

Kentucky Agricultural Experiment Station
UNIVERSITY OF KENTUCKY

COMMERCIAL FEEDS IN KENTUCKY IN 1935

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There was marked improvement in the feed business during 1935 as compared with that of 1934 and the years immediately preceding. Not since 1930 was there such a demand from feeders and manufacturers for information on feeds. Increased consumption of feedstuffs in 1935 over that of 1934 approximated 40,000 tons.

Interest in the many varieties of materials used as feedstuffs was widespread as shown by requests for information and analyses. Formerly, only the protein, fat and fiber determinations were wanted; now, the complete feeding stuffs analysis which includes water, ash and nitrogen-free extract is requested.

DOG FOODS

Canned dog foods have come into prominence, and during the last year or two a tremendous trade in this product has developed. In some instances the names of dog foods are misleading as to composition. The ingredients are incorrectly stated and the claims for food value are extravagant. In addition to extravagant statements, such statements as "Government Inspected", "Fit for human food", are often printed on the labels.

A large amount of canned dog food is consumed by needy folk. It is estimated that 20 to 35 percent of it is used in this way. If this is true, a tremendous amount is consumed as human food, as canned dog food ranked first in canned goods in 1934.

A general inspection of dog foods was made. Eighty-five samples were taken for analysis. The results showed some of the products to be short in net weight, the ingredients not as guaranteed and the water content excessive, ranging from 70 to 85 percent of the product. The purchaser of these products pays not only an enormous amount for the water content but a similarly large amount in freight charges on this water in shipments from California and distant points in the west, New York and like points in the east, and Chicago and like points in the north, where most of these foods are made.

LESPEDEZA HAYS

Complete analyses were made of thirty-four samples of lespedeza hay of different varieties, grown in different localities in the state, to determine the nutrient and mineral contents. These samples were systematically collected under the direction of the Department of Agronomy. The results of the analyses are interesting. The type of soil, its use previous to the growing of lespedeza, the kind of crops and fertilizer used in growing them, bear upon the wide variation of results. Of this group of analyses, the lowest and highest results were: Protein, lowest 9.44 percent, highest 18.45 percent; fat, lowest 2.74 percent, highest 5.33 percent; fiber, lowest 22.10 percent, highest 35.00 percent; ash, lowest 3.67 percent, highest 6.73 percent; nitrogen-free extract, lowest 42.54 percent, highest 56.89 percent; silicon, Si, lowest 0.11 percent, highest 0.50 percent; phosphorus, P, lowest 0.10 percent, highest 0.28 percent; calcium, Ca, lowest 0.73 percent, highest 1.47 percent.

It is significant that all the hays from the poorer soils were low in phosphorus and calcium and that most of them were low in protein. The hays from the good soils, on the contrary, may be considered to have a protein, phosphorus and calcium content sufficient for nutritional needs.

Results in detail are being prepared for publication in a circular of the Experiment Station.

DISTILLERS' AND BREWERS' DRIED GRAINS

Distillers' dried grains are produced from the manufacture of distilled liquors and alcohol from cereals. They differ in nutrient properties according to the kinds and proportions of grain used. If the proportion of the corn is 90 percent, as in making straight corn whisky and alcohol, the dry residue contains 30 to 35 percent protein, an exceedingly rich feed. If a large proportion of some other grain, such as rye, is used with corn, the percentages of protein and fat are diminished and that of fiber is increased. Distillers' dried grains are divided into two groups: distillers' corn dried grains and distillers' rye dried grains.

Distillers' corn dried grains are higher in value than distillers' rye dried grains and range from 27 to 32 and even as high as 35 percent protein. They are rich in fat, to an average of about 10 percent, with not more than 11 percent fiber. The average digestion coefficient is 73 percent of the protein, 97 percent of the fat and 83 percent of the fiber. They are desirable feeds for dairy cattle and are chiefly used for this purpose. They may also be used satisfactorily as a protein supplement in feeding beef cattle and sheep and to some extent in feeding horses.

Distillers' rye dried grains are produced when the grain mixture used in making whisky contains 51 percent or more of rye. The protein and fat diminish and fiber increases in direct proportion to the amount of rye used, running as low as 16 percent protein and 5 percent fat, with as high as 20 percent fiber, on maximum use of rye. Rye grains are much lower in total amount of digestible nutrients than corn grains and therefore much lower in value.

Brewers' dried grains is the dried residue obtained in the manufacture of beer. The analysis, dependent on the quality and variety of barley, varies from 16 to 25 percent protein, 4 to 7 percent fat and 13 to 17 percent fiber. The average digestion coefficients are 81 percent of the protein, 89 percent of the fat

and 49 percent of the fiber. The use is chiefly as feed for dairy cows, beef cattle, and sheep.

VIOLATIONS

More violations and prosecutions under the feed law were made during 1935 than in several previous years combined. This was the result of the return to a normal demand and to the high prices of feeds. Many manufacturers took advantage of better conditions and attempted to adulterate and misbrand feeds for gain. The Department used drastic means to prevent such frauds. It prosecuted, held up sales and forced the withdrawal of such feeds from the market in the State and cancelled registrations of adulterated and misbranded feeds.

Manufacturers of filler feeds, particularly of the group of 16-percent-protein dairy feeds, were the worst offenders. Seven cars of feeds from one manufacturer, three from another, one each from two others, and many smaller shipments from other manufacturers were withdrawn from the market in the State on account of adulteration and misbranding.

Other forms of adulteration and misbranding were found. Synthetic hominy feeds containing excess corn bran, and corn feed meal made of inferior corn and corn screenings were found. Cottonseed meals containing excess fiber because of too much added cottonseed hulls were frequently found. Wheat feeds were less free from misbranding than usual.

FILLERS

Besides the fillers commonly used, such as oat hulls, corn bran, cottonseed hulls, chaff, alfalfa stem meal, lespedeza stem meal, screenings and screenings waste, etc., new industries have produced new byproducts, many of which are being used as fillers for stock feeds. The distilleries and breweries have recently produced a large volume of very desirable feeds in the form of distillers' dried grains and brewers' dried grains. In addition to these products, they have produced what they call "distillers' screenings" and "brewers' floats" or "barley floats" or "brewers' skimmings" in preparing the different grains for mashing. The distillers' screenings consist of inferior and

decayed grain, cob, weed seeds, chaff and hulls. This material is ground and sometimes used in mixed feeds under the name of corn feed meal. The barley floats or barley skimmings consist of barley hulls, light and immature barley grains, weed seeds and foreign material. This material has a decided brewery odor and when ground and mixed with other materials is difficult to distinguish from brewers' dried grains. It is used as a substitute for brewers' dried grains.

SCREENINGS

Screenings consist of materials obtained in the process of cleaning grain and seed, such as inferior, light or broken grains, weed seeds, hulls, chaff, joints, straw, elevator dust, floor sweepings.

Screenings Refuse or Screenings Waste is a mixture of materials of little or no feeding value, which may be injurious as a feed, obtained in the process of cleaning grain and seed, or in cleaning screenings; such as weed seeds which may be unpalatable or injurious, chaff, hulls, straw, sticks, joints, elevator dust, floor sweepings, sand and dirt.

Screenings and Screenings Refuse or Waste vary greatly in composition and quality. Their value may be considerable or small or they may be even dangerous because of the poisonous weed seeds, fungi and inert material as sand and dirt.

Some poisonous weed seeds and fungi are likely to occur in feeds containing screenings and screenings refuse or screenings waste. The most dangerous ones are:

Barley scab (*Gibberella saubinettii*).

Cockle (*Agrostemma githago*). This weed seed is commonly known as corn cockle.

Cocklebur (*Xanthium glabratum* and *X. canadense*).

Ergot of rye and grasses (*Claviceps purpurea*).

Jimson weed (*Datura stramonium* and *D. tatula*).

Larkspur (*Delphinium ajacis*).

Moldy corn (due to *Gibberella saubinettii* and other fungi).

Sneezeweed (*Helenium autumnale*).

Spotted hemlock (*Conium maculatum*).

