

Kentucky Agricultural Experiment Station

UNIVERSITY OF KENTUCKY

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Commercial Feeds In Kentucky In 1945

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This bulletin contains the results of investigation and analysis of commercial feeds sold in Kentucky during 1945 and other information helpful to those who purchase commercial feeds.

The estimated tonnage of commercial feeds consumed in this State during 1945, based on the sale of guaranty tags, was 671,350 tons. This was an increase of 1.2 percent over the 1944 sales. Of this tonnage, 172,315 tons were dairy feed; 43,278 tons, hog feed; 21,850 tons, horse and mule feed; 165,684 tons, poultry feed; 3,369 tons, rabbit feed; 1,675 tons, sheep feed; 16,100 tons, general stock feed; 3,461 tons, dog feed; 1,987 tons, mineral feed; 287 tons, goat feed; 150 tons, pigeon feed; and 168,216 tons were straight by-product feed and feed of a miscellaneous nature. A summary of estimated sales by class of feed, in tonnage, is given in the table below.

¹Died January 1, 1946. This bulletin was prepared under the supervision of Bruce Poundstone, who succeeded Mr. Turner as Head of the Department of Feed and Fertilizer Control.

TABLE 1.—ESTIMATED TONNAGE OF COMMERCIAL FEEDS SOLD IN KENTUCKY IN 1945

Feed	Tons	Feed	Tons
Straight byproducts		Special purpose feeds (continued)	
Alfalfa meal	100	Dog feed, dry	3,461
Barley, ground	1,600	Goat feed	287
Bonemeal	280	Hog feed	
Brewers dried grains	800	Fattening and growing	34,536
Corn byproduct feed	2,650	Supplement	8,742
Cottonseed oilmeal	6,845	Total hog feed	43,278
Cracked corn	5,230	Horse and mule feed	21,850
Crushed ear corn	7,681	Pigeon feed	150
Distillers dried grains	5,400	Poultry grains	
Distillers dried solubles	2,025	Chick	13,685
Hominy feed	8,575	Scratch	55,768
Linseed oilmeal	640	Total poultry grains	69,453
Meat scrap	860	Poultry mash	
Meat and bone scrap	900	All-mash growing ration	3,815
Miscellaneous wheat feeds	4,625	All-mash laying ration	3,387
Mixed feed	31,205	All-mash poultry	13,328
Oats, ground	550	All-mash starting	899
Soybean oilmeal	16,675	All-mash starting and growing	11,577
Tankage	2,025	Broiler mash	11,871
Wheat bran	9,180	Fattening mash	1,550
Wheat brown middlings or shorts	9,025	Growing mash	15,551
Wheat gray middlings or shorts	25,800	Laying mash	66,849
Wheat, ground	5,990	Starting mash	12,410
Wheat mixed feed	18,830	Starting and growing mash	11,404
Wheat red dog flour	725	Supplement mash	3,011
		Turkey growing mash	6,477
Special purpose feeds		Turkey starting mash	2,955
Calf meal	2,550	Turkey supplement mash	600
Dairy feed		Total poultry mash	165,684
16% protein	56,680	Rabbit feed	3,369
18% protein	7,925	Sheep feed	1,675
20% protein	34,575	Stock feed	16,100
24% protein	63,360	Miscellaneous feeds	
Supplement	9,775	Mineral feed	1,987
Total dairy feed	172,315	Miscellaneous	975

FEEDER'S GUIDE

The feeder has several aids to guide him in selecting a commercial feed. He should never buy feed not registered and labeled with an official guaranty tag. He should read the tag carefully and base his selection on the information in the guaranty rather than on the claims made by the salesmen. If a feed is not labeled, he should refuse to accept it regardless of any claims made for it. He can also safeguard himself by buying from reputable manufacturers who have good records and make good, clean feeds. He should look with suspicion on all yellow-tag feeds, as such feeds contain fillers of little or no feed value. As a general rule, a feed containing a complex vitamin and mineral mixture is to be avoided, because a long list of materials has no particular merit and needed vitamins and minerals usually can be supplied at lower cost in simple materials.

The Feed Control Department constantly makes check analyses of feeds sold in Kentucky. The results are summarized and published with other valuable data on feeds and their use, in bulletins, which are sent free to anyone interested. Other publications of interest to feeders can be obtained from county agricultural agents or by writing to the Agricultural Experiment Station, Lexington.

GOOD PASTURE IN A FEEDING PROGRAM

The use of good pasture in the feed program is important to the feeder. The kind of feed a feeder should select is determined very largely by the character of pasture available for his animals. Manufacturers have recognized this fact and as a part of their service to feeders are making feeds to meet the pasture situation. Pasture is the cheapest of all feed and requires the least labor. Pasture, hay, and other forage crops generally speaking supply about 60 percent of all the feed required by most livestock; milk cows get about 76 percent of their feed from these crops, other cattle about 80 percent, horses and mules 67 percent, and sheep 95 percent. Hogs and poultry, on the other hand, get about 95 percent of their feed from grain. It has been possible to meet the feed shortage to a large extent, except feed for poultry, by improving pastures and growing more and better hay and forage. It has been shown very definitely that the proper use of fertilizer can increase the yield and quality of pasture and hay and that such increases are very desirable and profitable.

EXPLANATION OF TERMS USED IN ANALYSES OF FEEDS

Protein means the principal nitrogen compounds of a feed. Animals use protein to build and repair tissues. However, when carbohydrates and fats are deficient in the diet, protein may be used to produce heat and energy, but this is undesirable both physiologically and economically. Plants build protein from water, nitrogen compounds and certain minerals of the soil, and carbon dioxide of the air. Protein from animal sources such as milk, meat scrap, and tankage, is derived from plant protein which is partly broken down by the digestive processes of the animal and reconstructed into the kind of protein specific for the animal tissue. The nutritive value of proteins differs greatly; therefore, it is well to select feeds which contain several ingredients and therefore a variety of proteins. Proteins derived from animal sources, such as milk, meat and meat byproducts, are very desirable for poultry, hogs, dogs, and young animals of all kinds. Animal proteins are not so necessary for mature animals, especially the ruminants because these have the power to utilize other proteins.

Fat is the ether-soluble nutrient in a feed and consists chiefly of fats and oils but a small percentage of waxes, resins, and coloring matter may be included. Fat can be deposited in the body tissues as such, or can be burned in the body to furnish heat and energy. The energy value of fat is high, being 2.25 times that of the nitrogen-free extract.

Fiber is the woody portion or structural part of plants. It consists mainly of cellulose, which has little feed value because of its low digestibility. Generally seeds and grains contain very little fiber, while the protecting hulls and husks and the supporting stems, are high in this constituent. Excessive fiber in a feed indicates that the percentage of essential nutrients is low and that their digestibility is impaired.

Water is present in all feeds. It adds nothing to their value because animals receive their main supply of water from other sources. Water reduces the value of a feed by decreasing the percentages of the other nutrients, and much water lowers the keeping quality of the feed.

Ash is the mineral matter or residue of a feed which remains after complete burning. The ash of vegetable materials contains minerals which the plant has taken from the soil. Most of these elements are essential in the proper nutrition of an animal. The ash from different plants, and from different parts of the same plant, varies in amount

and feeding value. The minerals most commonly deficient in stock feeds are calcium and phosphorus. An excessive amount of ash in a feed usually means the presence of inert matter, such as dirt or sand.

Nitrogen-free extract. In making the usual chemical analysis of a feed, the chemist determines the percentages of protein, fat, fiber, ash, and water and terms the remainder nitrogen-free extract. It is composed chiefly of starches, sugars, and pentosans which are easily digestible. Like fat, nitrogen-free extract in the diet of an animal is oxidized to maintain body heat and produce energy for work. Fat can be synthesized by the animal, from nitrogen-free extract.

Vitamins are organic food substances distinct from the more familiar nutrients (proteins, fats, carbohydrates, and minerals) but necessary in nutrition for normal growth and reproduction. Although these substances are required only in very small quantities, some feeds do not contain enough for proper growth and productiveness. Deficiency in each vitamin leads to specific disease symptoms usually first manifested by lack of growth. The feeder may not suspect a vitamin deficiency because he notices only retarded growth. The typical symptoms usually appear only in the later stages of the disease. When the feeder uses commercial feeds, he should select feeds made by reputable manufacturers whose record for making reliable feeds is good. When he is home-mixing feed, he should select only ingredients of high quality and well-known value.

Vitamins are widely distributed in plant and animal materials commonly fed to livestock and poultry. Green feeds, legumes, and natural green hays are the principal sources of carotene (vitamin A) and riboflavin (vitamin G). All grains except yellow corn have very little vitamin-A activity, but are good sources of the vitamin B complex. Vitamin E is present chiefly in leafy materials, vegetable and animal oils, and the germs of seeds, especially the germ of wheat. No feeds are good sources of vitamin D, the chief source for farm animals being direct sunlight and fish oils, or their equivalent.

The first principle of avoiding vitamin deficiencies in feeding is the maximum use of high-quality roughages, and direct sunlight. High-quality roughages include green pasture, legume or grass silage, corn silage, leafy and green sun-cured legume hays. Animals that normally consume large quantities of roughage of this sort will not need special vitamin supplements. Poultry and hogs consume more concentrates than roughages and therefore should be given maximum use of green pasture and direct sunlight. However, when these are

not available, the animals should be given a liberal amount of milk byproducts and alfalfa leaf meal. The most practical way to supply vitamin D to confined fowls is to use biologically tested fish oil or its equivalent. Irradiated yeast as a source of vitamin D, is valuable only for four-footed animals.

METHOD OF CALCULATING THE ANALYSIS OF A FEED MIXTURE

Requests are often received for a method of calculating the analysis of a given feed mixture. Examples are given of two classes of feed most commonly mixed by the feeder, in 1,000-pound batches, for his stock.

Example 1. 20-percent protein dairy feed

1	2	3	4
Ingredients	Percentage of protein, or pounds in 100	Hundreds of pounds of each ingredient	Pounds of protein from each ingredient
150 pounds wheat bran	15	1.5	22.5
200 pounds ground shelled corn.....	9	2	18.0
150 pounds hominy meal	11	1.5	16.5
150 pounds cottonseed meal	41	1.5	61.5
150 pounds soybean oil meal	41	1.5	61.5
100 pounds ground oats	11	1	11.0
100 pounds alfalfa meal	14	1	14.0
1000 pounds		10	205.0

Then 205.0 divided by 10=20.5, the percentage of protein in this feed.

Example 2. 20-percent protein laying mash

1	2	3	4
Ingredients	Percentage of protein, or pounds in 100	Hundreds of pounds of each ingredient	Pounds of protein from each ingredient
150 pounds wheat bran	15	1.5	22.5
200 pounds wheat middlings	16	2	32.0
200 pounds ground yellow corn	9	2	18.0
100 pounds ground oats	11	1	11.0
150 pounds meat scrap	50	1.5	75.0
100 pounds alfalfa meal	14	1	14.0
100 pounds soybean oil meal	41	1	41.0
1000 pounds		10	213.5

Then 213.5 divided by 10=21.35, the percentage of protein in this feed.

(See following page for explanation of method used in these calculations.)

Explanation of Method Used in Table I.

1. List the number of pounds and ingredients in column 1.
2. Get from the guaranty on the official tag or from the average analysis the protein content of each ingredient and put it in column 2.
3. Place the hundreds of pounds of each ingredient in column 3. For example, 150 pounds of an ingredient is listed as 1.5 hundred pounds.
4. Multiply the figure for each ingredient in column 2 by that in column 3 to get the figure in column 4. This is multiplying the number of pounds of protein in a hundred, by the number of hundred pounds of each ingredient, to get the total pounds of protein furnished by each ingredient.
5. Add column 3, which gives the total weight of the mixture, in hundred pounds.
6. Add column 4, which gives the total weight of protein in the mixture.
7. Divide the sum of column 4 by the sum of column 3. This gives the percentage of protein in the mixture.

The percentages of other substances such as fat or fiber can be calculated in a similar way.

SYSTEM OF TAGGING

This Department groups feeds into three general classes: "straight" feeds, "straight mixed" feeds, and "yellow-tag" feeds, and labels them accordingly. The purpose of this system of labeling is to mark conspicuously certain important differences in the character of feeds. It is designed to aid in the selection of feeds. The tags are issued according to a three-color scheme, as follows:

A manila tag printed in black ink designates a feed made from one grain or plant. This class of feeds is known as "straight" feeds. *Examples:* wheat bran, hominy feed, cottonseed meal, alfalfa meal.

