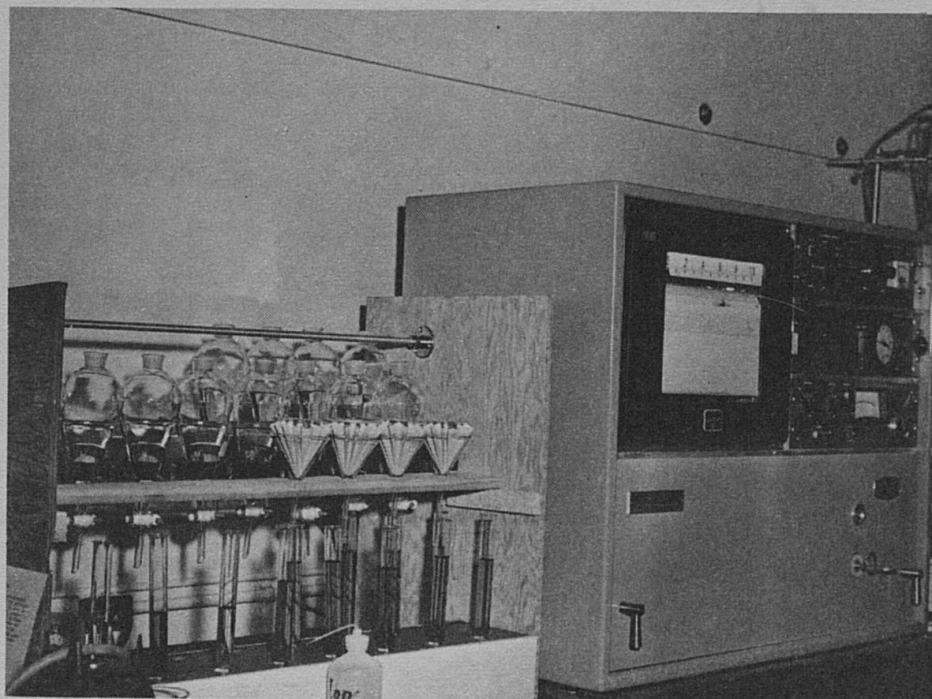


Commercial Feeds in Kentucky

1962



Residues of insecticides are analyzed by gas chromatography, using the equipment shown here.

Regulatory Bulletin 178

University of Kentucky
Agricultural Experiment Station
Feed & Fertilizer Department

Lexington

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KENTUCKY AGRICULTURAL EXPERIMENT STATION

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*Died August 4, 1962

This report compiled and prepared by Robert Mathews and Bruce Poundstone.
Analytical data by the laboratory staff.

INTRODUCTION

This bulletin contains the results of inspection and analysis of commercial feeds sold in Kentucky during the calendar year of 1962 and other information helpful to those interested in this field.

During the year 1962, 569,800 tons of commercial feed were reported as distributed in the state of Kentucky. This was 7,120 tons less than was sold in 1961. Of this amount 24,250 tons was cattle feed, 96,100 dairy feed, 96,150 pig and hog feed, 154,700 poultry feed, 8,400 scratch feed, 5,600 turkey mashes, 25,800 corn products, 19,250 molasses, 16,850 soybean products and 29,250 wheat products. A complete report of tons of feed sold will be found on page 4.

During 1962, 3,178 official samples of feed were secured by inspectors and 2,557 or 80% of these passed with 621 or 20% not passing. During the year 1961, 79% of the samples taken passed and 21% did not pass.

Farmers using medicated feeds should be very careful to follow directions supplied on the label and no medicated feed should be fed to animals except those so designated. During 1962, 832 drug determinations were made.

COMPANIES ON REPORTING SYSTEM, JUNE 1, 1963

Acme-Evans Co., Inc.
 Albers Milling Co.
 Allen Robertson & Co.
 All-In-One Feeds, Inc.
 Allied Foods Distributors
 Allied Industries, Inc.
 Allied Mills, Inc.
 American Crystal Sugar Co.
 Anderson & Spilman
 Apex Farm & Supply Co.
 Archer-Daniel-Midland Co.
 Armeato Import Co.
 Armour and Company
 Armour Creameries
 Ashland Milling Co.
 Aubrey Feed Mills, Inc.
 August Moldenhauer Mill
 Aylor & Meyer Company

 Baber's Vis-Vita Sales, Inc.
 Bagdad Roller Mills
 Barry Carter Milling Co.
 Barton Distilling Co.
 Bates Farm Supply (b)
 Bay State Milling Co.
 Beacon Div. of Textron
 The Beardstown Mills Co.
 Best Feeds & Farm Supplies, Inc.
 Big Four Feed Store (s)
 Big Sandy Wholesale Company
 L. A. Black
 Blatchford Calf Meal Co.
 Blenda Life, Inc.
 Bobb Brothers
 The Borden Company
 The Boswell Company
 Botkins Grain & Feed Co.
 Bremco Alfalfa Mills, Inc.
 Brennan Packing Co.
 The Brode' Corporation
 Brown-Forman Distillers Corp.
 The Buckeye Cellulose Corp.
 Buckeye Cotton Oil Division
 The Buhler Mill & Elevator Co.
 Buhner & Company, Inc.

 Cadiz Milling Company
 The Carey Salt Co.
 Cargill, Incorporated
 Carson Food Company
 Casey County Farm Supply
 Cashman's Leghorn Farm
 Cat Life Packing Co.
 Central Alfalfa, Inc.
 Central Soya Company
 Clark Milling Co.
 Clinton Corn Processing
 Clinton Foods, Inc.
 Clinton Milling Co., Inc.
 Cocke & Company
 H. C. Cole Milling Co.
 Colorado Milling & Elevator Co.
 Columbian Hog & Cattle Powder Co.

 Commander-Larabee Milling Co.
 Consolidated Flour Mills Co.
 Consolidated Products Co.
 Cooperative Mills, Inc.
 Corn Products Company
 Cosby-Hodges Milling Co.
 Culton's Seed Cleaner

 Daffin Corporation
 Dearborn Mills
 Decatur Cotton Oil Co.
 Diamond Crystal Salt Co.
 Diamond Laboratory
 Dixie Grain Co., Inc.
 Dixie Mills Company
 Dixie Portland Flour Co.
 Dixie Portland Flour Mills (Tenn.)
 Dixie Portland Flour Mills (Kan.)
 Dixie Treat Sales Co.
 Doan Feed Products Company
 J. E. Doggett, Inc.
 Dog Life Packing Co.
 Dryesburg Oil Mill Co.

 The Early & Daniel Co.
 Eckhart Milling Co.
 Elam Grain Company
 The F. L. Emmert Co.
 John W. Eshelman & Sons
 Evans Milling Co., Inc.
 Excelsior Milling Co.

 Fabro, Inc.
 Farm Chef Feeds
 Farm Service, Inc.
 Farmers Elevators, Inc.
 Farmers Friend Mineral Co.
 Farmers Hay & Seed Co. (b)
 Farmers Service (b)
 Farmers Supply Co.
 Ferncliff Feed & Grain Co. (d)
 Finch Packing (d)
 Fish Meal Co.
 Flambeau Milling Co.
 Foremost Dairies
 Fort Negley Mills
 Foster Canning Co.
 Frosty Morn Meats
 Henry Fruechtenicht
 Fruen Milling Co.
 Fuhrer-Ford Milling Co.
 Fulton Laboratories
 Funk Brothers Seed Co.

 Garden Street Mill & Elevator
 Garrard Farm Service
 Garrard Mills
 General Foods Corporation
 Corn Mill Division
 Gaines Division
 General Mills, Inc.
 Goldenrod Oil Meal Sales Co.
 Good-Life Chemical, Inc.

(s) Small packages only, (b) Bulk sales only, (m) Molasses only, (d) Dog food only

The Great Atlantic & Pacific Tea Co.
 Great Lakes Pet Food Co.
 The Great Western Sugar Co.
 Green County Milling Co. (b)
 Gwinn Brothers Co.

Hales & Hunter Company
 Peter Hand Foundation (s)
 Happy Valley Mills
 Harpeth Mills
 Hartsville Milling Company
 Hartz Mountain Products Corp.
 Harvest Brand, Inc.
 Haydon Mill & Grain Co. (s)
 Hayward, Inc.
 Heckle Brothers
 Dr. Heinz Company
 Helmers & Berry Feed Co. (m)
 Hi-Life Packing Company
 Highland Products, Inc. (s)
 Hill Packing Company
 T. G. Hill & Co.
 Hollar & Mardis
 Holly Sugar Corporation
 Horlicks Corporation
 Howdy Distributing Co.
 Hudson's Farm Service (b)
 Huff & Puff Pet Foods
 The Hunter Milling Co.

Igleheart Brothers Division
 Illinois Cereal Mills, Inc. (b)
 Illinois Soy Products Co.
 Independent Oil Mill, Inc.
 Inland Mills, Inc.
 International Milling Co.
 International Salt Co., Inc.
 The Ismert-Hincke Milling Co.

Jacco Industries, Limited
 Jackson County Farm Bureau Coop. Ass'n.
 Jet Products, Inc.
 John Ewing Co.

K & K Manufacturing Co.
 The Kansas Milling Co.
 Keco Milling Co.
 Kellogg Company
 Spencer Kellogg & Sons, Inc.
 Kentucky By-Products Corp.
 Kentucky Chemical Industries, Inc.
 Keynes Brothers
 H. C. Knoke & Co.
 Kraft Foods

LaCross Milling Co., Inc.
 Lake County Oil Mills
 Lake States Yeast Corp.
 Land-O-Nan Warehouse (b)
 Edmond J. Lang
 Lewisburg Roller Mills (b)
 Lexington Roller Mills, Inc.
 Life Guard Feeds
 Light Grain & Milling Co., Inc.
 Limestone Products Corporation of America
 Lincoln Farm Service
 Linden Mill (d)
 Lipscomb Farm Supply (b)
 Lipscomb Grain & Seed Co., Inc.

M.F.A. Grain & Feed Div.
 The M.G.R. Feed Co.
 Magic Feed Mills, Inc.
 Marblehead Lime Co.
 Marco Mills, Inc.
 Marianna Sales Co.
 Marion Milling Co.
 Markin Feed Co.
 Martha White Flour Mills
 Martha White Flour Mills of W. Va.
 Master Feed & Seed Co., Inc.
 Mavar Shrimp & Oyster Co. (Cat)
 Mayfield Milling Co., Inc.
 McKnight-Keaton Grocery
 McMillen Feed Mills
 Memphis Cotton Oil Mill
 Mennel Milling Co.
 Metcalfe Co. Farm Supply, Inc.
 O. W. Meyer Laboratories
 Middlesboro Milling Co. (s)
 Midland Flour Milling Co.
 Midsouth Milling Co.
 Midwest Feeds
 Milliken Sweet Feed Mill
 Mineral Products Co.
 Minute Maid Corp.
 Model Mills
 Mohawk Roller Mills
 Monroe County Farmers Service, Inc.
 Moore-Lowry Flour Mills, Inc.
 Moorman Manufacturing Co.
 The Mor-Milk Co.
 John Morrel & Co.
 Morristown Milling Co.
 Morton Salt Company
 Mowatt, Wilson & Co.
 Mt. Sterling Hatchery (b)
 Murphy Products Co.
 Mutual Products Co. (s)
 Myzon, Inc.

H. Nagel & Son
 Nashville Cotton Oil Mill Corp.
 National Alfalfa Dehyd. & Milling Co.
 National Biscuit Co.
 National Distillers Products Co.
 National Molasses Co.
 National Oats Co.
 National Remedy Products Co., Inc.
 National Vitamin Products Co.
 Nebraska Consolidated Mills Co.
 Neumond, Inc.
 The North American Trading & Import Co.
 Northern Ohio Sugar Co.
 Chas. Nunn & Sons Milling Co.
 Nutrena Mills, Inc.

Oelwein Chemical Co., Inc.
 Odon Milling Co.
 Ohio Valley Soybean Cooperative
 Orleans Candy Company
 Orleans Canning Co.
 Owensboro Grain Co.
 Owensboro Milling Co. (b)

Pacific Molasses Co.
 Packers By-Product Co.
 Pan American Mills (s)
 Phillip P. Park, Inc.

Pedrick Laboratories
 Pendleton County Mills
 Penick & Ford, Ltd., Inc.
 John J. Pepin & Co.
 Philips Roxane Div.
 Pillsbury Company
 Pittsburg Plate Glass Co.
 Planters Manufacturing Co.
 Planters Oil Co.
 Portland Feed Mill, Inc.
 Provico Feeds & Concentrates
 Publicker Chemical Co.
 Publicker Industries, Inc.

The Quaker Oats Company
 Quinnmenhaden Fisheries

Ralston Purina Company
 Reliance Chemical Corp.
 Riteway Milling Co.
 Robinson Milling Co. (m)
 Rome Oil Mill
 G. P. Rose & Co., Inc.
 The Ross Milling Co.
 Russells Company
 Russell-Miller Milling Co.
 Ryde & Company

S & O Products, Inc.
 Sandusky Brothers
 Sanford's Feed Service
 Salyersville Wholesale Co.
 Charles W. Schenk & Sons (s)
 Schenly Distillers, Inc.
 John Schlemmer
 Scientific Milling Co.
 Scioto Farm Bureau Coop. Ass'n.
 The Scott County Milling Co.
 Seaboard Allied Milling Co.
 Joseph E. Seagram & Sons, Inc.
 Security Food Company
 Security Mills, Inc.
 Shellabargers, Inc.
 The Sherwin-Williams Co.
 Sikeston Cotton Oil Mill
 Simmons Milk Products, Inc.
 The W. J. Small Co. Division
 J. Allen Smith
 Smith Packing Company
 Southcoast Fisheries Co.
 Southern Canning Sales, Inc.
 The Southern Cotton Oil Co. (Ala.)
 The Southern Cotton Oil Co. (Tenn.)
 Southern States Bardstown Cooperative
 Southern States Bowling Green Cooperative
 Southern States Boyle Cooperative
 Southern States Campbellsville Coop.
 Southern States Carlisle Cooperative
 Southern States Clark Cooperative
 Southern States Cynthiana Coop.
 Southern States Frankfort Coop.
 Southern States Fulton Coop.
 Southern States Georgetown Coop.
 Southern States Glasgow Coop.
 Southern States Hardin Coop.
 Southern States Henderson Coop.
 Southern States Hopkinsville Coop.

Southern States LaGrange Coop.
 Southern States Lebanon Coop.
 Southern States Leitchfield Coop.
 Southern States Lexington Coop.
 Southern States London Coop.
 Southern States Maysville Coop.
 Southern States Morganfield Coop.
 Southern States Owenton Coop.
 Southern States Rysellville Coop.
 Southern States Somerset Coop.
 Southern States Coop. Elkton Branch
 Specialty Food Company
 Specified, Inc.
 Spen-Well Feed Company
 St. Louis Brewers Yeast Co.
 A. E. Staley Manufacturing Co.
 Standard Brands, Inc.
 Standard Mills
 Standard Products Co., Inc.
 F. W. Stock & Sons, Inc.
 Suni-Citrus Products Co.
 Sunshine Feed Mill, Inc.
 Sunshine Molasses Co.
 Supreme Mills
 Surewill Mfg. Co., Inc.
 Sweet Feed, Inc.
 Swift & Company (Chicago)
 Swift & Company (Memphis)
 Swift & Company-Oil Mill
 Swift & Company-Pard Food Dept.

