

Commercial Feeds in Kentucky

1965



Regulatory Bulletin 190

University of Kentucky
Agricultural Experiment Station
Lexington

FEED AND FERTILIZER DEPARTMENT
KENTUCKY AGRICULTURAL EXPERIMENT STATION

Bruce Poundstone, Chairman
Robert Mathews, Asst. Adm. & Chief Inspector
J.M. Fernandez, Auditor - Inspector
W.J. Huffman, Registration Inspector

FIELD INSPECTION

E.G. Vanderpool
M.M. Davis

Neville Hulette

Noel J. Howard
W.M. Routt

LABORATORY

Valva Midkiff
J.T. Adair
Paul R. Caudill

J.A. Shrader
Dewey H. Newman, Jr.
John Ellis
Richard Westmoreland

*Lelah Gault
Norma Holbrook
Robert N. Price
Sue Witt

CONTENTS

	Page
Introduction and Feed Monitoring Program	3
Estimated Tonnage of Feed Sold in 1965	4
Companies on Reporting System May 1, 1966	5
Average Composition of More Common Feedstuffs.....	9
Miscellaneous Samples Analyzed in 1947-1965.....	11
Urea in Feeds	12
Changes in Product Names	13
How to Label Feeds containing Antibiotics	14
Type A Label	15
How to Label Feeds containing Drugs	16
Type B Label	17
Table 1 - Report of Official Samples Analyzed 1965	18
Table 2 - Samples Classified as "Not Passed"	24

* Died August 19, 1965

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 1965, and other information helpful to those interested in this field.

During 1965, 3,396 official samples of feed were secured by inspectors. 2,867 or 85% of these passed inspection and analysis satisfactorily.

During 1964, 3,372 official samples were secured and 2,832 or 84% of these were passed.

The total estimated tonnage of commercial feeds distributed in Kentucky for 1965, was 531,901 tons. In 1964, the tonnage was 535,604 tons.

FEED MONITORING PROGRAM

The class of insecticides known as chlorinated hydrocarbons (DDT, dieldrin, heptachlor, etc.) do not decompose readily after application. These insecticides have been used in Kentucky on crops fed to farm animals. Residues on such feed are stored in the fat of animals consuming them. Only a trace quantity is necessary to be passed by dairy animals into milk.

To assure dairymen that feeds fed in Kentucky are satisfactory, the Department of Feed and Fertilizer set up a Pesticide Residue Monitoring Program in 1962. The first year, 34 samples were analyzed. By 1965, 200 samples had been screened in this way. All dairy feed samples received by the department are now being analyzed for chlorinated hydrocarbon residues. They are checked for aldrin, lindane, dieldrin, DDT, DDD (rhothane), heptachlor, heptachlor epoxide and endrin.

All feeds tested have been within the tolerance.

Commercial Feeds in Kentucky, 1965

ESTIMATED TONNAGE OF SALES BY CLASS OF FEED,
KENTUCKY, 1965

<u>Mixed Feed</u>	<u>Tons</u>
Calf Feed	4,560
Cattle Feed	27,992
Dairy Feed	103,090
Dog & Cat Feed	16,352
Horse & Mule Feed	15,061
Mineral Feed	8,196
Pig & Hog Feed	92,393
Poultry Mashcs	130,531
Rabbit Feed	1,574
Scratch Feed	5,679
Sheep Feed	520
Stock Feed	1,297
Turkey Mashcs	8,203
Miscellaneous Mixed Feed	<u>17,518</u>
TOTAL MIXED FEED	<u><u>432,966</u></u>
<u>Straight Materials</u>	<u>Tons</u>
Alfalfa Products	3,049
Animal Products	5,156
Barley Products	44
Brewers Products	689
Corn Products	21,085
Cottonseed Products	11,790
Distillers Products	3,636
Linseed & Flax Products	182
Molasses	14,371
Oat Products	1,264
Soybean Products	13,342
Wheat Products	22,351
Miscellaneous Products	<u>1,976</u>
TOTAL STRAIGHT MATERIAL	<u><u>98,935</u></u>
GRAND TOTAL	531,901

Regulatory Bulletin No. 190

COMPANIES ON REPORTING SYSTEM, MAY 1, 1966

Abilene Flour Mills	Cadiz Milling Company
Acme-Evans Co., Inc.	The Carey Salt Co.
Ade Farm Chemical	Cargill, Incorporated
Agway, Inc.	John H. Carr Implement Co.
Albers Milling Co.	Casey County Farm Supply
Allen Products Co.	Cashman's Leghorn Farm
All-In-One Feeds, Inc.	Cat Life Packing Company
Allied Food Distributors, Inc.	Central Alfalfa, Inc.
Allied Mills, Inc.	Central Soya, Inc.
American Crystal Sugar Co.	Chickasaw Oil Mill Company
American Kennel Foods	Citizens Milling Co.
Anderson & Spilman	Clark Milling Company
Anglo Sweet Feed Mill, Inc.	Cleveland Milling Company
Anvil Mineral Products Corp.	Clinton Corn Processing Co.
Apex Feed & Supply Co.	Clinton Milling Co., Inc.
Archer-Daniel-Midland Co.	Cocke & Company
Arkansas Rice Growers Assoc.	Colchester Processing Company
Armeato Import Company	H.C. Cole Milling Company
Armour and Company	Colorado Milling & Elevator Co.
Armour Creameries	Columbian Hog & Cattle Powder Co.
Ashland Milling Company	Continental Chinchillas, Inc.
Aubrey Feed Mills, Inc.	Cooperative Mills, Inc.
Auburn Mills, Inc.	Corn Products Company
Aylor & Meyer Company	Cosby-Hodges Milling Company
	Crescent Roller Mills
Bagdad Roller Mills	
Barry Carter Milling Co.	William Davies Company, Inc.
Barton Distilling Co.	Dearborn Mills
Bates Farm Supply	Decatur Cotton Oil Company
Bay State Milling Co.	Diamond Crystal Salt Company
Beacon Div. of Textron	Diamond Laboratory
The Beardstown Mills Co.	Dixie Mills Company
Best Feeds & Farm Supplies, Inc.	Dixie Portland Flour Co. (Tenn.)
Big Sandy Wholesale Co.	Dixie Portland Flour Mills (Tenn.)
L.A. Black	Dixie Portland Flour Mills (Kan.)
Blatchford Calf Meal Co.	Doane Feed Products Company
Blenda Life, Inc.	Dog Life Packing Company
Bobb Brothers	Dover Milling Company
Boone County Farm Supply	Dunnington Milling Company
The Borden Company	Durant Milling Company
The Boswell Company	Dyersburg Oil Mill Company
Botkins Grain & Feed Co.	
Boyle Packing Co.	
Bradley & Baker	The Early & Daniel Company
Bremco Mills	Eckhart Milling Company
Brennan Packing Co.	The F.L. Emmert Company
The Brode' Corporation	John W. Eshleman & Sons
Browder Milling Company	Olen Evans Company (b)
Brown-Forman Distillers Corp.	Evans Milling Company, Inc.
Brown Molasses Company	John Ewing Company
The Buckeye Cellulose Corp.	Excelsior Milling Company
Buckeye Cotton Oil Div.	
The Buhler Mill & Elevator Co.	
Buhner & Co., Inc.	Fabro, Inc.
Bullitt County Feeders Supply	Fabro of Georgia, Inc.
Burton Feed & Supply (b)	Farm Services, Inc.

(s) Small Packages Only, (b) Bulk Sales Only, (m) Molasses Only, (d) Dog Food Only

Commercial Feeds in Kentucky, 1965

Farmers Elevator Company - Franklin
 Farmers Elevators, Inc. - Owensboro
 Farmers Friend Mineral Company
 Farmers Hay & Seed Co. (b)
 Farmers & Merchants Milling Co.
 Farmers Service (b)
 Farmers Supply - Sadieville
 Farmers Supply Company
 Feed Service Corporation
 Feeders Supply Company
 Finch Packing (d)
 Fischer Packing Company
 Fish Meal Company
 Foremost Dairies
 Fort Negley Mills
 Foster Canning Company
 Frosty Morn Meats
 Henry Fruechtenicht Company, Inc.
 Fruen Milling Company
 Fuhrer-Ford Milling Company

Gallatin County Farm Supply
 Garland Mills, Inc.
 Garrard Farm Services
 Garrard Mills
 General Distributing Company
 General Foods Corporation
 Corn Mill Division
 Gaines Division
 General Mills, Inc.
 Gethsemani Farms
 Gifford Feed & Grain
 Gilster Milling Co.
 Gland-O-Lac Co.
 Goldenrod Oil Meal Sales Co.
 Good-Life Chemical, Inc.
 The Great Atlantic & Pacific Tea Co.
 Great Lakes Pet Food Company
 The Great Western Sugar Company
 Green County Milling Co. (b)
 Green Valley Farm Supply, Inc. (b)
 Gro-Green Chemical Company
 Gwinn Brothers Company

Earl Hale & Son
 Hales & Hunter Company
 Peter Hand Foundation (s)
 Hardy Brothers Mills
 Hardy Salt Company
 Harpeth Mills
 Hartz Mountain Products Corp.
 Harrison Farm Supply (b)
 Harvest Brand, Inc.
 Haydon Mill & Grain Co. (s)
 Haynes Milling Company
 Hayward, Inc.
 Heaven Hill Distilleries
 Heckle Brothers
 Dr. Heinz Company
 Helmers & Berry Feed Co. (m)

Hi-Life Packing Company
 Hill Packing Company
 Hi-Vi Dog Food Company
 Hobbs Feed & Supply
 Hodgenville Roller Mills
 Hollar & Mardis
 Holly Sugar Corporation
 Hopkinsville Milling Company
 Horlicks Corporation
 Howdy Distributing Company
 Hudson's Farm Service (b)
 Huff & Puff Pet Foods
 Humphrey's Mills
 The Hunter Milling Company

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

Jacco Industries, Limited
 Jackson County Farm Bureau Coop. Ass'n.
 Jersee-Security Food Company
 I.S. Joseph Company, Inc.

The E. Kahn's Sons Company
 Kane Molasses Lab.
 K & K Manufacturing Company
 The Kansas Milling Company
 Keco Milling Company
 Keller Hay & Grain Company
 Kellogg Company
 Spencer Kellogg & Sons, Inc.
 Kentucky By-Products Corporation
 Kentucky Chemical Industries, Inc.
 Keynes Brothers
 Kimbell-Diamond Milling Company
 K & M Farm Service
 H.C. Knoke & Co.
 Kraft Foods
 Kroger Company

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

Lipscomb Grain & Seed Company, Inc.
Loft Dahlgreen, Inc.
London Feed & Milling Company
Lowe's Feed & Hatchery
Lynn Grove Milling Company

M.F.A. Grain & Feed Division
The M.G.R. Feed Company
Magic Feed Mills, Inc.
Man-An-So Corporation
Marblehead Lime Company
Marco Mills, Inc.
Marianna Sales Company
Marion Milling Company
Markin Feed Company
Master Feed & Seed Company, Inc.
Mavar-Shrimp & Oyster Company (Cat)
Mayfield Sweet Feed Mill
Mayfield Milling Company, Inc.
McCauley Brothers Seed
McKnight-Keaton Grocery
Memphis Cotton Oil Mill
Mennel Milling Company
Metcalfe County Farm Supply, Inc.
Middlesboro Milling Company
Midget Mill
Midland Flour Milling Company
Mid-South Feeds, Inc.
Midsouth Milling Company
Midwest Feeds
Midwest Mineral Company
Milliken Sweet Feed Mill
Mineral Products Company
Model Mills
Mohawk Roller Mills
August Moldenhauer Mill
Monroe County Farmers Service, Inc.
Monroe Sweet Feed Mill
Moore-Lowry Flour Mills, Inc.
Moorman Manufacturing Company
The Mor-Milk Company
John Morrell & Company
Morristown Milling Company
Morton Salt Company
Mowatt, Wilson & Company
Mt. Sterling Hatchery (b)
Mt. Vernon Milling Company
Murphy Grain & Milling Company
Mutual Products Company (s)
Myzon, Inc.

H. Nagel & Son
Nashville Cotton Oil Mill Corp.
National Additive Corporation
National Alfalfa Dehyd. & Milling Co.
National Biscuit Company
National Distillers Products Company
National Molasses Company
National Oats Company
National Remedy Products Co., Inc.
Nebraska Consolidated Mills Company
Neumond, Inc.
New Era Milling Company

Northern Ohio Sugar Company
Charles Nunn & Sons Milling Co.
Nutrena Mills, Inc.