STANDARDS OF QUALITY

Standards of quality established under the feed law of Kentucky, for all feeds, are regarded as high by comparison with standards of other states, especially the standards for special-purpose feeds. The standards, requirements, and limitations, are given for reference under the discussion of analyses and summary of results which follow:

CHEMICAL STANDARDS

	Minimum Protein Percent	Minimum Fat Percent	Maximum Fiber Percent
1. Standard By-Products:			
Alfalfa Leaf Meal	-----	-----	18.00
Alfalfa Meal	13.00	1.50	32.00
Barley, Ground	-----	-----	6.00
Buttermilk, Dried	-----	5.00	-----
Corn, Chopped, Cracked (Screened)	8.00	3.50	3.00
Corn, Chopped, Cracked, Ground	9.00	3.75	2.50
Corn Feed Meal	8.00	3.75	4.00
Hominy Meal, Hominy Feed	10.00	7.00	6.00
Oats, Ground	11.00	4.50	12.00
Rye Middlings or Shorts	15.50	3.50	6.00
Wheat Bran	14.50	3.75	10.00
Wheat Brown Middlings or Shorts	16.00	4.00	7.50
Wheat Flour Middlings	16.00	3.50	3.50
Wheat Gray Middlings or Shorts	16.00	4.00	6.00
Wheat Mixed Feed	15.50	4.00	8.50
Wheat White Middlings or Shorts	16.00	3.50	3.50
2. Special Purpose Mixed Feeds:			
Dairy Feed	16.00	3.50	15.00
Hog Feed (Fattening)	13.00	3.50	7.00
Hog Feed (Growing)	16.00	3.50	7.00
Horse and Mule Feed	9.00	2.50	15.00
Poultry:			
All-Mash Growing Ration	15.00	4.00	6.00
All-Mash Laying Ration	15.00	4.00	7.00
All-Mash Poultry Ration	15.00	4.00	6.00
All-Mash Starting Ration	14.00	3.50	5.00
Chick Grains	9.00	2.50	3.50
Scratch Grains	9.00	3.00	5.00
Fattening Mash	13.00	4.00	6.00
Growing Mash	17.00	3.50	6.00
Laying Mash	18.00	3.50	8.00
Starting Mash	16.00	3.50	5.00
Turkey Growing Mash	17.00	3.50	7.00
Turkey Laying Mash	18.00	3.50	8.00
Turkey Starting Mash	18.00	3.50	6.00

REGISTRATION REQUIREMENTS

3. *General Rules:*

(a) In making registrations, care should be exercised to make the chemical guaranties reasonably close to the actual content of the feed. In other words, arbitrary guaranties will not be accepted.

(b) If a material change is made in the guaranty of a feed, in effect lowering the value of the feed, the name of the feed must be changed also.

(c) For oil-mill and animal by-product feeds, the percentage of protein must form part of the name. For example, 41% Protein Cottonseed Meal, 34% Protein Old Process Linseed Oil Meal, 60% Protein Digester Tankage, etc.

(d) Oil-mill by-products containing hulls, screenings and similar materials, thus materially lowering the percentage of crude protein, cannot be called meals, but may be called meal and hulls, or meal and screenings, or feed, or by some proprietary name.

(e) Any feed containing less than 9% protein must be called by the name of its ingredients.

(f) In naming feeds, the terms "feed" and "ration" should be distinguished. A feed may or may not be a ration. A ration is a complete feed and does not require other feed to be fed in addition to it.

4. *Essential Organic Ingredients:*

A feedstuff must not contain less than 3% of any essential organic food ingredient stated in the guaranty. If an ingredient so stated is found to be less than 3% the feed will be classed as misbranded.

5. *Mineral Ingredients:*

Mineral ingredients, generally regarded as dietary factors essential for the normal nutrition of animals, except bone, when added to a feed must not exceed 3%.

The amount of salt in any stock feed, including poultry feeds, should not exceed 1%.

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Percent	Maximum Fiber Percent
18.00	
32.00	
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3.00	
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6. *Screenings:*

(a) Percentage of screenings in wheat feeds and statement whether ground or unground, must be given.

(b) When screenings are used in mixed or special-purpose feeds, the percentage must be stated, and the minimum amounts of protein and fat and the maximum amounts of fiber and ash for such screenings must be stated in the registration. Samples of such screenings may be required to be furnished on request by the Department.

(c) If all or part of the immature, broken and light grains and other seeds of commercial value have been removed from screenings, the material must be called "screenings refuse" or "screenings waste".

7. *Materials of Little or No Feeding Value:*

(a) Percentage of material of little or no feeding value must be stated.

(b) When organic materials of little or no feeding value as concentrates are used in mixed or special-purpose feeds, the open formula must be given in the registration. The open formula will not be printed on the tag unless there is a good reason why it should. The Department reserves the right.

(c) In mixed feeds, the amount of a material or materials of little or no feeding value as a concentrate, must not exceed 25% of the mixture.

8. *False Registration and Cancellation:*

Improper registration, adulteration or misbranding of a feed not only renders the offender liable to prosecution, but the registration may be canceled by the Department.

RESULTS OF ANALYSES

During the year, 1935, 1,124 samples were analyzed both chemically and microscopically. Many of them were subjected to a complete feedingstuffs analysis. The results in detail were sent to those directly interested,

ANIMAL PRODUCTS

Dried Buttermilk. Dried buttermilk sold in the State was of good quality. The guaranty in minimum protein was 32 percent and fat 5 percent. The three samples analyzed exceeded their guaranty.

Meat Scrap. Some of the meat scrap sold in the State was of low quality and contained excess bone. The guaranty in minimum protein was 50 percent, fat 6 percent and maximum fiber 3 percent. Eight samples were analyzed, three of which fell below guaranty in protein and one in fat.

Tankage. Fourteen samples were analyzed, five of which were below guaranty in protein and one in fat.

BARLEY PRODUCTS

Brewers dried grains were of good quality, but barley malt screenings were sometimes substituted for them in mixed feeds. Some of the grains contained excess fiber due to the high fiber of the barley from the Pacific coast states. Three samples were analyzed and exceeded guaranty.

CORN PRODUCTS

Corn Feed Meal. Corn feed meals sold in Kentucky were of an inferior quality. Some of them contained excessive amounts of corn bran and were made of inferior corn. Five samples were analyzed and equaled their chemical guaranty.

Crushed Ear Corn. Three samples were analyzed and equaled their guaranty.

Hominy Feed. True hominy feeds used in the State during the year were of good quality and in most part equaled or exceeded their guaranties. Ten samples were analyzed, one of which was deficient in protein and one had excess fiber. Synthetic hominy feeds were of inferior quality, contained excess corn bran and were usually deficient in corn germ and therefore in fat.

COTTONSEED PRODUCTS

Cottonseed meals shipped into Kentucky were guaranteed to be 41 percent protein. However, a large percentage of the

shipments fell below the guaranty. Forty-five samples were analyzed, twenty of which fell below guaranty in protein and ten exceeded guaranty in fiber.

DISTILLERS' CORN DRIED GRAINS

Twenty-three samples were analyzed, one of which fell below guaranty in fat. One was misbranded.

FLAX PRODUCTS

Linseed oil meals shipped into Kentucky were of good quality. Five samples were analyzed and equaled guaranty.

OAT PRODUCTS

Five samples of ground oats were analyzed and equaled guaranty.

PEANUT PRODUCTS

One sample of peanut oil meal was analyzed and fell below guaranty in protein and had excess fiber—adulterated with hulls.

RYE PRODUCTS

Five samples of rye feed were analyzed and equaled guaranty.

SOYBEAN PRODUCTS

Seven samples of soybean oil meal were analyzed and all equaled guaranty except one which was slightly deficient in fat.

WHEAT PRODUCTS

Gray Shorts. Ten samples were analyzed, one of which fell below guaranty in protein.

Wheat Bran. Seven samples were analyzed and all equaled guaranty except one which had excess fiber.

Wheat Middlings. Nine samples were analyzed, two of which had excess fiber and one was misbranded.

Wheat Mixed Feed. Seventy-five samples were analyzed, twenty-two of which were deficient in protein and fat. These deficiencies were due in part to the inclusion of wheat flour.

Wheat Shorts. Twenty-three samples were analyzed, one of which fell below guaranty in protein, two exceeded guaranties in fiber and two were adulterated with screenings and weed seeds.

Wheat Red Dog. Three samples were analyzed, one of which was deficient in fat.

MINERAL FEEDS

Seven samples were analyzed, all of which equaled guaranty.

MIXED FEEDS (Wheat and Corn Byproducts)

Under this head, a class of feed is included, composed of wheat byproducts and a small amount of corn bran, and in most cases wheat screenings. These feeds vary somewhat in composition and value, according to the amount of corn bran and screenings used. The mixing of corn bran with wheat byproduct is a convenient way of disposing of an inferior material at a price in excess of its value.

Seventy-five samples were analyzed, thirteen of which fell below in protein, one in fat and eight were misbranded.