Teater & Cassity Farm Service
 The Topeka Flour Mills Corp.
 Trenton Cotton Oil Company
 Tri-County Farm Supply
 Tri-State Mills
 Tri-State Molasses Company

Union Sales Corporation
 United Salt Corporation
 Usen Canning Company

Valier & Spies Milling Co.
 Varner Milling Company
 Vets Division Perk Foods Co.
 Virginia-Carolina Chemical Corp.
 Vita Fresh Dog Food Corp.
 Vita Plus Corporation
 Vitaminal Products Co.
 VyLactos Laboratories, Inc.

W & W Hamstery
 Walters & Thompson (m)
 Weisenberger Sanitary Flour Mills
 Western Grain Co.
 Whitewater Flour Mills Co.
 Whitney Seed Co.
 William Davies Co., Inc.
 Williamstown Roller Mills (b)
 Woolcott Mills, Inc.

Yieldmor Feeds, Inc.
 Yopp Seed Company

WEIGHTS PER BUSHEL

Feeders and Feed Manufacturers often need to know the legal weight requirements for grain and seeds when sold for feeding and other purposes. The following is quoted from the Kentucky Revised Statutes in this connection.

363.040 (4821) Bushel, what weight constitutes. The following weights constitute a bushel of the article named:

- (1) Barley, forty-seven pounds.
- (2) Bluegrass seed, fourteen pounds.
- (3) Bottom onion sets, thirty-six pounds
- (4) Bran, twenty pounds.
- (5) Buckwheat, fifty-six pounds.
- (6) Castor beans, forty-five pounds.
- (7) Clover seed, sixty pounds.
- (8) Coal, seventy-six pounds.
- (9) Corn in the ear, seventy pounds, from November 1 to December 31 inclusive, and sixty-eight pounds at all other times of the year.
- (10) Corn meal, fifty pounds.
- (11) Corn, shelled, fifty-six pounds.
- (12) Dried apples, twenty-four pounds.
- (13) Dried peaches, thirty-nine pounds.
- (14) Ear corn in the shuck, seventy-five pounds.
- (15) English bluegrass seed, fourteen pounds.
- (16) Fine salt, fifty-five pounds.
- (17) Flax seed, fifty-six pounds.
- (18) Ground peas, twenty-four pounds.
- (19) Hemp seed, forty-four pounds.
- (20) Hungarian grass seed, fifty pounds.
- (21) Irish potatoes, sixty pounds.
- (22) Millet seed, fifty pounds.
- (23) Oats, shelled, thirty-two pounds.
- (24) Onions, fifty-seven pounds.
- (25) Orchard grass seed, fourteen pounds.
- (26) Peas, sixty pounds.
- (27) Plastering hair, eight pounds.
- (28) Rye, fifty-six pounds.
- (29) Salt, fifty pounds.
- (30) Sweet potatoes, fifty-five pounds.
- (31) Timothy seed, forty-five pounds.
- (32) Turnips, sixty pounds.
- (33) Unslaked lime, thirty-five pounds.
- (34) Wheat, sixty pounds.
- (35) White beans, sixty pounds.

UREA

The following information may be of some help to manufacturers and feeders using urea.

Urea is a white crystalline powder made by combining ammonia and carbon dioxide under pressure in equipment that will withstand high temperature.

Urea contains 46.5% nitrogen, which is equivalent to 291% protein. The commercial product "262" Feed Compound, is urea which has been diluted with other materials to prevent caking, and contains 42% nitrogen which is equivalent to 262% protein. The addition of 1 percent of this material to a dairy feed is equivalent to adding 2.62% protein. Besides urea's protein equivalent value, one must also consider its lack of energy value as compared to the common high protein feeds. An example of this, if the nitrogen in urea is used as efficiently as the nitrogen in high protein feeds, it will require approximately 14 pounds of urea, plus 100 pounds of grain to replace 100 pounds of soybean oilmeal.

Urea, when used as an ingredient in feeds sold in Kentucky is shown in the guaranteed analysis as follows: Crude Protein _____%. This includes not more than _____% equivalent crude protein from non-protein nitrogen. Crude Fat _____%. Crude Fiber _____%. One percent of "262 Feed Compound" would be 2.62% equivalent protein from non-protein nitrogen. Urea should be shown as an ingredient under "Ingredients".

Cattle, sheep, and goats are able to convert urea to a usable form through the action of micro-organisms in the rumen. The organisms convert the nitrogen of urea to protein in their cell bodies which are in turn digested by the animal.

Horses, swine, dogs, and other single-stomach animals are unable to utilize urea.

The Association of American Feed Control Officials has a regulation to the effect that urea be used in such limited quantities as to insure the total amount present shall not exceed 3 percent of the (grain) ration or 1/3 of the total protein. If a feed contains more than 3 percent of urea, the label shall bear a statement of proper usage and the following in type of such conspicuousness as to render it likely to be read and understood by ordinary individuals under customary conditions of purchase and use.

WARNING: This feed should be used only in accordance with directions furnished on the label.

AVERAGE COMPOSITION OF THE MORE COMMON FEEDSTUFFS

Feedstuff	Protein	Fats	Carbohydrates		Water	Ash
			Fiber	N. F. Extract		
Alfalfa Leaf Meal	21.0	2.8	16.0	40.5	7.7	12.0
Alfalfa Meal	14.0	2.0	30.0	36.0	9.0	9.0
Barley	12.0	2.0	5.4	67.3	10.6	2.7
Barley Feed	13.5	3.5	8.7	60.9	9.3	4.9
Beet Pulp, Dried	9.2	0.5	19.8	47.2	9.9	3.4
Blood, Dried	84.5	1.1	1.0	0.7	8.2	4.5
Bone Meal, Raw	26.0	5.0	1.0	2.5	6.4	59.1
Bone Meal, Steamed	7.5	1.2	1.5	3.2	5.7	81.3
Brewers Dried Grains	25.0	6.4	16.0	41.0	7.7	3.9
Buckwheat	10.8	2.5	10.5	62.3	12.0	1.9
Buttermilk, Dried	33.0	6.0	0.3	43.1	7.6	10.0
Buttermilk, Semi-Solid	13.4	3.0	0.0	15.9	65.0	2.7
Citrus Meal	5.9	3.1	11.5	62.7	9.9	6.9
Coconut Oil Meal	20.5	8.0	10.0	45.0	9.5	6.5
Corn	8.0	3.9	2.0	69.9	15.0	1.2
Corn Bran	9.7	7.3	9.2	62.0	9.4	2.4
Corn and Cob Meal	7.0	3.5	8.0	66.1	14.1	1.5
Crushed Ear Corn & Shucks	7.0	3.0	10.6	69.2	11.0	1.8
Corn Chop	8.0	3.5	2.0	71.0	14.0	1.5
Corn Feed Meal	8.0	4.5	3.0	71.0	11.4	2.0
Corn Germ Meal	21.0	9.0	9.0	50.7	7.0	3.3
Corn Gluten Feed	25.5	2.7	7.6	48.8	9.1	6.3
Corn Gluten Meal	43.1	2.0	4.0	39.8	8.6	2.5
Cottonseed Meal	41.5	6.3	10.4	28.1	7.2	6.5
Cottonseed Meal Solvent	41.1	2.1	11.0	31.1	9.2	6.8
Cottonseed Feed	34.6	6.3	14.1	31.5	7.6	5.9
Distillers Dried Grains, Corn	26.1	8.8	12.8	44.2	7.1	2.5
Distillers Dried Grains, Rye	24.4	5.6	11.5	48.3	6.1	22.4
Distillers Dried Solubles	28.5	9.6	4.4	42.5	7.0	7.4
Fish Meal	60.9	6.8	0.9	5.0	7.1	17.6
Flaxseed	24.0	35.9	6.3	24.0	9.2	4.3
Flaxseed Screenings Oil Feed	25.0	7.1	11.7	40.3	8.1	7.8
Hominy Feed	11.2	6.9	5.2	64.2	9.6	2.9
Lespedeza Seed	36.6	7.6	9.6	32.8	8.3	5.1
Linseed Meal	35.4	5.8	8.2	36.0	9.0	5.6
Linseed Meal Solvent	36.6	1.0	9.3	38.3	9.6	5.6
Malt Sprouts	26.8	1.3	14.2	44.3	7.4	6.0
Meat Scraps 55%	55.8	9.3	2.1	1.3	6.1	25.4
Meat & Bone Scraps, 50%	51.0	10.1	2.1	1.6	6.1	29.1
Molasses, Cane	3.0	0.0	0.0	61.7	25.7	6.1
Molasses, Beet	7.8	0.0	0.0	62.1	22.0	7.0
Oats	12.0	4.6	11.0	58.6	10.4	3.4
Oat Kernels	16.0	6.4	1.6	66.0	8.0	2.0
Oat Middlings	15.9	5.2	3.3	64.6	8.6	2.4
Peanut Kernels	30.4	47.7	2.5	11.7	5.4	2.3
Peanut Meal	43.5	7.6	13.3	23.4	7.0	5.2
Peanut Meal, Solvent	51.5	1.4	5.7	27.2	8.4	5.8
Peanut Skins	15.9	22.4	10.6	42.2	6.2	2.7
Rice Bran	12.5	12.5	12.5	44.0	9.0	9.5
Rye	11.8	1.8	1.8	73.2	9.4	2.0
Rye Middlings	16.6	3.4	5.2	61.2	9.8	3.8
Skimmed Milk, Dried	34.0	1.0	0.0	51.0	6.0	8.0
Sorghum Grains	9.5	3.4	2.0	72.2	12.0	1.9
Soybean (Seed)	36.5	17.5	4.3	26.5	9.9	5.3
Soybean Meal	44.3	5.3	5.7	29.6	9.1	6.0
Soybean Meal, Solvent	46.1	1.0	5.9	31.8	9.4	5.8

Average Composition of the More Common Feedstuffs, Continued

Feedstuff	Protein	Fats	Carbohydrates			Water	Ash
			Fiber	N. F. Extract			
Tankage, 60%	60.6	8.5	2.0	1.8	6.9	20.2	
Tankage with Bone 50%	51.3	11.5	2.3	2.3	6.2	26.1	
Wheat	10.5	1.7	2.8	72.9	10.2	1.9	
Wheat Bran	14.0	3.5	9.5	56.9	10.1	6.0	
Wheat Mill Run	13.5	3.5	7.5	60.2	10.1	5.2	
Wheat Middlings	15.0	3.5	7.0	58.7	10.3	5.4	
Wheat Shorts	15.0	3.5	6.0	60.6	10.5	4.4	
Wheat Red Dog	16.0	3.5	3.0	66.4	8.5	2.6	
Wheat Flour, Patent	10.9	1.3	0.4	74.7	12.3	0.5	
Wheat Germ Meal	27.8	9.2	3.3	44.4	8.9	4.5	
Grain Screenings (From Wheat)	10.5	1.7	2.8	70.8	9.6	4.6	
Whey, Dried	12.2	0.8	0.2	70.4	6.5	9.9	
Yeast Brewers, Dried	44.9	0.7	2.7	38.8	6.2	6.9	
Yeast, Irradiated, Dried	48.7	1.1	5.5	32.2	6.4	6.4	
<u>ROUGHAGES</u>							
Alfalfa Hay	14.5	2.3	29.7	36.3	8.6	8.6	
Blue Grass Hay	8.2	2.5	29.8	42.5	10.5	6.5	
Clover Hay, White	14.4	2.4	22.5	40.9	12.0	7.8	
Clover Hay, Red	11.8	2.6	27.3	40.1	11.8	6.4	
Corn Stover, without ear	5.9	1.6	30.8	46.5	9.4	5.8	
Corn Stover, with ear	7.8	2.2	27.1	47.6	8.9	6.4	
Cowpea Hay	18.6	2.6	22.5	35.1	9.9	11.3	
Fescue Hay	7.0	1.9	30.3	43.2	11.8	6.8	
Lespedeza Hay	13.5	2.5	28.0	40.1	10.5	5.4	
Soybean Hay	15.5	2.8	26.5	38.7	9.2	7.3	
Timothy Hay	6.2	2.5	29.8	45.0	11.6	4.9	
<u>FILLERS</u>							
Alfalfa Stem Meal	11.5	1.3	36.3	34.8	9.0	7.1	
Corn Cob	2.3	0.4	32.1	54.0	9.6	1.6	
Corn Husk or Shuck	3.4	0.9	28.2	49.6	15.0	2.9	
Cottonseed Hulls	3.9	1.0	45.5	37.2	9.7	2.7	
Flax Plant By-Products	6.4	2.1	44.4	33.1	8.1	5.9	
Oat Mill By-Product	5.6	1.8	27.9	50.8	7.6	6.3	
Oat Hull Feed	3.5	1.5	32.5	49.3	7.6	5.6	
Oat Hulls	3.0	1.0	35.0	47.7	6.8	6.5	
Screenings*							
Chaff and dust**							

*Varies in quality from fair.

**Varies in quality from poor to worthless and even dangerous.

Miscellaneous Samples Analyzed in 1947-62

Feedstuff	Protein	Fat	Fiber
Activated Sewer Sludge	29.2	6.0	6.7
Alfalfa Silage	4.0	0.9	9.5
Barley Bran	15.2	5.2	14.9
Bluegrass Chaff	7.1	1.9	28.5
Bluegrass Screenings	6.7	2.0	26.1
Blackberry Seeds	9.6	---	---
Bread	12.5	5.3	0.7
Brewers Wet Grains	10.3	1.0	3.4
Buckwheat Feed & Hulls	9.6	2.9	22.4
Cake, Ground	4.8	9.9	1.5
Cob & Shuck Meal	3.2	0.6	31.6
Cookie Meal	7.7	8.6	0.8
Corn Dust	7.1	2.7	1.7
Corn Blowings	8.7	1.9	15.7
Corn Fodder & Soybean Plant	10.1	3.9	17.0
Cracklings, Edible	67.1	28.1	1.1
Cracklings, Inedible	44.1	22.2	3.0
Distillers Thin Slop	1.4	---	---
Fescue Silage	2.8	1.3	8.9
Honey Suckle	2.8	0.02	6.0
Ice Cream Cones, Ground	9.2	1.5	0.7
Johnson Grass	7.8	0.8	37.6
Kale Seed	24.3	40.0	9.6
Korean Hay	13.9	---	---
Korean Screenings	21.9	3.6	20.8
Lespedeza Screenings	19.8	15.7	26.2
Lima Beans, Ground	21.5	1.5	6.1
Malt Hulls, Ground	10.3	1.8	22.5
Osage Orange Apple	2.5	4.3	1.7
Peanut Vine Meal	10.1	2.3	34.0
Popcorn, Ground	9.4	2.5	2.7
Popcorn, Popped and Crushed	8.4	12.8	2.9
Potato Flour	2.0	---	---
Potato Flakes	9.0	---	---
Rag Weed Seed	17.2	16.2	34.4
Sorghum, Ground (Stalk & Leaves)	4.1	2.9	19.6
Ground Unthreshed Heads of Grain Sorghum	6.4	2.1	10.5
Fescue & Clover Silage	2.0	1.0	8.0
Oat Silage	1.9	1.5	9.8
Straw Silage	6.5	3.0	19.5
Sudan Grass Silage	5.9	1.1	14.0
Sudan & Soybean Silage	2.4	0.6	7.9
Vetch Seed	26.4	0.7	7.6
Walnut Shells & Meats	13.2	24.2	27.1
Walnut Meat Skins & Small Amount of Shell	21.5	45.5	12.0
Wheat Toast, Ground	12.6	4.9	0.5
Wild Onions	6.7	0.2	1.0
Wheat Silage	4.4	1.4	22.7

TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1962

For samples not passed see Table 2

NAME AND ADDRESS OF MANUFACTURER	Number of Samples Analyzed and Examined	Number of Samples Passed	Number of Samples Not Passed
The Abilene Flour Mills Company, Abilene, Kansas	2	1	1
Acme-Evans Company, Inc., Indianapolis, Indiana	1	1	
Albany Mills, Albany, Kentucky	4	1	3
Albers Milling Company, Los Angeles, California	20	16	4
Allen Products Company, Inc., Allentown, Penn.	4	2	2
Allied Food Distributors, Inc., Atlanta, Georgia	8	8	
Allied Mills, Inc., Chicago, Illinois	98	90	8
Anderson & Spilman, Danville, Kentucky	4	3	1
Andrews Mill, Russellville, Kentucky	2	1	1
Anderson County Farm Service, Lawrenceburg, Ky.	1	1	
Anglo Sweet Feed Mill, Inc., Owensboro, Kentucky	4	2	2
Animal Foods Company of Texas Inc., Houston, Tex.	1	1	
Archer-Daniel-Midland Co., Minneapolis, Minnesota	12	11	1
Armour & Company, Chicago, Illinois	5	5	
Ashland Milling Company, Ashland, Kentucky	19	13	6
The Great Atlantic & Pacific Tea Company, Brooklyn, New York	12	11	1
Aubrey Feed Mills, Inc., Louisville, Kentucky	150	138	12
The Auburn Mills, Inc., Auburn, Kentucky	27	19	8
Austin Dog Food Division of Sunshine Biscuits, New York City, New York	2	2	
Aylor & Meyer Company, Aurora, Indiana	6	6	
Bagdad Roller Mills, Bagdad, Kentucky	62	50	12
Baltic Mills, Inc., Vincennes, Indiana	4	4	
Banner Feed Mills, Huntington, West Virginia	5	4	1
Bardstown Mills, Bardstown, Kentucky	2	2	
Bardwell Milling Company, Bardwell, Kentucky	1	1	
Barnett Company, Harrodsburg, Kentucky	2	2	
Barry-Carter Milling Company, Lebanon, Tenn.	1		1
Barton Distilling Company, Bardstown, Kentucky	5	5	
Bates Farm Supply, Dry Ridge, Kentucky	2	2	
Baughman Milling Company, Stanford, Kentucky	21	12	9
James B. Beam Distilling Co., Clermont, Kentucky	1	1	
B. A. Bernard & Company, Camden, New Jersey	5	3	2
Best Feeds & Farm Supplies, Inc., Oakdale, Pennsylvania	1	1	
Best Foods Div. Corn Products Co., Waverly, N. Y.	1		1
Bi-County Farm Bureau Coop., Florence, Kentucky	5	4	1
Bobb Brother, Leesburg, Ohio	3	3	
Birmingham Milling Company, Benton, Kentucky	4	3	1
Bourjon Milling Company, Memphis, Tennessee	1	1	Not registered
Bow Wow Company, Rolla, Missouri	1		1

TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1962

For samples not passed see Table 2

NAME AND ADDRESS OF MANUFACTURER	Number of Samples Analyzed and Examined	Number of Samples Passed	Number of Samples Not Passed
Boyle Packing Company, Danville, Kentucky	4	2	2
Bremco Alfalfa Mills, Inc., New Bremen, Ohio	4	3	1
The Brode Corp., Memphis, Tennessee	1	1	
Browder Milling Company, Fulton, Kentucky	6	5	1
Bryant & Crume Milling Company, Canneyville, Ky.	6	6	
The Buckeye Cellulose Corp., Cincinnati, Ohio	3	3	
Buhner & Company, Louisville, Kentucky	8	3	5
Bundy Brothers Mill Company, Medora, Indiana	9	9	
Burch Hester Feed Store, Hustonville, Kentucky	5	2	3
Bush Brothers & Company, Clinton, Tennessee	14	13	1
A. C. Butts & Son, Fulton, Kentucky	1	1	
Cadiz Milling Company, Cadiz, Kentucky	20	12	8
Caneyville Roller Mill, Caneyville, Kentucky	4	4	
Cardinal Food Products, Inc., St. Louis, Mo.	2		2
Cargill, Inc., Minneapolis, Minnesota	2	2	
Carnation Company, Los Angeles, California	4	4	
Carroll Co. Farm Bureau Coop., Carrollton, Ky.	2	2	
Casey County Farm Supply, Liberty, Kentucky	4	4	
Cat Life Packing Company, Chicago, Illinois	4	4	
Central Soya, Fort Wayne, Indiana	120	87	33
Chestnut & Anderson Feed & Supply, Hopkinsville, Kentucky	1	1	
Chickasaw Oil Mill, Inc., Memphis, Tennessee	2	2	
Citizens Milling Company, Somerset, Kentucky	3	3	
City Roller Mills, Vevay, Indiana	4	4	
Clarkson Feed Store, Clarkson, Kentucky	2	2	
Climax Roller Mills, Shelbyville, Kentucky	1		1
Clinton Corn Processing Co., Clinton, Iowa	1	1	
Clinton Hatchery, Clinton, Kentucky	5	3	2
Clinton Milling Company, Clinton, Kentucky	29	24	5
Coast Fisheries, Wilmington, California	8	7	1
Clell Coleman & Sons, Burgin, Kentucky	30	19	11
H. C. Cole Milling Company, Chester, Illinois	8	5	3
The Colorado Milling & Elevator Company, Denver, Colorado	3		3
Columbus Canning Co., Columbus, Mississippi	1	1	
Commander-Larabee Milling Co., Minneapolis, Minn.	1		1
Community Milling Company, Irvington, Kentucky	15	10	5
Cooper Brothers, Elizabethtown, Kentucky	1	1	
Cooperative Mills, Inc., Cincinnati, Ohio	183	165	18
Corn Products Processing Co., Peking, Illinois	1	1	
Crescent Roller Mills, Co., Taylorsville, Ky.	8	5	3

TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1962

For samples not passed see Table 2

Number of Samples Not Passed	NAME AND ADDRESS OF MANUFACTURER	Number of Samples Analyzed and Examined	Number of Samples Passed	Number of Samples Not Passed
2	Crestwood Farmers Supply Center, Crestwood, Ky.	19	11	8
1	Custom Feed Mills, Morganfield, Kentucky	14	14	
1	Dawe's Laboratories, Inc., Chicago, Illinois	1	1	
	Dearborn Mills, Aurora, Indiana	28	27	1
	Decatur Cotton Oil Company, Decatur, Alabama	1		1
5	Decatur Elevators Company, Decatur, Illinois	3	3	
	W. C. Dicken, Mentor, Kentucky	11	10	1
3	Dinner Bell Dog Food Company, South Lyon, Mich.	1	1	
1	Dixie Mills Company, East St. Louis, Illinois	6	6	
	Dixie Portland Flour Mills, Memphis, Tennessee	5	3	2
	Doyle Packing Company, Chicago, Illinois	4	3	1
8	Joe E. Doggett, Inc., Jeffersonville, Indiana	1	1	
	Duncan & McFarland Farm Service, Lawrenceburg, Kentucky	8	7	1
2	Dyersburg Oil Mill Company, Dyersburg, Tennessee	9	9	
	The Early & Daniel Company, Cincinnati, Ohio	65	58	7
	East Tennessee Packing Co., Knoxville, Tennessee	1	1	
	F. L. Emmert Company, Cincinnati, Ohio	4	4	
33	Empire Distributing Co., St. Louis, Missouri	1	1	
	Emge Packing Company, Inc., Ft. Branch, Indiana	2	2	
	John W. Eshelman & Sons, Lancaster, Pennsylvania	23	18	5
	Ewing Mill Company, Ewing, Indiana	3	3	
	Fabro, Inc., Athens, Georgia	13	12	1
	Farm Bureau Milling Co., Hammond, Indiana	2	2	
1	Famous Feed Mills, Nashville, Tennessee	22	13	9
	Farmers Elevators, Inc., Owensboro, Kentucky	10	8	2
2	Farmers Elevators Company, Franklin, Kentucky	3	3	
5	Farmers Feed Store, Central City, Kentucky	6	5	1
1	Farmers & Merchants Milling Company, Brooksville, Kentucky	9	6	3
11	Farmers Milling Company, Somerset, Kentucky	10	7	3
3	Farmers Supply Company, Springfield, Kentucky	3	3	
3	Farmers Union Mill, Versailles, Kentucky	2	2	
	Farmers Tankage Company, Henderson, Kentucky	1		1
1	Farm Minerals Company, Inc., Wilkinson, Indiana	1		1
5	Farmington Sweet Feed Mill, Farmington, Kentucky	1	1	
	J. H. Fedders, Inc., Covington, Kentucky	5	5	
18	Ferncliff Feed & Grain Company, Inc., Louisville, Kentucky	28	26	2
3	Fischer Packing Co., Inc., Louisville, Kentucky	2	2	

TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1962

For samples not passed see Table 2

NAME AND ADDRESS OF MANUFACTURER	Number of Samples Analyzed and Examined	Number of Samples Passed	Number of Samples Not Passed
Fischer Products Company, Inc., New York, N. Y.	1	1	
Flambeau Milling Company, Phillips, Wisconsin	3	1	2
Flesichmann Distilling Co., Owensboro, Kentucky	1	1	
Folsomdale Milling Company, Boaz, Kentucky	4	4	
Fort Negley Mills, Nashville, Tennessee	4	2	2
Foster Canning, Inc., Napoleon, Ohio	1	1	
Francis Wholesale Company, Prestonsburg, Ky.	3	3	
The R. T. French Co., Rochester, New York	3	3	
Frosty Morn Meats, Clarksville, Tennessee	5		5
Henry Fruechtenicht Company, Inc., Louisville, Kentucky	103	91	12
Fruen Milling Company, Minneapolis, Minnesota	1		1
Fuhrer-Ford Mill Company, Inc., Mt. Vernon, Ind.	19	10	9
Gallatin County Farm Supply, Warsaw, Kentucky	3	3	
Garden Street Mill & Elevator, Louisville, Ky.	6	6	
Garrard Mills, Lancaster, Kentucky	22	11	11
J. I. Gates Milling Company, Columbus, Ohio	2	1	1
General Distributors, South Ft. Mitchell, Ky.	4	3	1
General Foods Corp., Kankakee, Illinois	4	4	
The General Packing Company, Waynesville, Ohio	6	5	1
General Mills, Inc., Minneapolis, Minnesota	8	7	1
Germantown Milling Co., Germantown, Kentucky	4	2	2
Gilster Milling Company, Chester, Illinois	3	3	
Glenmore Distilleries Co., Owensboro, Kentucky	1	1	
Goff Milling Company, Horse Cave, Kentucky	2	2	
Goldenrod Oil Meal Sales Co., Memphis, Tenn.	4	4	
Green County Milling Co., Greensburg, Kentucky	5	3	2
Gwinn Brothers & Company, Huntington, W. Va.	17	13	4
Hales & Hunter Company, Chicago, Illinois	34	21	13
Hardin County Milling Co., Elizabethtown, Ky.	3	3	
Hardin Feed Mill, Hardin, Kentucky	4	4	
Hardy Brothers Mill, Walton, Kentucky	4	4	
Harpeth Mills, Nashville, Tennessee	9	5	4
Hartz Mountain Products Corp., New York, N. Y.	6	6	
Harvest Brand, Inc., Pittsburg, Kansas	2	1	1
The P. H. Harsha Milling Co., Portsmouth, Ohio	11	8	3
T. J. Haycraft Sales & Service, Leitchfield, Ky.	3	2	1
Haydon Mill & Grain Co., Springfield, Kentucky	21	13	8
Heaven Hill Distillers, Inc., Bardstown, Ky.	6	6	
Henderson Feed & Commission Company, Henderson, Kentucky	1	1	

Commercial Feeds in Kentucky, 1962
 TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1962

For samples not passed see Table 2

NAME AND ADDRESS OF MANUFACTURER	Number of Samples Analyzed and Examined	Number of Samples Passed	Number of Samples Not Passed
Dr. Heinz Company, Washington C H, Ohio	26	13	13
Hi-Life Packing Company, Chicago, Illinois	2	2	
Hickman County Feed Mill, Clinton, Kentucky	1	1	
T. G. Hill & Company, Atlanta, Georgia	4	4	
Hill Packing Company, Topeka, Kansas	5	5	
Hodgenville Roller Mill, Hodgenville, Kentucky	2	1	1
Home Milling Company, Inc., Greenville, Kentucky	21	6	15
Hopkinsville Milling Company, Hopkinsville, Ky.	6	6	
Huff & Puff Pet Foods, Inc., Reedville, Virginia	2	1	1
Hulman & Company, Terre Haute, Indiana	1	1	
Hygrade Food Products Corp., Detroit, Michigan	1	1	
Igleheart Brothers, Evansville, Indiana	8	4	4
Illinois Cereal Mills, Inc., Paris, Illinois	3	3	
Illinois Soy Products Company, Springfield, Ill.	5	4	1
J. F. Imbs Milling Company, St. Louis, Missouri	4	4	
Independent Oil Mill, Inc., Jackson, Tennessee	2	1	1
International Milling Co., Minneapolis, Minn.	2	2	
Jet Products, Inc., Columbus, Mississippi	1	1	
Kaler Milling Company, Symsonia, Kentucky	3	3	
Keller Hay & Grain Company, Newport, Kentucky	4	4	
Kellogg Company, Battle Creek, Michigan	2	2	
Spencer Kellogg, Kansas City, Missouri	25	19	6
Ken-L-Products, Chicago, Illinois	1	1	
Kentucky By-Products Corp., Louisville, Kentucky	8	4	4
Kentucky Chemical Industries, Cincinnati, Ohio	1	1	
Keynes Brothers, Logan, Ohio	12	3	9
F. W. Kibler Milling Co., Mount Orab, Ohio	1	1	
The Klarer Company, Louisville, Kentucky	1	1	
Knifley Feed & Supply, Elkhorn, Kentucky	3	2	1
H. C. Knoke & Company, Chicago, Illinois	1	1	
Ed. G. Koehl, Inc., Reading, Ohio	2	2	
Kraft Foods, Chicago, Illinois	1	1	
Krey Packing Company, St. Louis, Missouri	1	1	
La Budde Feed & Grain Co., Milwaukee, Wisconsin	1	1	
La Cross Milling Co., Cockrane, Wisconsin	1	1	
Lake County Oil Mill, Tiptonville, Tennessee	10	8	2
Lanark Feed Mill, Lanark, Illinois	1	1	Not registered

TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1962

For samples not passed see Table 2

NAME AND ADDRESS OF MANUFACTURER	Number of Samples Analyzed and Examined	Number of Samples Passed	Number of Samples Not Passed
Lamar SRI Buenos Aires, Industria, Argentina	1	1	
Lauhoff Soya Company, Danville, Illinois	1	1	
Harry L. Laws & Co., New Orleans, Louisiana	1	1	
Lee Dog Food Company, La Grange, Kentucky	1		1
Lewisburg Roller Mills, Lewisburg, Kentucky	8	3	5
Lexington Roller Mills, Lexington, Kentucky	42	35	7
Life Guard Feeds, Columbus, Ohio	11	10	1
Lincoln Farm Service, Stanford, Kentucky	4	4	
Lipscomb Farm Supply, Walton, Kentucky	3	3	
Lofton's Feed & Grain, Clay, Kentucky	3		3
London Feed & Milling Company, London, Kentucky	1	1	
Louisa Supply Company, Louisa, Kentucky	6	6	
Lovelaceville Feed Mill, Lovelaceville, Kentucky	2	2	
L. B. Lovitt & Company, Memphis, Tennessee	7	5	2
Lowe's Feed & Hatchery, Bowling Green, Kentucky	12	7	5
Lynn Grove Milling Company, Lynn Grove, Kentucky	2	2	
Mavar Shrimp & Oyster Co., Inc., Biloxi, Miss.	4	4	
Maxton Oil & Fertilizer Co., Maxton, N. Carolina	2	2	
Markin Feed Company, Ironton, Ohio	1	1	
Mayfield Milling Company, Mayfield, Kentucky	9	8	1
Mayfield Sweet Feed Mill, Mayfield, Kentucky	18	15	3
McCauley Bros. Seed Company, Versailles, Ky.	1	1	
McGahan Feed Company, Paintsville, Kentucky	1	1	
McKnight-Keaton Grocery Co., Sikeston, Missouri	4	4	
McRedmond Bro., Inc., Nashville, Tennessee	1		1
Metcalfe County Farmers Supply, Inc., Edmonton, Kentucky	2	2	
Meadows Feed & Building Supply, Clay City, Ky.	6	4	2
The Mennel Milling Company, Fostoria, Ohio	4	4	
Metzger Bros., Paducah, Kentucky	4		4
Middlesboro Milling Co., Middlesboro, Kentucky	10	9	1
Midget Mill, Somerset, Kentucky	3	2	1
Midwest Feeds, Cincinnati, Ohio	1		1
S. E. Mighton Company, Bedford, Ohio	6	6	
Milliken Sweet Feed Mill, Franklin, Kentucky	3		3
Minnesota Linseed Oil Co., Minneapolis, Minn.	1	1	
Minter City Oil Mill, Minter City, Mississippi	1	1	
Model Mills, Georgetown, Kentucky	1		1
Model Mill Company, Inc., Jackson, Tennessee	1	1	
Mohawk Roller Mills, Mohawk, Tennessee	1	1	
August Moldenhauer Mill, Menfro, Missouri	1	1	

TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1962

For samples not passed see Table 2

NAME AND ADDRESS OF MANUFACTURER	Number of Samples Analyzed and Examined	Number of Samples Passed	Number of Samples Not Passed
Monarch Milling Company, Mt. Sterling, Kentucky	3	1	2
Monroe Bros. Sweet Feed Mill, Cave City, Kentucky	1	1	
Monroe Sweet Feed Mill, Tompkinsville, Kentucky	2	2	
Moorman Manufacturing Company, Quincy, Illinois	11	11	
Morgan Packing Company, Inc., Austin, Indiana	3	3	
Morgantown Feed Mill, Morganfield, Kentucky	6	4	2
John Morrell & Company, Chicago, Illinois	5	5	
L. A. Mosher Company, Atlanta, Georgia	1	1	
Mt. Vernon Milling Company, Mt. Vernon, Indiana	4	4	
Munfordville Milling Company, Munfordville, Ky.	3	3	
Murphy Grain & Milling Co., Owensboro, Kentucky	8	4	4
Murphy Products Company, Burlington, Wisconsin	3	3	
Myers & Clark Milling Co., Inc., Ashland, Ky.	1	1	
H. Nagel & Son, Cincinnati, Ohio	5	2	3
Nashville Cotton Oil Mill Corp., Nashville, Tenn.	5	5	
National Biscuit Company, Toledo, Ohio	4	4	
National Milling Company, Toledo, Ohio	1	1	
National Distillers Products Company, New York, New York	1		1
National Molasses Company, Cincinnati, Ohio	12	12	
National Oats Company, East St. Louis, Illinois	23	22	1
Neuhoff Packing Company, Nashville, Tennessee	1		1
The New Era Milling Co., Arkansas City, Kansas	8	8	
Nine-Lives Pet Food Co., Terminal Island, Calif.	2	1	1
The North American Trading & Import Company, Philadelphia, Pennsylvania	1	1	
Charles Nunn & Sons Milling Company, Evansville, Indiana	29	24	5
Nutrena Mills, Inc., Minneapolis, Minnesota	5	3	2
Oden Milling Company, Oden, Indiana	2	1	1
Ohio Valley Soybean Corp., Henderson, Kentucky	6	5	1
Orleans Canning Company, Chicago, Illinois	7	3	4
Orleans Dog Candy Company, Chicago, Illinois	2	2	
Owensboro Grain Company, Owensboro, Kentucky	16	13	3
Owensboro Milling Company, Owensboro, Kentucky	24	23	1
Pan American Mills, Bowling Green, Kentucky	18	16	2
Patterson & Guthrie, Harrodsburg, Kentucky	2	2	
Pearl Packing Company, Inc., Madison, Indiana	1	1	
Pedrick Laboratories, Sand Springs, Oklahoma	2	1	1
Pennington Gap Milling Co., Pennington Gap, Va.	2	2	

TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1962

or samples not passed see Table 2

NAME AND ADDRESS OF MANUFACTURER	Number of Samples Analyzed and Examined	Number of Samples Passed	Number of Samples Not Passed
Perk Foods Company, Chicago, Illinois	1	1	
Pet Food Packers, Washington C H, Ohio	3	1	2
Pierce & Williams, Hopkinsville, Kentucky	10	8	2
The Pillsbury Company, Minneapolis, Minnesota	59	46	13
Planters Oil Mill, Tunica, Mississippi	2	1	1
Proviso Feed & Concentrates, Botkins, Ohio	2	2	
The Quaker Oats Company, Chicago, Illinois	51	42	9
C. B. Ragland Company, Nashville, Tennessee	1	1	
Ralston Purina Company, St. Louis, Missouri	223	210	13
Randolph Milling Company, Bandana, Kentucky	3	2	1
Reelfoot Alfalfa Mill, Tiptonville, Tennessee	3	3	
Regal Feed Mills, Nashville, Tennessee	1	1	
Rhodes Sweet Feed Mill, Mayfield, Kentucky	1		1
Riteway Milling Company, Otway, Ohio	2	1	1
Rival Packing Company, Chicago, Illinois	4	4	
River Brand Rice Mills, Inc., Memphis, Tennessee	1		1
Riverside Molasses Company, Cincinnati, Ohio	3	3	
Robbins Brothers, Auburn, Kentucky	4		4
Roberts Feed & Implement Store, Hebron, Kentucky	2	1	1
The Robertson Corp., Ewing, Indiana	1	1	
Robinson Milling Company, Somerset, Kentucky	19	11	8
Rogers Feed Store, Corinth, Kentucky	4	2	2
G. P. Rose, Inc., Nashville, Tennessee	3	3	
Ross Feed Company, Murray, Kentucky	9	9	
Russell Springs Milling Co., Russell Springs, Ky.	3	1	2
Russells Company, Hilliards, Ohio	1	1	
Ryle & Company, Chicago, Illinois	1	1	
Salyersville Wholesale, Inc., Salyersville, Ky.	1	1	
Sandusky Brothers, Harrodsburg, Kentucky	15	12	3
Charles H. Schenk & Sons, Vincennes, Indiana	3	3	
Schenley Distillers, Inc., Frankfort, Kentucky	2	2	
John Schlemmer, Harrison, Ohio	1	1	
The Scott County Milling Co., Sikeston, Missouri	14	11	3
Scottsville Feed Mill, Scottsville, Kentucky	2	1	1
Joseph E. Seagram & Sons, Inc., New York, N. Y.	2	2	
Security Mills, Inc., Knoxville, Tennessee	9	7	2
Sikeston Cotton Oil Mill, Inc., Sikeston, Mo.	1		1
Simpson Milling Company, Columbia, Kentucky	1	1	
J. Allen Smith & Company, Knoxville, Tennessee	3	3	
Smithfield Milling Co., Smithfield, Kentucky	2	1	1

TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1962

For samples not passed see Table 2

NAME AND ADDRESS OF MANUFACTURER	Number of Samples Analyzed and Examined	Number of Samples Passed	Number of Samples Not Passed
South Coast Fisheries, Long Beach, California	1		1
Southern Cotton Oil, Memphis, Tennessee	3	2	1
Southern Rendering Co., Shelbyville, Tennessee	1	1	
Southern States Bardstown Coop., Bardstown, Ky.	5	4	1
Southern States Clark Coop., Winchester, Ky.	4	4	
Southern States Campbellsville Coop., Campbellsville, Kentucky	3	3	
Southern States Carlisle Coop., Carlisle, Ky.	2	2	
Southern States Frankfort Coop., Frankfort, Ky.	1		1
Southern States Glasgow Coop., Glasgow, Kentucky	5	5	
Southern States Hardin Coop., Elizabethtown, Ky.	6	4	2
Southern States Hopkinsville Coop., Hopkinsville, Kentucky	8	5	3
Southern States La Grange Coop., La Grange, Ky.	2	2	
Southern States Lebanon Coop., Lebanon, Kentucky	3	3	
Southern States Leitchfield Coop., Leitchfield, Kentucky	2	2	
Southern States London Coop., London, Kentucky	2	2	
Southern States Monroe County Farmers Service, Tompkinsville, Kentucky	2	2	
Southern States Morganfield Coop., Morganfield, Kentucky	1	1	
Southern States Owenton Coop., Owenton, Ky.	1	1	
Southern States Russellville Coop., Russellville, Kentucky	1	1	
Southern States Shelbyville Coop., Shelbyville, Kentucky	3	3	
Southern States Somerset Coop., Somerset, Ky.	3	2	1
Southern States Cooperative, Richmond, Virginia	2	2	
Woodford Spears & Sons, Paris, Kentucky	6	6	
Spem-Well Feed Company, Winchester, Kentucky	32	23	9
Spencer-Kellogg & Sons, Minneapolis, Minnesota	1	1	
Specifide, Inc., Indianapolis, Indiana	1	1	
Sportsman Dog Food Company, Chicago, Illinois	1	1	Not Registered
A. E. Staley Manufacturing Co., Decatur, Illinois	7	7	
Stewart's Feed Mill, Flat Lick, Kentucky	4	2	2
Strongheart Packing Co., Chicago, Illinois	2	2	
Sturgis Milling Company, Sturgis, Kentucky	24	14	10
Sun Citrus Products Co., Haines City, Florida	1	1	
Sun-Ray Feed Mills, Bowling Green, Kentucky	9	6	3
Sun-Ray Feed Mills, Lexington, Kentucky	1	1	
Sunshine Biscuits, Inc., Grafton, Ohio	2	2	
Sunshine Feed Mills, Inc., Red Bay, Alabama	1	1	

TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1962

For samples not passed see Table 2

NAME AND ADDRESS OF MANUFACTURER	Number of Samples Analyzed and Examined	Number of Samples Passed	Number of Samples Not Passed
Sunshine Molasses Company, Somerset, Kentucky	6	5	1
Supreme Mills, Glasgow, Kentucky	55	40	15
D. B. Sutherland & Sons, Bloomfield, Kentucky	25	15	10
Sweet Feed Mill, Bowling Green, Kentucky	4	3	1
Swift & Company, Chicago, Illinois	13	13	
T & H Feed Service, Lebanon, Kentucky	2	1	1
Tabor Feed Mill, Columbia, Kentucky	6	4	2
Tabor Hatchery, Columbia, Kentucky	1		1
Taylor County Feed Co., Campbellsville, Ky.	2	2	
Tennessee-Kentucky Alfalfa Mill, Tiptonville, Tennessee	1	1	
The Thorobred Company, Inc., Waynesville, Ohio	16	11	5
Thurmond Coal & Feed Company, Murray, Kentucky	8	6	2
Mr. Toymaker Enterprises, Inc., Atlanta Georgia	1	1	Not registered
Trenton Cotton Oil Company, Trenton, Tennessee	10	5	5
Trenton Milling Company, Trenton, Illinois	2	1	1
Tri-County Farm Supply, Corbin, Kentucky	1		1
Tri-State Molasses Company, Nashville, Tennessee	1	1	
Tri-State Molasses Company, Owensboro, Kentucky	6	6	
Tri-State Mills, Kenova, West Virginia	2	2	
Tupelo Oil Mill, Inc., Tupelo, Mississippi	1	1	
Unique Feed Mills, Hebron, Kentucky	1		1
Usen Canning Company, Boston, Massachusetts	1	1	
Van Camp Sea Food Co., Port of Long Beach, Calif.	3	3	
Vet's Division, Perk Foods Co., Chicago, Illinois	7	6	1
VyLactos Laboratories, Inc., Des Moines, Iowa	1	1	
Walters & Thompson, Shelbyville, Kentucky	5	3	2
Warner's Farm Supply, Somerset, Kentucky	1	1	
Water Valley Mill, Water Valley, Kentucky	1	1	
George Wiedemann Brewing Co., Newport, Kentucky	3	3	
Earl Ward's Mill, Paducah, Kentucky	1	1	
Weisenberger Sanitary Flour Mill, Midway, Ky.	4	4	
West Vine Street Mill, Owensboro, Kentucky	3	3	
West Tennessee Soya Mills, Inc., Tiptonville, Tennessee	6	6	
Martha White Mills, Huntington, West Virginia	23	19	4
Whitewater Flour Mills, Whitewater, Kansas	1		1
Williamstown Roller Mill, Williamstown, Ky.	4	3	1
Wilson & Company, Inc., Chicago, Illinois	4	4	

TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1962

For samples not passed see Table 2

NAME AND ADDRESS OF MANUFACTURER	Number of Samples Analyzed and Examined	Number of Samples Passed	Number of Samples Not Passed
Winchester Canning Co., Canal Winchester, Ohio	1		1
Winn Milling Company, Greensburg, Kentucky	3	2	1
Woodford Feed Company, Versailles, Kentucky	1	1	
Woodford Spears & Sons, Paris, Kentucky	3	3	
Woolcott Mills, Inc., Lexington, Kentucky	5	4	1
Yieldmor Feed, Inc., Piqua, Ohio	1	1	
TOTALS	3,178	2,557 80%	621 20%