Odon Milling Company
Oelwein Chemical Company
Old Stanley Distillery, Inc.
Osceola Products Company
Orleans Candy Company
Orleans Canning Company
Owensboro Grain Company
Owensboro Milling Company

Pacific Molasses Company
Packers By-Products Company
Pan American Mills (s)
Phillip P. Park, Inc.
Peavy Company Flour Mills
Pedrick Laboratories
Pendleton County Mills
Penick & Ford, Ltd., Inc.
Stanley Penn & Son Inc.
John J. Pepin & Company
Perk Food Company
Pfizer & Company
Philip Roxane Division
Phillips Petroleum Company
Pittsburg Plate Glass Company
Planters Manufacturing Company
Planters Oil Mill
Portland Feed Mill, Inc.
Proviso Feeds & Concentrates

The Quaker Oats Company
Quin Menhaden Fisheries
Quisenberry Mills, Inc.

Ralston Purina Company
Lloyd Reiterman
Reliance Chemical Corporation
Richland Mills
Rico Liquids, Inc.
Riteway Milling Company
Riviana Foods, Inc.
Allen Robertson Company, Inc.
Robinson Milling Company, Inc.
Rome Oil Mill
G.P. Rose & Company, Inc.
Russells Company
Russell-Miller Milling Company
Ryde & Company

S & O Products, Inc.
Sandusky Brothers
Sanford's Feed Service
Salyersville Wholesale Company
Charles W. Schenk & Sons (s)
Schenley Distillers, Inc.
John Schlemmer
Scientific Milling Company

Scioto Farm Bureau Coop. Ass'n.
 The Scott County Milling Company
 Seaboard Allied Milling Company
 Seaboard Seed Company
 Sea-Born Mineral (Div. of Skod)
 Joseph E. Seagram & Sons, Inc.
 Security Mills, Inc.
 Shellabargers, Inc.
 The Sherwin-Williams Company
 Siemer Milling Company
 Sikeston Cotton Oil Mill
 Simpson Milling Company
 The W.J. Small Company, Div.
 J. Allen Smith
 Smith-Douglas
 Smith Packing Company
 Southcoast Fisheries Company
 Southern Canning Sales, Inc.
 The Southern Cotton Oil Company (Ala.)
 The Southern Cotton Oil Company (Tenn.)
 Southern States Bardstown Cooperative
 Southern States Bowling Green Cooperative
 Southern States Boyle Cooperative
 Southern States Campbellsville Coop.
 Southern States Carlisle Coop.
 Southern States Clark Coop.
 Southern States Cooperative
 Southern States Cooperative Service
 Southern States Coop. Seed & Farm
 Supply, Inc.
 Southern States Cynthiana Cooperative
 Southern States Frankfort Cooperative
 Southern States Fulton Cooperative
 Southern States Georgetown Coop.
 Southern States Glasgow Coop.
 Southern States Hardin Coop.
 Southern States Henderson Coop.
 Southern States Hopkinsville Coop.
 Southern States LaGrange Cooperative
 Southern States Lebanon Cooperative
 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 Russellville Coop.
 Southern States Somerset Coop.
 Southern States Coop. Elkton Branch
 Sowell Brothers Feed Mill
 Specialty Food Company
 Specialty Feeds, Inc.
 Spen-Well Feed Company
 Sphar & Company
 St. Louis Brewers Yeast Company
 A.E. Staley Manufacturing Co.
 Standard Brands, Inc.
 Standard Products Co., Inc.
 Stauffer Chemical Company
 F.W. Stock & Sons, Inc.
 Suni-Citrus Products Company
 Sun-Ray Feed Mills (Lexington)
 Sunshine Feed Mill, Inc.
 Sunshine Molasses Company
 Supreme Mills
 Surewill Mfg. Co., Inc.
 D.B. Sutherland & Sons
 Swift & Company (Chicago)
 Swift & Company (Memphis)
 Swift & Company - Oil Mill
 Swift & Company - Pard Food Dept.
 Tabor Enterprises
 Teater & Cassity Farm Service
 Tennessee Farmers Cooperative
 Thompson Feed Mill
 The Topeka Flour Mills Corp.
 Todd County Grain Co., Inc. (b)
 Tree City Specialties
 Trenton Cotton Oil Company
 Tri Associates, Inc.
 Tri-County Farm Supply
 Tri-State Molasses Company
 Trueblood Grain & Storage (b)
 Turf Feeds, Inc.
 Union Sales Corporation
 United Salt Corporation
 Usen Canning Company
 Valier & Spies Milling Company
 Vets Division of Perk Foods Co.
 Vita Fresh Dog Food Corp.
 Vita Plus Corporation
 Vitamineral Products Company
 VyLactos Laboratories, Inc.
 W & W Hamstery
 Walters & Thompson (m)
 Watkins Products
 Weisenberger Sanitary Flour Mills
 West Tennessee Soya Mill, Inc.
 Western Condensing Company
 Western Grain Company
 Martha White Mills, Inc.
 Martha White Mills of West Virginia
 Whitewater Flour Mills Company
 Whitney Seed Company
 R.L. Wiles Feed Mills, Inc.
 Yopp Seed Company

AVERAGE COMPOSITION OF THE MORE COMMON FEEDSTUFFS

Feedstuff	Protein	Fat	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 Chops	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 Meal, 55%	55.8	9.3	2.1	1.3	6.1	25.4
Meat & Bone Meal, 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	Fat	Carbohydrates		Water	Ash
			Fiber	N.F. Extract		
Meat Meal Tankage, 60%	60.6	8.5	2.0	1.8	6.9	20.2
Meat Meal 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

ROUGHAGES

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

FILLERS

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-Products	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 1947-65

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

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.

CHANGES IN PRODUCT NAMES

<u>NEW NAME</u>	<u>OLD NAME</u>
Soybean Meal	Soybean Oil Meal
Linseed Meal	Linseed Oil Meal
Meat Meal	Meat Scraps
Meat Meal Tankage	Tankage or Digester Tankage
Wheat Middlings	Wheat Standard Middlings
	Wheat Gray Middling
Wheat Shorts	Wheat Brown Shorts
	Wheat Gray Shorts
	Wheat White Shorts
Wheat Mill Run	Wheat Mixed Feed
Wheat Germ Meal	Wheat Germ Oil Meal
Oat Hulls	Oat Mill By Products (If Fiber is over 22%)
Rye Mill Run	Rye Feed
Rye Flour Middlings	Rye Middlings
Soybean Mill Feed	Soybean Mill Product
Vitamin A Oil	Vitamin A Feeding Oil
Vitamin D Oil	Vitamin D Feeding Oil
Vitamin A & D Oil	Vitamin A & D Feeding Oil
Cane Molasses	
Corn Sugar Molasses	Molasses
Beet Molasses	
Citrus Molasses	
BHA (A Preservative)	Butylated Hydroxyanisole (A Preservative)
BHT (A Preservative)	Butylated Hydroxy Toluene (A Preservative)

HOW TO LABEL FEEDS CONTAINING ANTIBIOTICS FOR GROWTH PROMOTION
AND IMPROVED FEED EFFICIENCY

The labeling of feeds containing Antibiotics for growth promotion and feed efficiency was changed on January 1, 1966.

All labels for feeds containing Antibiotics must give the purpose for which the Antibiotics are used after the Brand Name of the feed. The Antibiotics are listed as Active Drug Ingredients and the percentage does not have to be shown, however, we have no objection to the percentage being shown. If the percentage is shown it should be in grams per ton thru 2000 grams and grams per pound if the amount used is over 2000 grams. Feeding directions must be shown on the label for such products. The word "Medicated" under the Brand Name is not a requirement on labels for feed containing Antibiotics for growth promotion and feed efficiency.

On labels for pre-mixes, concentrates and supplements, the percentage of Antibiotics must be shown and adequate mixing directions to provide a finished feed with the proper concentration of Antibiotics.

The Federal Additive Regulation for certain Antibiotics, Tylosin, Oleandomycin and Nystatin require quantitative guarantees regardless of the level or purpose of the Antibiotic.

A sample Type A Label is shown on page 15.

TYPE A LABEL

TO BE USED FOR FEEDS CONTAINING ANTIBIOTICS AT THE
ACCEPTED LEVELS FOR GROWTH PROMOTION AND / OR FEED
EFFICIENCY AS SET FORTH IN FOOD ADDITIVE REGULATION
121.225

100 lbs. Net Weight

**BLUE BIRD
CHICK GROWER**

For growth stimulation and feed efficiency when fed as directed.

ACTIVE DRUG INGREDIENTS:

PENICILLIN (from procaine penicillin)

BACITRACIN (from manganese bacitracin)

GUARANTEED ANALYSIS:

CRUDE PROTEIN, not less than 17.0%

CRUDE FAT, not less than 3.0%

CRUDE FIBER, not more than 6.0%

INGREDIENTS:

Each ingredient must be specifically named (unless stated as such in the guaranteed analysis listing) in accordance with the names and definitions adopted by the AAFCO.

DIRECTIONS FOR USE:

To be fed as a sole ration for growing poultry.

MANUFACTURED BY

BLUE BIRD FEED MILLS

Robin, Indiana

Type A Label

HOW TO LABEL FEEDS CONTAINING DRUGS

All labels for feeds containing Drugs must have the word "Medicated" under the Brand Name and it must be in type half the size of the type for the Brand Name.

The purpose for which the feed is used should be listed next and under this, the Active Drug Ingredients.

This label is to be used for all Medicated Feeds which contain Drugs for special purposes such as prevention of diseases, treatment of diseases, aid in control of diseases, hormone action, worming etc. This label is also used on feeds containing growth promotion drugs other than Antibiotics.

All labels for feeds containing Drugs should have feeding directions and withdrawal notices when necessary. In Pre-Mixes, Concentrates and Supplements, the feeding directions should give directions for mixing the finished feed.

A Sample Type B Label is shown on page 17.

Regulatory Bulletin No. 190

TYPE B LABEL

TO BE USED FOR ALL MEDICATED FEEDS

100 LBS. NET WEIGHT

BLUE BIRD
CHICK STARTER 3218

MEDICATED

To aid in preventing outbreaks of coccidiosis. Follow feeding directions and warning statement on back of this label.

Active Drug Ingredient(s)

Nicarbazin 0.0125%

Guaranteed Analysis

Crude Protein, not less than.....20.0%
 Crude Fat, not less than..... 4.0%
 Crude Fiber, not more than..... 3.0%

INGREDIENTS

Each ingredient must be specifically named (unless stated as such in the guaranteed analysis listing) in accordance with the names and definitions adopted by the AAFCO.