SPECIAL-PURPOSE FEEDS

Dairy Feed. Dairy feeds are classified in two ways. First, with reference to the amount of protein they contain, under three groups: 16 percent protein, 20 percent protein and 24 percent protein. Second, with reference to whether they contain a filler, or what is commonly known to the trade as "adulterants". It should be noted here that there is more adulteration and misbranding in filler dairy feeds, especially the 16-percent-protein group, than in all other feeds grouped together.

16-percent-Protein Dairy Feed. Feeds of this group usually contain, with few exceptions, the maximum amount of filler allowed, which is 25 percent of the mixture. It is estimated that 95 percent of the 16-percent-protein dairy feeds contain fillers, varying from little to no feeding value and in some instances dangerous to the health of animals. Feeds of this group are made on the basis of price, of cheapest materials, for a

market where competition is keenest, under the most competitive conditions and consequently under the most tempting conditions to adulterate. One hundred and forty-six samples were analyzed, eighteen fell below guaranty in protein, four in fat and eleven exceeded guaranty in fiber. Forty-seven were misbranded and twenty-five adulterated.

20-percent-Protein Dairy Feed. Feeds of this group are made usually of high-grade materials. Very few of them contain fillers and when they do the amount is small. These feeds appear to be about the percentage of protein most suitable to the average dairy needs in Kentucky. Forty-three samples were analyzed, one of which fell below in protein, two in fat and one exceeded guaranty in fiber. Three only were misbranded.

24-percent-Protein Dairy Feed. This group contains more of the high protein-carrying materials than the lower groups. These feeds usually are made to be fed with home-grown materials of low protein content. Ninety-five samples were analyzed, fourteen of which fell below in protein, and ten in fat. Five were misbranded and one adulterated.

Supplement Dairy Feed. This group of feeds is made up of high-protein materials and is to be used with low-protein materials grown by the feeder, such as corn, oats and corn stover. Ten samples were analyzed all of which exceeded guaranty.

Dog Food. The volume of dog food sold in the State is very large. This class of feed may be divided into two groups: canned, which contains a large percentage of water, and dry, which is put up in the form of biscuits and pellets.

Canned dog foods vary in their composition but are made up in most part of water, some meat byproducts, cereals and their byproducts, vegetables, bone meal, charcoal, etc. The water content varies from 65 to 85 percent, leaving only a small percentage of nutrients. The protein content varies from 6 to 15 percent. As stated before, a purchaser not only pays a tremendous price for water, but he pays freight on this water, from distant points in California, Illinois, New York, Massachusetts

and other states. Fifty-eight samples were analyzed, six of which fell below in protein, six in fat and five were too high in fiber. Twenty-five were short in weight and thirty were misbranded.

Dry dog food is made of materials in the dry state, such as meat product, cereal byproducts, milk, alfalfa leaf meal, soybean oil meal, rice, bone meal, yeast, cod liver oil and many other products. Feeds of this group range in protein from 17 to 32 percent. Twenty-seven samples were analyzed, three were too high in fiber and only one was misbranded.

Hog Feed. This class of feed is divided into two groups: fattening and growing. The fattening feeds are composed mostly of materials high in nitrogen-free extract; the growing feeds, of materials sufficiently rich in protein to produce proper growth. Twenty-one samples of fattening and growing feeds were analyzed. All equaled their guaranties.

Horse and Mule Feeds. Thirty-seven samples were analyzed, two of which were too high in fiber and four were misbranded.

Poultry Feeds. It should be noted here that there are fewer irregularities in the manufacture of poultry feeds than in the manufacture of any other class of feeds. These feeds may be divided into two general groups: mash and grain feeds. Each group is further divided according to the special purpose of the feed. The mashes include fattening, growing, laying, starting and supplement. The grains include baby chick grains, growing chick grains and scratch grains.

Fattening Mash. Sixteen samples were analyzed. One was below guaranty in protein, one in fat and three were too high in fiber. One was misbranded.

Growing Mash. Thirty-seven samples were analyzed, two of which were below guaranty in protein and two were too high in fiber. One was misbranded.

Laying Mash. Seventy-eight samples were analyzed, eight of which were below guaranty in protein, two in fat and six were too high in fiber. Three were misbranded.

Starting Mash. Forty-seven samples were analyzed, all of which equaled or exceeded their guaranties, except three which were too high in fiber. Two were misbranded.

Supplement Mash. Seven samples were analyzed, all of which equaled guaranties.

Rabbit Feed. Five samples were analyzed, all of which equaled guaranties.

Sheep Feed. Seven samples were analyzed, three of which were misbranded.

Idle Stock Feed (Stock at rest). Thirty-eight samples were analyzed, five of which were below guaranty in protein, one in fat and two were too high in fiber. Six were misbranded.

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SUMMARY OF RESULTS OF INSPECTION AND ANALYSIS, 1935

- Acme-Evans Co., Indianapolis, Ind. Inspection samples analyzed, 7.
Acme Red Dog, 1; equaled guaranty.
Acme Fattening Mash, 1; no corn gluten feed found; ground oats present tho not guaranteed.
Acme 18% Protein Egg Mash, 1; corn gluten feed present tho not guaranteed.
Acme 26% Protein Mash Supplement, 1; equaled guaranty.
D-Light-U 16½% Protein Dairy Feed, 2; no corn feed meal or hominy feed found; excess screenings present; misbranded.
Acme 32% Protein Supplement Dairy Feed, 1; equaled guaranty.
- The Acme Mills, Hopkinsville, Ky. Inspection sample of Supreme Dairy Feed analyzed, 1; ingredients not as guaranteed; adulterated and misbranded.
- Alfocorn Milling Co., E. St. Louis, Ill. Inspection samples analyzed, 3.
Wishbone All-Mash Starter and Growing Feed, 1; wheat bran and corn gluten meal present tho not guaranteed.
Alfocorn Hog Fattener, 1; corn gluten feed and soybean oil meal present tho not guaranteed.
Alfocorn 24% Protein Milk Maker, 1; distillers dried grain present tho not guaranteed.
- E. T. Allen Co., Atlanta, Ga. Inspection samples analyzed, 7.
Premier Brand 45% Protein Peanut Oil Meal, 1; too low in protein and too high in fiber; adulterated with cottonseed hulls; misbranded.
"Empire" 41% Protein Cottonseed Meal, 6; 2 too low in protein.
- The Allen & Wheeler Co., Troy, O. Inspection samples analyzed, 3.
Trojan Spring Middlings and Screenings, 1; equaled guaranty.
Trojan Flour Middlings and Screenings, 1; too high in fiber.
Trojan Red Dog, 1; too low in fat.
- Allied Mills, Chicago, Ill. Inspection samples analyzed, 11.
Wayne Starter and Grower, 1; equaled guaranty.
Wayne Dog Food Blox, 2; equaled guaranty.
Wayne Dog Food Krums, 2; equaled guaranty.
Topper 16% Protein Dairy Feed, 1; equaled guaranty.
Empire 16½% Protein Dairy Feed, 3; equaled guaranty.
Wayne 20% Protein Dairy Feed, 1; equaled guaranty.
Wayne 24% Protein Dairy Feed, 1; equaled guaranty.
- Always-A-Head Mills, E. St. Louis, Ill. Inspection sample of Always-A-Head 24% Protein Dairy Feed analyzed, 1; equaled guaranty.
- Anderson & Spilman, Danville, Ky. Inspection samples analyzed, 6.
Economy All-Mash Starting and Growing Feed, 1; equaled guaranty.
Economy Egg Mash, 1; too low in protein.