A manila tag printed in red ink designates a feed made from the products or byproducts of two or more grains, or plants, or animal byproducts. This class of feeds is known as "straight mixed" feeds. *Examples:* a mixture of wheat bran, hominy feed, and cottonseed meal; a mixture of corn chop, crimped oats, wheat bran, and alfalfa meal; or a mixture of yellow corn meal, wheat gray shorts, ground oats, alfalfa leaf meal, soybean oil meal, meat scrap, dried buttermilk.

A yellow tag printed in black ink designates a feed containing a material or materials of little or no nutritive value. Such are usually known as "yellow-tag" feeds. *Examples:* feeds containing oat hulls, corn cobs, cottonseed hulls, screenings and screenings refuse or waste, or other similar materials containing an excessive percentage of fiber.

AVERAGE COMPOSITION OF SOME FEEDSTUFFS

This table contains the average analysis of feed materials usually found in commercial feeds in Kentucky. The data are from analyses made at this Station and from other published results, especially **Food and Life** (U. S. Dept. Agr. Yearbook, 1939) and **Feeds and Feeding**, by F. B. Morrison, 1940.

	Protein	Fat	Fiber	Cal- cium	Phos- phorous	Vita- min A	Vita- min G
	%	%	%	%	%	I. U. per lb.	Micro- grams per lb.
Concentrates							
Alfalfa leaf meal	20.0	3.0	16.0	1.90	0.22	32,000	7,000
Alfalfa meal	14.0	2.0	30.0	1.44	0.21	13,000	5,000
Barley	11.5	2.0	5.0	0.05	0.36	400	400
Beet pulp, dried	8.0	0.5	20.0	0.70	0.07		
Blood, dried	82.0	0.9		0.33	0.26		
Bonemeal, steamed	7.1	3.3	0.8	28.80	13.34		
Brewers dried grains	24.0	6.5	15.0	0.20	0.46		
Buckwheat	10.5	2.5	10.5	0.06	0.43		300
Buttermilk, dried	32.5	5.5		1.56	1.05	200	9,000
Buttermilk, semisolid	13.5	3.0					
Corn (yellow)	9.5	4.0	2.0	0.01	0.29	3,180	450
Corn-and-cob meal	8.0	3.5	8.0		0.23		
Crushed ear corn with husks	7.5	3.0	7.8				
Corn bran	10.0	6.0	10.0	0.03	0.20		
Corn chop	9.5	4.0	2.0				
Corn chop (screened)	8.5	3.7	2.5				
Corn feed meal	8.5	4.0	4.5	0.04	0.38		
Corn germ meal	21.0	9.0	9.0				
Corn gluten feed	25.0	2.7	7.0	0.13	0.64		
Corn gluten meal (yellow)	42.0	2.3	2.5	0.06	0.40	6,800	
Cottonseed meal, 43% protein	43.0	6.0	10.0				
Cottonseed meal, 41% protein	41.0	5.5	11.0	0.23	1.18	600	300
Distillers corn dried grains	30.0	10.0	11.5	0.04	0.30		
Fish meal	55.0	8.0	0.9	6.5	3.60		4,500
Hominy meal	11.0	8.0	5.5	0.03	0.57		
Kafir corn	11.0	3.0	2.5	0.03	0.35	250	
Linseed oilmeal	34.0	6.5	8.5	0.33	0.74	200	900
Malt sprouts	31.0	2.0	12.0	0.18	0.70		
Meat scrap, 50% protein	50.0	7.5	2.3	10.2	4.91		2,700
Millet seed	11.5	3.0	7.8	0.01	0.33		
Molasses, cane	3.2			0.56	0.06		
Oats	11.5	4.6	11.0	0.10	0.36	80	400
Oat kernels	16.0	6.4	1.6	0.08	0.44		
Peanut oilmeal	42.5	7.5	9.0	0.18	0.56	250	1,200
Rice bran	12.5	12.5	12.5	0.10	1.84		900
Rye	11.8	1.8	1.8	0.05	0.36		
Rye middlings	15.5	3.7	5.5		0.44		
Skim milk, dried	34.0	1.0		1.27	0.96	130	9,500
Sorghum grains	9.5	3.4	2.0				
Soybean (seed)	36.5	17.5	4.3	0.20	0.53	600	1,300
Soybean oilmeal (expeller)	41.0	4.0	6.5	0.29	0.69	170	1,400
Soybean oilmeal (solvent)	44.0	1.0	7.0	0.29	0.69		
Tankage, 60% protein	60.0	7.0	2.0	7.16	3.53		800
Tankage, 50% protein	50.0	10.5	2.5				
Whale meal	75.0	11.0	2.0				
Wheat	12.4	2.1	2.2	0.04	0.39	140	400
Wheat bran	15.4	4.0	9.5	0.11	1.21	150	1,000
Wheat brown middlings or shorts	16.5	4.5	7.3	0.08	0.93		
Wheat germ meal	28.5	10.7	2.5	0.07	1.01		
Wheat gray middlings or shorts	16.7	4.6	5.5			120	900
Wheat mixed feed	16.0	4.4	8.3				
Wheat red dog flour	16.5	4.0	2.4	0.07	0.59	60	450
Wheat white middlings or shorts	16.2	3.7	2.9				
Whey (American cheese)	0.9	0.3		0.83	0.70		12,000
Yeast, dried	45.0	3.0	1.0	1.26	1.21		16,000
Yeast, grains	20.8	6.3	16.1				

TABLE 2 (continued)

	Protein	Fat	Fiber	Cal- cium	Phos- phorous	Vita- min A	Vita- min G
	%	%	%	%	%	I. U. per lb.	Micro- grams per lb.
Roughages							
Alfalfa hay	14.5	2.3	29.7	1.43	0.21	-----	-----
Bluegrass hay	8.2	2.5	29.8	0.30	0.22	-----	-----
Clover hay, alsike	12.0	2.2	27.1	0.76	0.23	-----	-----
Clover hay, red	11.8	2.6	27.3	1.21	0.18	-----	-----
Corn stover (ears removed)	5.9	1.6	30.8	0.46	0.09	-----	-----
Corn stover (with ears)	7.8	2.2	27.1	-----	-----	-----	-----
Cowpea hay	18.6	2.6	22.5	1.13	0.25	-----	-----
Lespedeza hay	13.5	2.5	28.0	0.99	0.19	-----	-----
Soybean hay	15.5	2.8	26.5	0.96	0.25	-----	-----
Timothy hay	6.2	2.5	29.8	0.27	0.16	-----	-----
Fillers							
Alfalfa stem meal	6.3	0.9	57.4	-----	-----	-----	-----
Buckwheat hulls	4.4	1.0	43.7	-----	0.02	-----	-----
Corn cobs	2.0	0.4	31.8	-----	0.02	-----	-----
Cottonseed hulls	3.9	1.0	45.5	0.13	0.10	-----	-----
Oat hull feed	5.5	2.1	26.5	-----	-----	-----	-----
Oat hulls	3.8	1.2	30.0	0.20	0.10	-----	-----
Screenings ^a	-----	-----	-----	-----	-----	-----	-----
Screenings refuse ^b	-----	-----	-----	-----	-----	-----	-----

^a Varies in quality from fair to poor.

^b Varies in quality from poor to worthless and even dangerous.

SUMMARY OF RESULTS OF INSPECTION AND ANALYSIS, 1945

Inasmuch as the analyses with appropriate comments, in detail, have been reported directly to persons interested, only a summary of the results of inspection and analysis is published in this bulletin.

Abilene Flour Mills Co., Abilene, Kansas. Inspection samples analyzed, 2.
Wheat Mixed Feed and Screenings, 1; equaled guaranty.
Wheat Brown Shorts and Screenings, 1; equaled guaranty.

Acme-Evans Co., Indianapolis, Ind. Inspection samples analyzed, 16.
Acme 14% Protein Hog Fattener, 1; equaled guaranty.
Acme 16% Protein Dairy Feed, 3; 2 no corn gluten meal found.
Acme 18% Protein Egg Mash, 2; 1 no corn gluten meal found.
Acme 18% Protein Pig Meal, 2; 1 no linseed oil meal found and corn germ meal present though not listed.
Acme Pailfill 20% Protein Dairy Feed, 1; equaled guaranty.
Acme 24% Protein Dairy Feed, 1; equaled guaranty.
Acme 24% Protein Turkey Starting and Growing Mash, 1; equaled guaranty.
Acme 32% Protein Dairy Supplement, 1; corn gluten meal and cottonseed meal not found.
Producer Horse Feed, 1; equaled guaranty.
Producer Brand 17% Protein Starting and Growing Mash, 1; equaled guaranty.
Producer 24% Protein Dairy Feed, 1; Linseed oil meal not found.
Deficient in protein.
Acme Wheat Bran and Screenings, 1; equaled guaranty.

Alfocorn Milling Co., E. St. Louis, Ill., Inspection samples analyzed, 1;
Full Pail 16% Protein Dairy Feed, 1; Linseed oil meal not found.

- Allied Mills, Chicago, Ill., Inspection samples analyzed, 30.
- Wayne 12% Protein Fitting Ration, 1; equaled guaranty.
 - Wayne 16% Protein Dairy Feed, 3; 1 Ground milo not found, 1 Cottonseed meal not found.
 - Topper 16% Protein Dairy Feed, 1; deficient in protein.
 - Wayne 17% Protein Growing Mash with Sardine Oil, 1; equaled guaranty.
 - Wayne 18% Protein Chick Starter, 1; equaled guaranty.
 - Wayne 20% Protein Egg Mash, 2; 1 corn gluten feed and corn gluten meal not found.
 - Wayne 24% Protein Dairy Feed, 2; 1 Corn gluten meal and linseed oil meal not found and deficient in protein, 1; cottonseed meal not found.
 - Wayne 26% Protein Poultry Mash Supplement, 1; equaled guaranty.
 - Wayne 27% Protein Sweet Mix Stock Supplement, 1; equaled guaranty.
 - Wayne 32% Protein Dairy Supplement, 1; equaled guaranty.
 - Wayne Victory 35% Protein Hog Supplement, 2; 1 Wheat middlings and linseed oil meal not found.
 - Wayne 40% Protein Hog Supplement, 1; equaled guaranty.
 - Wayne 41% Protein Soybean Oil Meal, 3; equaled guaranty.
 - Wayne 20% Protein Egg Mash with Sardine Oil, 1; equaled guaranty.
 - Wayne 26% Protein Poultry Mash Supplement with Sardine Oil, 1; equaled guaranty.
 - Arab Horse Feed, 1; equaled guaranty.
 - Wayne 13% Protein Rabbit Pellets Ration, 1; equaled guaranty.
 - Wayne 20% Protein Pig and Sow Meal, 2; 1 deficient in protein.
 - Economy 18% Protein Laying Mash, 1; Ground wheat present though not listed.
 - Wayne 17% Protein Starter and Grower with Sardine Oil, 1; Corn gluten meal, fish meal and ground oats not found.
 - Wayne 20% Protein Turkey Growing Mash with Sardine Oil, 1; equaled guaranty.
 - Wayne 25% Protein Turkey Starting Mash, 1; excess fiber.
- Always Ahead Mills, E. St. Louis, Ill., Inspection samples analyzed, 2.
- Do-Mor 16% Protein Dairy Feed, 1; Ground corn present though not listed, linseed oil meal not found.
 - Do-Mor 17% Protein Pig and Hog Feed, 1; Corn gluten feed and corn gluten meal not found.
- Anderson and Spilman, Danville, Kentucky, Inspection samples analyzed, 1.
- Snow Flake Feed, 1; Ground corn, ground oats and ground wheat present though not listed.
- Anglo Sweet Feed Mill, Owensboro, Kentucky, Inspection samples analyzed, 1.
- Ace Three-in-One 18% Protein Poultry Mash, 1; equaled guaranty.
- Arcady Farms Milling Co., Chicago, Ill., Inspection samples analyzed, 21.
- Wonderfat Brand 14% Protein Station Feed, 1; Excess fiber.
 - Arcady 15% Protein Hog Feed, 1; equaled guaranty.
 - Arcady 15% Protein Hog Grower, 1; Linseed oil meal present though not listed, Potassium Iodide not found.
 - Atlantic Besbet 16% Protein Dairy Feed, 5; equaled guaranty.
 - Sunkist 17% Protein Growing Mash, 1; Excess fiber.
 - Sunkist 18% Protein Complete Chick Starter, 1; Excess fiber.
 - Arcady 24% Protein Dairy Feed, 2; 1 Cottonseed meal present though not listed, linseed oil meal not found.
 - Sunkist 30% Protein Hog Supplement, 1; equaled guaranty.
 - Arcady 20% Protein Dairy Feed, 4; 1 Screenings (Ground weed seeds, hulls, and chaff) Refuse present though not listed.