Manufactured by

BLUE BIRD FEED MILLS

Robin, Indiana

Type B Label

18 TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1965

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
Abilene Flour Mills Co., Abilene, Kansas	2	2	
Acme-Evans Co., Indianapolis, Indiana	2	2	
Agway, Inc., Syracuse, New York	2	2	
Albany Mills, Albany, Kentucky	4	3	1
Albers Milling Co., Los Angeles, California	3	3	
Allen Products Co., Inc., Allentown, Pennsylvania	6	6	
Allied Food Distributors, Atlanta, Georgia	10	10	
Allied Mills, Inc., Chicago, Illinois	143	133	10
American Kennel Foods, Russellville, Kentucky	1	1	
Anderson County Farm Service, Lawrenceburg, Ky.	3	2	1
Anderson-Spilman, Danville, Kentucky	6	5	1
Anglo Sweet Feed Mill, Inc., Owensboro, Kentucky	9	3	6
Apex Feed & Supply, Inc., Marietta, Ohio	1		1
Archer-Daniel-Midland Co., Minneapolis, Minn.	7	7	
Armour and Company, Chicago, Illinois	2	2	
Arkansas City Mills, Arkansas City, Kansas	1	1	
Ashland Milling Co., Ashland, Kentucky	21	16	5
The Great Atlantic & Pacific Tea Co., Maspeth, N.Y.	11	11	
Aubrey Feed Mills, Inc., Louisville, Kentucky	218	203	15
The Auburn Mills, Inc., Auburn, Kentucky	16	12	4
Austin Dog Food, Div. of Sunshine Biscuits, Long Island, New York	1	1	
Aylor & Meyer Company, Aurora, Indiana	4	2	2
Bagdad Roller Mills, Inc., Bagdad, Kentucky	34	23	11
Banner Feed Mills, Huntington, West Virginia	1	1	
Bardstown Mills, Bardstown, Kentucky	1	1	
Barton Distilling Company, Bardstown, Kentucky	5	5	
Bates Farm Supply, Dry Ridge, Kentucky	3	3	
Baughman Milling Company, Stanford, Kentucky	24	15	9
Bay State Milling Company, Leavenworth, Kansas	3	3	
Beacon Division of Textron, Inc., Kansas City, Mo.	27	22	5
James B. Beam Distilling Company, Clermont, Ky.	1	1	
B.A. Bernard & Co., Inc., Camden, New Jersey	2	2	
Best Feeds & Farm Supplies, Inc., Oakdale, Penn.	1	1	
Bi-County Farm Bureau Coop. Assn., Florence, Ky.	10	8	2
Big 4 Feed & Implement Co., Scottsville, Kentucky	2	2	
Birmingham Milling Company, Benton, Kentucky	4	2	2
Blatchford Calf Meal Company, Waukegan, Ill.	1	1	
Bobb Brothers, Leesburg, Ohio	4	4	
Bow Wow Company, Rolla, Missouri	2	2	
Boyle Packing Company, Danville, Kentucky	2	2	
Bremco Alfalfa Mills, Inc., New Bremen, Ohio	2	1	1
Browder Milling Company, Fulton, Kentucky	11	9	2
Brown-Forman Distillers Corp., Louisville, Ky.	3	3	
Bryant & Crume Milling Co., Caneyville, Ky.	6	4	2
The Buckeye Cotton Oil Div., Cincinnati, Ohio	5	4	1
Buhler Mills, Inc., Buhler, Kansas	2	2	
Bush Brothers & Company, Clinton, Tenn.	6	6	
A.C. Butts & Sons, Fulton, Kentucky	2	2	
Cadiz Milling Company, Cadiz, Kentucky	5	3	2
Caneyville Roller Mills, Caneyville, Kentucky	4	2	2
Cardinal Food Products, Inc., St. Louis, Mo.	4	2	2
Cargill, Inc., Minneapolis, Minn.	3	3	
Carnation Company, Los Angeles, California	8	8	
Carroll County Farm Bureau Coop., Carrollton, Ky.	4	4	
Cat Life Packing Company, Chicago, Illinois	5	5	
Central Soya, Inc., Ft. Wayne, Indiana	235	199	36
Chickasaw Oil Mill, Inc., Memphis, Tenn.	2	2	
Citizens Milling Co., Somerset, Kentucky	8	6	2
City Roller Mills, Vevay, Indiana	1	1	
Clarkson Feed Store, Clarkson, Kentucky	1	1	
Clinton Hatchery, Clinton, Kentucky	5	4	1
Clinton Milling Company, Clinton, Kentucky	33	30	3

TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1965

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
H.C. Cole Milling Company, Chester, Illinois	10	9	1
Community Mills, Belton, Kentucky	5		5
Community Milling Co., Irvington, Kentucky	7	6	1
Consolidated Mills, Blissfield, Michigan	3	2	1
Cooper Brothers, Elizabethtown, Kentucky	1	1	
Cooperative Mills, Inc., Cincinnati, Ohio	285	254	31
Cooperative Seed & Farm Supply, Louisville, Ky.	1	1	
Crescent Roller Mills, Inc., Taylorsville, Ky.	10	8	2
Crestwood Farmers Supply Center, Crestwood, Ky.	2	1	1
Culton Seed Cleaners, Winchester, Kentucky	1		1
Custom Feed Mills, Morganfield, Kentucky	4	4	
Darling & Company, Chicago, Illinois	1	1	
Dearborn Mills, Inc., Aurora, Indiana	34	32	2
Decatur Cotton Oil Company, Decatur, Alabama	5	4	1
W.C. Dicken & Son, Mentor, Kentucky	2	2	
Dinner Bell Dog Food Company, South Lyon, Mich.	1	1	
Dixie Mills Company, East St. Louis, Ill.	11	10	1
Dixie Portland Flour Mills, Inc., Memphis, Tenn.	2	2	
Dixie Portland Flour Mills, Inc., Arkansas City, Kansas	1	1	
Dixie Portland Flour Mills, Inc., Chattanooga, Tennessee	1	1	
Dog Life Packing Company, Chicago, Illinois	1	1	
Duncan-McFarland Farm Service, Lawrenceburg, Ky.	6	5	1
Dyersburg Oil Mill Company, Dyersburg, Tenn.,	4	4	
The Early and Daniel Co., Cincinnati, Ohio	94	68	26
The F.L. Emmert Company, Cincinnati, Ohio	3	3	
Empire Rice Mills, Inc., Fair Oaks, Arkansas	1	1	
John W. Eshelman & Sons, Lancaster, Pennsylvania	20	19	1
Evans Milling Company, Indianapolis, Indiana	1	1	
Ewing Mill Company, Brownstown, Indiana	11	9	2
Fabro, Inc., Atlanta, Georgia	6	6	
Fabro of Georgia, Inc., Atlanta, Georgia	2	2	
Famous Feed Mills, Nashville, Tennessee	18	13	5
The Farm Bureau Coop. Assn., Columbus, Ohio	3	3	
Farm Bureau Milling Company, Hammond, Indiana	12	6	6
Farmers Elevator Company, Franklin, Kentucky	1	1	
Farmers Elevator's Inc., Owensboro, Kentucky	3	1	2
Farmers Feed Store, Central City, Kentucky	4	4	
Farmers & Merchants Milling Company, Brooksville, Kentucky	2	1	1
Farmers Milling Company, Somerset, Kentucky	7	5	2
Farm Services, Inc., Glasgow, Kentucky	6	5	1
Farmers Supply Company, Beaver Dam, Kentucky	1	1	
Farmers Supply & Produce Company, Monticello, Ky.	3	3	
J.H. Fedders, Inc., Covington, Kentucky	11	10	1
Feeders Supply Company, Louisville, Kentucky	3	2	1
Ferguson Brothers Feed Mill, Albany, Kentucky	1	1	
Fischer Products Company, Inc., Jacksonville, Fla.	1	1	
The Fleischmann Distilling Company, Owensboro, Kentucky	1	1	
Folsomdale Milling Company, Folsomdale, Kentucky	1	1	
The R.T. French Company, Rochester, New York	1	1	
Frosty Morn Meats, Clarksville, Tennessee	3	3	
Henry Fruechtenicht Company, Inc., Louisville, Ky.	173	156	17
Fuhrer-Ford Mill Company, Inc., Mt. Vernon, Ind.	7	5	2
Gallatin County Farm Supply, Warsaw, Kentucky	3	3	
Garden Street Mill & Elevator, Louisville, Ky.	9	8	1
Garrard Farm Service, Lancaster, Kentucky	1	1	
Garrard Mills, Lancaster, Kentucky	16	5	11
The J.I. Gates Milling Company, Columbus, Ohio	2	1	1

Commercial Feeds in Kentucky, 1965

20 TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1965

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
General Foods Corporation, White Plains, New York	7	6	1
General Foods Corporation, Kankakee, Illinois	2		2
General Mills, Inc., Minneapolis, Minnesota	6	6	
General Packing Company, Waynesville, Ohio	4	1	3
Germantown Milling Company, Germantown, Kentucky	4	3	1
Giant Wholesale Company, Johnson City, Tennessee	1	1	
Gilster Milling Company, Chester, Illinois	9	7	2
Goldenrod Oil Meal Sales Company, Memphis, Tenn.	7	4	3
Green County Milling Company, Greensburg, Ky.	2	1	1
Guthrie Farm Supply, Harrodsburg, Kentucky	1	1	
Gwinn Brothers and Company, Huntington, West Va.	8	8	
Earl Hale & Son, Waverly, Ohio	5	5	
Earl Hale & Son, Jasper, Ohio	2	2	
Hales & Hunter Company, Chicago, Illinois	19	16	3
Hardin County Milling Company, Elizabethtown, Ky.	1	1	
Hardin Feed Mill, Hardin, Kentucky	5	4	1
Hardy Brothers Mills, Walton, Kentucky	7	7	
Harlan Farmers Supply, Harlan, Kentucky	2	2	
Harpeth Mills, Nashville, Tennessee	2		2
Hartz Mountain Products Corporation, New York, New York	4	4	
Harvest Brand, Inc., Pittsburgh, Kansas	3		3
T.J. Haycraft Sales & Service, Leitchfield, Ky.	3	3	
Haydon Mill & Grain Company, Springfield, Ky.	14	11	3
Haynes Milling Company, Inc., Portland, Ind.	2	2	
Heaven Hill Distilleries, Bardstown, Kentucky	9	9	
Dr. Heinz Company, Inc., Bloomingburg, Ohio	12	10	2
Burch Hester Feed Store, Hustonville, Kentucky	5	5	
Hi-Life Packing Company, Chicago, Illinois	1	1	
Hill Packing Company, Topeka, Kansas	3	3	
Hodgenville Roller Mills, Hodgenville, Kentucky	1	1	
Home Milling Company, Greenville, Kentucky	19	9	10
Hopkinsville Milling Company, Hopkinsville, Ky.	4	4	
Howdy Distributing Company, Williamstown, West Va.	2	2	
Huff & Puff Pet Foods, Inc., Reedville, Virginia	2	2	
Igleheart Brothers, Evansville, Indiana	10	10	
Indiana Farm Bureau Coop. Assn., Indianapolis, Indiana	1	1	
Illinois Cereal Mills, Paris, Illinois	6	6	
Illinois Soya Products Company, Springfield, Ill.	5	5	
J.F. Imbs Milling Company, St. Louis, Mo.	1	1	
Independent Oil Mill, Inc., Jackson, Mississippi	1	1	
International Milling Company, Inc., Minneapolis, Minnesota	1	1	
Kaler Milling Company, Symsonia, Kentucky	2	2	
Kane Molasses Laboratories, Inc., Mt. Pulaski, Illinois	4	1	3
Keco Milling Company, Nashville, Tennessee	2	2	
Keller Hay and Grain Company, Newport, Kentucky	1	1	
Kentucky Animal By-Products Co., Russellville, Ky.	2	2	
Kentucky By-Products Corporation, Louisville, Ky.	9	3	6
Keynes Brothers, Logan, Ohio	1	1	
Knauf & Tesch Company, Chilton, Wisconsin	1	1	
Knifley Feed & Supply, Elkhorn, Kentucky	4	3	1
Ed G. Koehl, Inc., Reading, Ohio	2	2	
Kraft Foods, Chicago, Illinois	3	3	
Lake County Oil Mill, Tiptonville, Tennessee	5	2	3
Lauhoff Grain Company, Danville, Illinois	2	1	1
Harry L. Laws & Company, New Orleans, Louisiana	1	1	
Lexington Roller Mills, Lexington, Kentucky	25	23	2
Lewisburg Roller Mills, Lewisburg, Kentucky	4	2	2

TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1965

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
Lilly Brothers Seed Company, Hopkinsville, Ky.	4	4	
Lipscomb Farm Supply, Walton, Kentucky	2	2	
Liv-A-Snaps, Inc., St. Paul, Minnesota	1	1	
Livestock Supply Company, Owensboro, Kentucky	2	2	
Louisa Supply Company, Louisa, Kentucky	5	4	1
Lovelaceville Feed Mill, Lovelaceville, Kentucky	2	2	
Lowe's Feed & Hatchery, Bowling Green, Kentucky	4	4	
McGahan Feed Company, Paintsville, Kentucky	1	1	
McKnight-Keaton Grocery Company, Sikeston, Mo.	5	5	
Magic Feed Mills, Odon, Indiana	3	3	
Martin Sales Company, Toledo, Ohio	1	1	
Marnat Packing Company, Bennettsville, South Carolina	1	1	
Mavar Shrimp and Oyster Co., Inc., Biloxi, Miss.	1	1	
Mayfield Milling Company, Mayfield, Kentucky	11	7	4
Mayfield Sweet Feed Mill, Mayfield, Kentucky	25	22	3
Meadows Feed & Building Supply, Clay City, Ky.	8	6	2
The Mennel Milling Co., Fostoria, Ohio	3	3	
Metzger Brothers, Paducah, Kentucky	2		2
Middlesboro Milling Company, Middlesboro, Ky.	10	9	1
Midget Mill, Somerset, Kentucky	4	2	2
The Midland Grocery Co. of Ohio, Wash. C.H., Ohio	1	1	
Mid-South Feeds, Inc., Nashville, Tennessee	22	15	7
Mid-South Milling Company, Memphis, Tennessee	2	2	
S.E. Mighton Company, Bedford, Ohio	2	2	
Minnesota Linseed Oil Company, Minneapolis, Minn.	1	1	
Minter City Oil Mill, Minter City, Mississippi	1	1	
Mohawk Roller Mills, Mohawk, Tennessee	2	1	1
Monarch Milling Company, Mt. Sterling, Kentucky	3	2	1
Monroe Sweet Feed Mill, Tompkinsville, Kentucky	1	1	
Monroe County Farmers Service, Inc., Tompkinsville, Kentucky	1	1	
Moorman Manufacturing Company, Quincy, Illinois	20	18	2
Morgan Packing Company, Inc., Austin, Indiana	1	1	
Morgantown Feed Mill, Morgantown, Kentucky	1	1	
John Morrell & Company, Chicago, Illinois	2	2	
Morristown Milling Company, Morristown, Tennessee	1	1	
Mt. Vernon Milling Company, Mt. Vernon, Indiana	4	4	
Munfordville Milling Company, Munfordville, Ky.	1	1	
Murphy Grain & Milling Co., Owensboro, Kentucky	3	3	
H. Nagel & Son, Cincinnati, Ohio	1	1	
Nashville Cotton Oil Mill Corp., Nashville, Tenn.	5	4	1
National Biscuit Company, Toledo, Ohio	3	3	
National Molasses Co., Willow Grove, Penn.	14	14	
National Oats Company, East St. Louis, Ill.	18	17	1
National Packing Company, Greenville, Miss.	1	1	
The New Era Milling Company, Arkansas City, Kan.	2		2
Nicholas County Feeders Supply, Carlisle, Ky.	1	1	
9-Lives Pet Food Company, Terminal Island, Calif.	1	1	
Charles Nunn & Sons Milling Company, Evansville, Indiana	36	34	2
Nutrena Mills, Minneapolis, Minnesota	8	8	
Orleans Canning Company, Chicago, Illinois	3	3	
Orleans Dog Candy Company, Chicago, Illinois	6	3	3
Owensboro Grain Company, Owensboro, Kentucky	20	17	3
Owensboro Milling Company, Owensboro, Kentucky	34	28	6
Pan American Mills, Bowling Green, Kentucky	13	12	1
Pan Pacific Fisheries, Inc., Terminal Island, California	1	1	
Pennington Milling Company, Pennington Gap, Va.	1	1	
John J. Pepin and Company, Memphis, Tennessee	1	1	