- Anderson & Spilman Snow Flake Feed, 1; equaled guaranty.
- Economy 16% Protein Dairy Feed, 1; brewers dried grains present tho not guaranteed.
- "Milk Maker" 24% Protein Dairy Feed, 2; 1 much too low in protein; 1 distillers dried grains present tho not guaranteed.
- The Ansted & Burk Co., Springfield, O. Inspection sample of 16% Protein Dairy Feed analyzed, 1; ingredients not as guaranteed; misbranded.
- Arcady Farms Milling Co., Chicago, Ill. Inspection samples analyzed, 15
- Arcady-Wonder Complete All-Mash Chick Starter, 1; equaled guaranty.
- Arcady-Wonder Laying Mash, 1; equaled guaranty.
- Sunkist Egg Mash, 1; too high in fiber.
- Arcady Besbet Laying Mash, 1; equaled guaranty.
- Arcady Sweet 16% Protein Dairy Feed, 2; 1 malt sprouts present tho not guaranteed; 1 no cottonseed meal found.
- Provo 16% Protein Dairy Feed, 4; 3 excess screenings present; 1 no cottonseed meal or linseed oil meal found, wheat bran and malt sprouts present tho not guaranteed—misbranded.
- Old Colony Feed, 1; no cottonseed meal found.
- Wonder Dairy Ration, 2; 1 too low in fat; 1 only trace of cottonseed meal found.
- Arco 24% Protein Dairy Ration, 2; 1 too low in fat; 1 no linseed oil meal found.
- Archer-Daniels-Midland Co., Minneapolis, Minn. Inspection sample of 41% Protein Old Process Soybean Oil Meal analyzed, 1; equaled guaranty.
- Armour & Co., Chicago, Ill. Inspection sample of Armour's 50% Protein Meat and Bone Scraps analyzed, 1; equaled guaranty.
- Ashcraft Wilkinson Co., Atlanta, Ga. Inspection samples analyzed, 6.
- "Gilt Edge" 41% Protein Soybean Cake Meal, 1; equaled guaranty.
- "Helmet Brand" 41% Protein Cottonseed Meal, 5; 1 too low in protein; 2 too high in fiber.
- The Great Atlantic & Pacific Tea Co., New York, N. Y. Inspection samples analyzed, 10.
- Daily Growth Growing Mash, 1; equaled guaranty.
- Special Daily Egg Mash Feed, 1; too high in fiber.
- Daily Growth Turkey Grower, 1; equaled guaranty.
- Daily Horse Feed, 1; equaled guaranty.
- Daily Milk 16% Protein Dairy Feed, 2; 1 too low in fat.
- Milky Way 20% Protein Dairy Feed, 1; equaled guaranty.
- Milky Way 24% Protein Dairy Feed, 3; 2 too low in fat; 1 soybean oil meal present tho not guaranteed.

- Aubrey & Co., Louisville, Ky. Inspection samples analyzed, 37.
- Red "A" Gray Shorts and Screenings, 1; equaled guaranty.
 - Red "A" Middlings and Screenings, 2; equaled guaranty.
 - Soft Wheat Mixed Feed, 1; too low in protein.
 - Red "A" Wheat Feed and Screenings, 1; equaled guaranty.
 - Rye Feed and Screenings, 2; equaled guaranty.
 - Hominy Feed, 1; equaled guaranty.
 - Red "A" Distillers 28% Protein Corn Dried Grains, 2; too low in fat.
 - Monarch Distillers Dried Grains, 1; too low in protein.
 - Brewers 24% Protein Dried Grains, 1; equaled guaranty.
 - Aubrey's 36% Protein Cottonseed Feed, 1; equaled guaranty.
 - Aubrey's 41% Protein Cottonseed Meal, 1; equaled guaranty.
 - Red Bird Baby Chick Starting Mash (With Cod Liver Oil), 1; equaled guaranty.
 - Rainbow Laying Mash (With Cod Liver Oil), 1; salt present tho not guaranteed.
 - Dandy Horse Feed, 3; equaled guaranty.
 - Aubrey's 16½% Protein Dairy Feed, 4; alfalfa meal and wheat screenings present tho not guaranteed.
 - Monarch 16½% Protein Dairy Feed, 9; 3 too low in protein; 1 too high in fiber, excess oat hulls present.
 - "Ful-O-Cream Brand" 24% Protein Dairy Feed, 4; too low in protein; 1 no alfalfa meal found; 1 molasses present tho not guaranteed.
 - "Supreme Brand" 24% Protein Dairy Feed, 1; much too low in protein; grain screenings present tho not guaranteed; misbranded.
- The Auburn Mills, Auburn, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- Auburn Roller Mills, Auburn, Ky. Inspection sample of Mixed Feed analyzed, 1; too low in protein.
- Aurora Flour & Feed Co., Aurora, Ind. Inspection samples analyzed, 3.
- "Dearborn Special" All-Mash Starting and Growing Ration, 2; 1 no dried buttermilk found.
 - "Dearborn Special" Laying Mash Feed, 1; equaled guaranty.
- J. J. Badenoch Co., Chicago, Ill. Inspection sample of Circle Bee Dairy Feed analyzed, 1; equaled guaranty.
- Ballard & Ballard Co., Louisville, Ky. Inspection samples analyzed, 30.
- Ballard's Bran, 1; equaled guaranty.
 - Ballard's Mixed Wheat Feed and Screenings, 3; equaled guaranty.
 - 50% Protein Meat and Bone Scraps, 1; much too low in protein.
 - Insurance Growing Mash, 1; equaled guaranty.

- Insurance All-Mash Starting and Growing Feed, 1; equaled guaranty.
- Guardian Laying Mash, 2; 1 corn gluten meal present tho not guaranteed.
- Insurance 32% Protein Poultry Mash (Supplement), 1; too low in fat.
- Insurance Turkey Starter, 1; equaled guaranty.
- Insurance Turkey Ration, 1; soybean oil meal present tho not guaranteed.
- Ballard's Insurance Turkey and Game Bird Ration, 1; equaled guaranty.
- Insurance Dog Food, 1; equaled guaranty.
- Guardian Horse and Mule Feed, 1; too high in fiber.
- Pioneer 16% Protein Sweet Dairy Feed, 4; equaled guaranty.
- Guardian 16% Protein Sweet Dairy Feed, 5; 3 too high in fiber.
- Pioneer 20% Protein Sweet Dairy Feed, 1; equaled guaranty.
- Guardian 20% Protein Sweet Dairy Feed, 1; equaled guaranty.
- Pioneer 24% Protein Sweet Dairy Feed, 2; too low in protein.
- Guardian 24% Protein Sweet Dairy Feed, 2; 1 linseed oil meal present tho not guaranteed.
- Bardstown Mills, Bardstown, Ky. Inspection samples of Royal Mill Feed analyzed, 2; equaled guaranty.
- Baskett Grain Co., Henderson, Ky. Inspection sample of Baskett Egg Mash analyzed, 1; too low in protein.
- Battle Creek Dog Food Co., Battle Creek, Mich. Inspection samples of Miller's A-1 Ration analyzed, 2; too high in fiber.
- Baughman Milling Co., Stanford, Ky. Inspection sample of Banner Mixed Feed analyzed, 1; equaled guaranty.
- Beaty Bros., Science Hill, Ky. Inspection sample of Wheat Mixed Feed analyzed, 1; equaled guaranty.
- Benson Valley Milling Co., Frankfort, Ky. Inspection samples analyzed, 4.
- "Miracle Brand" 16½% Protein Dairy Feed, 3; 1 too low in protein, ingredients not as guaranteed, misbranded; 1 ground barley present tho not guaranteed.
- "Benson Valley" 24% Protein Dairy Feed, 1; distillers dried grains substituted for brewers dried grains.
- W. C. Binns, Herndon, Ky. Inspection samples analyzed, 3.
- Eclipse Mixed Feed, 1; equaled guaranty.
- Eclipse Hog Feed, 2; 1 too low in fat.
- Bisbee Linseed Co., Chicago Hts., Ill. Inspection samples analyzed, 2.
- "Bisbee Brand" 34% Protein Old Process Linseed Meal, 1, equaled guaranty.

- "Illinois Brand" 30% Protein Linseed Meal and Screenings Oil Feed, 1; equaled guaranty.
- Blish Milling Co., Seymour, Ind. Inspection samples analyzed, 3.
Woodstock Shorts and Screenings, 1; equaled guaranty.
- Bull's Eye Mixed Wheat Feed and Screenings, 2; equaled guaranty.
- Bloomfield Mill & Grain Co., Bloomfield, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- Blue Grass Grain Corporation, Lexington, Ky. Inspection sample of "Peerless Brand" Dairy Feed analyzed, 1; equaled guaranty.
- Bowling Green Milling Co., Bowling Green, Ky. Inspection sample of "Ideal Brand" Feed analyzed, 1; equaled guaranty.
- Broadway Roller Mills, Bowling Green, Ky. Inspection sample of Mixed Wheat Feed and Screenings analyzed, 1; equaled guaranty.
- The Brode Corporation, Memphis, Tenn. Inspection sample of "Owl Brand" 41% Protein Prime Cottonseed Meal analyzed, 1; equaled guaranty.
- Chas. Broeker & Co., Owensboro, Ky. Inspection samples analyzed, 2.
Hominy Feed, 1; equaled guaranty.
XX Mixed Feed, 1; too low in protein.
- Browder Milling Co., Fulton, Ky. Inspection sample of "Lucky Strike" 24% Protein Dairy Feed analyzed, 1; equaled guaranty.
- The Buckeye Cotton Oil Co., Cincinnati, O. Inspection samples of Buckeye 41% Protein Cottonseed Meal analyzed, 2; equaled guaranty.
- Buffalo Roller Mills, Buffalo, Ky. Inspection sample of "Sea Foam Brand" Wheat Mixed Feed and Screenings analyzed, 1; equaled guaranty.
- Buffalo Springs Distilling Co., Stamping Ground, Ky. Inspection samples of Distillers Corn Dried Grains analyzed, 3; equaled guaranty.
- Buhner Fertilizer Co., Seymour, Ind. Inspection samples analyzed, 3.
Buhner's Feeding Bone, 1; equaled guaranty.
Buhner's King 60% Protein Tankage, 2; equaled guaranty.
- Bundy Bros. Mill Co., Medora, Ind. Inspection samples analyzed, 11.
Hominy Feed, 2; equaled guaranty.
Economy Laying Mash, 2; too low in protein; 1 no oatmeal found.
Jumbo Laying Mash, 3; 1 too low in protein.
"Medora Brand" Fattening Mash, 1; too low in protein.
"Medora Brand" Poultry Mash, 3; 1 too low in protein.
- Burnside Milling Co., Burnside, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- Cadick Milling Co., Grandview, Ind. Inspection samples of Mixed Wheat Feed analyzed, 3; equaled guaranty.