- Misbranded and adulterated. 1 Ground corn present though not listed.
- Arcady 16% Protein All-Purpose Mash Ration, 1; Linseed oil meal not found, excess fiber.
- Sunkist 18% Protein Chick Starter, 1; equaled guaranty.
- Sunkist 20% Protein Egg Mash, 1; equaled guaranty.
- Arcady 32% Protein Dairy Feed Supplement, 1; equaled guaranty.
- Archer-Daniels-Midland Co., Minneapolis, Minn., Inspection samples analyzed, 2.
- 44% Protein Solvent Process Soybean Oil Meal, 2; equaled guaranty.
- Armour & Co., Chicago, Illinois, Inspection samples analyzed, 1.
- Armour's 60% Protein Digester Tankage, 1; equaled guaranty.
- The Great Atlantic & Pacific Tea Co., New York, N. Y., Inspection samples analyzed, 3.
- Daily Milk 16% Protein Dairy Feed, 1; equaled guaranty.
- Milky Way 20% Protein Dairy Feed, 1; Corn gluten meal and malt sprouts not found.
- Milky Way 24% Protein Dairy Feed, 1; Corn gluten meal and malt sprouts not found.
- Aubrey and Company, Louisville, Kentucky, Inspection samples analyzed, 35.
- Red A 14% Protein Poultry Fattening Mash, 1; equaled guaranty.
- Red A 20% Protein Laying Mash, 4; 1 deficient in protein.
- Ground Wheat, 1; deficient in protein.
- Red A 20% Protein Dairy Feed, 6; 1 Corn feed meal, hominy feed and soybean oil meal not found, corn oil meal and ground wheat present though not listed, deficient in protein and fat. 1 cottonseed meal not found. 1 deficient in protein. 1 corn gluten feed and ground wheat present though not listed, deficient in protein and fat.
- Red A Poultry Scratch Feed, 1; deficient in fat.
- Red A Horse Feed, 3; 1 much excess fiber.
- Aubrey 16½% Protein Dairy Feed, 3; 1 Hominy meal and cottonseed meal not found.
- Red A 16½% Protein Dairy Feed, 1; equaled guaranty.
- Red A Stock Feed, 1; Wheat bran not found, ground wheat present though not listed, much deficient in fat and excess fiber.
- Monarch Horse Feed, 1; equaled guaranty.
- Red A 18% Protein Hog and Pig Feed, 2; equaled guaranty.
- Red A 16% Protein Sheep Feed, 1; equaled guaranty.
- Ful-O-Cream 24% Protein Dairy Feed, 2; 1 deficient in protein.
- Red A 25% Protein Turkey Starting Mash, 2; equaled guaranty.
- Hominy Meal, 1; equaled guaranty.
- Red A 17% Protein All-Mash Starter-Grower-Broiler Ration, 1; equaled guaranty.
- Red A 21% Protein Turkey Growing and Developing Mash, 1; equaled guaranty.
- Red A 20% Protein All-Mash Starter-Grower-Broiler Ration, 2; 1 Fish meal not found though listed.
- Aubrey's 41% Protein Cottonseed Meal, 1; equaled guaranty.
- The Auburn Mills, Auburn, Kentucky, Inspection samples analyzed, 2.
- Ground Wheat, 1; equaled guaranty.
- Mixed Feed, 1; deficient in fat.
- Aviston Milling Co., St. Louis, Mo., Inspection samples analyzed, 1.
- Sugar Creek Stock Feed, 1; equaled guaranty.
- Ballard & Ballard Co., Louisville, Kentucky, Inspection samples analyzed, 32.
- Ballard's 16% Protein Sweet Dairy Feed, 3; equaled guaranty.

- Ballard's Wheat Bran, 2; equaled guaranty.
- Insurance Brand 20% Protein Laying Mash, 1; Distillers' dried solubles present though not listed.
- Ballard's 18% Protein Laying Mash, 3; 1 ground oats and ground milo present though not listed.
- Milk Insurance Brand 20% Protein Dairy Feed, 3; 1 Linseed oil meal present though not listed, 1 cottonseed meal not found, 1 cottonseed meal not found and ground milo and linseed oil meal present though not listed.
- Milk Insurance Brand 24% Protein Dairy Feed, 2; equaled guaranty.
- Insurance Brand 20% Protein Egg and Breeder Mash, 2; equaled guaranty.
- Chick Insurance Brand 18% Protein Starting Mash, 2; 1 ground oats found though not listed.
- Ballard's Heavy Grain Horse Feed, 1; equaled guaranty.
- Insurance 13% Protein Fattening Mash, 1; excess fiber.
- Ballard's 16% Protein Pig and Hog Ration, 1; Cottonseed meal not found, adulterated with weed seeds, and misbranded.
- Insurance 18% Protein Pig and Hog Ration, 1; equaled guaranty.
- Insurance 12½% Protein Dry and Freshening Feed, 1; equaled guaranty.
- Ballard's 40% Protein Pig and Hog Supplement, 1; excess fiber.
- Insurance Brand 18% Protein Growing Mash, 1; equaled guaranty.
- Insurance Brand 18% Protein Broiler Ration, 1; equaled guaranty.
- Insurance Brand 20% Protein Turkey Growing Mash, 1; equaled guaranty.
- Insurance Brand 18% Protein Broiler Ration, 1; equaled guaranty.
- Insurance 13½% Protein Sheep Feed, 1; equaled guaranty.
- Insurance 20% Protein Calf Starter, 1; equaled guaranty.
- Insurance 26% Protein Turkey Starter, 1; equaled guaranty.
- Insurance 20% Protein Egg Breeder Mash, 1; equaled guaranty.
- Bardstown Mills, Bardstown, Kentucky, Inspection samples analyzed, 1.
Royal Mixed Feed, 1; Wheat germ meal present though not listed.
- Baughman Milling Co., Stanford, Ky., Inspection samples analyzed, 3.
Banner Stock Feed, 3; 1 deficient in protein and fat, 1 excess fiber, corn meal present though not listed, 1 large amount of ground weed seeds, some oat hulls present and not listed, and excess fiber.
- Beaver Dam Milling Co., Beaver Dam, Kentucky, Inspection samples analyzed, 7.
Mixed Feed, 1; equaled guaranty.
Eureka Chick Scratch Feed, 1; deficient protein.
Eureka 16% Protein Pig and Hog Ration, 1; equaled guaranty.
Beaver 16% Protein Dairy Feed, 2; 1 Corn gluten feed and cottonseed meal not found, distiller's dried grains present though not listed.
Eureka 17% Protein All-Mash Starting and Growing, 1; equaled guaranty.
Eureka 90% Grain Horse Mule Feed, 1; Wheat bran and wheat shorts not found, alfalfa present though not listed.
- Bi-County Farm Bureau Cooperative Assn., R. 4, Erlanger, Ky., Inspection samples analyzed, 3.
Co-op Special Brand 20% Protein Laying Mash, 1; deficient in protein.
Co-op Milkmaid Brand 20% Protein Dairy Feed, 1; equaled guaranty.
Farm Bureau Mermash Brand 17% Protein Starter & Grower, 1; equaled guaranty.

- The Big Four Mills, Ltd., Covington, Kentucky, Inspection samples analyzed, 10.
- Big Four 20% Protein Starter and Grower Mash, 1; equaled guaranty.
 - Big Four 24% Protein Dairy Feed, 3; equaled guaranty.
 - O. K. Brand 18% Protein Dairy Feed, 3; 2 ground corn present though not listed, Soybean oil meal not found.
 - Big Four 20% Protein Laying Mash, 2; 1 deficient in protein, 1 corn gluten feed not found, brewer's dried grains present though not listed.
 - Big Four 19% Protein Starter and Grower Mash, 1; equaled guaranty.
- Binn's Milling Co., Herndon, Kentucky, Inspection samples analyzed, 1.
- Binn's Do-Mor Brand 18% Protein Laying Mash, 1; equaled guaranty.
- Blanton Milling Co., Indianapolis, Ind., Inspection samples analyzed, 2.
- Blanton Wheat Bran and Screenings, 1; equaled guaranty.
 - Perfect Brand 14% Protein Hog Fattener, 1; equaled guaranty.
- Blish Milling Co., Seymour, Ind., Inspection samples analyzed, 3.
- Bull's Eye Wheat Brown Middlings and Screenings, 2; equaled guaranty.
 - Woodstock Wheat Bran, 1; equaled guaranty.
- W. H. Brock & Co., Winchester, Ky., Inspection samples analyzed, 1.
- CCC Ground Wheat, 1; deficient in protein and excess fiber. Off grade wheat.
- The Brode Corporation, Memphis, Tenn., Inspection samples analyzed, 1.
- Owl Brand 41% Protein Soybean Oil Meal, 1; equaled guaranty.
- Bryant's Mill, Caneyville, Kentucky, Inspection samples analyzed, 2.
- Kentucky Farm 18% Protein Hog Feed, 1; Cottonseed meal not found.
 - Kentucky Farm 18% Protein Laying Mash, 1; equaled guaranty.
- The Buckeye Cotton Oil Company, Cincinnati, O., Inspection samples analyzed, 9.
- Buckeye 41% Protein Cottonseed Meal, 3; deficient in protein and excess fiber.
 - Buckeye 41% Protein Soybean Oil Meal, 5; equaled guaranty.
 - Buckeye 44% Protein Solvent Process Soybean Oil Meal, 1; equaled guaranty.
- Buhner & Co., Louisville, Kentucky, Inspection samples analyzed, 8.
- Buhner's Happy Farmer Brand 13% Protein Hog Fattener, 1; Corn gluten feed not found, ground oats present though not listed.
 - Buhner's Special Brand 16% Protein Dairy Feed, 2; 1 Malt sprouts present though not listed, Distiller's corn dried grain not found, 1 wheat bran present though not listed.
 - Buhner's Happy Farmer 16½% Protein All-Mash Starter and Grower, 1; equaled guaranty.
 - Buhner's Happy Farmer 17% Protein Growing Mash, 1; Corn gluten feed not found.
 - Buhner's Happy Farmer 20% Protein Laying Mash, 1; Corn gluten feed not found.
 - "Buhner's Big 18 Brand" 18% Protein Laying Mash, 1; Corn gluten feed not found.
 - Happy Farmer 24% Protein Dairy Feed, 1; equaled guaranty.
- Bundy Bros. Mill Co., Medora, Ind., Inspection samples analyzed, 1.
- Medora 19% Protein Pig and Shoaat Feed, 1; Wheat bran present though not listed. Wheat middlings not found.
- Burnside Milling Co., Burnside, Ky., Inspection samples analyzed, 1.
- Mixed Feed, 1; deficient in protein.
- Cadick Milling Co., Grandview, Ind., Inspection samples analyzed, 1.
- Cadick's 17% Protein All-Mash, 1; equaled guaranty.

- Central Kentucky Milk Producers Ass'n., Lexington, Kentucky, Inspection samples analyzed, 4.
Co-op 20% Protein Laying Mash, 2; equaled guaranty.
Co-op 19% Protein Starting and Growing Mash, 1; equaled guaranty.
Special 24% Protein Dairy Feed, 1; deficient in protein, brewer's dried grains present though not listed, alfalfa meal not found.
- Central Soya Co., Ft. Wayne, Ind., Inspection samples analyzed, 1.
Central 41% Protein Soybean Oil Meal, 1; equaled guaranty.
- Chemical Products Corporation, Cincinnati, O., Inspection samples analyzed, 1.
Abattoir Brand 55% Protein Meat Scrap, 1; Slightly excess fiber.
- Cherokee Mills, Nashville, Tenn., Inspection samples analyzed, 1.
Cherokee Mixed Feed, 1; equaled guaranty.
- The Cincinnati Grain and Hay Dairy Feed, Cincinnati, O., Inspection samples analyzed, 2.
No-Better Brand 16% Protein Sweet Dairy Feed, 1; deficient in fat.
No-Better Brand 24% Protein Sweet Dairy Ration, 1; equaled guaranty.
- City Roller Mills, Vevay, Indiana, Inspection samples analyzed, 2.
Blue Ribbon 14% Protein Pig and Hog Ration, 2; 1 Potassium Iodide not found, deficient in protein and slightly deficient in fat.
- Clarkson Milling Company, Clarkson, Kentucky, Inspection samples analyzed, 1.
Ground Wheat and Flour, 1; excess fiber.
- Clifty Falls Mills, Madison, Indiana, Inspection samples analyzed, 11.
Clifty Falls 16% Protein Dairy Feed, 1; Potassium Iodide and Beet pulp not found.
Clifty Falls 17% Protein Starter and Grower, 1; equaled guaranty.
Clifty Falls 20% Protein Dairy Feed, 2; 1 excess fiber and corn gluten meal not found, 1 corn gluten feed not found and cottonseed meal present though not listed.
Clifty Falls 20% Protein Broiler Mash, 1; ground wheat present though not listed, corn gluten meal not found.
Clifty Falls 14½% Protein Hog Fattener, 2; 1 Meat scraps and Potassium Iodide not found, ground oats present though not listed; 1 ground oats present though not listed, Potassium Iodide not found.
Clifty Falls 24% Protein Dairy Feed, 1; Corn gluten feed and Potassium Iodide not found.
Clifty Falls 17% Protein Growing Mash, 1; Potassium Iodide not found.
Clifty Falls 20% Protein Egg Mash, 1; Potassium Iodide not found.
Clifty Falls 25% Protein Turkey Starter, 1; equaled guaranty.
- Clell Coleman & Sons, Burgin, Kentucky, Inspection samples analyzed, 1.
Big Blue Stock Feed, 1; deficient in fat.
- Colonial Milling Co., Nashville, Tennessee, Inspection samples analyzed, 1.
Colonial's Wheat Gray Shorts and Screenings, 1; excess fiber.
- The Columbus Rendering Co., Columbus, Ohio, Inspection samples analyzed, 2.
Coreco 50% Protein Meat and Bone Scraps, 2; 1 excess fiber.
- Cooperative Mills, Cincinnati, Ohio, Inspection samples analyzed, 22.
Super Brand 20% Protein Laying Mash, 1; equaled guaranty.
Horse and Mule Feed, 1; equaled guaranty.
Ground Oats, 1; equaled guaranty.