Commercial Feeds in Kentucky, 1965

22 TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1965

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
Pet Food Packers, Columbus, Ohio	2	2	
Pierce and Williams, Hopkinsville, Kentucky	2		2
The Pillsbury Company, Minneapolis, Minnesota	2	2	
Pilot Stores, Inc., Cincinnati, Ohio	1	1	
Planters Oil Mill, Tunica, Mississippi	4	4	
Poseyville Feed and Grain Company, Poseyville, Indiana	1	1	
Princeton Mills, Inc., Princeton, Kentucky	9	9	
Provico Feed and Concentrates, Botkins, Ohio	17	12	5
The Quaker Oats Company, Chicago, Illinois	35	32	3
C.B. Ragland Company, Nashville, Tennessee	1	1	
Ralston Purina Company, St. Louis, Missouri	386	352	34
Randolph Milling Company, Bandana, Kentucky	4	4	
Reelfoot Alfalfa Mill, Tiptonville, Tennessee	2	2	
Regal Feed Mills, Nashville, Tennessee	4	2	2
Rico Liquids, Inc., Aliceville, Alabama	1	1	
Ringgold Milling Company, Clarksville, Tenn.	1	1	
Riteway Milling Company, Otway, Ohio	1		1
Rival Packing Company, Chicago, Illinois	10	9	1
Robbins Brothers, Auburn, Kentucky	6	2	4
Roberts Feed & Implement Store, Hebron, Kentucky	1	1	
Allen Robertson & Company, Inc., Louisville, Ky.	20	9	11
The Robertson Corporation, Brownstown, Indiana	6	6	
Robinson Milling Company, Somerset, Kentucky	18	9	9
Rogers Feed Store, Corinth, Kentucky	10	10	
G.P. Rose & Company, Nashville, Tennessee	5	5	
Ross Feed Company, Murray, Kentucky	7	6	1
Rowdy Distributing Company, Marietta, Ohio	1	1	
Russell Springs Milling Company, Russell Springs, Kentucky	5	3	2
Ryle and Company, Chicago, Illinois	2	2	
Salyersville Wholesale Inc., Salyersville, Ky.	2	1	1
Sandusky Brothers, Harrodsburg, Kentucky	8	8	
Schenley Distillers Inc., Frankfort, Kentucky	5	5	
John Schlemmer, Harrison, Ohio	3	2	1
J.F. Schneider & Son, Middlesboro, Kentucky	1	1	
The Scott County Milling Company, Sikeston, Mo.	20	19	1
Joseph E. Seagram & Sons, Inc., New York, New York	2	2	
Security Mills, Inc., Knoxville, Tennessee	10	7	3
The Sherwin-Williams Co., Cleveland, Ohio	1	1	
Siemer Milling Company, Teutopolis, Illinois	3	3	
Sikeston Cotton Oil Mill, Inc., Sikeston, Mo.	1	1	
J. Allen Smith & Company, Inc., Knoxville, Tenn.	6	5	1
Smithfield Milling Company, Smithfield, Ky.	1	1	
Snyder Molasses Company, Chicago, Illinois	1	1	
Southern Cotton Oil Division, Decatur, Alabama	2	2	
Southern States Hardin Cooperative, Elizabethtown, Kentucky	2	2	
Southern States Elkton Branch, Elkton, Kentucky	1		1
Southern States Glasgow Coop., Glasgow, Ky.	1	1	
Southern States Hopkinsville Coop., Hopkinsville, Kentucky	4	4	
Southern States LaGrange Coop., LaGrange, Ky.	1	1	
Southern States Leitchfield Coop., Leitchfield, Kentucky	3	3	
Southern States Louisville Coop., Louisville, Ky.	2	2	
Southern States Owenton Coop., Owenton, Kentucky	1	1	
Southern States Shelbyville Coop., Shelbyville, Kentucky	1	1	
Southern States Somerset Coop., Somerset, Ky.	2	1	1
Southern States Cooperative, Richmond, Kentucky	1	1	

TABLE 1 REPORT OF OFFICIAL FEED SAMPLES ANALYZED, 1965

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
Southern States Cooperative, Richmond, Virginia	1	1	
Sowell Brothers Feed Mill, Cerulean, Kentucky	3	3	
Woodford Spears & Son, Paris, Kentucky	7	7	
Spencer Farm Service, Taylorsville, Kentucky	4	4	
Spen-Well Feed Company, Winchester, Kentucky	56	19	37
Sportsman Dog Food Company, Chicago, Illinois	1	1	
A.E. Staley Manufacturing Co., Decatur, Ill.	9	8	1
Star-Kist Food, Inc. Terminal Island, California	3	3	
Stewart's Feed Mill, Flat Lick, Kentucky	3	3	
Strongheart Packing Company, Chicago, Illinois	3	3	
Sun-Ray Feed Mills, Inc., Lexington, Kentucky	8	7	1
Sunshine Feed Mills, Red Bay, Alabama	2	2	
Sunshine Molasses Company, Somerset, Kentucky	3	1	2
Supreme Mills, Glasgow, Kentucky	56	40	16
Sturgis Milling Company, Sturgis, Kentucky	15	13	2
D.B. Sutherland & Sons, Bloomfield, Kentucky	21	14	7
Swift and Company, Chicago, Illinois	8	8	
Syracuse Dehydrated Products, Syracuse, Indiana	1		1
T & H Feed Service, Lebanon, Kentucky	2	1	1
Tabor Feed Mill, Columbia, Kentucky	4	4	
Taylor County Feed Company, Campbellsville, Ky.	3	1	2
Teater & Cassity Farm Service, Nicholasville, Ky.	1	1	
Tennessee Farmers Coop., La Vergne, Tennessee	25	22	3
Terry Lee Products, St. Paul, Minnesota	1	1	
The Thorobred Company, Inc., Waynesville, Ohio	12	10	2
Thurman's Coal & Feed Co., Murray, Kentucky	4	4	
Mr. Toymaker Enterprises, Inc., Atlanta, Ga.	1	1	
Trenton Oil Mill Company, Trenton, Tennessee	11	11	
Tri-County Farm Supply, Corbin, Kentucky	5	5	
Tri-State Molasses Company, Nashville, Tennessee	1	1	
Tri-State Molasses Company, Owensboro, Kentucky	3	3	
Usen Canning Company, Woburn, Massachusetts	4	4	
Van Camp Sea Food Company, Port of Long Beach, California	2		2
Vets Division of Perk Foods, Company, Chicago, Illinois	6	5	1
Walters & Thompson, Shelbyville, Kentucky	3	2	1
Warner's Farm Supply, Somerset, Kentucky	3		3
Weisenberger Sanitary Flour Mill, Midway, Ky.	9	8	1
West Tennessee Soya Mills, Inc., Tiptonville, Tennessee	4	4	
West Ninth Street Mills, Owensboro, Kentucky	3	3	
Western Grain Company, Birmingham, Alabama	8	6	2
Martha White Mills of West Virginia, Huntington, West Virginia	19	19	
The Whitewater Flour Mills Company, Whitewater, Kansas	3	3	
The George Wiedemann Brewing Co., South Newport, Kentucky	1	1	
Williamstown Roller Mills, Williamstown, Ky.	5	5	
Wilson and Co., Inc., Chicago, Illinois	3	3	
Winchester Canning Co., Canal Winchester, Ohio	1		1
Winn Milling Co., Greensburg, Ky.	5	3	2
Wisconsin Milling Co., Menomonie, Wisconsin	1	1	
Woolcott Mills, Inc., Lexington, Kentucky	1	1	
Woodford Feed Company, Versailles, Kentucky	1	1	
	3396	2867	529
		85%	15%

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Albany Mills, Albany, Kentucky Clinton 20% Dairy Feed	Crude Protein 20.0%	18.6%
Allied Mills, Inc., Chicago, Illinois Wayne Dairy Mixer A-81	Crude Fiber 10.0%	11.2%
	N.P.N. 12.0%	13.6%
	Crude Protein 50.0%	49.3%
Wayne 50% Dairy Concentrate	Crude Protein 40.0%	39.1%
Wayne Hog Supplement	Arsanilic Acid 0.045%	0.0555%
Wayne Pig Balancer (400) Medicated M-56	Arsanilic Acid 0.045%	0.025%
Wayne Pig Balancer (400) Medicated M-56	Arsanilic Acid 0.045%	0.0043%
Wayne Hog Balancer Medicated M-29	Arsanilic Acid 0.045%	0.0035%
Wayne Hog Balancer Medicated M-29	Crude Fiber 7.0%	7.6%
Wayne Hog Balancer M-29	Crude Fiber 17.0%	18.6%
Sugarine "60" Brand		
Anderson County Farm Service, Lawrenceburg, Kentucky Anderson County 16% Dairy Feed	Crude Protein 16.0%	14.5%
Anderson-Spilman, Danville, Kentucky Master Made Sow and Pig Feed	Crude Protein 15.5%	14.5%
Anglo Sweet Feed Mill, Inc., Owensboro, Kentucky		
Ace Perfection 40% Pig & Hog Supplement	Crude Fiber 8.0%	9.4%
Ace Perfection 40% Pig & Hog Supplement	Crude Fiber 8.0%	9.4%
Ace Perfection 40% Pig & Hog Supplement	Crude Fiber 8.0%	9.4%
Ace Perfection 35% Sow Supplement	Crude Protein 35.0%	31.4%
Ace Perfection 35% Sow Supplement	Crude Fiber 10.0%	11.6%
Ace Perfection 35% Sow Supplement	Furazolidone 0.0165%	0.0068%
Ace Perfection 35% Sow Supplement	Furazolidone 0.0165%	0.0209%
Ace Perfection 35% Sow Supplement	Crude Fiber 10.5%	11.3%
Apex Feed & Supply, Inc., Marietta, Ohio Tasty Dog Food	Crude Protein 24.0%	22.5%
Ashland Milling Company, Ashland, Kentucky		
E & E Special 24% Dairy Feed	N.P.N. 8.0%	12.5%
E & E Special 24% Dairy Feed	N.P.N. 8.0%	9.7%
E & E Special 24% Dairy Feed	N.P.N. 8.0%	11.2%
24% Mi Choice Dairy Feed	N.P.N. 8.0%	9.5%
Mi Choice 16% Dairy Feed	N.P.N. 5.0%	7.7%
Aubrey Feed Mills, Inc., Louisville, Kentucky		
Red A Commercial Layer Medicated	Furazolidone 0.022%	0.009%
Red A Poultry Wormer Medicated	Piperazine 0.30%	0.09%
Red A 50% Dairy Supplement	Crude Protein 50.0%	44.2%
Red A 32% Dairy Supplement	Calcium 2.5%	5.5%
Red A 24% Dairy Feed	Crude Protein 24.0%	21.7%
Red A 40% Hog Supplement	Crude Protein 40.0%	39.2%
Red A 40% Hog Supplement	Crude Protein 40.0%	37.4%
Red A 40% Hog Supplement	Crude Protein 40.0%	39.0%
Red A 40% Hog Supplement	Crude Protein 40.0%	37.4%
Red A 16% Swine Wormer Feed	Piperazine 0.6%	0.0%
Red A 33% Beef Cattle Supplement	Crude Fiber 6.0%	6.8%
Aubrey's Red A Feed 35% Supplement Block with A & D	Calcium 5.0%	7.6%
Red A Special Dog Food	Crude Protein 24.0%	20.2%
Red A 60% Meat Meal Tankage	Crude Protein 60.0%	58.0%
41% Solvent Extracted Cottonseed Meal	Crude Protein 41.0%	40.0%
The Auburn Mills, Inc., Auburn, Kentucky		
Leader Wheat Shorts & Screenings	Crude Protein 15.0%	14.3%
Leader Wheat Shorts & Screenings	Crude Protein 15.0%	14.0%
Leader Wheat Shorts & Screenings	Crude Protein 15.0%	13.9%
Leader Mixed Feed	Crude Protein 14.0%	13.0%
Aylor & Meyer Company, Aurora, Indiana		Contained
Rainbow Dairy 16%		Weed Seeds
Rainbow Dairy 16%		Contained
		Weed Seeds