- Cadiz Milling Co., Cadiz, Ky. Inspection samples of Sunbeam Mixed Wheat Feed and Screenings analyzed, 2; too low in protein; 1 corn bran present.
- Cairo Meal & Cake Co., Cairo, Ill. Inspection samples of "Miss Cairo Brand" 41% Protein Cottonseed Meal analyzed, 2; too low in protein and too high in fiber.
- Calhoun Sweet Feed Co., Calhoun, Ky. Inspection samples of "Golden Rule" Stock Feed analyzed, 2; much too high in fiber; 1 too low in protein.
- California Animal Products Co., Oakland, Calif. Inspection sample of Calo Dog Food analyzed, 1; deficient in net weight.
- Campbellsville Milling Co., Campbellsville, Ky. Inspection sample of Mixed Wheat Feed and Screenings analyzed, 1; too low in protein.
- Carlisle Mill & Supply Co., Carlisle, Ky. Inspection sample of Old Kentucky Mill Feed analyzed, 1; too low in fat and too high in fiber; corn bran and salt present tho not guaranteed.
- The Carr Milling Co., Hamilton, O. Inspection sample of Bon Ton Wheat Middlings analyzed, 1; equaled guaranty.
- Cecilian Milling Co., Cecilia, Ky. Inspection samples analyzed, 3.
"Purity Brand" Mixed Wheat Feed and Screenings, 1; equaled guaranty.
- Clifton Gray Shorts and Rye Middlings, 1; too low in protein.
"New Deal" Mixed Feed, 1; equaled guaranty.
- Chappel Bros., Inc., Rockford, Ill. Inspection sample of Ken-L-Biscuit analyzed, 1; equaled guaranty.
- Charleston Milling Co., Charleston, W. Va. Inspection samples analyzed, 5.
"Quality Brand" Wheat Middlings and Screenings, 1; equaled guaranty.
- Double Bar Chick Mash, 1; too high in fiber.
Single Bar Laying Mash, 1; no linseed oil meal found.
Charmco 16% Protein Dairy Feed, 1; equaled guaranty.
Charmco 24% Protein Dairy Feed, 1; too low in fat.
- Christian County Mills, Hopkinsville, Ky. Inspection sample of Mixed Feed analyzed, 1; too low in protein; corn feed meal present.
- The Cincinnati Grain & Hay Co., Cincinnati, O. Inspection samples analyzed, 8.
Distillers 28% Protein Corn Dried Grains, 1; equaled guaranty.
"No Better" Starting Mash, 1; equaled guaranty.
"Standard Brand" Egg Mash, 1; too high in fiber.
"No Better" Egg Mash, 1; equaled guaranty.
"Standard Brand" 16% Protein Dairy Feed, 2; too low in fat; 1

distillers dried grains substituted for brewers dried grains; 1 ground corn and corn gluten feed present tho not guaranteed. "No Better" Sweet Dairy Feed, 1; no linseed oil meal found; soybean oil meal and distillers dried grains present tho not guaranteed; misbranded.

"No Better" Dry Dairy Ration, 1; too low in fat; no linseed oil meal found; soybean oil meal present tho not guaranteed.

City Roller Mills, Vevay, Ind. Inspection sample of Wheat Mixed Feed and Screenings analyzed, 1; too low in protein.

Citizens Milling Co., Somerset, Ky. Inspection sample of "Wild Rose" Mixed Feed analyzed, 1; equaled guaranty.

Climax Roller Mills, Shelbyville, Ky. Inspection samples analyzed, 2. "Climax" 41% Protein Cottonseed Meal, 1; equaled guaranty.

"Good Luck" 16% Protein Dairy Feed, 1; ingredients not as guaranteed; misbranded.

Clover Farm Stores, Cleveland, O. Inspection sample of Kwik-Meal Dog Food analyzed, 1; equaled guaranty.

Cogar Grain & Coal Co., Harrodsburg, Ky. Inspection samples analyzed, 2.

Coleman's All-Mash Starting and Growing Ration, 1; equaled guaranty.

Cogar's Stock Feed, 1; equaled guaranty.

Clell Coleman & Sons, Sturgis, Ky. Inspection samples of Coleman's White Middlings and Shorts analyzed, 2; too low in fat; 1 too low in protein; 1 too high in fiber.

The Columbus Rendering Co., Columbus, O. Inspection samples analyzed, 7.

Coreco 50% Protein Meat Scraps, 4; 2 much too low in protein; 2 too low in fat, excess bone present, misbranded.

Coreco 60% Protein Digester Tankage, 3; 1 much too low in protein; 1 too low in fat.

Community Milling Co., Irvington, Ky. Inspection samples of Soft Wheat Mixed Feed analyzed, 2; equaled guaranty.

Cornishville Milling Co., Cornishville, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.

The Corno Mills Co., E. St. Louis, Ill. Inspection samples analyzed, 8. Corno Laying Mash, 1; too low in fat.

Nutro Sweet Feed, 1; equaled guaranty.

Nutro 16% Protein Dairy Feed, 3; 1 too low in protein; 2 adulterated with excess oat hull feed; misbranded.

Corno 24% Protein Dairy Feed, 2; equaled guaranty.

Corno Dairy Supplement 34% Protein, 1; too high in fiber.

- Crescent Milling Co., Cynthiana, Ky. Inspection sample of Crescent Mixed Feed analyzed, 1; equaled guaranty.
- Crescent Roller Mills Co., Taylorsville, Ky. Inspection samples analyzed, 4.
- Corn Feed Meal, 1; too high in fiber.
- Crescent Mixed Feed, 3; equaled guaranty.
- Daily Packing Co., Chicago, Ill. Inspection sample of Daily Dog Food analyzed, 1; too low in fat and too high in fiber.
- Dairyman's Feed & Supply Co., Mayfield, Ky. Inspection sample of Mixed Wheat Feed analyzed, 1; equaled guaranty.
- The Dewey Bros. Co., Blanchester, O. Inspection sample of Soft Winter Wheat Middlings analyzed, 1; equaled guaranty.
- W. C. Dicken, Mentor, Ky. Inspection samples analyzed, 7.
- “Sunny Grain Brand” Chick Starter, 1; equaled guaranty.
- “Sunny Grain Brand” Chick Grower, 1; equaled guaranty.
- “Sunny Grain Brand” Laying Mash, 2; 1 too high in fiber.
- “Sunny Grain Brand” Hog Feed, 1; equaled guaranty.
- “Sunny Grain Brand” Dairy Feed, 2; equaled guaranty.
- Dietrich & Gambrill, Inc., Frederick, Md. Inspection sample of D. & G. Dog Food analyzed, 1; too high in fiber.
- Dixie Mills Co., E. St. Louis, Ill. Inspection samples analyzed, 3.
- Holsum Horse Feed, No. 45, 1; no alfalfa meal found; grain screenings present tho not guaranteed; misbranded.
- Holsum Horse Feed, No. 70, 1; no alfalfa meal found; grain screenings present tho not guaranteed; misbranded.
- 16½% Protein Holsum Dairy Feed, 1; no linseed oil meal found; only trace cottonseed meal found.
- Doggie Dinner, Inc., Terre Haute, Ind. Inspection samples of Doggie Dinner analyzed, 2; 1 too low in fat.
- Dossey Clay-Howard Milling Co., Fountain Run, Ky. Inspection samples of Shipstuff analyzed, 2; equaled guaranty.
- Doyle Packing Co., Momence, Ill. Inspection samples analyzed, 3.
- Strongheart Rations Dog and Cat Food, 1; too low in fat; deficient in net weight.
- Roxy Rations Dog and Cat Food, 2; 1 no carrots or hominy grits found; deficient in net weight.
- Dutschke Milling Co., Cannelton, Ind. Inspection sample of Dutschke All-Mash No. 1 analyzed, 1; equaled guaranty.
- Eagle Roller Mills, Lawrenceburg, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- The Early & Daniel Co., Cincinnati, O. Inspection samples analyzed, 36.
- Hominy Meal, 1; equaled guaranty.
- Tuxedo Wheat Mixed Feed and Screenings, 1; equaled guaranty.

