soybeans	3	0	2	0	2
Sudan Grass	4	0	1	0	1
Timothy	39	1	1	4	6
Tobacco	127	0	7	0	7
Vegetables	19	0	2	0	2
Vetch	21	3	2	0	5
Wheat	9	0	1	1	2
Totals	658	26	45	47	107

TABLE V.—VIOLATIONS BY 3-YEAR PERIODS

Year	No. sam- ples	3- year aver- age	Puri- ty	Aver- age	%	Germi- nation	Aver- age	%	Weed	Aver- age	%	Miscel- lane- ous	Total	Aver- age	%
1938-39	536	---	53	---	---	78	---	---	87	---	---	14	171	---	---
1939-40	553	---	42	---	---	53	---	---	83	---	---	4	135	---	---
1940-41	311	---	21	---	---	30	---	---	26	---	---	---	67	---	---
3-year average	---	467	---	39	8.3	---	54	11.6	---	65	13.9	---	---	124	26.6
1941-42	544	---	52	---	---	48	---	---	53	---	---	---	107	---	---
1942-43	655	---	46	---	---	93	---	---	72	---	---	---	168	---	---
1943-44	457	---	24	---	---	54	---	---	28	---	---	---	86	---	---
3-year average	---	552	---	41	7.4	---	65	11.8	---	51	9.2	---	---	120	21.7
1944-45	542	---	13	---	---	77	---	---	29	---	---	---	108	---	---
1945-46	683	---	38	---	---	92	---	---	56	---	---	---	162	---	---
1946-47	614	---	19	---	---	40	---	---	36	---	---	---	82	---	---
3-year average	---	613	---	23	3.8	---	70	11.4	---	40	6.5	---	---	117	19.1
1947-48	658	---	26	---	4.0	45	---	6.8	47	---	7.1	---	107	---	16.1

Table 5 shows the number of official samples taken and the number found to be unlawful. It covers a period of 10 years. To smooth out seasonal variation, the first 9 years are grouped in sets of 3 and averages are given for comparison. Unlawful samples are divided into five divisions as follows: purity, germination, weed seed content, miscellaneous, and total. The 3-year averages are arranged in separate columns for comparison with each other and with the tenth year, 1947-48.

In the study of this table it must be borne in mind that purity depends on the thoroughness and skill of the cleaner and the use of the right kind of cleaning machinery; germination depends on the maturity, or ripeness of seed at harvest and the careful curing of seed in storage; weed seed content depends on the care of fields before harvest to eliminate those weeds the seeds of which cannot be fully removed by cleaning.

Abnormally high moisture content of seeds at harvest may result in very poor germination, as such seeds may heat in bulk to a temperature which will damage or destroy the germ. It is quite probable that the low germination of tobacco seed produced in 1944, following a very wet August and September, was due to this condition rather than to mechanical injury.

Growers are urged to see that plants are mature before harvesting, and to provide for thorough curing of all seeds before cleaning and offering for sale.

Remember, care of fields before harvest, harvesting, curing, and cleaning are four extremely important processes in the production of seed; carelessness in any one of the four operations may result in poor quality.