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Bagdad Roller Mills, Inc., Bagdad, Kentucky		
Rocket Age 20% Chick Starter & Grower Medicated	Nitrofurazone 0.0056%	0.0035%
Rocket Age Lay Ration Medicated	Arsanilic Acid 0.01%	0.0078%
Rocket Age Breeder Ration Medicated	Crude Protein 17.0%	16.4%
Rocket Age 44% Dairy Concentrate	N.P.N. 20.0%	22.4%
Rocket Age 44% Dairy Concentrate	Crude Protein 44.0%	42.6%
Rocket Age 32% Dairy Concentrate	Crude Protein 32.0%	30.7%
Rocket Age 40% Hog Concentrate	Crude Fiber 6.5%	7.7%
Rocket Age 40% Hog Concentrate	Crude Protein 40.0%	39.1%
Rocket Age 16% Shoat Grower Medicated	Crude Protein 18.0%	14.7%
Rocket Age 13% Hog Finisher Medicated	Crude Fiber 5.5%	7.3%
Rocket Age 32% Beef Cattle Concentrate	Crude Protein 32.0%	28.6%
Baughman Milling Company, Stanford, Kentucky		
Big B 24% Dairy Feed	N.P.N. 7.86%	10.5%
Big B 24% Dairy Feed	N.P.N. 7.86%	12.6%
Big B 24% Dairy Feed	Crude Protein 24.0%	22.1%
Big B 24% Dairy Feed	Crude Protein 24.0%	20.0%
Big B 24% Dairy Feed	Crude Protein 24.0%	21.2%
Big B 24% Dairy Feed	Crude Protein 24.0%	21.1%
Big B 24% Dairy Feed		Contained Weed Seeds
Big B Hen Feed		Contained Weed Seeds
Soft Wheat Shorts	Crude Protein 15.0%	14.1%
Beacon Division of Textron, Inc., Kansas City, Mo.		
Professional 40% Dairy Mixer	Crude Protein 40.0%	39.2%
Professional Pig Mixer	Crude Protein 35.0%	34.2%
Professional Hog Mixer	Crude Protein 42.0%	41.0%
Dr. Pig Hog Wormer	Piperazine 0.2%	0.142%
Professional Karmels 40 Medicated	Crude Protein 40.0%	37.9%
Bi-County Farm Bureau Coop. Assn., Florence, Ky.		
Coop Special 20% Laying Mash	Crude Fiber 8.0%	9.9%
Coop Pailfiller 20% Dairy Feed	Crude Protein 20.0%	19.2%
Birmingham Milling Company, Benton, Kentucky		
Ground Wheat	Crude Protein 11.0%	10.3%
Ground Wheat		Contained Weed Seeds
Ground Corn		Contained Weed Seeds
Bremco Alfalfa Mills Company, New Bremen, Ohio		
Bremco 13% Alfalfa Meal	Crude Protein 13.0%	11.9%
Browder Milling Company, Fulton, Kentucky		
Browder's 40% Hog Supplement Medicated	Arsanilic Acid 0.05%	0.026%
Browder's 40% Hog Supplement Medicated	Arsanilic Acid 0.05%	0.037%
Bryant & Crume Milling Company, Caneyville, Ky.		
Gold Medal 16% Dairy Feed	Crude Protein 16.0%	13.2%
Gold Medal 40% Hog Concentrate Medicated	Arsanilic Acid 0.05%	0.0355%
The Buckeye Cotton Oil Division, Cincinnati, Ohio		
Buckeye 41% Cottonseed Meal	Crude Protein 41.0%	39.6%
Cadiz Milling Company, Cadiz, Kentucky		
Check-R-Mix Growing Feed (All Mash SB)	Crude Fiber 6.0%	7.1%
Sunbeam 36% Hog Supplement Medicated	Crude Protein 36.0%	34.3%
	Arsanilic Acid 0.04%	0.03%
Caneyville Roller Mills, Caneyville, Kentucky		
Kentucky Farm 20% Layer & Breeder Medicated	Arsanilic Acid 0.02%	0.0148%
Kentucky Farm 12% Hog Finisher Medicated	Arsanilic Acid 0.01%	0.0055%

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Cardinal Food Products, Inc., St. Louis, Missouri Pointer Dog Food	Crude Protein 10.0%	7.9%
	Crude Fat 2.0%	0.84%
Pointer Dog Food	Crude Protein 10.0%	8.5%
Central Soya, Inc., Ft. Wayne, Indiana		
Master Mix Pullet Grower All Mash 135-04 E Med.	Zoalene 0.0083%	0.0060%
Master Mix Blended Fifty 675	Crude Fiber 6.0%	7.0%
Master Mix Blended Fifty 675	Crude Fiber 6.0%	6.6%
Master Mix Blended Fifty 675	Crude Fiber 6.0%	6.6%
Master Mix Blended Fifty 675	Crude Protein 50.0%	49.2%
Master Mix Blended Fifty 675	Crude Protein 50.0%	48.3%
		Contained Rice Hulls
Master Mix 44% Dairy Supplement 673	Crude Protein 44.0%	42.8%
Master Mix 44% Dairy Supplement 673	Crude Protein 44.0%	43.4%
Master Mix 38% Dairy Concentrate 671	N.P.N. 13.2%	15.4%
Master Mix 38% Dairy Concentrate 671	Crude Fiber 9.0%	9.9%
Master Mix 38% Dairy Concentrate 671	Crude Protein 38.0%	37.4%
Master Mix H.Q. Master Blend Concentrate 667	Crude Protein 38.0%	36.8%
Master Mix H.Q. Master Blend Concentrate 667	Crude Fiber 5.0%	5.7%
Master Mix H.Q. Master Blend Concentrate 667	Crude Protein 38.0%	37.4%
Master Mix H.Q. Master Blend Concentrate 667	Crude Protein 38.0%	37.3%
Master Mix 40% Steer Mixer Concentrate 772N	Crude Protein 40.0%	35.2%
Master Mix Cattle Blend Concentrate 764M	Crude Protein 32.0%	29.8%
Master Mix Cattle Blend Concentrate 764M	Crude Protein 32.0%	29.4%
Master Mix Pig Grower Concentrate 859-10B Med.	Crude Fiber 5.0%	5.6%
Master Mix Pig Grower Bio Conc. 879-82C Med.	Crude Fiber 5.0%	6.0%
Master Mix Pig Grower Bio Conc. 879-82C Med.	Crude Fiber 5.0%	5.6%
Master Mix Hog Finisher Concentrate 889	Crude Fiber 6.0%	6.7%
Master Mix Sow Concentrate 853	Crude Fiber 9.0%	9.7%
Master Mix 35% Hog Concentrate 873	Crude Protein 35.0%	34.2%
Master Mix Baby Pig Creep Medicated 801-82A	Sulfamethazine 0.011%	0.00823%
Master Mix Pig-Ets 809-82A	Sulfamethazine 0.011%	0.018%
Master Mix Hound Pack	Crude Protein 22.0%	13.3%
Master Mix Hound Pack	Crude Protein 22.0%	20.9%
Master Mix Hound Pack	Crude Protein 22.0%	19.0%
Master Mix Hound Pack	Crude Protein 22.0%	13.1%
Master Mix Sweet Bulk 'N Flakes 648	Crude Fiber 20.0%	20.6%
Master Mix Sweet Bulk 'N Flakes 648	Crude Fiber 18.0%	19.2%
Master Mix Sweet Bulk 'N Flakes 648	Crude Fiber 18.0%	20.3%
Master Mix Sweet Bulk 'N Flakes 648	Crude Fiber 18.0%	21.5%
Master Mix Game Bird Breeder 429-19B	Crude Fiber 7.5%	8.7%
Master Mix Ruma-Bulk	Crude Fiber 22.0%	22.8%
Citizens Milling Company, Somerset, Kentucky Cumberland 24% Dairy Feed	N.P.N. 8.3%	11.1%
	Crude Fiber 10.0%	11.0%
Cumberland 24% Dairy Feed	Crude Protein 24.0%	20.1%
Clinton Hatchery, Clinton, Kentucky New Deal 44% Hog Supplement Medicated	3-Nitro-4 0.0125%	0.0072%
Clinton Milling Company, Clinton, Kentucky Clinco 16% Dairy Feed	Crude Fiber 10.0%	10.9%
Masco 40% Hog Supplement Medicated	Crude Protein 40.0%	38.5%
Masco 32% Cattle Balancer	Crude Protein 32.0%	30.2%
H.C. Cole Milling Company, Chester, Illinois Omega Wheat Mixed Feed	Crude Fiber 8.5%	9.8%
Community Mills, Belton, Kentucky Brigance Egg Mash	Crude Protein 20.0%	18.6%
Johnson's 16% Dairy Feed	Crude Protein 16.0%	13.8%
Johnson's 16% Dairy Feed	Crude Protein 16.0%	12.8%
Brigance Pig Feed	Crude Protein 18.0%	14.7%
Brigance Pig Feed	Crude Protein 18.0%	15.6%

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Community Milling Company, Irvington, Kentucky Our Pride 20% Dairy Feed	Crude Protein 20.0%	18.4%
Consolidated Mills, Blissfield, Michigan Consolidated 13% Suncured Alfalfa Pellets	Crude Protein 13.0%	12.1%
Cooperative Mills, Inc., Cincinnati, Ohio Turkey Starter Medicated A	Amprolium 0.0125%	0.0%
40% Poultry Supplement Medicated	Crude Protein 40.0%	38.8%
Super Laying Mash Medicated	Crude Protein 22.0%	21.4%
Big Lay Medicated	Arsanilic Acid 0.01%	0.0129%
All Mash Laying Ration Medicated	Arsanilic Acid 0.01%	0.0132%
All Mash Laying Ration Medicated	Arsanilic Acid 0.01%	0.0151%
All Mash Laying Ration Medicated	Arsanilic Acid 0.01%	0.0148%
Calf Developer		Contained Weed Seeds
Super Blend "65"	Crude Protein 65.0%	63.8%
Super Blend "65"	Crude Protein 65.0%	64.3%
Super Blend "65"	Crude Protein 65.0%	62.9%
Super Blend "65"	Crude Protein 65.0%	64.2%
Super Blend "65"	Crude Protein 65.0%	58.8%
Pro-Blend "50"	Crude Protein 50.0%	49.4%
Pro-Blend "50"	Crude Protein 50.0%	48.8%
44% Dairy Supplement	Crude Fiber 12.0%	12.7%
44% Dairy Supplement	Crude Protein 44.0%	43.2%
40% Pork Maker	Crude Fiber 6.0%	7.2%
40% Pork Maker	Crude Protein 40.0%	37.3%
Farm Bureau Porkmaker	Crude Protein 40.0%	38.0%
36% Hog Supplement Medicated	Crude Fiber 7.5%	10.1%
Pig Developer Medicated	Arsanilic Acid 0.01%	0.0132%
Pig Developer Medicated	Arsanilic Acid 0.01%	0.0131%
Pig Developer Medicated	Arsanilic Acid 0.01%	0.0136%
Pig Developer Medicated	Arsanilic Acid 0.01%	0.0142%
Pig Aid Medicated for Swine	Crude Fat 4.0%	3.3%
Performance Champion (For Horses)		Contained Weed Seed
Cattle Pels	N.P.N. 3.0%	4.8%
Stock Starter Pellets	Crude Protein 25.0%	23.6%
Co-Lass Mix	Sugar 42.0%	36.9%
Co-Lass Mix	Sugar 42.0%	38.8%
Crescent Roller Mills, Inc., Taylorsville, Kentucky Crescent 50% Dairy Supplement	Crude Protein 50.0%	48.7%
Crescent 50% Dairy Supplement	Crude Protein 50.0%	48.4%
Crestwood Farmers Supply Center, Crestwood, Kentucky Crestwood Milk Maker 16%	Crude Protein 16.0%	9.2%
Culton Seed Cleaners, Winchester, Kentucky Culton's Best Mixed to Order	Crude Protein 16.0%	12.3%
Dearborn Mills, Inc., Aurora, Indiana Dearborn Dog Food	Crude Protein 26.0%	25.4%
Dearborn Dog Food	Crude Protein 26.0%	24.1%
Decatur Cotton Oil Company, Decatur, Alabama 41% Cottonseed Meal	Crude Protein 41.0%	37.8%
41% Cottonseed Meal	Crude Fiber 14.0%	15.3%
Dixie Mills Company, East St. Louis, Illinois Dixie 40% Hog Finisher Concentrate	Crude Protein 40.0%	39.2%
Duncan-McFarland Farm Service, Lawrenceburg, Ky. 16% Dairy Feed	Crude Protein 16.0%	15.4%
The Early and Daniel Company, Cincinnati, Ohio Tuxedo Turkey Starter #2 Medicated	Crude Protein 28.0%	25.2%
	3-Nitro-4 0.0025%	0.0054%