- Tuxedo Digester Tankage 60% Protein, 1; equaled guaranty.
- Tuxedo 41% Protein Cottonseed Meal, 2; 1 too low in protein.
- Tuxedo 41% Protein Soybean Oil Meal, 1; equaled guaranty.
- Tuxedo Starting and Growing All-Mash, 2; equaled guaranty.
- Tuxedo Growing and Developing Mash, 1; equaled guaranty.
- Tuxedo Poultry Fattener, 1; too high in fiber.
- Cincy Egg Mash, 1; too high in fiber.
- Tuxedo Egg Mash, 2; equaled guaranty.
- Tuxedo Sheep Feed, 1; equaled guaranty.
- "Cincy" Chop, 2; 1 alfalfa meal present tho not guaranteed.
- Tuxedo Golden Stock Feed, 1; equaled guaranty.
- Tuxedo 16% Protein Dairy Feed, 7; 1 too low in protein; 2 too low in fat.
- Tuxedo 20% Protein Dairy Feed, 2; equaled guaranty.
- Cerealia Sweets, 2; equaled guaranty.
- Tuxedo 24% Protein Dairy Feed, 4; equaled guaranty.
- Tuxedo Dairy 33% Protein (Supplement), 3; 1 distillers dried grains present tho not guaranteed.
- Tuxedo Big Forty, 1; equaled guaranty.
- Eberts Grain Co., Louisville, Ky. Inspection sample of Eberts 20% Dairy Feed analyzed, 1; equaled guaranty.
- Elkhorn Roller Mills, Elkhorn, Ky. Inspection sample of Shipstuff analyzed, 1; equaled guaranty.
- John W. Eshelman & Sons, Lancaster, Pa. Inspection samples analyzed, 11.
- Eshelman Red Rose Growing Mash, 1; alfalfa meal present tho not guaranteed.
- Eshelman Red Rose Fattening Mash, 1; linseed oil meal present tho not guaranteed.
- Eshelman Red Rose All-Mash Starter, 1; equaled guaranty.
- Eshelman Red Rose Laying Mash, 1; equaled guaranty.
- Eshelman Pennsy 16% Protein Dairy Feed, 1; equaled guaranty.
- Maintenance Brand 16% Protein Dairy Feed, 1; equaled guaranty.
- Eshelman Lancaster 20% Protein Dairy Feed, 1; equaled guaranty.
- Eshelman Challenge Dairy Feed, 2; equaled guaranty.
- Eshelman Red Rose 24% Protein Dairy Feed, 1; equaled guaranty.
- Eshelman 32% Protein Mixing Ration, 1; equaled guaranty.
- Estes Milling Co., Science Hill, Ky. Inspection sample of Estes Mixed Wheat Feed analyzed, 1; equaled guaranty.
- Exchange Milling Co., Sturgis, Ky. Inspection sample of Wheat Shorts analyzed, 1; too low in protein.
- Falls City Feed Mills, Louisville, Ky. Inspection samples analyzed, 2.

- Radio 16% Protein Dairy Feed, 1; too high in fiber; only traces of wheat bran and wheat middlings present.
- "Shur-Pleez" 16½% Protein Dairy Feed, 1; no alfalfa meal found; peanut product present tho not guaranteed; brewers dried grains substituted for distillers dried grains; misbranded.
- Farm Bureau Milling Co., Columbus, O. Inspection sample of Farm Bureau "Economy Brand" Laying Mash analyzed, 1; equaled guaranty.
- Farmers Corn Mill & Feed Co., McKenzie, Tenn. Inspection sample of Dixie Queen All-Mash analyzed, 1; equaled guaranty.
- Farmers & Merchants Milling Co., Brooksville, Ky. Inspection sample of Mixed Wheat Feed and Screenings analyzed, 1; equaled guaranty.
- The Farmers Mill, Clay, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- Farmers Mill Co., Columbia, Ky. Inspection sample of Shipstuff analyzed, 1; equaled guaranty.
- Farmers Milling Co., Somerset, Ky. Inspection samples analyzed, 3.
Mixed Feed, 1; equaled guaranty.
Farmers Stock Feed, 2; too low in protein.
- Farmers Supply Co., Lexington, Ky. Inspection samples analyzed, 11.
Farmo Laying Mash, 2; 1 too low in protein.
Farmo Hog Feed, 1; equaled guaranty.
Farmo Sheep Feed, 1; too low in fat.
Trico 16% Protein Dairy Feed, 4; 2 too low in protein; 2 ingredients not as guaranteed; misbranded.
Red Diamond Dairy Feed, 1; too low in fat.
Farmo 24% Protein Dairy Feed, 2; 1 too low in fat.
- Farmers Supply Co., Danville, Ky. Inspection sample of Trico 16% Protein Dairy Feed analyzed, 1; equaled guaranty.
- Farmers Union Mill, Versailles, Ky. Inspection samples analyzed, 3.
Mixed Feed, 1; equaled guaranty.
Sheep Feed, 1; wheat middlings and distillers dried grains present tho not guaranteed.
20% Protein Dairy Feed, 1; distillers dried grains present tho not guaranteed.
- J. H. Fedders & Son, Covington, Ky. Inspection samples analyzed, 3.
Gray Wheat Middlings, 1; equaled guaranty.
Hominy Feed, 2; equaled guaranty.
- Ferncliff Feed & Grain Co., Louisville, Ky. Inspection samples analyzed, 5.
P. D. Q. Shorts and Screenings, 1; equaled guaranty.
P. D. Q. Starting and Growing Mash, 1; equaled guaranty.

- Sweet Sixteen Dairy Feed, 2; equaled guaranty.
Ferncliff 24% Protein Dairy Ration, 1; equaled guaranty.
Henry Fischer Packing Co., Louisville, Ky. Inspection samples of Mellwood Brand 60% Protein Digester Tankage analyzed, 3; 2 much too low in protein.
Flemingsburg Mills, Flemingsburg, Ky. Inspection samples analyzed, 3.
Mixed Wheat Feed, 1; equaled guaranty.
Mixed Feed, 1; equaled guaranty.
Egg Mash, 1; equaled guaranty.
The Foster Canning Co., Inc., Brooklyn, N. Y. Inspection sample of Lucky Dog Food analyzed, 1; equaled guaranty.
Henry Fruechtenicht, Louisville, Ky. Inspection samples analyzed, 2.
Blue Grass Horse and Mule Feed, 1; no alfalfa meal found; wheat bran present tho not guaranteed.
"Producer Brand" 24% Protein Dairy Feed, 1; equaled guaranty.
Gaines Food Co., Sherburne, N. Y. Inspection sample of Gaines Granular Dog Food analyzed, 1; equaled guaranty.
Garland Milling Co., Greensburg, Ind. Inspection sample of Garland Mixed Wheat Feed and Screenings analyzed, 1; equaled guaranty.
Garrard Mills, Lancaster, Ky. Inspection samples analyzed, 2.
Winter Wheat Bran, 1; equaled guaranty.
Glen Lily Mixed Feed, 1; distillers dried grains substituted for brewers dried grains; ground barley present tho not guaranteed.
General Laboratories, Inc., Des Moines, Ia. Inspection sample of Blue Cross Dog Food analyzed, 1; no potassium iodide found.
Georgia Distributing Co., Atlanta, Ga. Inspection samples of "Gold Dust Brand" 41% Protein Cottonseed Meal analyzed, 5; 4 too low in protein; 3 too high in fiber.
Germantown Milling Co., Germantown, Ky. Inspection sample of Mixed Wheat Feed analyzed, 1; equaled guaranty.
Glenmore Distilleries Co., Owensboro, Ky. Inspection sample of Glenmore Distillers Dried Grains analyzed, 1; equaled guaranty.
The Glidden Co., Chicago, Ill. Inspection sample of "Diamond G Brand" New Process 44% Protein Soybean Oil Meal analyzed, 1; too low in fat.
Edw. F. Goeke Sons, Evansville, Ind. Inspection samples analyzed, 6.
Big Gee Wheat Bran, 1; equaled guaranty.
A-1 All-Mash, 1; equaled guaranty.
Big Gee Horse and Mule Feed, 1; salt present tho not guaranteed.
Big Gee Hog Feed, 1; equaled guaranty.
"New Deal" Dairy Feed, 2; too low in fat; 1 much too high in fiber; 1 excess oat hull feed present; misbranded.