- 16% Protein Pig and Hog Feed, 3; 1 Distiller's dried solubles present though not listed, distiller's dried grains not found. 1 Wheat bran present though not listed. 1 deficient in protein.
- 16% Protein Milk Maker, 1; equaled guaranty.
- Milk Maker Brand 16% Protein Dairy Feed, 1; equaled guaranty.
- 13% Protein Stock Fitting Ration, 1; equaled guaranty.
- 17½% Protein Growing Mash, 1; Distiller's dried solubles present though not listed, distiller's dried grains not found.
- Milk Maker 18% Protein Dairy Feed, 1; equaled guaranty.
- Super Brand 18% Protein Laying Mash, 1; ground wheat present though not listed.
- 19½% Protein Turkey Growing Mash, 1; excess fiber.
- 20% Protein Starting and Growing Mash, 2; 1 Corn gluten meal not found.
- 20% Protein Milk Maker, 2; equaled guaranty.
- 24% Protein Milk Maker, 1; equaled guaranty.
- 24% Protein Dog Feed, 1; equaled guaranty.
- Milk Maker Brand 28% Protein Dairy Supplement, 1; equaled guaranty. Slight excess Urea.
- 30% Protein Poultry Supplement, 1; equaled guaranty.
- 32% Protein Milk Maker Supplement, 1; Cottonseed meal present though not listed.
- Geo. Couch & Sons, New Harmony, Ind., Inspection samples analyzed, 6.
- Harmony Brand Hominy Feed, 1; equaled guaranty.
- Harmony Brand 16% Protein Dairy Feed, 1; Corn Gluten Feed, Corn gluten meal, cottonseed meal, linseed oil meal, Potassium Iodide, and distiller's dried grains not found. Ground oats and ground wheat present though not listed. Deficient in fat; very irregularly made; misbranded.
- Harmony Stock Feed, 1; Ground oats present though not listed.
- Harmony Brand 18% Protein Pork Maker, 1; ground wheat present though not listed.
- Harmony Wheat Gray Shorts and Screenings, 1; equaled guaranty.
- Harmony 18% Protein All-Mash Starting and Growing Ration, 1; Linseed oil meal and ground oats not found.
- Crescent Roller Mills Co., Taylorsville, Kentucky, Inspection samples analyzed, 1.
- Crescent Stock Feed, 1; deficient in fat.
- Dearborn Mills, Aurora, Indiana, Inspection samples analyzed, 12.
- Dearborn Horse and Mule Feed, 1; equaled guaranty.
- Dearborn 16% Protein All-Mash Starter and Grower, 1; equaled guaranty.
- Dearborn 16% Protein Pig and Hog Ration, 2; 1 ground oats present though not listed, deficient in protein.
- Dearborn 16% Protein Dairy Feed, 4; equaled guaranty.
- Success Brand 18% Protein Layer Mash, 1; equaled guaranty.
- Dearborn 20% Protein Dairy Feed, 1; equaled guaranty.
- Dearborn 20% Protein Layer Mash, 1; equaled guaranty.
- Dearborn Rapid Growth Brand 22% Protein Broiler Mash, 1; equaled guaranty.
- Decatur Milling Co., Decatur, Illinois, 2; Inspection samples analyzed, 2.
- Homeco Hominy Feed, 2; equaled guaranty.
- The Derwood Mills, Derwood, Maryland, Inspection sample analyzed, 1.
- Derwood Horse Crunch, 1; equaled guaranty.
- The Dewey Bros. Co., Blanchester, O., Inspection samples analyzed, 7.
- Dewco 15% Protein Pig and Hog Feed, 1; Linseed oil meal not found. Gr. Wh. found, not listed.
- Dewey's 16% Protein Dairy Feed, 1; deficient in fat.

- Dewco 17% Protein Starter and Grower, 1; equaled guaranty.
 Dewco 18% Protein Dairy Feed, 1; equaled guaranty.
 Dewey's 24% Protein Dairy Feed, 1; 1 Corn gluten feed and Potassium Iodide not found though listed.
 Dewco 24% Protein Dairy Feed, 2; equaled guaranty.
- W. C. Dicken, Mentor, Kentucky, Inspection samples analyzed, 3.
 Sunny Grain Brand 17% Protein Chick Starter, 1; equalled guaranty.
 Sunny Grain Brand 18% Protein Chick Grower, 1; equaled guaranty.
 Sunny Grain Brand 20% Protein Dairy Feed, 1; excess fiber.
- Dixie Mills Co., E. St. Louis, Illinois, Inspection samples analyzed, 14.
 Dixie Horse and Mule Feed, 1; much excess fiber; misbranded.
 Dixie 13½% Protein Rabbit Pellets, 1; excess fiber.
 Dixie 15% Protein Hog Fattener, 1; equaled guaranty.
 Dixie 16% Protein Dairy Feed, 4; 1 Linseed oil meal not found though listed; 1 excess fiber, linseed oil meal not found though listed.
 Dixie 17% Protein All-Purpose Poultry Mash, 1; equaled guaranty.
 Dixie 17% Protein Complete All-Mash Laying Ration, 1; equaled guaranty.
 Dixie 20% Protein Laying Mash, 1; equaled guaranty.
 Dixie 20% Protein Pig and Sow Feed, 1; equaled guaranty.
 Dixie 24% Protein Dairy Feed, 2; equaled guaranty.
 Dixie 34% Protein Dairy Feed Supplement, 1; equaled guaranty.
- Dossey-Clay-Howard Milling Co., Inc., Fountain Run, Kentucky, Inspection samples analyzed, 1.
 Wheat Mixed Feed, 1; deficient in protein.
- Dunlop Milling Co., Inc., Clarksville, Tennessee, Inspection samples analyzed, 5.
 Purple Top 20% Protein Laying Mash, 1; equaled guaranty.
 Purple Top 24% Protein Dairy Feed, 1; Cottonseed meal present though not listed.
 Challenger 20% Protein Laying Mash, 1; equaled guaranty.
 Challenger 24% Protein Dairy Feed, 1; equaled guaranty.
 Challenger 32% Protein Dairy Supplement, 1; equaled guaranty.
- The Early and Daniel Co., Cincinnati, Ohio, Inspection samples analyzed, 34.
 Tuxedo 14% Protein Pig Meal, 1; Fish meal not found, milo present though not listed.
 Tuxedo Special 16% Protein Dairy Feed, 3; 1 Distillers' Dried Grains not found; 1 Corn gluten feed not found.
 Tuxedo 17% Protein Starter, Grower and Developer Mash, 3; 1 Fish meal not found.
 Tuxedo 17½% Protein Starting and Growing All-Mash, 3; equaled guaranty.
 Tuxedo 18% Protein Broiler Mash, 1; Fish meal and Potassium Iodide not found.
 Tuxedo 18% Protein Dairy Feed, 1; equaled guaranty.
 Tuxedo 19% Protein Hog Ration, 1; deficient in protein and fat, ground wheat present though not listed.
 Tuxedo 20% Protein Egg Mash, 1; equaled guaranty.
 Tuxedo 20% Protein Turkey Growing and Developing Mash, 1; equaled guaranty.
 Tuxedo 20% Protein Dairy Feed, 1; equaled guaranty.
 Tuxedo 24% Protein Dairy Feed, 3; 1 Corn gluten feed not found; 1 ground wheat present though not listed. Deficient in protein.
 Tuxedo 26% Protein Chick Mash Supplement, 1; very deficient in protein and inferior in quality.
 Tuxedo 20% Protein Special Egg Mash, 3; 1 ground wheat present though not listed, deficient in protein and fat.

- Ground Barley, 1; equaled guaranty.
Tuxedo Chop, 2; 1 excess fiber.
Tuxedo 14% Protein Pork Maker, 1; equaled guaranty.
Tuxedo 30% Protein Poultry Mash Supplement, 2; 1 Fish meal not found; 1 ground oats present though not listed. Deficient in protein.
Tuxedo 33% Protein Dairy Supplement, 1; equaled guaranty.
34% Protein Linseed Oil Meal, 1; equaled guaranty.
Tuxedo 33% Protein Dairy Supplement, 2; 1 Corn gluten feed not found, ground barley present though not listed.
Tuxedo Big Forty 40% Protein Hog Supplement, 1; equaled guaranty.
- The F. L. Emmert Co., Cincinnati, Ohio, Inspection samples analyzed, 2.
Molasso-Malt Brand 22% Protein Brewers Grains and Molasses, 1; equaled guaranty.
Buffalo Brand 24% Protein Brewers Dried Grains, 1; equaled guaranty.
- The Enns Milling Co., Inman, Kansas, Inspection samples analyzed, 1.
Wheat Gray Shorts, 1; deficient in protein.
- John W. Eshelman and Son, Lancaster, Pa., Inspection samples analyzed, 14.
Eshelman Red Rose 16% Protein Dairy Feed, 1; equaled guaranty.
Eshelman Red Rose 18% Protein Pig and Hog Meal, 1; excess fiber.
Eshelman Red Rose 18½% Protein Broiler Ration with A & D Oil, 1; equaled guaranty.
Eshelman Red Rose 20% Protein Laying Mash (with A & D Oil), 2; equaled guaranty.
Eshelman Red Rose 24% Protein Dairy Feed, 2; Cottonseed meal not found.
Eshelman Red Rose 16% Protein All-Mash Starter and Grower, 1; Linseed oil meal not found.
Eshelman Red Rose 15% Protein Sheep Feed, 1; equaled guaranty.
Eshelman Pennsy 16% Protein Dairy Feed, 2; 1 weed seeds present, misbranded; 1 cottonseed meal not found, excess fiber.
Eshelman Red Rose 18% Protein Pig and Hog Meal, 1; deficient in protein, excess fiber, ground wheat present though not listed, much inferior to guaranty.
Eshelman Red Rose 32% Protein Mixing Supplement, 1; Linseed oil meal not found.
Eshelman Red Rose 85% Grain Horse Feed, 1; equaled guaranty.
- Excelsior Milling Company, Minneapolis, Minn., Inspection samples analyzed, 1.
Camel Wheat Mixed Feed, 1; equaled guaranty.
- Evans Milling Co., Indianapolis, Ind., Inspection samples analyzed, 1.
Emco Hominy Feed, 1; equaled guaranty.
- Farmers Feed Store, Lexington, Kentucky. Inspection samples analyzed, 5.
Farmers' Best Brand 24% Protein Dairy Feed, 2; 1 deficient in fat.
30% Protein Distillers' Wheat Dried Grains, 1; deficient in protein.
Gregg's 16% Protein Dairy Feed, 1; Wheat shorts substituted for wheat middlings, corn feed meal substituted for ground corn, alfalfa meal not found, deficient in protein and fat.
Farmers' Special Brand 18% Protein Hog Feed, 1; Wheat Bran present though not listed.
- Farmers & Merchants Milling Co., Brooksville, Kentucky. Inspection samples analyzed, 1.
Wheat Mixed Feed and Screenings, 1; deficient in protein.
- Farmers' Milling Co., Somerset, Ky. Inspection samples analyzed, 1.
Farmers Stock Feed, 1; very deficient in protein, inferior to guaranty.