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Tuxedo Starter #2 Medicated	3-Nitro-4 0.0025%	0.0049%
Tuxedo Starter #2 Medicated	3-Nitro-4 0.0025%	0.0075%
Tuxedo 37% Turkey Grower & Finisher Supplement	Crude Protein 37.0%	36.0%
Tuxedo 37% Turkey Breeder Supplement	Crude Protein 37.0%	35.1%
Tuxedo Starter & Grower Medicated	Nitrofurazone 0.0056%	0.0039%
Tuxedo Egg Mash 20% Medicated	Arsanilic Acid 0.02%	0.0129%
Tuxedo Special Complete Egg Ration Medicated	Arsanilic Acid 0.01%	0.0058%
Tuxedo Commercial Layer 115 Medicated	Arsanilic Acid 0.01%	0.0151%
	Crude Protein 15.0%	14.0%
	Furazolidone 0.011%	0.0144%
Tuxedo Medicated Pickup Bitty Bits	Piperazine Sulfate 0.055%	0.041%
Tuxedo Poultry Wormer	Crude Fiber 8.5%	9.4%
Tuxedo 44% Dairy Supplement	Crude Fiber 8.5%	10.9%
Tuxedo 44% Dairy Supplement	N.P.N. 22.0%	25.2%
	Crude Fiber 8.5%	9.5%
Tuxedo 44% Dairy Supplement	N.P.N. 22.0%	24.7%
Tuxedo 44% Dairy Supplement	Crude Fiber 8.5%	10.0%
Tuxedo 44% Dairy Supplement	Crude Fiber 8.5%	9.1%
Tuxedo 33% Dairy Supplement	Crude Fiber 8.5%	9.9%
Tuxedo 33% Dairy Supplement	N.P.N. 4.0%	8.1%
Tuxedo Moremilk 16% Dairy	N.P.N. 10.6%	12.8%
Tuxedo 32% Big A Steer Supplement	Crude Fiber 9.0%	9.8%
	N.P.N. 10.6%	13.1%
Tuxedo 32% Big A Steer Supplement	N.P.N. 6.55%	8.5%
Tuxedo 20% Range Cubes	Crude Protein 15.0%	14.4%
Tuxedo Pig Grower Medicated	Arsanilic Acid 0.01%	0.0055%
Tuxedo Pig Grower Medicated	Arsanilic Acid 0.01%	0.0063%
Tuxedo Pig Grower Medicated	Crude Protein 15.0%	14.3%
	Crude Protein 25.0%	22.9%
Pack Master Dog Food		
John W. Eshelman & Sons, Lancaster, Pennsylvania Lancaster 16% Dairy Feed - Kentucky 542A	Crude Fiber 13.5%	14.2%
Ewing Mill Company, Brownstown, Indiana Robertson Laying Ration	Crude Protein 17.0%	16.3%
Robertson Sweet Flo 16% Dairy Feed	Crude Protein 16.0%	15.3%
Famous Feed Mills, Nashville, Tennessee Famous 44% Dairy Supplement	N.P.N. 20.96%	24.6%
Famous 44% Dairy Supplement	Calcium 2.0%	5.1%
Uncle Dan 16% Dairy Feed		Contained Rice Hulls
Golden Gain 40% Hog Supplement	Crude Protein 40.0%	38.2%
	Calcium 3.0%	5.2%
Famous 40% Hog Supplement	Crude Protein 40.0%	35.6%
	Crude Fiber 7.0%	8.5%
Farm Bureau Milling Company, Hammond, Indiana Poultry Supplement 34%	Crude Fat 4.0%	2.5%
Dairy Supplement 48%	Crude Protein 48.0%	47.3%
	Crude Fiber 6.0%	7.3%
Dairy Supplement 48%	Crude Fiber 6.0%	7.3%
Pailfiller Lassy 16%	Crude Protein 16.0%	15.4%
Porkmaker	Crude Protein 40.0%	38.7%
Porkmaker	Crude Protein 40.0%	38.6%
Farmer Elevator's Inc., Owensboro, Kentucky Feeders Friend 40% Hog Concentrate Medicated	Crude Protein 40.0%	39.0%
Feeders Friend 40% Layer Concentrate	Crude Protein 40.0%	35.9%
Farmers Merchants Milling Company, Brooksville, Ky. Wheat Mixed Feed & Screenings	Crude Protein 15.5%	14.6%
	Crude Fat 4.5%	3.1%
Farmers Milling Company, Somerset, Kentucky Farmers 16% Mixed Feed	Crude Protein 16.0%	14.6%
Farmers 16% Mixed Feed	Crude Protein 16.0%	13.6%

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Farm Services, Inc., Glasgow, Kentucky Master Made Pig Grower Medicated	Crude Protein 16.0%	13.1%
J.H. Fedders, Inc., Covington, Kentucky Fedco 16% Dairy Feed	N.P.N. 5.24%	7.0%
Feeders Supply Company, Louisville, Kentucky Feeders Rabbit Checkers Medicated	Furazolidone 0.0055%	0.0039%
Henry Fruechtenicht Company, Inc., Louisville, Ky. Producer 44% Dairy Concentrate Producer 44% Dairy Concentrate Producer 33% Dairy Concentrate Producer 33% Dairy Concentrate Producer 24% Special Dairy Feed Producer 16% Special Dairy Feed	N.P.N. 21.0% N.P.N. 21.0% N.P.N. 10.5% Crude Fiber 8.0% N.P.N. 7.86%	23.8% 23.6% 12.4% 8.7% 9.8%
Producer 16% Special Dairy Feed		Contained Corn Cobs
Producer 16% Special Dairy Feed		Contained Rice Hulls
Producer 16% Special Dairy Feed		Contained Rice Hulls
Producer 16% Special Dairy Feed		Contained Rice Hulls
Producer Swine Breeder Producer Pig Grower Medicated Producer Pig Grower Medicated Producer 18% Pig & Sow Feed Producer Beef Creepettes	Calcium 6.0% Arsanilic Acid 0.01% Arsanilic Acid 0.01% Crude Fiber 6.0%	4.4% 0.0146% 0.0% 8.0%
Producer Rabbit Ration Producer Dog Food	Crude Fiber 15.0% Crude Protein 25.0%	Contained Corn Cobs 16.0% 22.0%
Fuhrer-Ford Mill Company, Inc., Mt. Vernon, Indiana Wheat Middlings & Screenings Pure Wheat Bran	Crude Protein 16.0%	14.3% Contained Mixed Screenings
Garden Street Mill & Elevator, Louisville, Kentucky Garden 16% Dairy Feed	Crude Fiber 15.0%	15.7%
Garrard Mills, Lancaster, Kentucky Garrard 24% Dairy Feed Garrard 24% Dairy Feed Garrard 24% Dairy Feed Garrard 24% Dairy Feed Garrard 24% Dairy Feed Garrard 24% Dairy Feed Garrard 24% Dairy Feed Garrard 24% Dairy Feed Garrard 24% Dairy Feed Garrard 24% Dairy Feed Garrard 24% Dairy Feed Garrard 16% Dairy Feed Glen Lily Farm Feed Glen Lily Farm Feed Glen Lily Farm Feed Glen Lily Farm Feed	Crude Protein 24.0% N.P.N. 7.8% Crude Protein 24.0% N.P.N. 7.8% Crude Protein 24.0% Crude Protein 24.0% N.P.N. 7.8% Crude Protein 24.0% N.P.N. 7.8% N.P.N. 7.8% N.P.N. 7.8% N.P.N. 5.24% Crude Fiber 6.0% Crude Fiber 6.0% Crude Protein 12.5% Crude Protein 12.5%	22.1% 10.0% 22.8% 9.9% 20.4% 22.1% 10.1% 22.2% 10.3% 9.8% 7.1% 7.1% 6.8% 11.5% 11.2%
The G.I. Gates Milling Company, Columbus, Ohio Economy Special 16% Dairy Feed		Contained Weed Seeds
General Foods Corporation, White Plains, New York Gaines Meal Dog Food	Crude Fat 7.0%	5.8%
General Foods Corporation, Kankakee, Illinois Burt's Hominy Feed Burt's Hominy Feed	Crude Fat 5.0% Crude Fat 5.0%	4.0% 4.2%

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
The General Packing Company, Waynesville, Ohio		
Viking Dog Food	Crude Protein 10.0%	8.0%
Your Pal Dog Food	Crude Protein 10.0%	7.4%
Your Pal Dog Food	Crude Protein 10.0%	8.3%
Germantown Milling Company, Germantown, Kentucky		Contained
Mixed Feed		Weed Seeds
Gilster Milling Company, Chester, Illinois		
Gilster's Wheat Bran	Crude Fiber 11.0%	12.3%
Gilster's Wheat Bran	Crude Fiber 11.0%	11.9%
Goldenrod Oil Meal Sales Company, Memphis, Tennessee		
Ground Soybeans with Screenings	Crude Protein 32.0%	30.6%
	Crude Fiber 8.0%	10.4%
	Crude Protein 32.0%	31.0%
Ground Soybeans with Screenings	Crude Fiber 8.0%	9.5%
	Crude Protein 32.0%	30.9%
Ground Soybeans with Screenings	Crude Fiber 8.0%	11.3%
	The Feed Was Not Registered In Kentucky	
Green County Milling Company, Greensburg, Kentucky		
Greenco 20% Laying Mash	Crude Protein 20.0%	19.0%
Hales & Hunter Company, Chicago, Illinois		
Pioneer 32% Milker Mixer	Crude Protein 32.0%	31.2%
Lucky Dog Food	Crude Protein 25.0%	23.5%
Pioneer Rabbit Pellets	Furazolidone 0.0055%	0.0037%
Hardin Feed Mill, Hardin, Kentucky		
Crushed Ear Corn & Shuck	Crude Protein 7.0%	6.4%
Harpeth Mills, Nashville, Tennessee		Contained
Peerless 16% Dairy Feed		Rice Hulls
		39.3%
Peerless 40% Hog Supplement	Crude Protein 40.0%	
Harvest Brand, Inc., Pittsburgh, Kansas		
Sweet Treat	Sugar 42.0%	36.6%
Stock-O-Lass	Sugar 43.0%	39.4%
Dog-Ade Chunk Style Dog Food	Crude Protein 25.0%	24.3%
Haydon Mill & Grain Company, Springfield, Kentucky		
Custom Mix Dairy Feed	Crude Protein 16.0%	14.5%
Custom Mix Dairy Feed	Crude Protein 16.0%	14.3%
Custom Mix Dairy Feed	Crude Protein 16.0%	14.5%
Dr. Heinz Company, Inc., Bloomingburg, Ohio		
Heinz Nu-Way 45% Dairy Mixer	Crude Protein 45.0%	43.1%
Heinz Nu-Way Pig Jet Starter Medicated	Crude Fiber 4.0%	5.1%
Home Milling Company, Greenville, Kentucky		
Happy Home 16% Dairy Feed	Crude Protein 16.0%	15.2%
Happy Home 16% Dairy Feed	Crude Protein 16.0%	14.9%
Happy Home 16% Dairy Feed	Crude Protein 16.0%	13.1%
Happy Home 16% Dairy Feed		Contained
Happy Home 16% Dairy Feed		Weed Seeds
Happy Home 16% Dairy Feed		Contained
Happy Home 16% Dairy Feed		Weed Seeds
Happy Home 16% Dairy Feed		Contained
Happy Home 16% Dairy Feed		Weed Seeds
Happy Home 16% Dairy Feed		Contained
Happy Home 16% Dairy Feed		Cottonseed
Happy Home 16% Dairy Feed		Hulls
Happy Home 16% Dairy Feed		Contained
Happy Home 16% Dairy Feed		Cottonseed
Happy Home 16% Dairy Feed		Hulls