- The Goldcamp Mill Co., Ironton, O. Inspection samples analyzed, 4.
Mixed Stock Feed, 1; equaled guaranty.
"Gold-Co" 16% Protein Dairy Feed, 1; adulterated with grain screenings; misbranded.
"Milk-O Brand" 24% Protein Dairy Feed, 2; too low in protein.
- Grayson Milling Co., Grayson, Ky. Inspection samples analyzed, 5.
Crushed Ear Corn, 1; equaled guaranty.
"K-Y" 20% Protein Egg Mash, 1; too low in protein.
"Honest Make Brand" 16% Protein Dairy Feed, 1; corn bran and brewers dried grains present tho not guaranteed; adulterated with lespedeza straw meal; misbranded.
"K-Y" 20% Protein Dairy Feed, 1; equaled guaranty
"Honest Make Brand" 24% Protein Dairy Feed, 1; ground corn and brewers dried grains present tho not guaranteed; adulterated with oat hull feed; misbranded.
- Green River Milling Co., Owensboro. Ky. Inspection sample of "King B" Stock Feed analyzed, 1; ingredients not as guaranteed, misbranded.
- Gwinn Bros. & Co., Huntington, W. Va. Inspection samples analyzed, 5.
Wheat Middlings, 1; equaled guaranty.
Farm Feed, 1; equaled guaranty.
Gwinn's 16% Protein Dairy Feed, 1; too high in fiber; malt sprouts present tho not guaranteed; a fibrous material composed of the rachis of the wheat stalk, present; misbranded.
"Grade A" Dairy Feed, 2; 1 too low in fat; 1 too high in fiber.
- The Gwinn Milling Co., Columbus, O. Inspection samples of Gwinn's Wheat Feed and Screenings analyzed, 2; equaled guaranty.
- Hales & Hunter Co., Chicago, Ill. Inspection samples analyzed, 11.
Wheat Middlings, 1; too high in fiber; ground screenings and weed seeds present; misbranded.
Morning Glory Chick Starter, 1; too high in fiber.
Morning Glory Growing Mash, 1; equaled guaranty.
Morning Glory Egg Mash, 1; equaled guaranty.
Red Comb Crate Fattener, 1; rolled barley substituted for rolled oats.
Red Comb Universal, 1; equaled guaranty.
Lucky Dog Pellets, 1; equaled guaranty.
Red Horn Rabbit Feed, 1; equaled guaranty.
Gold Flake Dairy Feed, 2; equaled guaranty.
Red Horn 24% Protein Dairy Feed, 1; equaled guaranty.
- The Hanley Milling Co., Mansfield, O. Inspection samples analyzed, 4.
Mixed Wheat Feed, 1; salt present tho not guaranteed.

Hanley's Flour Middlings, 1; equaled guaranty.

Hanco Special 16% Protein Dairy Feed, 1; corn gluten meal present tho not guaranteed.

Hanco Special 24% Protein Dairy Feed, 1; corn gluten meal present tho not guaranteed.

Hanson Roller Mills, Hanson, Ky. Inspection samples of Crushed Ear Corn and Shuck analyzed, 2; equaled guaranty.

R. L. Harrison & Son, Bagdad, Ky. Inspection sample of Harrison's Mixed Wheat Feed analyzed, 1; equaled guaranty.

P. H. Harsha Milling Co., Portsmouth, O. Inspection sample of Harsha's Middlings and Screenings analyzed, 1; too low in protein.

Haydon Mill & Grain Co., Springfield, Ky. Inspection samples analyzed, 3.

"Grow Quick" Starting Mash, 1; no alfalfa leaf meal found; ground oats present tho not guaranteed.

"Grow Quick" Growing Mash, 1; no ground oats found; dried buttermilk present tho not guaranteed.

Economy Feed, 1; equaled guaranty.

Henderson Elevator Co., Henderson, Ky. Inspection samples analyzed, 3.

Bullitt's All-Purpose Poultry Mash, 1; equaled guaranty.

Bullitt's Best Brand Horse and Mule Feed, 1; equaled guaranty.

Bullitt's Special Dairy Feed, 1; equaled guaranty.

V. E. Herter & Co., Dayton, O. Inspection sample of Our Economy Dairy Feed analyzed, 1; much too low in protein; misbranded; feed removed from sale.

Hirst & Begley Linseed Works, Chicago, Ill. Inspection sample of 37% Protein Old Process Linseed Oil Meal analyzed, 1; equaled guaranty.

Home Mill & Grain Co., Inc., Mt. Vernon, Ind. Inspection sample of Winter Wheat Mixed Feed and Screenings analyzed, 1; equaled guaranty.

Hook Milling Co., Hardinsburg, Ky. Inspection samples of "White Swan" Mixed Wheat Feed analyzed, 4; 3 too low in protein.

Hopkinsville Milling Co., Hopkinsville, Ky. Inspection samples analyzed, 2.

Sunflower Wheat Shorts and Screenings, 1; too high in fiber.

Hominy Feed, 1; too high in fiber, excess corn bran present.

Horse Cave Mills, Horse Cave, Ky. Inspection samples analyzed, 2
Wheat Bran and Shorts, 1; too low in protein and fat; wheat flour present.

"Superior Brand" Mixed Feed, 1; much too low in protein; wheat flour present.

- Humphreys-Godwin Co., Memphis, Tenn. Inspection samples of Dixie Brand 41% Protein Cottonseed Meal analyzed, 6; 2 too low in protein.
- Ideal Roller Mills, Falmouth, Ky. Inspection sample of Mixed Wheat Feed analyzed, 1; equaled guaranty.
- Igleheart Bros., Evansville, Ind. Inspection samples analyzed, 4. Winter Wheat Shorts and Screenings, 3; equaled guaranty. Wheat Mixed Feed and Screenings, 1; equaled guaranty.
- Illinois Cereal Mills, Inc., Paris, Ill. Inspection sample of 12% Protein Hominy Feed analyzed, 1; equaled guaranty.
- Jellico Grocery Co., Corbin, Ky. Inspection sample of Daisy Feed analyzed, 1; equaled guaranty.
- Jem Animal Food Corporation, Brooklyn, N. Y. Inspection sample of Bal-O-Ration analyzed, 1; caraway seed present tho not guaranteed.
- J. E. M. Milling Co., Frankfort, Ky. Inspection samples analyzed, 4. Capitol Egg Mash, 1; equaled guaranty. Capitol Feed, 1; no corn gluten feed or distillers dried grains found; excess screenings present; misbranded. Capitol 16% Protein Dairy Feed, 1; grain screenings present tho not guaranteed. Capitol 24% Protein Dairy Feed, 1; equaled guaranty.
- Joslin-Schmidt Corporation, Cincinnati, O. Inspection samples analyzed, 3. Dried Buttermilk, 1; equaled guaranty. Abattoir Brand 50% Protein Regular Meat Scraps, 1; equaled guaranty. Abattoir Brand 60% Protein Digester Tankage, 1; too low in protein.
- The E. Kahn's Sons Co., Cincinnati, O. Inspection sample of Kahn's Diamond K 50% Protein Meat & Bone Scraps analyzed, 1; equaled guaranty.
- Kasco Mills, Toledo, O. Inspection samples analyzed, 13. Apex Starter and Grower, 1; too high in fiber. "Oc-Sak" Laying Mash, 2; equaled guaranty. "Oc-Sak" Horse Feed, 1; equaled guaranty. Kasco Special 16% Protein Dairy Feed, 2; equaled guaranty. Kasco 16% Protein Dairy Feed, 2; 1 too low in protein and too high in fiber. Kasco 20% Protein Milk Maker, 2; equaled guaranty. Kasco Mormilk 24% Protein Dairy Ration, 1; malt sprouts present tho not guaranteed. "Oc-Sak" 24% Protein Dairy Feed, 2; equaled guaranty.