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
The Abilene Flour Mills Co., Abilene, Kansas Wheat Shorts with Screenings			Unground weed seeds
Albany Mills, Albany, Kentucky			
Mixed Feed	Crude Fat	3.0	2.3
Mixed Feed	Crude Fat	3.0	2.0
Mixed Feed	Crude Fat	3.0	2.0
Albers Milling Company, Los Angeles, California			
Friskies Horse Meat with Gravy Dog Food	Crude Protein	12.0	11.0
Friskies Horse Meat with Gravy Dog Food	Crude Fat	4.0	9.2
Friskies Horse Meat with Gravy Dog Food	Crude Fat	4.0	9.0
Friskies Horse Meat with Gravy Dog Food	Crude Fat	4.0	8.3
Allen Products Company, Inc., Allentown, Pennsylvania			
Alpo Beef Chunks & Beef By-Products for Dogs	Crude Fat	7.0	13.5
Alpo Chunks of Real Liver for Dogs	Crude Fat	5.0	3.8
Allied Mills, Inc., Chicago, Illinois			
Wayne Chick Mixer, Medicated M 66	Zoalene	0.0315	0.0026
Wayne Rocket Broiler Mixer, Medicated M 69	Amprolium	0.0385	0.0295
Wayne Rocket Broiler Mixer, Medicated M 69	Crude Protein	44.0	42.0
Wayne Universal Egg, Medicated M 29	Crude Protein	18.0	16.9
Wayne Farrowing Diet 180, Medicated M 86	Furazolidone	0.0165	0.022
Wayne Pig Balancer (400), Medicated M 56	Arsanilic Acid	0.04	0.020
Wayne Pig Balancer (400), Medicated M 56	Arsanilic Acid	0.04	0.008
Wayne 42% Dairy Mixing Supplement	Crude Protein	42.0	41.3
Anderson & Spilman, Danville, Kentucky			
Master Made Sweet 16% Dairy Feed	Crude Protein	16.0	11.4
Andrews Mill, Russellville, Kentucky			
Super 25% Dog Food	Crude Fat	3.5	10.4
Anglo Sweet Feed Mills, Inc., Owensboro, Kentucky			
Ace Perfection 40% Pig & Hog Supplement	Crude Protein	40.0	37.9
Ace Perfection 16% Dairy Feed	Crude Protein	16.0	14.3
Archer-Daniel-Midland Co., Minneapolis, Minnesota			
Archer Quality 44% Solvent Soybean Meal	Crude Fiber	7.0	7.6
Ashland Milling Company, Ashland, Kentucky			
E & E Special 24% Dairy Feed			Mixed Screenings

Commercial Feeds in Kentucky, 1962
 TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
E & E Special 24% Dairy Feed	Crude Protein	24.0	22.8 Mixed Screenings
E & E Special 24% Dairy Feed	Crude Protein	24.0	22.6
E & E Special 24% Dairy Feed	Crude Protein	24.0	21.1
E & E Special 24% Dairy Feed	Crude Protein	24.0	20.2 Mixed Screenings
Ideal Special 24% Dairy Feed			Mixed Screenings
The Great Atlantic & Pacific Tea Co., Brooklyn, N. Y.			
Daily All Breed Bone Shape Dog Biscuit	Crude Protein	22.0	21.2
Aubrey Feed Mills, Inc., Louisville, Kentucky			
Red A 36% Poultry Layer Supplement	Crude Fiber	6.0	7.1
Red A 30% Gaine Bird Breeder	Crude Protein	30.0	29.2
Red A 40% Hog Supplement, Medicated	3-Nitro-4	0.0125	0.0095
Red A 40% Hog Supplement, Medicated	Crude Protein	40.0	38.5
Red A 16% Sow & Pig Pellet, Medicated	3-Nitro-4	0.0025	0.0017
Red A 16% Sow & Pig Pellet, Medicated	3-Nitro-4	0.0025	0.0038
Red A Calf Starter-Grower Meal & Pellets	Crude Protein	18.5	16.1
Red A 44% Dairy Supplement	N. P. N. (Urea)	15.0	17.1
Red A Dog Food Cubes	Crude Protein	24.0	23.0
Red A Dog Food Cubes	Crude Protein	24.0	23.4
Aubrey 44% Solvent Soybean Meal	Crude Fiber	7.0	7.7
Red A Wheat Shorts with Screenings	Crude Fiber	7.0	8.0
The Auburn Mills, Inc., Auburn, Kentucky			
Leader Mixed Feed	Crude Protein	14.0	13.4
Leader Mixed Feed	Crude Protein	14.0	13.3
Leader Mixed Feed	Crude Protein	14.0	13.2
Leader Mixed Feed	Crude Protein	14.0	12.9
Leader Mixed Feed	Crude Protein	14.0	12.1 Unground weed seeds
Leader Mixed Feed	Crude Protein	14.0	13.3 Unground weed seeds
Leader Wheat Shorts with Screenings	Crude Fiber	7.5	8.4
Screened Corn Chop	Crude Protein	9.0	8.0
Bagdad Roller Mills, Bagdad, Kentucky			
Rocket Age 40% Hog Concentrate	Calcium	4.5	3.34
Rocket Age 40% Hog Concentrate	Calcium	4.5	3.27
Rocket Age 40% Hog Concentrate	Calcium	4.5	3.66
Rocket Age 40% Hog Concentrate	Calcium	4.5	3.30

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
Rocket Age 40% Hog Concentrate	Calcium	4.5	3.91
	Crude Fat	2.0	1.4
Rocket Age 40% Hog Concentrate	Calcium	4.5	3.14
	Crude Fat	2.0	1.4
Rocket Age Pig & Sow Feed	Crude Protein	20.0	19.2
Rocket Age Pig & Sow Feed	Crude Protein	20.0	19.3
Rocket Age 32% Dairy Concentrate	Crude Protein	32.0	31.3
Rocket Age 32% Dairy Concentrate	Crude Protein	32.0	31.0
Rocket Age 32% Dairy Concentrate	Crude Protein	32.0	31.2
Rocket Age 32% Beef Cattle Concentrate	Crude Protein	32.0	31.0
Banner Feed Mills, Huntington, West Virginia 16% Yellow Tag Sweet Mixing Feed	N. P. N. (Urea)	5.25	7.6
Barry-Carter Milling Company, Lebanon, Tennessee Fortune Hominy Feed	Crude Fiber	6.0	7.5
Baughman Milling Company, Stanford, Kentucky Big B Hen Feed			Unground weed seeds
Big B Hen Feed			Unground weed seeds
Big B Hen Feed			Unground weed seeds
Big B 24% Dairy Feed	N. P. N. (Urea)	7.86	9.7
Big B 24% Dairy Feed	Crude Fat	2.5	1.8
Big B 24% Dairy Feed	Crude Fat	2.5	1.8
Banner Special 16% Dairy Feed			Unground weed seeds
Banner Mixed Feed			Unground weed seeds
Banner Mixed Feed			Mixed Screenings
B. A. Bernard & Company, Camden, New Jersey Trim Chicken Meat, Necks, Backs, Wings Dog Food	Crude Fat	4.0	8.1
Trim Dog Food - Horsemeat & Meat By-Products	Crude Fat	4.0	9.3
Best Foods Division, Corn Products Co., Waverly, N. Y. Kasco Expanded Dog Food	Crude Protein	27.0	25.9
Bi-County Farm Bureau Coop., Florence, Kentucky Coop Pailfiller 20% Dairy Feed	Crude Protein	20.0	19.3
Birmingham Milling Company, Benton, Kentucky Joe's Best Mixed Feed	Crude Protein	20.0	18.7

TABLE SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
Bow-Wow Company, Rolla, Missouri Bow Wow Dog Food	Crude Protein	25.0	22.7
Boyle Packing Company, Danville, Kentucky Pride of Boyle Tankage with Bone	Crude Protein	45.0	41.5
Prife of Boyle Tankage with Bone	Crude Protein	45.0	43.6
Bremco Alfalfa Mills, Inc., New Bremen, Ohio Medogreen Alfalfa Crumbles	Crude Fiber	27.0	27.8
Browder Milling Company, Fulton, Kentucky Browder's 40% Hog Supplement, Medicated	Arsanilic Acid	0.03	0.0231
Buhner & Company, Louisville, Kentucky Happy Farmer Calf Ration	Crude Fat	4.5	3.8
Happy Farmer Chick Starter & Grower, Medicated	3-Nitro-4	0.005	0.0093
Happy Farmer Chick Starter & Grower, Medicated	3-Nitro-4	0.005	0.0083
Happy Farmer 40% Hog Supplement, Medicated	Salt	2.5	3.37
Happy Farmer 35% Pig & Hog Supplement, Medicated	Arsanilic Acid	0.04	0.0245
Burch Hester Feed Store, Hustonville, Kentucky Big Chief 18% Sow & Pig Feed, Medicated	3-Nitro-4	0.0025	0.00035
Bush Brothers & Company, Clinton, Tennessee Rags Dog Food	Crude Protein	8.0	7.4
Cadiz Milling Company, Cadiz, Kentucky Sunbeam 20% Laying Pellets	Crude Protein	20.0	18.5
Sunbeam 40% Hog Supplement	Calcium	4.0	2.69
Sunbeam 40% Hog Supplement	Crude Protein	40.0	38.7
Sunbeam 40% Hog Supplement	Crude Fat	2.0	1.4
Sunbeam Jr 40% Hog Supplement	Crude Protein	40.0	39.2
Sunbeam Jr 40% Hog Supplement	Crude Protein	40.0	37.7
Sunbeam 35% Sow & Pig Supplement	Calcium	3.0	2.37
Check-R-Mix Pig Starter (SD) 3 AB, Medicated	3-Nitro-4	0.007	0.0038
Cardinal Food Products, Inc., St. Louis, Missouri Pointer Dog Food	Crude Protein	10.0	9.1
Pointer Dog Food	Crude Fat	2.0	1.0
Central Soya, Fort Wayne, Indiana Master Mix Poult Concentrate 451-06F, Medicated	p-ureidobenzene- arsonic Acid	0.0625	0.0417
Master Mix Chick Concentrate 153-04G, Medicated	Zoalene	0.0313	0.0285
Master Mix Chick Starter 103-04G, Medicated	Zoalene	0.0125	0.0076
Master Mix Pullet Concentrate 163	Calcium	4.6	3.27

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
Master Mix Layer Concentrate 265	Crude Protein	34.0	32.1
Master Mix 35% Hog Concentrate 873	Crude Protein	35.0	33.4
Master Mix Pig-Ets 180 (809-19B), Medicated NF	Furazolidone	0.011	0.0062
Master Mix 50% Dairy Concentrate 677	Crude Protein	50.0	48.9
Master Mix 50% Dairy Concentrate 677	Crude Protein	50.0	47.0
Master Mix 50% Dairy Concentrate 677	Crude Protein	50.0	42.7
Master Mix 50% Dairy Concentrate 677	Crude Protein	50.0	48.8
Master Mix 50% Dairy Concentrate 677	Crude Protein	50.0	47.7
	Calcium	3.5	2.64
Master Mix 50% Dairy Concentrate 677	N. P. N. (Urea)	26.0	28.5
Master Mix 50% Dairy Concentrate 677	Crude Fiber	6.0	6.9
Master Mix Blended Fifty - 675	Crude Protein	50.0	48.6
Master Mix Blended Fifty - 675	Crude Protein	50.0	49.4
Master Mix Blended Fifty - 675	Crude Protein	50.0	47.8
Master Mix Blended Fifty - 675	Crude Protein	50.0	47.6
Master Mix Blended Fifty - 675	Crude Protein	50.0	48.7
Master Mix Blended Fifty - 675	Crude Protein	50.0	49.0
Master Mix Blended Fifty - 675	Crude Protein	50.0	31.8
	Calcium	3.5	2.57
Master Mix Blended Fifty - 675	Crude Protein	50.0	46.2
	Crude Fiber	6.0	7.3
Master Mix Blended Fifty - 675	Crude Fiber	6.0	7.3
Master Mix Sweet 16% Dairy 619	Crude Fat	2.5	1.7
	Crude Fiber	15.0	15.6
Master Mix Bloom'n Gain Concentrate 765	Salt	4.0	0.98
Master Mix Sweet Bulk-N-Flakes 648	Crude Fiber	18.0	20.5
Master Mix Sweet Bulk-N-Flakes 648	Crude Fiber	18.0	20.7
Master Mix Sweet Bulk-N-Flakes 648	Crude Fiber	18.0	20.5
Master Mix Sweet Bulk-N-Flakes 648	Crude Fiber	18.0	22.0
Master Mix Sweet Bulk-N-Flakes 648	Crude Fiber	18.0	22.0
Central Soybean Mill Run	Crude Fiber	33.0	35.6
Central Soybean Mill Run	Crude Fiber	33.0	35.2
Flaked Soybean Hulls	Crude Protein	9.0	8.3
Climax Roller Mills, Shelbyville, Kentucky			
Climax Hominy Meal	Crude Protein	10.0	9.1
	Crude Fiber	6.0	8.5
Clinton Hatchery, Clinton, Kentucky			
New Deal 44% Hog Supplement, Medicated	3-Nitro-4	0.0125	0.0098
New Deal 44% Hog Supplement, Medicated	3-Nitro-4	0.0125	0.0075
Clinton Milling Company, Clinton, Kentucky			
Masco 28% Turkey Starter	Crude Protein	28.0	25.5
Masco 40% Hog Supplement, Medicated	3-Nitro-4	0.0125	0.0042

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
Masco 12% Hog Finisher, Medicated Wheat Mixed Feed	3-Nitro-4	0.0025	0.0018
Wheat Mixed Feed	Crude Protein	15.0	13.2
Wheat Mixed Feed	Crude Fat	3.5	2.8
Wheat Mixed Feed	Crude Fat	3.5	2.6
Clell Coleman & Sons, Burgin, Kentucky			
Coleman's Pig & Hog Feed	Crude Protein	16.5	15.2
	Crude Fat	4.0	3.4
Coleman's Pig & Hog Feed	Crude Protein	16.5	15.0
Coleman's Pig & Hog Feed	Crude Protein	16.5	14.8
Coleman's Pig & Hog Feed	Crude Protein	16.5	15.3
Coleman's Pig & Hog Feed	Crude Protein	16.5	15.0
	Crude Fat	4.0	3.3
Coleman's Hog Fattener	Crude Protein	14.0	13.2
	Crude Fat	4.0	3.4
Favorite Feed	Crude Protein	15.0	13.7
Favorite Feed	Crude Fat	3.5	2.7
Coleman's Farm Feed	Crude Fat	4.0	3.3
Coleman's Farm Feed	Crude Protein	14.0	13.4
Wheat Mill Run	Crude Fat	3.5	2.7
Coast Fisheries, Wilmington, California			
Puss'N Boots Cat Food	Crude Protein	10.0	9.2
H. C. Cole Milling Company, Chester, Illinois			
Omega Winter Wheat Bran	Crude Fat	3.5	2.6
Omega Winter Wheat Bran	Crude Fat	3.5	2.7
	Crude Fiber	10.0	11.0
Omega Winter Wheat Bran	Crude Fiber	10.0	11.3
The Colorado Milling & Elevator Co., Denver, Colorado			
Wheat Shorts & Screenings	Crude Protein	16.0	15.1
Wheat Shorts & Screenings	Crude Protein	16.0	14.5
Wheat Shorts & Screenings	Crude Protein	16.0	14.8
Commander-Larabee Milling Co., Minneapolis, Minn.			
Sunfed Wheat Shorts & Screenings	Crude Protein	16.0	15.2
Community Milling Company, Irvington, Kentucky			
Our Pride 20% Dairy Feed	Crude Protein	20.0	18.4
Our Pride 20% Dairy Feed	Crude Protein	20.0	19.3
Our Pride 20% Dairy Feed	Crude Protein	20.0	18.1
Our Pride 20% Dairy Feed	Crude Protein	20.0	19.1
Wheat Feed	Crude Fat	3.0	2.2