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Farm Wa Dairy Feed	Crude Fat 4.0%	3.1%
Farm Wa Dairy Feed	Crude Fat 4.0%	3.1%
Kane Molasses Laboratories, Inc., Mt. Pulaski, Ill.		
Kanelass	Sugar 42%	40.0%
Kane Dri	Crude Fiber 15.0%	16.8%
Kane Vi-Min-Lass Block	Crude Protein 4.0%	2.2%
Kentucky By-Products Corporation, Louisville, Ky.		
K 24% Brewers Dried Grains	Crude Protein 24.0%	22.3%
26% Brewers Dried Grains	Crude Protein 26.0%	24.4%
Dri-Molass 85% Cane Molasses	Sugar 42.0%	38.6%
Dri-Molass 85% Cane Molasses	Sugar 42.0%	39.3%
Dri-Molass	Sugar 42.0%	37.4%
Dri-Molass	Sugar 42.0%	39.3%
Knifley Feed and Supply, Elkhorn, Kentucky		
Elk Hominy Feed	Crude Fiber 6.0%	8.7%
Lake County Oil Mill, Tiptonville, Tennessee		
41% Cottonseed Meal	Crude Fiber 14.0%	16.3%
41% Cottonseed Meal	Crude Fiber 14.0%	16.3%
	Crude Protein 41.0%	38.3%
41% Cottonseed Meal	Crude Fiber 14.0%	14.6%
Lauhoff Grain Company, Danville, Illinois		
44% Soybean Meal	Crude Fiber 7.0%	7.7%
Lexington Roller Mills, Inc., Lexington, Kentucky		
Sweet Sue 24% Sweet Dairy Feed	Crude Protein 24.0%	17.5%
Thoroughbred Wheat Shorts & Screenings	Crude Fiber 7.0%	8.6%
Lewisburg Roller Mills, Lewisburg, Kentucky		Contained
Economy 16% Dairy Feed		Rice Hulls
Paymaster 40% Hog Supplement	Crude Protein 40.0%	38.7%
Louisa Supply Company, Louisa, Kentucky		
Louisa Hominy Feed	Crude Fat 7.0%	4.7%
Mayfield Milling Company, Mayfield, Kentucky		
Gro-Fast 35% Pig & Sow Concentrate Medicated	Arsanilic Acid 0.05%	0.035%
Gro-Fast Pig Starter Medicated	Crude Fat 4.0%	3.4%
	Crude Fiber 2.0%	3.1%
Gro-Fast Pig Starter Medicated	Crude Fiber 2.0%	2.9%
Gro-Fast Hog Wormer	Piperazine 0.25%	0.19%
Mayfield Sweet Feed Mill, Mayfield, Kentucky		
State Leader 40% Hog Supplement	Crude Protein 40.0%	37.8%
	Calcium 3.0%	7.0%
State Leader 40% Hog Supplement	Calcium 3.0%	6.1%
State Leader Dog Food	Crude Protein 24.0%	23.1%
Meadow's Feed & Building Supply, Clay City, Kentucky		
Meadow's Check-R-Mix 16% Dairy Feed S	Crude Protein 16.0%	15.4%
Meadow's Check-R-Mix Hog Fattener	Crude Protein 14.0%	13.3%
Metzger Brothers, Paducah, Kentucky		
Tankage with Bone	Crude Protein 43.0%	39.6%
	Crude Fat 10.0%	19.2%
Tankage with Bone	Crude Protein 43.0%	41.6%
Middlesboro Milling Company, Middlesboro, Kentucky		
Reliable 24% Dairy Feed	Crude Protein 24.0%	21.3%
Midget Mills, Somerset, Kentucky		
White Rose 24% Dairy Feed	Crude Protein 24.0%	19.6%
White Rose 24% Dairy Feed	Crude Protein 24.0%	22.2%

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Mid-South Feeds, Inc., Nashville, Tennessee		
Mid-South 44% Dairy Concentrate	Crude Protein 44.0%	41.5%
Mid-South 44% Dairy Concentrate	Crude Protein 44.0%	42.0%
Mid-South 32% Dairy Concentrate	Crude Protein 32.0%	30.6%
Mid-South 32% Dairy Concentrate	Salt 2.5%	4.26%
Mid-South Hog Concentrate 38%	Crude Protein 38.0%	36.6%
Mid-South Hog Concentrate 38%	Crude Protein 38.0%	37.0%
Mid-South Hog Concentrate 38%	Crude Protein 38.0%	30.4%
Mohawk Roller Mills, Mohawk, Tennessee		Contained
Mohawk Scratch Feed		Weed Seeds
Monarch Milling Company, Mt. Sterling, Kentucky		
Monarch 16% Dairy	Crude Protein 16.0%	15.3%
Moorman Manufacturing Company, Quincy, Illinois		
Moormans Premix-Trate 80 for Dairy Cows	Crude Protein 80.0%	77.8%
Moormans Mintrate 45 for Hogs	Crude Protein 45.0%	44.3%
Nashville Cotton Oil Mill Corporation, Nashville, Tenn.		
41% Cottonseed Meal	Crude Protein 41.0%	39.4%
National Oats Company, East St. Louis, Illinois		
Corno Hog Balancer	Crude Protein 35.0%	34.3%
The New Era Milling Company, Arkansas City, Kansas		
Polar Bear Wheat Shorts with Screenings	Crude Fiber 6.0%	8.8%
Polar Bear Wheat Shorts with Screenings	Crude Fiber 6.0%	6.6%
Charles Nunn & Sons Milling Company, Evansville, Ind.		
Nunn-Better 40% Hog Supplement	Crude Fiber 6.5%	7.4%
Nunn-Better 35% Pig & Sow Supplement	Crude Protein 35.0%	34.3%
Orleans Dog Candy Company, Chicago, Illinois		
Lolli-Pups A Tasty Snack For Dogs	Crude Protein 25.0%	24.1%
Lolli-Pups A Tasty Snack For Dogs	Crude Protein 25.0%	23.3%
Lolli-Pups A Tasty Snack For Dogs	Crude Protein 25.0%	24.0%
Owensboro Grain Company, Owensboro, Kentucky		
Ograco 44% Soybean Meal	Crude Fiber 7.0%	8.4%
Ograco 44% Soybean Meal	Crude Fiber 7.0%	8.0%
Ograco 44% Soybean Meal	Crude Fiber 7.0%	8.2%
Owensboro Milling Company, Owensboro, Kentucky		
Tru-Test 42% Pig Grower Concentrate	Crude Protein 42.0%	40.5%
Tru-Test 42% Pig Grower Concentrate	Crude Fiber 5.0%	6.0%
Tru-Test 36% Pig & Sow Concentrate Medicated	Nitrofurazone 0.01%	0.017%
Tru-Test 0.0015% Diethylstilbestrol Mix In corporation with 44% Steer Supplement	Crude Protein 44.0%	42.8%
	Crude Fiber 8.0%	10.6%
Tru-Test 0.0015% Diethylstilbestrol Mix In Corporation with 44% Steer Supplement	Crude Protein 44.0%	38.7%
Tru-Test Hominy Feed	Crude Fiber 5.0%	8.8%
Pan American Mills, Bowling Green, Kentucky		
Green Valley 35% Hog Concentrate Medicated	Crude Protein 35.0%	33.8%
Pierce & Williams, Hopkinsville, Kentucky		
Pierce & Williams Check-R-Mix Hog Grower (S.A) 3 N Medicated	3-Nitro-4 0.0055%	0.0083%
Pierce & Williams Check-R-Mix Hog Grower (S.A) 3 N Medicated	3-Nitro-4 0.0055%	0.0035%
Proviso Feeds & Concentrates, Botkins, Ohio		
Proviso Turkey Starter Medicated	Amprolium 0.0125%	0.0%

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Proviso Cage Layer Medicated	Furazolidone 0.00275%	0.00162%
Proviso Cage Layer Medicated	Furazolidone 0.00275%	0.0021%
Proviso Dairy Supplement	Crude Fiber 8.0%	9.9%
Proviso Vita-Factor	Crude Fiber 5.0%	5.9%
The Quaker Oats Company, Chicago, Illinois		
Ful-O-Pep Cattleizer Dairy Concentrate Medicated	Crude Protein 32.0%	30.4%
Ful-O-Pep Cattleizer Dairy Concentrate Medicated	Crude Protein 32.0%	31.4%
Ful-O-Pep Gro-Pig Supplement (K3P2) Medicated	Arsanilic Acid 0.04%	0.56%
Ralston Purina Company, St. Louis, Missouri		
Purina Cow Chow Concentrate 50%	Crude Protein 50.0%	49.0%
Purina Cow Chow Concentrate (D) 50%	Crude Protein 50.0%	44.4%
Purina Dairy Concentrate 44%	Crude Protein 44%	43.3%
Purina Dairy Concentrate 44%	Crude Protein 44%	42.6%
Purina Dairy Concentrate 44%	Crude Protein 44%	42.5%
Purina Dairy Concentrate 44%	Crude Protein 44%	41.1%
Purina Dairy Concentrate 44%	Crude Protein 44%	40.5%
Purina Dairy Concentrate 32%	Crude Protein 32.0%	30.8%
Purina Dairy Concentrate 32%	Crude Protein 32.0%	31.2%
Purina Pork Chow Checkers	Crude Protein 35.0%	33.6%
Purina Pork Chow Checkers	Crude Protein 35.0%	33.7%
Purina Pork Chow Checkers	Crude Protein 35.0%	34.4%
Purina Hog Chow 3N Medicated	3-Nitro-4 0.025%	0.0179%
Purina Hog Chow 3N Medicated	3-Nitro-4 0.025%	0.0168%
Purina Hog Chow 3N Medicated	3-Nitro-4 0.025%	0.0078%
Purina Hog Chow 3N Medicated	3-Nitro-4 0.025%	0.0195%
Checkerboard Hog Supplement FC	Crude Protein 35.0%	34.1%
Purina Hog Finisher X Medicated	3-Nitro-4 0.006%	0.0023%
Purina Pig Growena Medicated	3-Nitro-4 0.006%	0.0046%
Purina Sow Chow Checkers	Crude Fiber 9.0%	10.2%
Purina Pig Growena L Medicated	3-Nitro-4 0.005%	0.0%
Purina Special Steer Fatena C6	Crude Protein 65.0%	62.2%
Purina Steer Chow (T) 32%	Crude Protein 32.0%	31.0%
Purina Special Steer Fatena Medicated	Crude Protein 32.0%	31.0%
Purina Special Steer Fatena H3	Crude Protein 32.0%	30.6%
Purina Special Steer Fatena H3	Crude Protein 32.0%	29.8%
Purina Special Steer Fatena H3	Crude Fiber 12.0%	12.8%
Purina Special Steer Fatena H3	Crude Fiber 12.0%	12.7%
Purina Special Steer Fatena H3	Crude Protein 32.0%	31.4%
Purina Steer Fatena (BIR)	Crude Protein 20.0%	18.6%
Purina Steer Fatena (BIR)	Crude Protein 20.0%	18.9%
Purina Steer Fatena (BIR)	Crude Protein 20.0%	19.1%
Purina Steer Fatena (BIR)	Crude Fiber 25.0%	28.5%
Purina Show Chow Checkers	Crude Protein 32.0%	28.1%
Regal Feed Mills, Nashville, Tennessee		Contained
Special Regal 16% Dairy Feed		Rice Hulls
Special Regal 16% Dairy Feed	N.P.N. 5.33%	7.0%
Riteway Milling Company, Otway, Ohio		
Riteway Pig & Sow Meal	Crude Protein 16.0%	15.1%
Rival Packing Company, Chicago, Illinois		
Rival Medium Rare Chunks with Gravy for Dogs	Crude Protein 11.0%	9.1%
Robbins Brothers, Auburn, Kentucky		
Hominy Feed	Crude Protein 10.0%	9.1%
	Crude Fat 7.0%	4.1%
Hominy Feed	Crude Protein 10.0%	8.9%
	Crude Fat 7.0%	5.5%
Hominy Feed	Crude Protein 10.0%	9.3%
	Crude Fat 7.0%	5.4%
Hominy Feed	Crude Fat 7.0%	5.8%