- Farmers' Union Mill, Versailles, Kentucky. Inspection samples analyzed, 1.
Mixed Feed, 1; deficient in protein.
- Feeders' Supply Store, Lexington, Kentucky. Inspection samples analyzed, 1.
Crushed Corn and Cob, 1; equaled guaranty.
- Ferncliff Feed & Grain Co., Louisville, Kentucky. Inspection samples analyzed, 8.
P.D.Q. 18% Protein Egg Mash, 1; deficient in protein.
P.D.Q. 17% Protein Starting and Growing Mash, 1; excess fiber, potassium iodide not found.
P.D.Q. Scratch Feed, 1; equaled guaranty.
Cracker Jack Horse and Mule Feed, 2; 1 Wheat Bran not found.
Cracker Jack 24% Protein Sweet Dairy Ration, 1; equaled guaranty.
Cracker Jack 18% Protein Egg Mash, 1; Wheat Bran and Wheat Middlings present though not listed.
Nonesuch Stock Feed, 1; deficient in protein.
- Henry Fischer Packing Co., Louisville, Kentucky. Inspection samples analyzed, 2.
Mellwood Brand 60% Protein Digester Tankage, 2; equaled guaranty.
- Flambeau Milling Co., Phillips, Wisconsin. Inspection samples analyzed, 5.
Flambo 15% Protein Hog Fattener, 1; excess fiber.
Flambo 16% Protein Dairy Feed, 1; excess fiber, much excess screenings, alfalfa stem meal present though not listed, adulterated and misbranded.
Flambo 18% Protein Egg Mash, 1; equaled guaranty.
Flambo 20% Protein Dairy Feed, 1; Corn gluten feed and corn gluten meal not found, beet pulp and alfalfa meal present though not listed.
Flambo 24% Protein Milk Maker Feed, 1; Corn gluten feed and corn gluten meal not found, beet pulp present though not listed, deficient in protein.
- Flemingsburg Mills, Flemingsburg, Ky. Inspection samples analyzed, 1.
Big Bay Stock Feed, 1; deficient in fat.
- Henry Fruechtenicht, Louisville, Ky. Inspection samples analyzed, 11.
Producer 16% Protein Dairy Feed, 3; 1 corn gluten feed not found.
Producer Brand 17% Protein Starting and Growing Mash, 1; excess fiber.
Producer Brand 20% Protein Laying Mash, 1; Linseed oil meal present though not listed.
Blue Grass 24% Protein Dairy Feed, 4; 2 deficient in protein, 1 Brewers dried grains, distillers' wheat dried grains, corn gluten feed, linseed oil meal, corn feed meal, wheat middlings, wheat bran, soybean oil meal, molasses, salt, ground limestone, cottonseed meal listed but not found; 1 Corn gluten feed, corn gluten meal and linseed oil meal not found though listed. Corn germ meal present though not listed.
Blue Grass 95% Grain Horse and Mule Feed, 2; 1 excess fiber.
- Garrard Mills, Lancaster, Kentucky. Inspection samples analyzed, 1.
Glen Lily Mixed Feed, 1; equaled guaranty.
- General Mills, Inc., Minneapolis, Minn., Inspection samples analyzed, 13.
Ben Hur Wheat Gray Shorts and Screenings, 1; equaled guaranty.
Larro 20% Protein Dairy Feed, 1; equaled guaranty.
Larro 17½% Protein Sow and Pig Builder, 1; equaled guaranty.
Larro 24% Protein Turkey Builder, 1; equaled guaranty.
Larro 19% Protein Chick Builder, 1; equaled guaranty.

- Washburn's Gold Medal Wheat Gray Shorts and Screenings, 1; equaled guaranty.
- Larro 18% Protein Dairy Feed, 1; equaled guaranty.
- Ben Hur Hard and Soft Wheat Red Dog, 1; equaled guaranty.
- Ben Hur Wheat Mixed Feed and Screenings, 1; deficient in protein, wheat germ meal present though not listed.
- Larro 18% Protein Egg Mash, 1; equaled guaranty.
- Larro 19% Protein Turkey Finisher, 1; equaled guaranty.
- Sonny South Wheat Gray Shorts and Screenings, 1; equaled guaranty.
- Sonny South Wheat Gray Shorts and Screenings, 1; equaled guaranty.
- Red Star Wheat Gray Shorts and Screenings, 1; equaled guaranty.
- Germantown Milling Co., Germantown, Kentucky. Inspection samples analyzed, 1.
- Wheat Mixed Feed and Screenings, 1; deficient in protein and fat.
- Edward F. Goeke Sons, Evansville, Ind. Inspection samples analyzed, 7.
- Big Gee 20% Protein Hog Feed, 1; Wheat bran and corn oil meal present though not listed, linseed oil meal and soybean oil meal not found.
- Milko 16% Protein Dairy Feed, 1; ground wheat present though not listed, much excess fiber, oat hulls, and flax plant by-product over guarantee, adulterated and misbranded.
- Big Gee Horse and Mule Feed, 1; equaled guaranty.
- AP 16% Protein All-purpose Poultry Mash, 2; 1 excess fiber; 1 ground milo present though not listed, excess fiber.
- Goeke's Ultra-Lifed Brand 16% Protein All-Mash Poultry Ration, 1; excess fiber.
- Goeke's Farm Feed, 1; Alfalfa meal and potassium iodide not found though listed.
- The Goldcamp Mill Company, Ironton, Ohio. Inspection samples analyzed, 4.
- Gold-Co Egg-O Brand 18% Protein Laying Mash, 1; very deficient in protein, linseed oil meal not found.
- Cream Flow Brand 24% Protein Dairy Feed, 1; traces of weed seeds present.
- Mil-Co 24% Protein Dairy Feed, 1; corn gluten meal not found though listed.
- Eggo 15% Protein All-Mash Growing Ration, 1; equaled guaranty.
- Grayson Milling Company, Grayson, Kentucky. Inspection samples analyzed, 2.
- Corn Byproduct Feed, 2; 1 deficient in protein and much excess fiber; inferior in quality, 1, excess fiber.
- The Gwinn Milling Co., Columbus, Ohio. Inspection samples analyzed, 1.
- Gwinn's Wheat Feed and Screenings, 1; equaled guaranty.
- Gwinn Brothers & Company, Huntington, West Virginia. Inspection samples analyzed, 14.
- Merit Brand 24% Protein Dairy Feed, 2; 1 equaled guaranty; 1 corn oil meal and peanut hulls present though not listed, corn gluten feed not found though listed, adulterated.
- Gwinn's 15% Protein Hog Feed, 1; excess fiber, wheat bran and distillers' dried grains present though not listed, unground weed seeds present, adulterated and misbranded.
- Gwinn's 80% Grain Horse Feed, 2; equaled guaranty.
- Early Lay 20% Protein Laying Mash, 1; corn gluten feed present though not listed.
- Pioneer 18% Protein Laying Mash, 1; excess fiber, corn gluten feed not found though listed, ground weed seeds present, adulterated and misbranded.

- Gwinn's Grade A 24% Protein Dairy Feed, 2; 1 cottonseed meal not found, corn gluten meal and distillers corn dried grains and solubles present though not listed.
- Gwinn's 18% Protein Pig and Hog Feed, 1; Distillers' dried grains present though not listed.
- Merit Brand 16% Protein Dairy Feed, 3; 1 cottonseed meal and malt sprouts not found.
- Gwinn's Wheat Brown Middlings and Screenings, 1; deficient in protein and fat, large amount of flour present.
- Hales & Hunter Company, Chicago, Ill. Inspection samples analyzed, 21.
- Morning Glory 17% Protein Growing Mash, 1; ground milo present though not listed.
- Pioneer 20% Protein Pig and Hog Feed, 1; equaled guaranty.
- Red Comb 18% Protein Broiler Mash, 1; equaled guaranty.
- Red Comb 13% Protein Crate Fatener, 1; deficient in fiber.
- Red Comb 18% Protein Chick Starter, 1; equaled guaranty.
- Red Comb 18% Protein Egg Mash, 1; equaled guaranty.
- Pioneer 18% Protein Dairy Feed, 3; 1 cottonseed meal not found though listed; 1 corn gluten feed and cottonseed meal not found though listed.
- Red Comb 18% Protein Universal Poultry Mash, 2; 1 Ground milo present though not listed.
- Red Comb 20% Protein Egg Mash, 3; 1 Soybean oil meal not found, corn oil meal present though not listed.
- Red Comb 22% Protein Turkey Starter, 1; equaled guaranty.
- Gold Flake 16½% Protein Dairy Feed, 3; 1 deficient in fat, cottonseed meal and potassium iodide not found; 1 cottonseed meal not found; 1 wheat bran, corn gluten feed, corn gluten meal and potassium iodide not found.
- College Brand Horse Feed, 1; equaled guaranty.
- Red Comb 16% Protein All-Mash Layer, 1; Ground milo present though not listed.
- Morning Glory 18% Protein Egg Mash, 1; corn oil and ground milo present though not listed.
- Harralson's Feed & Seed Store, Owensboro, Kentucky. Inspection samples analyzed, 2.
- Up-to-date 17% Protein Starting, Growing and Laying Mash, 1; equaled guaranty.
- Up-to-date 20% Protein Egg Mash, 1; Linseed oil meal not found though listed.
- R. L. Harrison & Sons, Bagdad, Kentucky. Inspection samples analyzed, 6.
- Harrison's Nat-Ur-Way Brand 20% Protein Laying Mash, 2; equaled guaranty.
- Harrison's Nat-Ur-Way Brand 24% Protein Dairy Feed, 1; deficient in fat.
- Harrison's Stock Feed, 1; equaled guaranty.
- 10% Protein All Purpose Feed, 1; equaled guaranty.
- Harrison's 18% Protein Starter and Growing Mash, 1; wheat bran present though not listed.
- The P. H. Harsha Milling Co., Portsmouth, Ohio. Inspection samples analyzed, 4.
- Harsha's Producto Brand 16% Protein Dairy Feed, 1; oat hull feed not found though listed, deficient in fat.
- Harsha's 18% Protein Laying Mash, 1; equaled guaranty.
- 18% Protein Pig & Hog Grower, 1; excess fiber.
- Jersey Brand 16% Protein Dairy Feed, 1; deficient in fat.
- G. M. Haycraft & Son, Leitchfield, Kentucky, Inspection samples analyzed, 1.
- Haycraft's 18% Protein Laying Mash, 1; Potassium Iodide not found.

- Haydon Mill & Grain Co., Springfield, Kentucky, Inspection samples analyzed, 4.
Economy Brand 19% Protein Laying Mash, 1; equaled guaranty.
16½% Protein Dairy Feed, 1; deficient in protein.
20% Protein Dairy Feed, 1; equaled guaranty.
Grow Quick 17% Protein Growing Mash, 1; equaled guaranty.
- The Hays City Flour Mills, Hays, Kansas, Inspection samples analyzed, 1.
Wheat Gray Shorts and Screenings, 1; excess fiber, much bran present.
- Dr. Heinz Company, Cincinnati, Ohio, Inspection samples analyzed, 12.
Heinz Nu-Way Brand 14% Protein Hog Maker, 1; equaled guaranty.
Heinz Nu-Way Brand 16% Protein Pig and Sow Ration, 1; equaled guaranty.
Heinz Nu-Way Brand 17% Growing Mash, 1; excess fiber, charcoal present though not listed.
Heinz Nu-Way Brand 18% Protein Laying Mash, 1; equaled guaranty.
Heinz Nu-Way Brand 20% Protein Chick Starter, 1; equaled guaranty.
Nu-Way Brand 24% Protein Dairy Ration, 1; equaled guaranty.
Heinz Nu-Way Brand 32% Protein Poultry Supplement, 1; excess fiber.
Heinz Nu-Way Brand 34% Protein and Mineral Pig and Hog Supplement, 2; 1 excess fiber, brewers dried grains present though not listed; 1 ground corn present though not listed, distillers' wheat dried solubles and dried whey not found.
16% Protein Sweet Dairy Ration, 2; 1 cottonseed meal present though not listed.
16% Protein Dairy Feed, 1; equaled guaranty.
- Henderson Elevator Company, Inc., Henderson, Kentucky, Inspection samples analyzed, 4.
Bullitt's 17% Protein All-Purpose Poultry Mash, 1; weed seeds present, adulterated and misbranded.
Bullitt's Jersey Cream Brand 16% Protein Dairy Feed, 1; cottonseed meal not found.
Bullitt's Best Brand Horse and Mule Feed, 1; excess fiber.
Bullitt's 20% Protein Egg Mash, 1; deficient in protein.
- Dr. Hess & Clark, Inc., Ashland, Ohio, Inspection samples analyzed, 1.
PTZ Pasture Mix, 1; Phenothiazine present, iodine not detected.
- Higginsville Flour Mill, Higginsville, Missouri, Inspection sample analyzed, 1.
Wheat Gray Shorts and Screenings, 1; deficient in protein, excess fiber.
- Home Milling Company, Greenville, Kentucky, Inspection samples analyzed, 8.
Happy Home 16% Protein Hog Ration, 2; 1 Wheat bran present though not listed, excess fiber; 1 wheat bran present though not listed.
Winter Wheat Gray Shorts and Screenings, 1 deficient in protein and fat.
Happy Home 16% Protein Dairy Feed, 1; equaled guaranty.
Champion Brand 20% Protein Laying Mash, 1; Fish meal not found though listed.
Happy Home 85% Grain Horse and Mule Feed, 1; equaled guaranty.
Happy Home Mixed Feed, 1; equaled guaranty.
Farm-wa Horse and Mule Feed, 1; deficient protein, soybean oil meal not found.
- Hopkinsville Milling Company, Inc., Hopkinsville, Kentucky, Inspection samples analyzed, 4.
Sunflower Brand 40% Protein Hog Supplement, 1; equaled guaranty.