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
Cooperative Mills, Inc., Cincinnati, Ohio			
Starting & Growing Mash, Medicated (TR)	Bithionol	0.05	None
	Methiotriazamine	0.01	None
Starting & Growing Mash, Medicated (TR)	Bithionol	0.05	None
	Methiotriazamine	0.01	None
Super Breeding Mash, Medicated	Arsanilic Acid	0.0166	0.0126
40% Pork Maker, Medicated	Phosphorus	1.75	1.23
40% Pork Maker, Medicated	Arsanilic Acid	0.044	0.056
Pig Developer, Medicated (Hg)	Arsanilic Acid	0.01	0.017
Pig Developer, Medicated (Hg)	Arsanilic Acid	0.01	0.0131
Sow Feed, Medicated	Furazolidone	0.0165	0.0109
Pig-Acid, Medicated	Crude Fiber	3.0	6.7
Super Blend 65	Crude Protein	65.0	64.4
Super Blend 65	Crude Protein	65.0	63.8
Super Blend 65	Crude Protein	65.0	62.4
Super Blend 65	Crude Protein	65.0	62.4
Super Blend 65	Crude Protein	65.0	63.1
Super Blend 65	N. P. N. (Urea)	36.0	40.3
Super Blend 65	N. P. N. (Urea)	36.0	37.7
	Calcium	3.0	1.15
	Phosphorus	2.0	0.95
0.0011% Diethylstilbestrol Mixture in 30% Beef Maker	N. P. N. (Urea)	8.0	10.0
Beef Supplement	N. P. N. (Urea)	8.0	10.4
Crescent Roller Mills, Taylorsville, Kentucky			
Crescent 50% Dairy Supplement	Crude Protein	50.0	47.6
Crescent 16½% Dairy Feed	Crude Protein	16.5	14.4
Crescent 16½% Dairy Feed	Crude Protein	16.5	14.8
Crestwood Farmers Supply Center, Crestwood, Ky.			
Crestwood Chick Grower	Crude Protein	18.0	16.8
Crestwood 44% Dairy Concentrate	N. P. N. (Urea)	23.0	26.0
Crestwood 38% Dairy Concentrate	Crude Fiber	9.0	9.7
Crestwood 32% Dairy Concentrate	Crude Fat	2.5	1.4
Crestwood Milk Maker	Crude Protein	16.0	15.2
Crestwood 40% Hog Concentrate, Medicated	Crude Protein	40.0	38.3
Crestwood 40% Hog Concentrate, Medicated	Arsanilic Acid	0.05	0.039
Crestwood Complete Sow & Pig Pellet, Medicated	Arsanilic Acid	0.01	0.0153
Dearborn Mills, Aurora, Indiana			
Dearborn Dog Food	Crude Protein	26.0	24.0
Decatur Cotton Oil Company, Decatur, Alabama			
41% Cottonseed Meal	Crude Protein	41.0	35.2

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
	Crude Fiber	13.0	16.8
W. C. Dicken, Mentor, Kentucky Sunny Grain 20% Dairy Feed	Crude Protein	20.0	19.1
Dixie Portland Flour Mills, Memphis, Tennessee Rip Dog Food	Crude Protein	25.0	24.1
Rip Dog Food	Crude Protein	25.0	23.8
Doyle Packing Company, Chicago, Illinois Strongheart Dog Food	Crude Protein	10.0	9.4
Duncan & McFarland Farm Service, Lawrenceburg, Ky. Calf Starter, Medicated	Crude Protein	19.0	17.9
The Early & Daniel Company, Cincinnati, Ohio Tuxedo Pig Grower, Medicated	Arsanilic Acid	0.01	0.0131
Tuxedo 24% Coarse Dairy	Crude Protein	24.0	22.5
Tuxedo Moremilk 16% Dairy	N. P. N. (Urea)	4.0	6.6
Tuxedo Kib Bits	Phosphorus	2.0	1.29
Tuxedo Kib Bits	Phosphorus	2.0	1.31
Tuxedo All Beef Dog Food	Crude Protein	14.0	12.9
Tuxedo All Beef Dog Food	Crude Protein	14.0	13.2
John W. Eshelman & Sons, Lancaster, Pennsylvania Red Rose Laying Mash	Calcium	4.5	3.98
Red Rose Laying Mash	Calcium	4.5	3.72
Red Rose Laying Mash	Calcium	4.5	3.79
Red Rose Laying Mash	Calcium	4.5	3.21
Red Rose Complete Laying Ration	Crude Fiber	5.5	6.9
	Calcium	3.0	2.43
Fabro, Inc., Athens, Georgia Henny Pen Dog Food	Crude Fat	2.0	7.9
Famous Feed Mills, Nashville, Tennessee 18% Complete Chick Starter & Grower, Medicated			Contained Rice Hulls
Famous 40% Layer Concentrate			Contained Rice Hulls
Famous 44 Dairy Supplement			Contained Rice Hulls
Famous 16% Dairy Feed			Contained Rice Hulls
Famous 25% Milking Feed	Crude Protein	25.0	21.6 Contained Rice Hulls
Golden Gain Pig & Hog Ration	Crude Fiber	6.0	9.0

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
Golden Gain Pig & Hog Ration	Crude Fiber	6.0	8.0
Golden Gain Pig & Hog Ration	Crude Fiber	6.0	7.6
Famous Pig & Hog Ration	Crude Protein	18.0	17.1
Farmers Elevators, Inc., Owensboro, Kentucky			Contained Rice Hulls
Feeders Friend 40% Hog Supplement, Medicated	Calcium	4.5	3.34
Feeders Friend 35% Hog Balancer	Calcium	4.5	3.02
	Salt	2.0	3.15
Farmers Feed Store, Central City, Kentucky			
Veribest 18% Pig & Sow Feed	Crude Protein	18.0	17.1
Farmers & Merchants Milling Co., Brooksville, Ky.			
Wheat Mixed Feed & Screenings	Crude Protein	15.5	13.9
	Crude Fat	4.0	3.3
Wheat Mixed Feed & Screenings	Crude Protein	15.5	13.9
	Crude Fat	4.0	3.4
Wheat Mixed Feed & Screenings	Crude Protein	15.5	14.7
Farmers Milling Company, Somerset, Kentucky			
Farmers Hog Feed	Crude Protein	14.0	11.7
	Crude Fiber	8.0	8.6
Farmers Hog Feed	Crude Fiber	8.0	9.6
Farmers 20% Mixed Feed	Crude Protein	20.0	17.3
Farmers Tankage Company, Henderson, Kentucky			
50% Meat & Bone Scraps	Crude Protein	50.0	49.3
Farm Minerals Company, Inc., Wilkinson, Indiana			
Blue Cross Livestock Mineral	Phosphorus	4.0	3.0
Ferncliff Feed & Grain Company, Louisville, Ky.			
P. D. Q. Scratch Feed			Unground weed seeds
P. D. Q. 16% Dairy Feed	Crude Protein	16.0	14.1
Flambeau Milling Company, Phillips, Wisconsin			
Pulverized Flambo Mixed Feed Oats (Containing Oats & Ground Mixed Screenings)	Crude Fat	4.5	3.9
	Crude Fiber	15.0	16.0
Flambo Pulverized White Oats with other Grains & Mixed Screenings	Crude Fat	4.5	3.0
Fort Negley Mills, Nashville, Tennessee			
Luxury 44% Dairy Supplement	N. P. N. (Urea)	13.5	17.3

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
	Calcium	3.5	2.89
Luxury 32% Beef Supplement	Crude Fiber	8.5	9.3
Frosty Morn Meats, Clarksville, Tennessee			
50% Meat & Bone Meal	Crude Fat	4.0	15.5
50% Meat & Bone Meal	Crude Fat	4.0	15.4
50% Meat & Bone Meal	Crude Fat	4.0	16.0
50% Meat & Bone Meal	Crude Fat	4.0	15.0
50% Meat & Bone Meal	Crude Fat	4.0	10.3
Henry Fruechtenicht Company, Inc., Louisville, Ky.			
Producer 20% Starter & Grower, Medicated	Furazolidone	0.0009	0.0003
	Nitrofurazone	0.0055	
Producer 20% Starter & Grower, Medicated	Furazolidone	0.0009	0.0032
	Nitrofurazone	0.0055	
Producer 20% Starter & Grower, Medicated	Furazolidone	0.0009	None
	Nitrofurazone	0.0055	
Producer 44% Dairy	N. P. N. (Urea)	18.34	21.5
Producer 33% Dairy Concentrate	Salt	3.0	3.7
Producer 20% Dairy Feed	Crude Protein	20.0	19.2
Producer 16% Special Dairy Feed	Crude Protein	16.0	13.9
Producer 16% Special Dairy Feed	Crude Protein	16.0	15.4
Producer 16% Special Dairy Feed	Crude Protein	16.0	14.7
Producer 44% Beef Concentrate	N. P. N. (Urea)	18.34	21.0
Producer 40% Hog Supplement	Crude Protein	40.0	38.0
Producer Pig Grower, Medicated	Arsanilic Acid	0.01	0.0191
Fruen Milling Company, Minneapolis, Minnesota			
Fruen's All-Purpose Thrift Pellets			Ground Mixed Screenings
Fuhrer-Ford Milling Company, Inc., Mt. Vernon, Ind.			
Wheat Shorts & Screenings	Crude Protein	16.0	14.5
Wheat Shorts & Screenings	Crude Protein	16.0	14.9
Wheat Shorts & Screenings	Crude Protein	16.0	14.1
Wheat Shorts & Screenings	Crude Protein	16.0	14.3
Wheat Bran	Crude Fat	3.5	2.4
Wheat Bran	Crude Fat	3.5	2.7
Wheat Bran	Crude Fat	3.5	2.4
Wheat Bran	Crude Fat	3.5	2.6
Wheat Bran	Crude Protein	14.5	13.9
Garrard Mills, Lancaster, Kentucky			
Glen Lily Farm Feed	Crude Protein	12.5	11.9
Glen Lily Farm Feed	Crude Fat	3.5	2.7
Glen Lily Farm Feed	Crude Fat	3.5	2.9

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
Glen Lily Farm Feed			Unground weed seeds
Garrard 24% Dairy Feed	Crude Fat	2.5	1.8
Garrard 24% Dairy Feed	Crude Protein	24.0	22.3
Moore's Hog Balancer, Medicated	Arsanilic Acid	0.0125	0.0097
Moore's Pig & Sow Feed, Medicated	Arsanilic Acid	0.01	0.0079
Moore's Pig & Sow Feed, Medicated	Arsanilic Acid	0.01	0.0023
Moore's Pig & Sow Feed, Medicated	Arsanilic Acid	0.01	0.007
Moore's Hog Finisher, Medicated	Arsanilic Acid	0.01	0.007
G. I. Gates Milling Company, Columbus, Ohio			
Economy 22% Brewers-Molass	Crude Protein	22.0	19.7
General Distributors, South Fort Mitchell, Kentucky			
General Feeds Heavy Milker 16% Dairy Feed	Crude Protein	16.0	13.5
The General Packing Company, Waynesville, Ohio			
Down Boy Dog Food	Crude Fat	2.0	1.47
	Moisture	74.0	75.1
General Mills, Inc., Minneapolis, Minnesota			
Pulverized White Oats	Crude Protein	12.0	11.3
	Crude Fiber	13.0	14.4
Germantown Milling Company, Germantown, Kentucky			
Mixed Feed	Crude Protein	14.0	13.4
Mixed Feed			Contained Mixed Screenings
Green County Milling Company, Greensburg, Kentucky			
Greenco 16% Calf Ration	Crude Protein	16.0	14.7
Greenco 16% Dairy Feed	Crude Protein	16.0	14.9
Gwinn Brothers & Company, Huntington, West Virginia			
Grade A 24% Dairy	Crude Protein	24.0	22.9
Make Milk 20% Dairy	Crude Protein	20.0	17.5
18% Pig & Hog Feed	Crude Fiber	6.0	7.1
Porkmaker 15%	Crude Protein	15.0	14.3
Hales & Hunter Company, Chicago, Illinois			
Red Comb Egg Mash, Medicated	Calcium	6.5	2.57
Red Comb Egg Mash, Medicated	Calcium	6.5	3.14
Red Comb Complete Layer 16, Medicated	Arsanilic Acid	0.01	0.0058
Red Comb Complete Layer 16, Medicated	Calcium	3.5	2.56
Pioneer Hog Balancer, Medicated	Arsanilic Acid	0.05	0.0382
Pioneer Hog Balancer, Medicated	Arsanilic Acid	0.05	0.029
Pioneer Hog Balancer, Medicated	Crude Protein	36.0	34.5

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
Pioneer Hog Balancer, Medicated	Crude Protein	36.0	34.5
Pioneer Hog Balancer, Medicated	Crude Protein	36.0	35.3
Pioneer Sow Concentrate	Calcium	3.5	2.69
Pioneer Pig Gro-Pel, Medicated	Arsanilic Acid	0.01	0.0074
Pioneer Sow Milk Maker Ration	Crude Protein	18.0	17.1
Lucky Dog Food Meal	Crude Protein	25.0	23.3
Harpeth Mills, Nashville, Tennessee			
Peerless 40% Hog Supplement	Crude Protein	40.0	37.9
Peerless 40% Hog Supplement	Crude Fiber	7.0	9.4
Peerless 40% Hog Supplement	Crude Protein	40.0	37.4
Peerless 40% Hog Supplement	Crude Protein	40.0	37.5
Harvest Brand, Inc., Pittsburg, Kansas			
Stock-O-Lass	Sugar	43.0	41.2
The P. H. Harsha Milling Co., Portsmouth, Ohio			
Harsha's Dixie-Sweet 16% Dairy Feed	Crude Protein	16.0	14.5
	Crude Fat	3.0	2.1
Harsha's Special 16% Dairy Feed	Crude Fat	2.5	1.9
Harsha's Special 16% Dairy Feed	Crude Fat	2.5	1.8
T. J. Haycraft Sales & Service, Leitchfield, Ky.			
Haycraft's 12.5% Dairy Feed (To be used with high protein legume pasture, hay or ensilage)			Unground weed seeds
Haydon Mill & Grain Company, Springfield, Kentucky			
Magic Broiler Starter, Medicated	3-Nitro-4	0.005	0.0013
Magic Broiler Starter, Medicated	3-Nitro-4	0.005	0.0005
Magic Broiler Starter, Medicated	3-Nitro-4	0.005	0.0005
Magic Broiler Finisher, Medicated	Crude Protein	19.5	17.8
	Amprolium	0.0125	0.0075
Magic Broiler Finisher, Medicated	Crude Protein	19.5	18.0
	Amprolium	0.0125	0.0094
Magic Broiler Finisher, Medicated	Crude Protein	19.5	18.4
	Amprolium	0.0125	0.0085
Magic Broiler Finisher, Medicated	Crude Protein	19.5	18.5
	Amprolium	0.0125	0.0099
Magic Broiler Finisher, Medicated	Crude Protein	19.5	18.5
	Amprolium	0.0125	0.0096
Burch Hester Feed Store, Hustonville, Kentucky			
Big Chief 20% Dairy Feed	Crude Protein	20.0	18.3
Big Chief 18% Sow & Pig Feed, Medicated	3-Nitro-4	0.0025	0.0006