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Allen Robertson & Company, Louisville, Kentucky		
Farm-R-Choice 38% Grower-Layer C Concentrate	Calcium 3.25%	5.2%
Farm-R-Choice 52% Top Dresser Concentrate	N.P.N. 26.0%	33.2%
Farm-R-Choice 52% Top Dresser Concentrate	N.P.N. 26.0%	32.1%
Farm-R-Choice 52% Top Dresser Concentrate	N.P.N. 26.0%	31.4%
Farm-R-Choice 52% Top Dresser Concentrate	Crude Fiber 6.5%	8.5%
Farm-R-Choice 52% Top Dresser Concentrate	Crude Protein 52.0%	50.9%
Farm-R-Choice 52% Top Dresser Concentrate	N.P.N. 26.0%	34.7%
Farm-R-Choice 40% Hog Concentrate Medicated	Arsanilic Acid 0.02%	0.0159%
Farm-R-Choice 40% Hog Concentrate Medicated	Crude Fiber 5.0%	6.5%
Farm-R-Choice 40% Hog Concentrate Medicated	Calcium 5.0%	6.8%
Farm-R-Choice 17% Calf Grower	Crude Fiber 8.0%	8.8%
Farm-R-Choice 17% Calf Grower	Crude Protein 17.0%	16.0%
Farm-R-Choice 17% Calf Grower	Crude Fiber 8.0%	8.7%
Robinson Milling Company, Somerset, Kentucky		
Jersey 16% Mixed Feed	Crude Protein 16.0%	15.4%
Jersey 16% Mixed Feed	Crude Protein 16.0%	14.8%
Jersey 16% Mixed Feed	Crude Protein 16.0%	15.4%
Jersey 16% Mixed Feed	Crude Protein 16.0%	15.0%
Jersey 16% Mixed Feed	Crude Protein 16.0%	13.7%
Jersey 16% Mixed Feed	N.P.N. 4.0%	6.5%
Green Valley 24% Dairy	Crude Protein 24.0%	23.0%
Green Valley 24% Dairy	Crude Protein 24.0%	22.8%
Booster Hog Feed	Crude Fiber 8.0%	9.0%
Ross Feed Company, Murray, Kentucky		
Standard 40% Hog Supplement	Crude Protein 40.0%	38.8%
Russell Springs Milling Company, Russell Springs, Ky.		
Midget Maid Mixed Feed	Crude Protein 14.5%	13.7%
Midget Maid Mixed Feed	Crude Protein 14.5%	13.5%
Salyersville Wholesale Inc., Salyersville, Ky.		
Quick Lay Mash	Crude Protein 20.0%	18.0%
John Schelemmer, Harrison, Ohio		
Zippy Stride Dog Food	Crude Protein 27.0%	26.0%
The Scott County Milling Company, Sikeston, Mo.		
Gristo No Two AU Fish Food	Crude Protein 43.0%	39.5%
Gristo No Two AU Fish Food	Crude Fiber 6.5%	7.6%
Security Mills, Inc., Knoxville, Tennessee		
Security 16% Dairy Feed	Crude Fiber 7.5%	8.6%
Big S Dog Food	Crude Protein 25.0%	23.2%
Big S Dog Food	Crude Protein 25.0%	24.4%
J. Allen Smith Company, Inc., Knoxville, Tennessee		
Blue Belle Stock Feed	Crude Fiber 8.5%	9.2%
Southern States Elkton Branch, Elkton, Kentucky		
Ground Ear Corn	Crude Fiber 8.0%	8.7%
Southern States Somerset Cooperative, Somerset, Ky.		
Profit Maker 16% Hog Feed	Crude Protein 16.0%	15.3%
Spen-Well Feed Company, Winchester, Kentucky		
Newco Starter & Grower Mash	Crude Protein 17.0%	12.7%
Newco Layer Ration	Crude Protein 16.0%	13.4%
Newco Layer Ration	Crude Protein 16.0%	13.6%
Newco Layer Ration	Crude Protein 16.0%	14.6%
Newco Layer Ration	Crude Fiber 6.0%	6.8%
Newco Layer Ration	Crude Fiber 6.0%	10.1%
Newco Layer Ration	Crude Protein 16.0%	12.7%
Newco Feeds 24% Dairy	Crude Fiber 10.0%	14.5%
Newco Feeds 24% Dairy	Crude Fiber 10.0%	12.2%
Newco Feeds 24% Dairy	Crude Fiber 10.0%	12.3%
Newco Feeds 24% Dairy	Crude Fiber 10.0%	14.0%

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Newco Feeds 24% Dairy	Crude Fiber 10.0%	13.2%
Newco Feeds 24% Dairy	Crude Fiber 10.0%	13.5%
Newco Feeds 24% Dairy	Crude Fiber 10.0%	13.0%
Newco Feeds 24% Dairy	Crude Protein 24.0%	21.9%
	Crude Fiber 10.0%	19.8%
Newco Feeds 24% Dairy	Crude Protein 24.0%	19.1%
	Crude Fiber 10.0%	15.1%
Newco Feeds 24% Dairy	N.P.N. 8.0%	11.2%
	Crude Fiber 10.0%	12.2%
Newco Feeds 24% Dairy	N.P.N. 8.0%	10.2%
	Crude Fiber 10.0%	14.7%
Newco Feeds 16% Dairy Feed	Crude Protein 16.0%	13.9%
Newco Feeds 16% Dairy Feed	Crude Fiber 15.0%	20.3%
Newco Feeds 16% Dairy Feed	Crude Fiber 15.0%	18.7%
Newco Feeds 16% Dairy Feed	N.P.N. 5.3%	7.6%
Newco Feeds 16% Dairy Feed	N.P.N. 5.3%	8.2%
Newco Feeds 16% Dairy Feed	N.P.N. 5.3%	8.6%
Newco Feeds 16% Dairy Feed	N.P.N. 5.3%	9.7%
Newco Feeds 16% Dairy Feed	Crude Fiber 15.0%	17.1%
Newco 40% Hog Supplement	Crude Protein 40.0%	35.4%
Newco 18% Pig & Sow Feed	Crude Protein 18.0%	15.8%
	Crude Fiber 6.0%	7.5%
Newco 18% Pig & Sow Feed	Crude Fiber 6.0%	7.3%
Newco 18% Pig & Sow Feed	Crude Fiber 6.0%	8.1%
Newco Pig Grower	Crude Protein 14.0%	12.1%
Horse & Mule Feed		Contained Weed Seeds
Horse & Mule Feed	Crude Fat 4.0%	3.3%
		Contained Weed Seeds
Spen-Well 20% Cattle Cubes A	N.P.N. 6.5%	10.3%
Newco Feeds Stock Feed	Crude Protein 14.0%	13.0%
Newco Wheat Shorts	Crude Protein 14.0%	11.1%
	Crude Fiber 10.0%	13.6%
		Contained Screenings
Newco Wheat Shorts	Crude Protein 14.0%	11.9%
	Crude Fiber 10.0%	11.7%
		Not Wheat Shorts
Newco Cracked Corn		Contained Weed Seeds
A.E. Staley Manufacturing Company, Decatur, Alabama Sweetone Cane Molasses Dried Soybean Mill Feed	Sugar 42.0%	40.4%
Sun-Ray Feed Mills, Inc., Lexington, Kentucky Sun-Ray 40% Hog Supplement	Crude Protein 40.0%	39.2%
Sunshine Molasses Company, Somerset, Kentucky High Protein Feeding Molasses	Sugar 48.0%	45.3%
High Protein Feeding Molasses	Sugar 48.0%	45.4%
Supreme Mills, Glasgow, Kentucky Supreme 50% Dairy Supplement	Calcium 2.5%	4.3%
Supreme 50% Dairy Supplement	Crude Protein 50.0%	48.9%
Supreme 50% Dairy Supplement	Crude Protein 50.0%	46.6%
Supreme 50% Dairy Supplement	Crude Protein 50.0%	48.6%
Supreme 50% Dairy Supplement	Crude Protein 50.0%	46.8%
Supreme 45% Dairy Supplement	N.P.N. 20.96%	27.9%
Supreme 45% Dairy Supplement	Crude Protein 45.0%	44.2%
Supreme 45% Dairy Supplement	Crude Protein 45.0%	44.4%
Supreme 45% Dairy Supplement	Crude Protein 45.0%	42.3%
Supreme 45% Dairy Supplement	Crude Protein 45.0%	43.6%
Supreme 45% Dairy Supplement	Crude Protein 45.0%	42.8%
Supreme 33% Dairy Supplement	Crude Fiber 5.0%	9.3%
Feeders Pride 16% Dairy Feed	Crude Protein 16.0%	14.9%
Supreme 33% Beef Supplement	Crude Protein 33.0%	30.1%

TABLE 2 SAMPLES CLASSIFIED AS "NOT PASSED"

MANUFACTURER, ADDRESS AND BRAND	GUARANTEED	FOUND
Supreme 33% Beef Supplement Drummer Boy 40% Hog Supplement	Crude Protein 33.0% Crude Protein 40.0%	25.4% 39.1%
Sturgis Milling Company, Sturgis, Kentucky Hoppy's 42% Pig Concentrate Medicated Hoppy's 35% Pig & Sow Medicated	Crude Protein 42.0% Arsanilic Acid 0.04%	41.2% 0.027%
D.B. Sutherland & Sons, Bloomfield, Kentucky Kentucky Star Special 24% Dairy Feed Kentucky Star Special 24% Dairy Feed Kentucky Star Special 24% Dairy Feed Kentucky Star Special Farm Feed Kentucky Star Special Farm Feed	Crude Protein 24.0% Crude Protein 24.0% N.P.N. 5.24% Crude Protein 14.0%	22.0% 22.7% 10.1% 13.1% Contained Weed Seeds
N.R.G. 26% Dog Food Kentucky Kernel Hominy Feed	Crude Protein 26.0% Crude Fat 7.0%	24.7% 4.8%
Syracuse Dehydrated Products, Syracuse, Indiana Dri-Las	Sugar 42.0%	39.5%
T & H Feed Service, Lebanon, Kentucky Marco 16% Dairy Feed	N.P.N. 1.7%	3.8%
Taylor County Feed Company, Campbellsville, Kentucky Economy Pig and Sow Feed Medicated Economy 20% Egg Mash Medicated	Crude Protein 17.0% 3-Nitro-4 0.0025% Arsanilic Acid 0.007%	15.2% 0.0% 0.002%
Tennessee Farmers Cooperative, La Vergne, Tennessee Co-Op 32% Dairy Concentrate Co-Op 14% Calf Grower Co-Op 36% Pig & Sow Concentrate Medicated	Crude Fiber 7.0% Crude Protein 14.0% Crude Protein 36.0%	8.0% 13.1% 35.1%
The Thorobred Company, Inc., Waynesville, Ohio Thorobred Gourmet Pack Chicken Parts Dog Food Thorobred Dog Food Chicken Parts	Crude Protein 11.5% Crude Protein 11.5%	10.9% 10.1%
Van Camp Sea Food Company, Port of Long Beach, Calif. Captain Kitt Tuna For Cats Purina Tuna for Cats	Crude Protein 22.5% Crude Protein 22.5%	21.8% 20.3%
Vets Division of Perk Foods, Company, Chicago, Ill. Vets Beef By-Products & Beef Chunks	Crude Protein 13.5% Crude Fat 5.0%	9.8% 12.5%
Walters & Thompson, Shelbyville, Kentucky Hominy Feed	Crude Fat 5.0%	3.1%
Warner's Farm Supply, Somerset, Kentucky Check-R-Mix 16% Dairy Feed MS Check-R-Mix 16% Dairy Feed MS Check-R-Mix 16% Dairy Feed MS	Crude Protein 16.0% Crude Protein 16.0% Crude Protein 16.0%	14.1% 14.5% 13.5%
Weisenberger Sanitary Flour Mills, Midway, Kentucky Repeater Farm Feed	Crude Protein 13.0%	12.0%
Western Grain Company, Birmingham, Alabama Jim Dandy Chunx Jim Dandy Chunx	Crude Fat 8.0% Crude Fat 8.0%	7.2% 5.0%
Winchester Canning Company, Canal Winchester, Ohio Midwest All Beef Dog Food	Crude Protein 15.0% Crude Fat 4.0%	12.5% 20.2% Not Registered
Winn Milling Company, Greensburg, Kentucky Tasty 32% Dairy Supplement Daisy 17% Pig & Sow Meal	Crude Protein 32.0% Crude Fiber 6.0%	29.2% 6.8%