- Life Cycle 18% Protein Poultry Mash, 1; equaled guaranty.
 Sunflower Brand 26% Protein Dairy Feed, 1; equaled guaranty.
 Wheat Bran and Screenings, 1; equaled guaranty.
- Igleheart Brothers, Inc., Evansville, Indiana, Inspection samples analyzed, 4.
 Winter Wheat Gray Shorts and Screenings, 1; deficient in protein.
 Wheat Mixed Feed and Screenings, 1; deficient in protein.
 Challenger 18% Protein Dairy Feed, 1; Cottonseed meal present though not listed, soybean oil meal not found though listed.
 Challenger 18% Protein Chick Starter, 1; Ground milo and liver meal not found.
 Wheat Bran, 1; equaled guaranty.
- Illinois Cereal Mills, Paris, Illinois, Inspection samples analyzed, 1.
 Hominy Feed, 1; excess fiber.
- Jackson Cotton Oil Mill, Jackson, Tennessee, Inspection samples analyzed, 1.
 Bell Cow 41% Protein Cottonseed Meal, 1; deficient in protein.
- Joy Milling Company, Elkton, Kentucky, Inspection samples analyzed, 1.
 Mixed Feed, 1; very deficient in protein and fat.
- The Kansas Milling Company, Wichita, Kansas. Inspection samples analyzed, 1.
 Wheat Bran and Screenings, 1; equaled guaranty.
- Kasco Mills, Toledo, Ohio, Inspection samples analyzed, 19.
 Kasco Mormilk Brand 24% Protein Dairy Ration, 2; equaled guaranty.
 Kasco 24% Protein Turkey Starter, 1; Linseed oil meal not found.
 Kasco 15% Protein All-Mash Grower, 1; Linseed oil meal not found.
 Kasco 18% Protein All-Mash Chick Starter, 1; fish meal and oat meal not found though listed.
 Apex 16% Protein Hog Feed, 1; Cottonseed meal present though not listed.
 Kasco 12% Protein Complete Rabbit Ration Pelletted, 1; equaled guaranty.
 Kasco 20% Protein Egg Producer, 2; 1 deficient in protein, linseed oil meal not found.
 Kasco 20% Protein Pig-Hog Feed, 2; Cottonseed meal and ground milo and ground wheat present though not listed, linseed oil meal not found though listed.
 Apex 18% Protein Egg Mash, 1; Corn gluten feed present though not listed.
 Kasco Sweet 16% Protein Dairy Feed, 3; 1 Corn gluten feed, corn gluten meal and soybean oil meal not found though listed, weed seeds present, excess fiber.
 Kasco 18% Protein Growing Mash, 1; Fish meal and oat meal not found though listed.
 Kasco Horse Feed, 1; equaled guaranty.
 Apex 24% Protein Dairy Feed, 1; equaled guaranty.
 Kasco 32% Protein Mixing Feed Supplement, 1; equaled guaranty.
- Keco Flour & Feed Company, McKenzie, Tennessee, Inspection samples analyzed, 3.
 Keco 17% Protein Growing Mash, 1; Corn gluten feed, corn gluten meal and linseed oil meal not found, corn bran present though not listed.
 Keco 18% Protein Laying Mash, 1; corn meal, corn gluten feed and cottonseed meal not found.
 Keco 24% Protein Dairy Feed, 1; Linseed oil meal not found though listed.

- Keller Hay & Grain Company, Newport, Kentucky, Inspection samples analyzed, 3.
Ground Oats, 1; equaled guaranty.
Ground Barley, 1; equaled guaranty.
Corn, Oats, and Barley Chop, 1; equaled guaranty.
- Spencer Kellogg and Sons, Chicago, Illinois, Inspection samples analyzed, 2.
Spencer Kellogg's 34% Protein Linseed Oil Meal, 1; equaled guaranty.
Kellogg's 41% Protein Soybean Oil Meal, 1; equaled guaranty.
- Kentucky Chemical Industries, Cincinnati, Ohio, Inspection samples analyzed, 14.
16% Protein Dairy Feed, 1; equaled guaranty.
Big V 16% Protein Dairy Feed, 1; Ground corn present though not listed, corn gluten feed, cottonseed meal, linseed oil meal and potassium iodide not found though listed.
Big V 16% Protein Sweet Dairy Feed, 1; equaled guaranty.
Provico 18% Protein Sweet Dairy Feed, 1; excess fiber.
Provico 18% Protein Pig and Hog Feed, 1; deficient in protein, cottonseed meal and brewers' dried grains present though not listed, fish meal, tankage, potassium iodide and liver meal not found though listed.
Big V 20% Protein Egg Mash, 2; 1 Cottonseed meal present though not listed, fish meal and potassium iodide not found though listed, deficient in protein; 1 linseed oil meal not found though listed, deficient in protein.
Provico 22% Protein Turkey Grower, 1; deficient in protein.
Provico 24% Protein Dairy Feed, 1; equaled guaranty.
Provico 24% Protein Sweet Dairy Feed, 2; 1 Corn gluten feed and ground oats not found, ground barley present though not listed, excess fiber, deficient in protein; 1 deficient in protein, linseed oil meal present though not listed.
Provico 25% Protein Turkey Starter, 1; much excess fiber, linseed oil meal not found.
Provico 32% Protein Dairy Supplement, 1; equaled guaranty.
Provico 20% Protein Starting and Growing Mash, 1; excess fiber.
- The Kentucky Rendering Company, Taylorsville, Kentucky, Inspection samples analyzed, 1.
Blue Grass 60% Protein Meat Scraps, 1; very deficient in protein.
- L. L. King, Metropolis, Illinois, Inspection samples analyzed, 3.
Masco 19% Protein Laying Mash, 1; excess fiber.
Masco 20% Protein Pig Feed, 1; Wheat bran present though not listed.
Masco 21% Growing Mash, 1; fish meal and potassium iodide not found, deficient in protein.
- The Kroger Grocery and Baking Co., Cincinnati, Ohio, Inspection samples analyzed, 5.
Kroger's Wesco 16% Protein Dairy Feed, 1; equaled guaranty.
Kroger's Wesco 17% Protein Starting and Growing Mash, 1; equaled guaranty.
Kroger's Wesco 20% Protein Special Egg Mash, 2; 1 Brewers' dried grains and ground oats present though not listed.
Kroger's Wesco 24% Protein Dairy Feed, 1; Linseed oil meal not found.
- Lexington Roller Mills, Lexington, Kentucky, Inspection samples analyzed, 13.
Kentucky Queen 21% Protein Turkey Growing Mash, 1; equaled guaranty.
Kentucky Queen 18% Protein Starting and Growing All-Mash, 1; equaled guaranty.

- Kentucky Queen 19% Protein Broiler Ration, 1; corn gluten feed and linseed oil meal not found though listed, deficient in protein.
- Kentucky Queen 20% Protein Double X Egg Mash, 2; 1 corn gluten feed not found though listed, ground oats present though not listed; 1 ground oats present though not listed, potassium iodide not found though listed.
- Thoroughbred 14.5% Protein Sheep Feed, 1; equaled guaranty.
- Bossie Stock Feed, 1; deficient in protein and fat.
- Thoroughbred 16% Protein Hog Ration, 1; deficient in protein and fat, tankage not found though listed.
- Thoroughbred 24% Protein Dairy Feed, 2; corn gluten meal and linseed oil meal not found though listed; 1 cottonseed meal and ground barley not found though listed.
- Thoroughbred 16% Protein Dairy Feed, 3; 1 deficient in protein and cottonseed meal not found though listed.
- G. W. Lofton and Son, Providence, Kentucky, Inspection samples analyzed, 3.
- Lofton's 16% Protein Special Dairy Feed, 3; equaled guaranty.
- Loretto Mills Company, Loretto, Kentucky, Inspection samples analyzed, 1.
- Wheat Mixed Feed and Screenings, 1; deficient in protein and fat.
- L. B. Lovitt and Company, Memphis, Tennessee, Inspection samples analyzed, 2.
- Lovit Brand 41% Protein Cottonseed Meal, 1; deficient in protein.
- Lovit Brand 43% Protein Cottonseed Meal, 1; deficient in protein and fat, excess fiber.
- Madison Flour Mills, Madison, Indiana, Inspection samples analyzed, 1.
- Mixed Feed, 1; equaled guaranty.
- Mariana Sales Company, Memphis, Tennessee, Inspection samples analyzed, 2.
- White Mule Brand 41% Protein Cottonseed Meal, 1; equaled guaranty.
- White Mule Brand 43% Protein Cottonseed Meal, 1; equaled guaranty.
- Mayfield Milling Company, Mayfield, Kentucky. Inspection samples analyzed, 1.
- White Chester 19% Protein Hog Grower and Fattener, 1; Cottonseed meal present though not listed.
- Mayfield Sweet Feed Mill, Mayfield, Kentucky, Inspection samples analyzed, 2.
- State Leader 16% Protein Dairy Feed, 1; equaled guaranty.
- State Leader 40% Protein Hog Supplement, 1; equaled guaranty.
- Mayflower Mills, Ft. Wayne, Indiana, Inspection samples analyzed, 1.
- Mayflower Wheat Brown Middlings and Screenings, 1; deficient in protein.
- McGinnis Company, Huntington, W. Va. Inspection samples analyzed, 2.
- Reliable Brand 18% Protein Laying Mash, 1; equaled guaranty.
- Reliable Brand 20% Protein Dairy Feed, 1; Soybean oil meal not found, corn oil meal present though not listed.
- McMillen Feed Mills, Ft. Wayne, Ind., Inspection samples analyzed, 2.
- Master Mix M-V Brand 35% Protein Sow and Pig Supplement, 1; Potassium Iodide not found.
- Master Mix Rabbit Pellets, 1; linseed oil meal and potassium iodide not found, excess fiber.
- Middlesboro Milling Co., Middlesboro, Kentucky, Inspection samples analyzed, 4.
- Reliable Brand 24% Protein Dairy Feed, 2; 1 much deficient in protein, corn gluten meal present though not listed; 1 deficient in protein, distillers' corn dried grains present though not listed.

- Hard to Beat Feed, 1; ground yellow corn not found though listed.
Hi-Grade Brand Feed, 1; equaled guaranty.
- The Midland Flour Milling Company, No. Kansas City, Missouri, Inspection samples analyzed, 2.
Town Crier Wheat Bran, 1; equaled guaranty.
Town Crier Wheat Gray Shorts and Screenings, 1; equaled guaranty.
- Midwest Industries, Inc., Louisville, Kentucky, Inspection samples analyzed, 1.
41% Protein Soybean Oil Meal, 1; equaled guaranty.
- Miller Cereal Mills, Omaha, Nebraska, Inspection samples analyzed, 1.
Hominy Feed, 1; equaled guaranty.
- Model Mills, Georgetown, Kentucky, Inspection samples analyzed, 2.
Best Brand Mixed Feed, 2; 1 Corn bran not found, deficient in fat.
- Roscoe Morris, Somerset, Kentucky, Inspection samples analyzed, 1.
17% Protein Hog Fattener Feed, 1; equaled guaranty.
- Moorman Manufacturing Company, Quincy, Illinois, Inspection samples analyzed, 1.
Moorman's 50% Protein and Mineral Hog Supplement with irradiated yeast, 1; iodine not found though listed.
- Mountain City Mill Company, Chattanooga, Tennessee, Inspection samples analyzed, 2.
Prize Winner Brand 17% Protein Hog Feed, 1; ground milo present though not listed.
Blue Cow 16% Protein Feed, 1; equaled guaranty.
- Mt. Vernon Milling Company, Mt. Vernon, Indiana, Inspection samples analyzed, 1.
Poco Hominy Feed, 1; equaled guaranty.
- Munfordville Milling Company, Munfordville, Kentucky, Inspection samples analyzed, 1.
Mixed Feed, 1; equaled guaranty.
- Murphy Grain & Milling Co., Owensboro, Kentucky, Inspection samples analyzed, 1.
Aiolite 15½% Protein All-Purpose Poultry Mash, 1; Fish meal not found though listed, ground wheat present though not listed.
- Myers and Clark, Ashland, Kentucky, Inspection samples analyzed, 14.
Ideal Brand 17% Protein Hog and Pig Ration, 1; Distillers' solubles not found.
Ideal Brand 17% Protein Broiler Mash, 1; equaled guaranty.
Ideal Brand 18% Protein All Mash Starter and Grower, 1; equaled guaranty.
Ideal Brand 18% Protein Dairy Feed, 2; 1 ground wheat present though not listed; 1 ground wheat and ground barley present though not listed, very deficient in protein.
Ideal Brand 18% Protein Laying Mash, 2; 1 Soybean oil meal not found, ground oats and ground wheat present though not listed.
Ideal Brand 20% Protein Laying Mash, 2; 1 Soybean oil meal not found, deficient in protein and fat.
M & C 20% Protein Hog and Pig Mix, 2; 1 wheat bran and distillers' dried grains and ground wheat present though not listed, corn gluten feed, cottonseed meal and soybean oil meal not found, deficient in protein; 1 cottonseed meal not found though listed, peanut hulls and distillers' dried solubles present though not listed, deficient in protein, adulterated.
M & C 24% Protein Dairy Feed, 3; 1 ground oats present though not listed; 1 very deficient in protein, misbranded; 1 deficient in protein.