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
Dr. Heinz Company, Washington C. H., Ohio			
Heinz Nu-Way Poultry Supplement	Salt	2.0	2.9
Heinz Nu-Way 45% Dairy Mixer Concentrate	N. P. N. (Urea)	17.5	20.0
	Salt	2.5	3.18
Heinz Nu-Way 34% Dairy Supplement	Salt	2.5	3.42
Heinz Nu-Way 34% Dairy Supplement	Salt	2.5	3.1
Heinz Nu-Way 34% Dairy Supplement	Crude Protein	34.0	33.0
Heinz Nu-Way 16% Century Dairy Feed			Unground weed seeds
Heinz Nu-Way 22% Sweet Flo Mixing Feed	Crude Fat	2.5	1.7
Heinz Nu-Way 22% Sweet Flo Mixing Feed	Crude Fiber	8.5	9.3
Heinz Nu-Way 22% Sweet Flo Mixing Feed	Crude Fiber	8.5	9.5
Heinz Nu-Way 40% Hog Supplement	Salt	2.5	3.15
Heinz Nu-Way Special Pig & Sow Supplement	Crude Fiber	6.0	6.7
Heinz Nu-Way Special Pig & Sow Supplement	Crude Protein	36.0	35.2
Heinz Nu-Way Pig & Sow Ration	Crude Protein	18.0	15.2
Hodgenville Roller Mill, Hodgenville, Kentucky			
Lincoln Wheat Mill Run	Crude Fat	4.0	3.4
Home Milling Company, Greenville, Kentucky			
Champion 20% Layer Mash	Crude Protein	20.0	18.3
Happy Home 24% Dairy Feed			Unground weed seeds
Happy Home 24% Dairy Feed	Crude Fat	4.0	2.6
Happy Home 24% Dairy Feed	Crude Fat	4.0	3.4
	Crude Fiber	8.0	9.9
Happy Home 24% Dairy Feed	Crude Fat	4.0	2.8
	Crude Fiber	8.0	10.1
			Unground weed seeds
Happy Home 16% Sweet Dairy Feed	Crude Fat	2.5	1.9
			Excess Corn Cobs
Happy Home 16% Sweet Dairy Feed	Crude Fat	2.5	1.8
Happy Home 16% Sweet Dairy Feed			Unground weed seeds
Farm-Wa 16% Dairy Feed	Crude Fat	4.0	2.9
Farm-Wa 16% Dairy Feed	Crude Fat	4.0	2.7
Farm-Wa 16% Dairy Feed	Crude Fat	4.0	2.3
Farm-Wa 16% Dairy Feed	Crude Fat	4.0	2.8
Farm-Wa 16% Dairy Feed	Crude Fat	4.0	3.2
Champion 40% Hog Supplement	Crude Protein	40.0	36.3
Happy Home Hominy Feed	Crude Protein	10.0	8.5
	Crude Fat	7.0	5.7
Huff & Puff Pet Foods, Inc., Reedville, Virginia			
Huff & Puff Cat Food	Crude Fat	3.0	7.3

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
Igleheart Brothers, Evansville, Indiana			
Wheat Bran	Crude Fat	3.5	2.9
Wheat Bran	Crude Fat	3.5	2.7
Wheat Bran	Crude Fat	3.5	2.5
Wheat Bran	Crude Fat	3.5	2.7
	Crude Fiber	11.0	11.8
Illinois Soy Products Co., Springfield, Illinois			
41% Expeller Soybean Meal	Crude Fiber	7.0	7.8
Independent Oil Mill, Inc., Jackson, Tennessee			
Independent 41% Cottonseed Meal	Crude Protein	41.0	40.2
Spencer Kellogg, Kansas City, Missouri			
Professional Milk Check 16% Dairy, Medicated	Crude Protein	16.0	15.3
Professional Milk Check 16% Dairy, Medicated	Crude Protein	16.0	15.0
Professional 40% Hog Supplement	Crude Protein	40.0	39.3
Bullets 40% Hog Supplement	Crude Protein	40.0	38.0
Professional Pig Mama-A (Pig & Sow Feed), Med.	Arsanilic Acid	0.02	0.0162
Professional Pig Kisses, Medicated	Furazolidone	0.011	0.0085
Kentucky By-Products Corp., Louisville, Kentucky			
24% Brewers' Dried Grains	Crude Fat	5.0	4.1
24% Brewers' Dried Grains	Crude Fat	5.0	3.9
24% Brewers' Dried Grains	Crude Protein	24.0	22.8
Dri-Molass Crumbles	Crude Protein	10.0	9.2
	Sugar	42.0	39.8
Dri-Molass Crumbles	Crude Protein	10.0	9.2
Keynes Brothers, Logan, Ohio			
Logan 24% Dairy Feed	Crude Protein	24.0	18.4
Check Mark 24% Dairy Feed	N. P. N. (Urea)	8.0	10.5
Check Mark 24% Dairy Feed	Crude Protein	24.0	19.8
	Crude Fat	2.5	1.5
Check Mark 16% Dairy Feed	Crude Protein	16.0	13.4
	Crude Fat	2.5	1.9
Check Mark 16% Dairy Feed	Crude Protein	16.0	15.3
Check Mark 16% Dairy Feed			Unground weed seeds
Check Mark 16% Dairy Feed	N. P. N. (Urea)	5.3	7.9
			Unground weed seeds
Check Mark 16% Dairy Feed			Unground weed seeds
Check Mark Wheat Red Dog	Crude Fiber	4.0	5.0

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
Knifley Feed & Supply, Elkhorn, Kentucky Elk 16% Dairy - Yellow Tag	Crude Protein	16.0	15.4
Lake County Oil Mill, Tiptonville, Tennessee Solvent 41% Cottonseed Meal	Crude Protein	41.0	39.8
Solvent 41% Cottonseed Meal	Crude Protein	41.0	39.4
Lee Dog Food Company, La Grange, Kentucky Cliffs Dog Food	Crude Protein	14.0	13.2
	Crude Fat	3.0	12.0
Lewisburg Roller Mills, Lewisburg, Kentucky Economy 16% Dairy Feed	Crude Protein	16.0	15.4
Economy 16% Dairy Feed	Crude Protein	16.0	14.7
Economy 16% Dairy Feed			Unground weed seeds
Pay Master 40% Hog Supplement	Crude Protein	40.0	38.6
Coon Range Pork Maker	Crude Protein	16.0	14.4
Lexington Roller Mills, Lexington, Kentucky Thoroughbred Layer 20%	Crude Protein	20.0	19.2
Thoroughbred Layer 20%	Crude Protein	20.0	19.4
Thoroughbred Layer 20%	Crude Protein	20.0	19.3
Thoroughbred Hog Supplement 40%	Crude Protein	40.0	38.9
Thoroughbred Hog Supplement 40%	Crude Protein	40.0	38.2
Bossie Stock Feed			Unground weed seeds
Derby Dog & Puppy Crumbles	Crude Protein	24.0	22.9
Life Guard Feeds, Columbus, Ohio 52% Hi-Pro Cattle Supplement	Crude Protein	52.0	50.7
Lofton's Feed & Grain, Clay, Kentucky Loftons Special Hog Feed	Crude Protein	15.0	13.7
Loftons Special Hog Feed	Crude Protein	15.0	13.4
Loftons Special Hog Feed	Crude Protein	15.0	13.5
L. B. Lovitt Company, Memphis, Tennessee Lovitt 41% Cottonseed Meal	Crude Protein	41.0	40.1
Lovitt 41% Cottonseed Meal	Crude Protein	41.0	39.1
Lowe's Feed & Hatchery, Bowling Green, Kentucky Milk-Flow 16% Dairy	Crude Protein	16.0	14.8
Milk-Flow 16% Dairy	Crude Protein	16.0	14.3
Meat Maker 18% Hog Ration	Crude Protein	18.0	16.4
Meat Maker 18% Hog Ration	Crude Protein	18.0	15.1

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
Lowe's Sweet Mix Feed	Crude Protein	12.5	11.9
Mayfield Milling Company, Mayfield, Kentucky Big H 37% HEP Poultry Mixing Concentrate	Crude Protein	37.0	36.4
Mayfield Sweet Feed Mill, Mayfield, Kentucky State Leader 40% Hog Supplement	Crude Protein	40.0	38.1
State Leader 40% Hog Supplement	Crude Fat	4.0	2.9
State Leader 40% Hog Supplement	Crude Fat	4.0	2.2
McRedmond Brothers, Inc., Nashville, Tennessee Tankage with Bone	Crude Protein	60.0	54.8
Meadows Feed & Building Supply, Clay City, Kentucky Meadows Check-R-Mix 16% Dairy Feed S	N. P. N. (Urea)	3.0	5.0
Meadows Check-R-Mix Hog Fattener	Crude Protein	14.0	12.4
Metzger Brothers, Paducah, Kentucky Tankage with Bone	Crude Protein	43.0	41.7
Tankage with Bone	Crude Protein	43.0	39.8
	Crude Fat	10.0	21.8
Tankage with Bone	Crude Protein	43.0	36.0
	Crude Fat	10.0	26.5
Tankage with Bone	Crude Protein	43.0	39.6
	Crude Fat	10.0	22.0
Middlesboro Milling Company, Middlesboro, Kentucky Reliable 24% Dairy Feed	Crude Protein	24.0	22.8
Midget Mill, Somerset, Kentucky White Rose 24% Dairy Feed	Crude Protein	24.0	22.2
Midwest Feeds, Cincinnati, Ohio Min-Pro Hog Concentrate	Crude Protein	50.0	44.5
Milliken Sweet Feed Mill, Franklin, Kentucky Milliken 36% Hog Concentrate	Crude Fat	13.5	9.6
Milliken 36% Hog Concentrate	Crude Fat	13.5	9.3
Milliken 36% Hog Concentrate	Crude Fat	13.5	8.5
Model Mills, Georgetown, Kentucky Mixed Feed			Unground weed seeds
Monarch Milling Company, Mt. Sterling, Kentucky Monarch Pig Grower	Crude Fiber	4.5	5.2
Mixed Feed with Screenings	Crude Fat	3.0	2.0

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
Morgantown Feed Mill, Morgantown, Kentucky			
Flavo 16% Dairy Feed	Crude Protein	16.0	14.3
Flavo 15% Hog Fattener	Crude Protein	15.0	14.3
Murphy Grain & Milling Company, Owensboro, Kentucky			
Aiolite Hominy Feed	Crude Protein	10.0	9.4
Aiolite Hominy Feed	Crude Protein	10.0	9.1
Aiolite Hominy Feed	Crude Fat	7.0	6.4
Aiolite Hominy Feed	Crude Fat	7.0	5.4
H. Negal & Son, Cincinnati, Ohio			
Wheat Middlings & Screenings			Unground weed seeds
Wheat Bran	Crude Fat	3.5	2.5
Wheat Bran	Crude Fiber	10.0	10.6
National Distillers Products Co., New York, N. Y.			
Corn Distillers Dried Grains	Crude Fat	7.0	6.0
National Oats Company, East St. Louis, Illinois			
Corno Pig Starter, Medicated	Arsanilic Acid	0.01	0.0074
Neuhoff Packing Company, Nashville, Tennessee			
Neuhoff's 60% Digester Tankage	Crude Protein	60.0	54.6
	Crude Fat	8.0	7.3
Nine-Lives Pet Food Company, Terminal Island, Calif.			
9-Lives Cat Food	Crude Fat	2.0	1.35
Charles Nunn & Sons Milling Co., Evansville, Ky.			
Nunn-Better Pig & Sow Supplement	Calcium	4.25	3.14
Nunn-Better Dog Food	Crude Protein	10.0	9.2
Nunn-Better Wheat Bran	Crude Fat	3.0	2.4
Nunn-Better Wheat Bran	Crude Fat	3.0	2.3
Nunn-Better Wheat Bran	Crude Fat	3.0	2.2
Nutrena Mills, Inc., Minneapolis, Minnesota			
Nutrena Sweet 6-teen Dairy Feed			Unground weed seeds
Nutrena Shoat - 40 MC	Crude Protein	40.0	39.0
Oden Milling Company, Oden, Indiana			
Magic 20% Brown Pasture Balancer, Medicated	Phenothiazine	0.25	0.10
Ohio Valley Soybean Coop., Henderson, Kentucky			
Cardinal Family Far #35	Salt	2.0	3.51

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
Orleans Canning Company, Chicago, Illinois			
Orleans Dog Food	Crude Protein	13.0	11.9
	Moisture	74.0	77.1
Orleans Dog Food	Moisture	74.0	76.7
Orleans Dog Food	Moisture	74.0	77.4
Orleans Dog Food	Moisture	74.0	76.1
Owensboro Grain Company, Owensboro, Kentucky			
Ograco 44% Solvent Soybean Meal	Crude Fiber	7.0	9.2
Ograco 44% Solvent Soybean Meal	Crude Fiber	7.0	9.5
Ograco 44% Solvent Soybean Meal	Crude Protein	44.0	42.2
	Crude Fiber	7.0	8.7
Owensboro Milling Company, Owensboro, Kentucky			
Tru-Test 40% Hog Supplement	Crude Protein	40.0	37.0
Pan American Mills, Bowling Green, Kentucky			
Sun-Ray 40% Hog Concentrate, Medicated	Arsanilic Acid	0.05	0.0413
Corn By-Product Feed	Crude Fiber	6.0	8.2
Pedrick Laboratories, Sand Springs, Oklahoma			
Vigo 100 Dog Food	Crude Protein	16.0	15.4
Pet Food Packers, Washington C. H., Ohio			
Mac Dog & Puppy, Medicated Worming Food	Ash	2.75	4.0
Mac Dog & Puppy, Medicated Worming Food	Ash	2.75	4.07
Pierce & Williams, Hopkinsville, Kentucky			
Pierce & Williams Check-R-Mix Hog Grower (SA) 3N, Medicated	3-Nitro-4	0.0055	0.003
Pierce & Williams Check-R-Mix Hog Finisher No. 1 (A) 3N, Medicated	3-Nitro-4	0.004	0.0029
The Pillsbury Company, Minneapolis, Minnesota			
Pillsbury's Best Starter & Grower FZ4, Med.	Furazolidone	0.00083	
	Nitrofurazone	0.0056	0.0044
Pillsbury's Best Starter & Grower FZ4, Med.	Furazolidone	0.00083	
	Nitrofurazone	0.0056	0.00075
Pillsbury's Best Starter & Grower FZ4, Med.	Furazolidone	0.00083	
	Nitrofurazone	0.0056	0.00419
Pillsbury's Best Laying Mash S	Crude Protein	22.0	21.4
Pillsbury's Best Laying Mash S	Crude Protein	22.0	20.3
Pillsbury's Best Laying Mash W	Crude Protein	20.0	19.3
Pillsbury's Best Layeration W	Crude Protein	16.0	15.0
Pillsbury's Best Dairy Mixer - 44	Crude Protein	44.0	43.2
Pillsbury's Best Dairy Mixer - 44	Crude Protein	44.0	40.2

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
Pillsbury's Best 32% Dairy Supplement	Crude Protein	32.0	29.9
Pillsbury's Best 32% Beef Feedlot Supplement	Crude Protein	32.0	26.6
Pillsbury's Best Maxi-Meal Hog Concentrate	Crude Protein	32.0	30.3
Pillsbury's Best Pig Starter (HAB), Medicated	3-Nitro-4	0.0025	0.0036
Planters Oil Mill, Tunica, Mississippi			
41% Cottonseed Meal	Crude Protein	41.0	40.0
The Quaker Oats Company, Chicago, Illinois			
Ful-O-Pep Milking 50% M	Crude Protein	50.0	46.2
Ful-O-Pep Milking 40% M	Crude Protein	40.0	37.6
Ful-O-Pep Pro Sweet 32% M	Crude Protein	32.0	31.3
Ful-O-Pep Pro Sweet 32% M	Crude Protein	32.0	30.1
Ful-O-Pep Gro-Pork 45 Supplement, Medicated	Crude Protein	45.0	44.2
Ful-O-Pep Gro-Pork 45 Supplement, Medicated	Arsanilic Acid	0.05	0.045
Ful-O-Pep Gro-Pork 45 Supplement, Medicated	Arsanilic Acid	0.05	0.027
Ful-O-Pep 40% Hog Supplement M	Salt	1.75	2.82
Ful-O-Pep Pig Starter (K) L, Medicated	Crude Fat	5.0	4.2
Ralston Purina Company, St. Louis, Missouri			
Purina Chick Startena ZO, Medicated	Zoalene	0.0125	0.0077
Purina Chick Startena ZO-V, Medicated	Zoalene	0.0083	0.006
Purina Cow Chow Concentrate 50%	Crude Protein	50.0	47.2
Purina Cow Chow Concentrate 50%	Crude Protein	50.0	48.3
Purina Cow Chow Concentrate 50%	Calcium	4.0	3.34
Purina Steer Fatena 32%	Crude Protein	32.0	31.1
Purina 0.0011% Diethylstilbestrol in Purina Special Steer Fatena	N. P. N. (Urea)	8.75	14.3
Purina Hog Chow 3N, Medicated	3-Nitro-4	0.025	0.0145
Purina Hog Chow 3N, Medicated	3-Nitro-4	0.025	0.0178
Purina Hog Chow 3N, Medicated	Crude Protein	36.0	34.4
Purina Pig Startena Special, Medicated	Crude Protein	18.0	17.4
Purina D&F Chow NF (For Sows), Medicated	Furazolidone	0.0165	0.0104
Purina D&F Chow NF (For Sows), Medicated	Furazolidone	0.0165	0.0136
Randolph Milling Company, Bandana, Kentucky			
Ra-Mi-Co 20% Egg Mash	Crude Protein	20.0	19.4
Rhodes Sweet Feed Mill, Mayfield, Kentucky			
Feeders Choice 16% Dairy Feed	Crude Protein	16.0	12.7
Riteway Milling Company, Otway, Ohio			
Riteway's Jim Dandy Pig & Sow Meal	Crude Protein	18.0	16.4
River Brand Rice Mills, Inc., Memphis, Tennessee			
Rice Bran	Crude Protein	12.0	10.6

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

FOUND	MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
			Percent	Percent
9.9		Crude Fiber	12.0	13.7
6.6				Not Registered
0.3	Robbins Brothers, Auburn, Kentucky			
0.0036	Hominy Feed	Crude Protein	10.0	8.7
	Hominy Feed	Crude Protein	10.0	8.9
	Hominy Feed	Crude Protein	10.0	7.8
0.0		Crude Fat	7.0	4.5
	Hominy Feed	Crude Protein	10.0	8.6
		Crude Fat	7.0	5.4
6.2				
7.6	Roberts Feed & Implement Store, Hebron, Kentucky			
1.3	Unique 18% Sow & Pig Ration	Crude Protein	18.0	16.1
0.1				
4.2	Robinson Milling Company, Somerset, Kentucky			
0.045	Green Valley 24% Dairy Feed	Crude Protein	24.0	21.9
0.027	Green Valley 24% Dairy Feed	Crude Protein	24.0	22.1
2.82	Happy Home 16% Sweet Dairy Feed	Crude Protein	16.0	14.6
4.2	Happy Home 16% Sweet Dairy Feed	Crude Protein	16.0	14.3
		Crude Fat	3.0	2.0
	Sun-Ray 40% Booster Hog Supplement, Medicated	Crude Protein	40.0	37.6
0.0077		Arsanilic Acid	0.05	0.0195
0.006	Sun-Ray 40% Booster Hog Supplement, Medicated	Arsanilic Acid	0.05	0.042
7.2	Sun-Ray 40% Booster Hog Supplement, Medicated	Arsanilic Acid	0.05	0.006
8.3	Sun-Ray 40% Booster Hog Supplement, Medicated	Arsanilic Acid	0.05	0.044
3.34				
31.1	Rogers Feed Store, Corinth, Kentucky			
	H-M Stock Feed	N. P. N. (Urea)	3.0	5.5
14.3	H-M Stock Feed	N. P. N. (Urea)	3.0	5.3
0.0145				
0.0178				
34.4	Russell Springs Milling Co., Russell Springs, Ky.			
17.4	Midget Maid Mixed Feed			Ground Corn Cockle Seed
0.0104	Midget Maid Mixed Feed			Ground Corn Cockle Seed
0.0136				
	Sandusky Brothers, Harrodsburg, Kentucky			
19.4	Winner Scratch Feed	Crude Protein	9.5	8.9
	Mixed Feed	Crude Protein	13.0	12.2
	Hominy Feed	Crude Fat	9.0	4.7
12.7				
	Scottsville Feed Mill, Scottsville, Kentucky			
	20% Laying Mash	Crude Protein	20.0	18.9
16.4				
	The Scott County Milling Co., Sikeston, Missouri			
	Gristo 35% Hog Pellets	Crude Protein	35.0	34.0
10.6				

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
Gristo Chick Grower, Medicated	Furazolidone	0.0008	0.0046
	Nitrofurazone	0.0055	
Gristo Chick Grower, Medicated	Furazolidone	0.0008	0.0037
	Nitrofurazone	0.0055	
Security Mills, Inc., Knoxville, Tennessee			
Security Special 16% Dairy Feed	Crude Protein	16.0	14.7
Security Special 16% Dairy Feed	Crude Fiber	7.5	8.2
Sikeston Cotton Oil Mill, Inc., Sikeston, Missouri			
41% Cottonseed Meal	Crude Protein	41.0	39.9
Smithfield Milling Company, Smithfield, Kentucky			
Mixed Feed	Crude Protein	14.5	13.8
South Coast Fisheries, Long Beach, California			
Top Form Cat Food	Crude Fat	2.0	8.0
Southern Cotton Oil, Memphis, Tennessee			
Sco-Co 41% Cottonseed Meal	Crude Protein	41.0	37.5
Southern States Bardstown Coop., Bardstown, Ky.			
Profit Maker 13% Hog Feed, Medicated	Arsanilic Acid	0.01	0.0072
Southern States Frankfort Coop., Frankfort, Ky.			
Profit Maker Dairy Feed	N. P. N. (Urea)	1.5	4.0
Southern States Hardin Coop., Elizabethtown, Ky.			
Profit Maker 16% All Mash Laying Ration, Med.	Arsanilic Acid	0.008	0.0097
Profit Maker 16% All Mash Laying Ration, Med.	Calcium	2.5	1.92
Southern States Hopkinsville Coop., Hopkinsville, Ky.			
16% Co-op Dairy	Crude Protein	16.0	15.0
Ground Barley	Crude Protein	9.0	8.4
Ground Barley	Crude Protein	11.0	8.5
Southern States Somerset Coop., Somerset, Kentucky			
Profit Maker 38% Swine Supplement	Crude Protein	38.0	36.9
	Crude Fiber	7.0	8.7
Spen-Well Feed Company, Winchester, Kentucky			
Newco Starter Grower & Developer	Crude Protein	17.0	16.2
Newco Egg Mash	Crude Fat	4.25	3.5
Newco Egg Mash	Crude Fat	4.25	3.7
Newco Feeds 24% Dairy	Crude Protein	24.0	22.0
Newco Feeds 24% Dairy	Crude Protein	24.0	22.8

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

FOUND Percent	MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
			Percent	Percent
0.0046	Newco Feeds 24% Dairy	Crude Protein	24.0	23.0
	Newco Pig Grower	Crude Protein	14.0	13.2
0.0037	Horse & Mule Feed	Crude Fat	4.0	3.4
	Stewart's Feed Mill, Flat Lick, Kentucky			
14.7	Stewart's Best Hog Fattener	Crude Fiber	3.0	5.2
8.2	Stewart's Best Hog Fattener	Crude Fiber	3.0	5.1
	Sturgis Milling Company, Sturgis, Kentucky			
39.9	Neva-Fail Vim 21% Egg Mash	Crude Fiber	6.5	7.9
	Neva-Fail 18% All Mash Laying Ration	Crude Protein	18.0	16.3
	Hoppy's 40% Hog Supplement	Crude Protein	40.0	38.7
13.8	Hoppy's 40% Hog Supplement	Crude Protein	40.0	38.9
	Hoppy's 40% Hog Supplement	Crude Protein	40.0	39.4
	Hoppy's 20% Pig & Sow Meal	Crude Protein	20.0	19.3
8.0	Hoppy's 20% Pig & Sow Meal	Crude Protein	20.0	18.7
	Hoppy's 20% Pig & Sow Meal	Crude Protein	20.0	18.1
	Hoppy's 20% Pig & Sow Meal	Crude Protein	20.0	18.5
37.5	Hoppy's 20% Pig & Sow Meal	Crude Fiber	6.0	7.4
	Sun-Ray Feed Mills, Bowling Green, Kentucky			
0.0072	Booster 18% Pig & Hog Feed	Crude Protein	18.0	17.2
	Booster 18% Pig & Hog Feed	Crude Protein	18.0	16.3
	Booster 18% Pig & Hog Feed	Crude Fat	4.0	3.3
4.0	Sunshine Molasses Company, Somerset, Kentucky			
	Hi-Protein Feeding Molasses	Sugar	48.0	47.0
0.0097	Supreme Mills, Glasgow, Kentucky			
1.92	Supreme 32% Poultry Supplement, Medicated	Arsanilic Acid	0.025	0.0186
	Supreme 20% Starter & Grower, Medicated	Arsanilic Acid	0.01	0.0022
15.0	Supreme 20% Starter & Grower, Medicated	Arsanilic Acid	0.01	0.0058
8.4	Supreme 20% Starter & Grower, Medicated	Arsanilic Acid	0.01	0.014
8.5	Supreme 20% Starter & Grower, Medicated	Arsanilic Acid	0.01	0.0029
	Supreme 20% Starter & Grower, Medicated	Arsanilic Acid	0.01	0.0026
	Supreme 45% Dairy Concentrate	Crude Protein	45.0	44.0
36.9	Supreme 45% Dairy Concentrate	N. P. N. (Urea)	20.95	23.2
8.7	Premo 24% Dairy Feed	Crude Protein	24.0	23.2
	Premo 24% Dairy Feed	Crude Protein	24.0	22.6
	Supreme Special 20% Dairy Feed	Crude Protein	20.0	16.9
16.2	Supreme Special 20% Dairy Feed	Crude Protein	20.0	16.8
3.5	Premo 20% Calf Developer, Medicated	Crude Fat	3.0	2.4
3.7	Supreme 17½% Pig & Hog Feed	Crude Protein	17.5	16.1
22.0	Premo Stock Feed	Crude Protein	14.0	12.7
22.8				

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MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
		Percent	Percent
D. B. Sutherland & Sons, Bloomfield, Kentucky			
Kentucky Star Special 24% Dairy Feed	Crude Protein	24.0	21.2
Kentucky Star Special 24% Dairy Feed	Crude Protein	24.0	21.4
Kentucky Star Special 24% Dairy Feed	Crude Protein	24.0	23.4
Kentucky Star Special 16% Dairy Feed			Unground weed seeds
N. R. G. 26% Dog Feed	Crude Protein	26.0	25.0
Kentucky Star Farm Feed	Crude Protein	16.0	13.6
	Crude Fat	3.5	2.8
Kentucky Star Farm Feed	Crude Protein	16.0	14.5
Kentucky Star Farm Feed	Crude Protein	16.0	14.6
Kentucky Kernel Hominy Feed	Crude Fiber	6.0	7.5
Kentucky Kernel Hominy Feed	Crude Fat	7.0	6.0
Sweet Feed Mill, Bowling Green, Kentucky			
Good Fresh Grains 16% Dairy Feed	Crude Protein	16.0	15.3
T&H Feed Service, Lebanon, Kentucky			
Marco 16% Dairy Feed	Crude Protein	16.0	14.6
Tabor Feed Mill, Columbia, Kentucky			
Tabor 40% Hog Supplement	Crude Protein	40.0	39.2
Tabor 36% Pig & Sow Supplement	Crude Protein	36.0	34.5
	Crude Fiber	8.0	9.5
	Calcium	3.8	2.31
Tabor Hatchery, Columbia, Kentucky			
Tabor 36% Pig & Sow Supplement	Calcium	3.8	2.69
The Thorobred Company, Inc., Waynesville, Ohio			
Thorobred All Beef Dog Food	Crude Fat	6.0	21.4
Thorobred All Beef Dog Food	Crude Fat	6.0	17.3
Thorobred All Beef Dog Food	Crude Fat	6.0	17.1
Thorobred All Beef Dog Food	Crude Fat	6.0	14.7
Thorobred Chicken Parts Dog Food	Crude Protein	11.5	10.7
	Crude Fat	6.0	12.9
Thurmond Coal & Feed Company, Murray, Kentucky			
Thurmond's Laying Mash	Crude Protein	20.0	16.6
Thurmond's Laying Mash	Crude Protein	20.0	19.4
Trenton Cotton Oil Company, Trenton, Tennessee			
Trenton 41% Cottonseed Meal	Crude Protein	41.0	38.7
Trenton 41% Cottonseed Meal	Crude Protein	41.0	39.9
Trenton 41% Cottonseed Meal	Crude Protein	41.0	37.5
	Crude Fiber	14.0	17.8
Trenton 41% Cottonseed Meal	Crude Protein	41.0	40.2

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

FOUND	MANUFACTURER, ADDRESS AND BRAND	GUARANTEED		FOUND
			Percent	Percent
1.2	Trenton 41% Cottonseed Meal	Crude Fiber	14.0	15.1
1.4		Crude Fiber	14.0	15.5
3.4	Trenton Milling Company, Trenton, Illinois			
ground weed seeds	Trenton Wheat Shorts & Screenings	Crude Protein	16.0	14.7
5.0	Tri-County Farm Supply, Corbin, Kentucky			
3.6	Profit Maker 16% All Mash Laying Ration, Med.	Calcium	2.5	1.67
2.8				
4.5	Unique Feed Mills, Hebron, Kentucky			
4.6	Unique 18% Sow & Pig Ration	Crude Protein	18.0	16.6
7.5				Unground weed seeds
6.0				
5.3	Vet's Division, Perk Foods Co., Chicago, Illinois			
	Vet's Cat Food	Moisture	74.0	77.6
4.6	Walters & Thompson, Shelbyville, Kentucky			
	Hominy Feed	Crude Fat	5.0	4.1
	Hominy Feed	Crude Fat	5.0	3.9
9.2	Martha White Mills, Huntington, West Virginia			
4.5	18% Reliable Laying Mash	Crude Protein	18.0	17.2
9.5	Liberty 24% Dairy Feed	Crude Protein	24.0	22.5
2.31	Liberty 24% Dairy Feed	Crude Protein	24.0	22.6
	Fortune 20% Pig & Sow Ration	Crude Fiber	6.0	6.7
2.69				
	Whitewater Flour Mills Co., Whitewater, Kansas			
	Wheat Shorts & Screenings	Crude Protein	15.0	14.2
1.4				
7.3	Williamstown Roller Mills, Williamstown, Kentucky			
7.1	Our Own 16% Pig & Sow Meal	Crude Protein	16.0	15.4
4.7				
0.7	Winchester Canning Co., Canal Winchester, Ohio			
2.9	Romp Dog Food	Crude Fat	2.0	1.3
6.6	Winn Milling Company, Greensburg, Kentucky			
9.4	Daisy 20% Dairy Feed	Crude Protein	20.0	18.7
8.7	Woolcott Mills, Inc., Lexington, Kentucky			
9.9	Sun-Ray 40% Hog Supplement	Crude Protein	40.0	39.4
7.5				
7.8				
0.2				