- Nashville Cotton Oil Mill Corporation, Nashville, Tennessee, Inspection samples analyzed, 1.
43% Protein Soybean Oil Meal, 1; equaled guaranty.
- National Milling Branch of the National Biscuit Co., Toledo, Ohio, Inspection samples analyzed, 1.
Namico Wheat Gray Middlings and Screenings, 1; deficient in protein.
- National Oats Company, E. St. Louis, Illinois, Inspection samples analyzed, 15.
Corno 15% Protein Hog Fattener, 2; 1 potassium iodide not found though listed; 1 Cottonseed meal and potassium iodide not found.
Corno 16% Protein Dairy Feed, 3; 1 Cottonseed meal not found.
Corno 17% Protein Chick Starting and Growing Mash, 1; Potassium iodide not found though listed.
Corno 18% Protein Broiler Ration, 1; potassium iodide not found though listed.
Nutro 18% Protein Egg Mash, 1; potassium iodide not found though listed.
Corno 18% Protein Laying Mash, 2; 1 Alfalfa stem meal present though not listed, potassium iodide not found though listed, adulterated.
Corno 24% Protein Dairy Feed, 2; 1 ground oats present though not listed.
Corno 24% Protein Dairy supplement, 2; 1 corn gluten meal and linseed oil meal not found.
Corno 40% Protein Hog Supplement, 1; equaled guaranty.
- Nebraska Consolidated Mills Co., Omaha, Nebraska, Inspection samples analyzed, 1.
Wheat By-product Feed and Screenings, 1; equaled guaranty.
- The New Era Milling Company, Arkansas City, Kansas, Inspection samples analyzed, 2.
Polar Bear Wheat Gray Shorts and Screenings, 2; 1 deficient in fat.
- North American Feed Company, Louisville, Kentucky, Inspection samples analyzed, 2.
Nafco Ground Barley, 1; ground soybeans and soybean hulls present though not listed, excess fiber, misbranded and adulterated.
Nafco Special Hard Wheat Mill Feed, 1; equaled guaranty.
- North American Fertilizer Company, Louisville, Kentucky, Inspection samples analyzed, 1.
Badger Hominy Feed, 1; equaled guaranty.
- Charles Nunn and Sons Milling Company, Evansville, Indiana, Inspection samples analyzed, 12.
Sweet Sixteen 16% Protein Dairy Feed, 2; equaled guaranty.
Nunn-Better 17% Protein Poultry All-Mash, 3; 1 excess fiber.
Nunn-Better 17% Protein Poultry All-Mash with Cod Liver Oil, 1; equaled guaranty.
Nunn-Better 20% Protein Egg Mash, 2; 1 Linseed oil meal not found.
Nunn-Better Brand 20% Protein Pig and Shoat Ration, 1; Linseed oil meal not found.
Nunn-Better 24% Protein Dairy Feed, 1; Linseed oil meal not found.
Nunn-Better 35% Protein Hog Supplement, 2; equaled guaranty. 1 deficient in protein.
- Ohio Valley Soy Bean Co-operative, Henderson, Kentucky, Inspection samples analyzed, 4.
Cardinal 41% Protein Soybean Oil Meal, 4; equaled guaranty.
- Owensboro Grain Company, Inc., Owensboro, Kentucky, Inspection samples analyzed, 1.
39% Protein Soybean Oil Meal and Minerals, 1; deficient in calcium.

- Owensboro Milling Company, Inc., Owensboro, Kentucky, Inspection samples analyzed, 12.
TruTest Horse Feed, 1; equaled guaranty.
TruTest Brand 24% Protein Dairy Feed, 2; 1 deficient in protein; 1 deficient in protein and fat.
D & H Stock Feed, 2; equaled guaranty.
True Test 19% Protein Starting Mash, 1; corn oil meal present though not listed.
Wheat Mixed Feed and Screenings, 1; equaled guaranty.
TruTest 17% Protein All Purpose Poultry Mash, 2; equaled guaranty.
TruTest 18½% Protein Growing Mash, 1; equaled guaranty.
True Test Brand 20% Protein Laying Mash, 1; ground wheat present though not listed.
TruTest 21½% Protein Laying Mash, 1; equaled guaranty.
- Pan American Mills, Bowling Green, Kentucky, Inspection samples analyzed, 1.
Mixed Feed, 1; deficient in protein, corn bran present though not listed.
- S. T. Pease, Jr. and Co., Memphis, Tennessee, Inspection samples analyzed, 1.
Pease 41% Protein Cottonseed Meal, 1; deficient in protein.
- Peer Mill and Elevator, Salisbury, Mo., Inspection samples analyzed, 1.
Screened Corn Chops, 1; equaled guaranty.
- Pembroke Roller Mills, Pembroke, Ky., Inspection samples analyzed, 1.
Mixed Feed, 1; equaled guaranty.
- Perfection Foods Company, Battle Creek, Michigan, Inspection samples analyzed, 1.
Perfection Brand 14% Protein Dog Feed, 1; excess fiber.
- Perkins Oil Company, Memphis, Tenn., Inspection samples analyzed, 2.
Golden Rod 41% Protein Cottonseed Meal, 2; equaled guaranty.
- Ph. H. Postel Milling Co., Mascoutah, Ill., Inspection samples analyzed, 5.
Elegant Wheat Gray Shorts and Screenings, 1; equaled guaranty.
Elegant 16% Protein Dairy Ration, 1; much excess fiber.
Elegant Brand 24% Protein Dairy Ration, 3; 1 corn gluten feed and corn gluten meal not found; 1 cottonseed meal not found, ground soybean present though not listed.
- Pratt Food Company, Hammond, Ind., Inspection samples analyzed, 1.
Pratt's Complete Brand 14% Protein Rabbit Pellets, 1; equaled guaranty.
- Purcell's Seed Company, Incorporated, Evansville, Ind., Inspection samples analyzed, 5.
Purcell's 16% Protein All-Mash Poultry Ration, 1; ground corn not found, ground wheat present though not listed, deficient in fat, excess fiber.
Purcell's 20% Protein Pig and Sow Ration, 1; deficient in protein.
Judge 35% Protein Shoat and Hog Supplement, 3; equaled guaranty.
- The Quaker Oats Company, Chicago, Ill., Inspection samples analyzed, 31.
Quaker Brand Green Cross Horse Feed, 3; equaled guaranty.
Quaker Schumacher Sweet Feed, 4; 1 ground milo present though not listed; 1 much excess fiber; 1 ground corn present though not listed.
Quaker 16% Protein Dairy, 4; 1 ground milo not found though listed; 1 ground corn and ground oats present though not listed, linseed oil meal, ground barley and ground milo not found though listed.
Victor Economy Brand 16% Protein Dairy Feed, 2; 1 cottonseed meal not found.

- Ful-O-Pep 16% Protein Dairy Feed, 1; linseed oil meal and fish meal not found.
- Ful-O-Pep 17% Protein Pig-N-Sow Feed, 1; equaled guaranty.
- Ful-O-Pep 19% Protein Broiler Mash, 2; 1 excess fiber.
- Ful-O-Pep 20% Protein Dairy Ration, 2; 1 fish meal not found.
- Ful-O-Pep 32% Protein Dairy Ration Supplement, 2; 1 fish meal not found, 1 linseed oil meal not found.
- Quaker 24% Protein Dairy Ration, 2; equaled guaranty.
- Ful-O-Pep 17% Protein Chick Starter, 1; equaled guaranty.
- Ful-O-Pep 19% Protein Growing Mash, 2; 1 fish meal not found though listed.
- Ful-O-Pep 20% Protein Egg-Breeder Mash, 1; ground corn present though not listed, fish meal not found though listed, deficient in protein.
- Big Egg 20% Protein Laying Mash, 1; equaled guaranty.
- Ful-O-Pep 20% Protein Laying Mash, 1; equaled guaranty.
- Ful-O-Pep 16% Protein Pig-N-Sow Feed, 1; equaled guaranty.
- Big Egg 17% Protein Chick Starter-Growing Mash, 1; equaled guaranty.
- Ralston-Purina Company, St. Louis, Mo., Inspection samples analyzed, 34.
- Purina Omolene, 1; equaled guaranty.
- Purina 12½% Protein Dry and Freshening Chow, 3; equaled guaranty.
- Purina 13½% Protein Rabbit Chow Meal (Complete Ration), 1; equaled guaranty.
- Purina 14% Protein Hog Fatena, 1; deficient in fat.
- Purina 15½% Protein All-Mash Layena (Complete Ration), 2; equaled guaranty.
- Purina 16% Protein Milk Chow, 5; 1 cottonseed meal not found though listed; 1 corn gluten feed not found.
- Protana Brand 16% Protein Dairy Feed, 3; 1 cottonseed meal not found, molasses present though not listed; 1 urea not found though listed; 1 cottonseed meal not found though listed.
- Purina 17% Protein Chick Growena All-Mash, 1; equaled guaranty.
- Purina 18% Protein Lay Chow, 3; 1 ground grain soybean not found though listed.
- Purina 18% Protein Cow Chow, 1; equaled guaranty.
- Purina 18% Protein Broiler Chow, 2; 1 ground milo present though not listed; 1 ground sorghum seed not found though listed, excess fiber.
- Purina 18% Protein Turkey Growena, 1; equaled guaranty.
- Purina 19½% Protein Calf Startena, 1; equaled guaranty.
- Purina 20% Protein Steer Fatena, 1; equaled guaranty.
- Purina 22% Protein Lay Chow, 2; equaled guaranty.
- Purina 23% Protein Chick Growing Chow, 1; equaled guaranty.
- Purina 24% Protein Cow Chow, 2; 1 ground corn present though not listed; 1 corn gluten feed not found.
- Purina 24% Protein Turkey Startena, 1; equaled guaranty.
- Purina 26% Protein Turkey Growing Chow, 1; equaled guaranty.
- Purina 34% Protein Cow Chow Supplement, 1; corn gluten feed not found.
- Purina 36% Protein Poultry Chowder Supplement, 1; wheat bran, wheat middlings, and linseed oil meal not found, ground wheat present though not listed.
- R. D. Riedling, Louisville, Ky., Inspection samples analyzed, 1.
- Magnolia 24% Protein Dairy Feed, 1; equaled guaranty.
- Riverside Oil Mill, Marks, Miss., Inspection samples analyzed, 1.
- Expello Brand 41% Protein Cottonseed Meal, 1; deficient in protein, excess fiber, adulterated with hulls.

- Robinson Milling Company, Somerset, Ky., Inspection samples analyzed, 1.
Mixed Feed, 1; deficient in protein, ground corn present though not listed.
- Ross Feed Company, Murray, Ky., Inspection samples analyzed, 1.
Standard Brand 17% Protein Hog Fattener, 1; wheat bran and ground wheat present though not listed.
- Rush County Mills, Rushville, Ind., Inspection samples analyzed, 3.
RCM 16% Protein All-Mash, 1; equaled guaranty.
RCM 20% Protein Egg Mash, 1; fish meal and meat scraps not found though listed, soybean oil meal present though not listed.
RCM 24% Protein Turkey Starting Mash, 1; equaled guaranty.
- Salt Lick Roller Mills, Salt Lick, Ky., Inspection samples analyzed, 1.
Perfect Brand X Mixed Feed, 1; deficient in protein.
- Sandusky Brothers, Harrodsburg, Ky., Inspection samples analyzed, 1.
Mixed Feed, 1; deficient in protein.
- Schultz, Baujan and Company, Beardstown, Ill., Inspection samples analyzed, 6.
Critic Brand 16% Protein Dairy Feed, 1; cottonseed meal not found.
Critic 18% Protein Growing Mash, 1; equaled guaranty.
Critic 18% Protein Pig and Hog Meal, 1; deficient in protein.
Critic 18% Protein Starting and Growing Mash, 1; potassium iodide not found though listed.
Critic 20% Protein Egg Mash, 1; equaled guaranty.
Critic Wheat Bran, 1; equaled guaranty.
- Scientific Milling Company, E. St. Louis, Ill., Inspection samples analyzed, 3.
Scientific Brand 18% Protein Laying Mash, 3; 1 ground barley present though not listed.
- Joseph E. Seagram and Sons, Louisville, Ky., Inspection samples analyzed, 1.
Seagram's 24% Protein Distillers Wheat Dried Grains, 1; equaled guaranty.
- The Security Mills, Knoxville, Tenn., Inspection samples analyzed, 1.
Wheat Gray Shorts, 1; deficient in protein, excess fiber.
- The Security Flour Mills Company, Abilene, Kan., Inspection samples analyzed, 4.
Big S Horse Feed, 1; equaled guaranty.
Security 16% Protein Big Hog Feed, 1; ground wheat present though not listed.
Security 20% Protein Egg Mash, 1; fish meal not found though listed.
Security 24% Protein Dairy Feed, 1; equaled guaranty.
- Sherwin-Williams Company, Cleveland, Ohio, Inspection samples analyzed, 1.
Sherwin-Williams 34% Protein O. P. Linseed Oil Meal, 1; equaled guaranty.
- The Shellabarger Mill and Elevator Company, Salina, Kansas, Inspection samples analyzed, 1.
Wheat Mixed Feed and Screenings, 1; equaled guaranty.
- J. Allen Smith and Company, Knoxville, Tenn., Inspection samples analyzed, 2.
Peerless Brand Feed, 1; equaled guaranty.
Blue Belle Stock Feed, 1; equaled guaranty.
- Woodford Spears and Sons, Paris, Ky., Inspection samples analyzed, 4.
Bourbon 24% Protein Dairy Feed, 1; cottonseed meal present though not listed.
Bourbon 14½% Protein Sheep Feed, 1; equaled guaranty.

- Bourbon 18% Protein Dairy Feed, 1; equaled guaranty.
Bourbon Horse and Mule Feed, 1; equaled guaranty.
- The George T. Stagg Company, Frankfort, Ky., Inspection samples analyzed, 3.
28% Protein Distillers Corn Dried Grains, 2; deficient in protein.
28% Protein Distillers Corn-Milo Dried Grains, 1; equalled guaranty.
- A. E. Staley Manufacturing Company, Decatur, Ill., Inspection samples analyzed, 4.
Staley's 41% Protein Soybean Oil Meal, 4; equaled guaranty.
- Staley's Milling Company, Kansas City, Mo., Inspection samples analyzed, 1.
Staley's Pro-Lass Brand 35% Protein Pig and Hog Supplement, 1; equaled guaranty.
- Standard Milling Company, Elkton, Ky., Inspection samples analyzed, 2.
Mixed Feed, 2; equaled guaranty.
- Star Milling Company, Inc., Clinton, Ky., Inspection samples analyzed, 1.
Tenn. Special Brand 16% Protein Dairy Feed, 1; equaled guaranty.
- Sun-Ray Feed Mills, Lexington, Ky., Inspection samples analyzed, 11.
Booster 13% Protein Mixed Feed, 1; equaled guaranty.
Booster 16% Protein Dairy Feed, 2; 1 very deficient in protein, wheat bran not found, ground oats present though not listed; 1 excess fiber, wheat bran, wheat middlings and corn gluten feed not found, distillers' dried grains present though not listed.
Booster 24% Protein Dairy Feed, 1; equaled guaranty.
Sun-Ray 24% Protein Dairy Feed, 1; deficient in protein, much excess fiber, linseed oil meal not found.
Bell Ringer 16% Protein Dairy Feed, 1; deficient in protein and fat, ground milo not found, ground wheat present though not listed.
Booster 18% Protein Pig and Hog Feed, 1; equaled guaranty.
Sun-Ray 20% Protein Laying Mash, 1; linseed oil meal not found.
Booster Stock Feed, 1; equaled guaranty.
Sun-Ray 18% Protein Broiler Ration, 1; excess fiber.
Sun-Ray 16% Dairy Feed, 1; equaled guaranty.
- Sun-Ray Feed Mills, Bowling Green, Ky., Inspection samples analyzed, 4.
Booster 16% Protein Stock Feed, 3; 1 cottonseed meal present though not listed, deficient in protein; 1 deficient in protein, corn gluten feed not found though listed, inferior to guaranty.
- Sunshine Feed Store, Louisville, Ky., Inspection samples analyzed, 5.
Derby City 15% Protein Sheep and Lamb Feed, 2; equaled guaranty.
Derby City 16% Protein Hog Ration, 1; much excess fiber, soybean hulls and ground soybeans present though not listed, adulterated with soybean hulls.
Derby City 18% Protein Egg Mash, 1; excess fiber.
Derby City 24% Protein Dairy Feed, 1; equaled guaranty.
- D. B. Sutherland and Sons, Bloomfield, Ky., Inspection samples analyzed, 2.
Kentucky Star Brand 15% Protein Hog Feed, 1; wheat bran present though not listed, cottonseed meal and linseed oil meal not found.
Corn Byproduct Feed, 1; deficient in fat, excess fiber.
- Sweet Feed Mills, Inc., Bowling Green, Kentucky, Inspection samples analyzed, 6.
Ace 17% Protein Growing Mash, 1; excess fiber.
Ace Horse and Mule Feed, 1; equaled guaranty.
Ace 16% Protein Dairy Feed, 4; 2 deficient in fat; 1 deficient in protein and fat, excess fiber, cottonseed meal not found though listed, inferior to guaranty, misbranded.

- Sweet Feeds, Hopkinsville, Ky., Inspection samples analyzed, 3.
Sweet Mix 16% Protein Dairy Feed, 3; 1 deficient in fat, excess fiber, misbranded; 1 much excess fiber and slightly deficient in fat; 1 excess fiber.
- Swift and Company, Cairo, Ill., Inspection samples analyzed, 5.
Cotton Bloom Brand 41% Protein Cottonseed Meal, 3; 1 much excess fiber.
Swift's 43% Protein Soybean Oil Meal, 2; equaled guaranty.
- Tell City Flouring Mills, Tell City, Ind., Inspection samples analyzed, 5.
Hoosier Special Mixed Feed, 2; 1 wheat distillers' dried grains not found, excess fiber; 1 much excess fiber.
Hoosier 15% Protein All-Mash Poultry Ration, 1; corn gluten feed and fish meal not found.
Hoosier 18% Protein Egg-producer Mash, 2; 1 deficient in protein.
- Topeka Flour Mills Corporation, Salina, Kan., Inspection samples analyzed, 2.
14% Protein Pig and Hog Feed, 1; equaled guaranty.
K-Y Wheat Gray Shorts, 1; equaled guaranty.
- Thomson's Mills, Madisonville, Ky., Inspection samples analyzed, 1.
Thomson's Ideal 16% Protein Dairy Feed, 1; deficient in protein and fat.
- The Ubiko Milling Company, Cincinnati, Ohio, Inspection samples analyzed, 29.
Crusader Horse Feed, 1; equaled guaranty.
Corn Meal, 1; excess fiber.
Sunbeam 20% Protein Laying Mash, 1; equaled guaranty.
Clover Bloom Sweet 16% Protein Dairy Feed, 1; equaled guaranty.
Life Guard 16% Protein All-Mash Laying Ration, 1; excess fiber.
Life Guard 20% Protein Turkey Growing Mash, 1; corn gluten meal and fish meal not found.
Life Guard 18% Protein All-Mash Starter, 1; equaled guaranty.
Clover Bloom 16% Protein Dairy Feed, 2; 1 corn gluten feed not found, oat hull feed present though not listed, excess fiber, misbranded and adulterated.
Life Guard 12% Protein Rabbit Pellets, 1; equaled guaranty.
Life Guard 16% Protein Pig and Sow Ration, 2; 1 ground barley not found though listed, excess fiber.
Life Guard 16% Protein All-Mash Developer, 2; equaled guaranty.
Life Guard 16% Protein All-Mash Laying Ration, 1; corn gluten meal not found though listed.
Life Guard 16% Protein Turkey All-Mash Growing Ration, 1; equaled guaranty.
Life Guard 17% Protein Calf Starter, 1; fish meal not found though listed.
Life Guard 18% Protein Broiler Ration, 1; equaled guaranty.
Life Guard 19% Protein Broiler Ration, 1; ground corn present though not listed.
Life Guard 20% Protein Egg and Breeder Mash, 1; excess fiber, corn gluten meal not found.
Life Guard 25% Protein Turkey Starter, 1; deficient in protein.
Honeycomb Life Guard 12% Protein Fitting Ration, 2; equaled guaranty.
Union Grains Life Guard 20% Protein Dairy Ration, 3; 2 linseed oil meal not found though listed.
Union Grains Life Guard 24% Protein Dairy Ration, 2; equaled guaranty.
Union Grains Life Guard 32% Protein Dairy Supplement, 1; equaled guaranty.

- Valier & Spies Milling Co., St. Louis, Mo., Inspection samples analyzed, 1.
Wheat Gray Shorts and Screenings, 1; high in fiber.
- The Walnut Creek Milling Company, Great Bend, Kansas, Inspection samples analyzed, 1.
Wheat Gray Shorts and Scourings, 1; equaled guaranty.
- Walton Feed Mills, Walton, Kentucky, Inspection samples analyzed, 2.
Big Bone Horse and Mule Feed, 2; 1 excess fiber, linseed oil meal not found, distillers' dried solubles present though not listed; 1 excess fiber.
- Warren County Mill, Bowling Green, Kentucky, Inspection samples analyzed, 1.
Stock Mixed Feed, 1; deficient in protein and fat, meat scraps present though not listed.
- Washington Co. Feed Store, Springfield, Kentucky, Inspection samples analyzed, 2.
Washington Co. 14% Protein Sheep Feed, 1; equaled guaranty.
Washington Co. 20% Protein Laying Mash, 1; deficient in protein, linseed oil meal present though not listed.
- Weisenberger Sanitary Flour Mills, Midway, Kentucky, Inspection samples analyzed, 1.
Repeater Feed, 1; equaled guaranty.
- Wiedlocher & Sons, Springfield, Ill., Inspection samples analyzed, 12.
Faultless Brand 16% Protein Pig and Hog Feed, 1; equaled guaranty.
Faultless Brand 18% Protein Starting and Growing Mash, 1; equaled guaranty.
Faultless Brand 20% Protein Egg Mash, 1; equaled guaranty.
Congress 16% Protein Dairy Feed, 3; 1 cottonseed meal not found.
Red Bird 18% Protein Egg Mash, 1; equaled guaranty.
Red Bird 18% Protein Laying Mash, 1; equaled guaranty.
Faultless Brand 18% Protein Growing Mash, 1; equaled guaranty.
Faultless Brand 20% Protein Pig and Sow Meal, 1; equaled guaranty.
Faultless Brand 24% Protein Dairy Feed, 1; cottonseed meal not found.
Faultless Brand 35% Protein Hog Supplement, 1; cottonseed meal not found though listed.
- Williamstown Roller Mills, Williamstown, Kentucky, Inspection samples analyzed, 1.
Our Own 16% Protein Pig and Sow Meal, 1; deficient in protein.
- Winchester Milling Company, Winchester, Kentucky, Inspection samples analyzed, 3.
Perfection Brand Feed, 2; 1 ground oats present though not listed, deficient in protein and fat; 1 very deficient in protein, excess corn bran.
Screened Cracked Corn, 1; deficient in fat.
- Winn & Tobin Milling Company, Leitchfield, Kentucky, Inspection samples analyzed, 2.
Daisy 17% Protein Starter and Grower, 1; equaled guaranty.
Daisy 18% Protein Laying Mash, 1; ground oats present though not listed.
- Winn Milling Company, Greensburg, Kentucky, Inspection samples analyzed, 3.
Daisy 17% Protein Starter and Grower, 1; equaled guaranty.
Daisy 18% Protein Laying Mash, 2; 1 cottonseed meal present though not listed, deficient in protein.