- C. H. Keeney, Ironton, O. Inspection sample of White Flour Middlings analyzed, 1; sample is brown middlings; misbranded.
- The Kentucky Chemical Manufacturing Co., Covington, Ky. Inspection sample of "K-C" 60% Protein Digester Tankage analyzed, 1; equaled guaranty.
- Kentucky Feed Mills, Louisville, Ky. Inspection samples analyzed, 37.
- Kentucky Star Starting and Growing Mash, 1; equaled guaranty.
- Premo All-Mash Starter and Grower Broiler Ration, 2; 1 no soybean oil meal found; corn gluten meal present tho not guaranteed.
- Premo Turkey Ration (All-Mash Starter and Grower), 1; no potassium iodide found.
- Premo Crate Fattener, 1; equaled guaranty.
- Premo Poultry Fattening Mash "AA", 1; too high in fiber.
- Premo Laying Mash, 3; equaled guaranty.
- Kentucky Star Laying Mash, 2; 1 no soybean oil meal found.
- Sedan Laying Mash, 2; 1 too low in protein.
- Premo Hog Feed, 1; peanut product present tho not guaranteed.
- Kentucky Star Horse and Mule Feed, 5; 1 cottonseed meal present tho not guaranteed; 1 lespedeza straw meal used instead of flax plant byproduct.
- Kentucky Star 16½% Protein Dairy Feed, 5; 1 no soybean oil meal found; 3 ingredients not as guaranteed, lespedeza straw meal used instead of lespedeza meal, adulterated and misbranded.
- Sedan 16% Protein Dairy Feed, 7; 2 too low in protein; 1 too high in fiber, no rice bran found; 3 no flax plant byproduct found; 4 screenings present tho not guaranteed, adulterated and misbranded.
- Sedan 20% Protein Dairy Feed, 1; ingredients not as guaranteed; misbranded.
- Premo Dairy Feed, 1; peanut product present tho not guaranteed.
- Success 24% Protein Dairy Feed, 1; ingredients not as guaranteed; misbranded.
- Marshall's 24% Protein Dairy Feed, 2; no rice bran found; 1 ground oats present tho not guaranteed.
- Premo 34% Protein Dairy Supplement, 1; equaled guaranty.
- F. W. Kibler Milling Co., Mt. Orab, O. Inspection samples analyzed, 3.
- Kibler's Poultry Mash, 1; no corn gluten feed found.
- Star Brand Dairy Feed, 2; ingredients not as guaranteed; misbranded.
- The Kroger Grocery & Baking Co., Cincinnati, O. Inspection samples analyzed, 10.
- Wesco Starting and Growing Mash, 1; equaled guaranty.

- Wesco Egg Mash, 2; equaled guaranty.
- Wesco 16% Protein Dairy Feed, 3; 1 no linseed oil meal found.
- Wesco 20% Protein Dairy Feed, 2; 1 no soybean oil meal found, linseed oil meal and peanut oil meal present tho not guaranteed, misbranded.
- Wesco 24% Protein Dairy Feed, 2; 1 no alfalfa meal found.
- Lake County Oil Mill, Tiptonville, Tenn. Inspection sample of 41% Protein Cottonseed Meal analyzed, 1; equaled guaranty.
- Lancaster Milling Co., Lancaster, Ky. Inspection samples analyzed, 2.
- Lamico Mixed Feed, 1; ground oats present tho not guaranteed.
- "Butterfat Brand" 16% Protein Dairy Feed, 1; equaled guaranty.
- The Larabee Flour Mills Co., Kansas City, Mo. Inspection sample of Winter Wheat Gray Shorts and Screenings analyzed, 1; equaled guaranty.
- The Larowe Milling Co., Detroit, Mich. Inspection samples analyzed, 7.
- Larro Chick Starter, 1; equaled guaranty.
- Larro Growing Mash, 1; equaled guaranty.
- Larro Turkey Grower, 1; equaled guaranty.
- Larro Egg Mash, 1; equaled guaranty.
- Larro Pig Feed, 1; equaled guaranty.
- Larro The Ready Ration for Dairy Cows, 1; equaled guaranty.
- Larro 32% Protein Dairy Feed Supplement, 1; equaled guaranty.
- Lawrenceburg Roller Mills, Lawrenceburg, Ind. Inspection samples analyzed, 2.
- "Snowflake" Middlings and Screenings, 1; equaled guaranty.
- "Farm King" Gray Shorts and Screenings, 1; equaled guaranty.
- Lewisport Mill Co., Lewisport, Ky. Inspection sample of "Farmer's Choice" Feed analyzed, 1; equaled guaranty.
- Lexington Roller Mills Co., Lexington, Ky. Inspection samples analyzed, 13.
- Thoroughbred Mill Feed, 1; equaled guaranty.
- 41% Protein Cottonseed Meal, 2; 1 too low in protein.
- "Kentucky Queen" Crate Fattener, 1; too low in fat and too high in fiber.
- "Kentucky Queen" Egg Mash, 1; equaled guaranty.
- "Kentucky Queen" Double X Egg Mash, 1; ground oats present tho not guaranteed.
- Bossie Feed, 1; excess screenings present.
- "Kentucky King" Horse and Mule Feed, 1; equaled guaranty.
- Thoroughbred 16% Protein Dairy Feed, 2; 1 screenings present tho not guaranteed; 1 ground barley present tho not guaranteed.
- Thoroughbred 20% Protein Dairy Feed, 1; too low in protein.

Thoroughbred 24% Protein Dairy Feed, 2; too low in fat; 1 much too low in protein.

Loretto Mill Co., Loretto, Ky. Inspection sample of Shipstuff analyzed, 1; too low in protein, corn bran present, misbranded.

The Loudonville Milling Co., Loudonville, O. Inspection sample of Soft Winter Wheat Middlings and Screenings analyzed, 1; equaled guaranty.

Louisa Supply Co., Louisa, Ky. Inspection sample of Standard Feed analyzed, 1; wheat bran present tho not guaranteed.

Louisville Cereal Mill Co., Louisville, Ky. Inspection samples analyzed, 4.

Nonesuch Feed, 3; too low in protein.

Nonesuch Hominy Feed, 1; too low in protein.

Louisville Feed Mills, Louisville, Ky. Inspection samples analyzed, 12.

Aetna Laying Mash, 1; equaled guaranty.

Lincoln Laying Mash, 1; equaled guaranty.

Lincoln Horse and Mule Feed, 1; only trace of corn gluten meal found.

Premier Horse and Mule Feed, 1; equaled guaranty.

Premier Sheep Feed, 1; too low in fat; no rice bran found; wheat bran present tho not guaranteed.

Aetna 16% Protein Dairy Feed, 2; too low in protein; 1 too high in fiber, lespedeza straw meal used instead of flaxplant by-product, misbranded; 1 corn gluten meal present tho not guaranteed.

Lincoln 16½% Protein Dairy Feed, 4; 1 no rice bran or soybean oil meal found, peanut product present tho not guaranteed; 2 lespedeza straw meal used instead of lespedeza meal, adulterated and misbranded.

Paragon 24% Protein Dairy Feed, 1; ingredients not as guaranteed, misbranded.

L. B. Lovitt & Co., Memphis, Tenn. Inspection samples of "Lovitt Brand" 41% Protein Cottonseed Meal analyzed, 11; 4 too low in protein.

Lyon & Greenleaf Co., Ligonier, Ind. Inspection sample of Waseo Gray Wheat Middlings analyzed, 1; equaled guaranty.

Marianna Sales Co., Memphis, Tenn. Inspection samples analyzed, 6; 2 too high in fiber; 1 too low in fat.

Marion Milling Co., Marion, Ky. Inspection sample of "Feeder's Favorite" Mixed Feed analyzed, 1; equaled guaranty.

Marion Roller Mills, Lebanon, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.

Gentry McCauley, Versailles, Ky. Inspection samples analyzed, 2.

- "Pleez-U" Sheep Feed, 1; cottonseed meal and screenings present tho not guaranteed.
- "Pleez-U" Dairy Feed, 1; ingredients not as guaranteed, misbranded.
- Geo. C. Melody, Greensburg, Pa. Inspection sample of Dr. Melody's Dog and Cat Food analyzed, 1; equaled guaranty.
- Middlesboro Milling Co., Middlesboro, Ky. Inspection samples analyzed, 5.
- Champion Mixed Feed, 1; no oat hull feed found; flaxplant by-product present tho not guaranteed.
- "Hard to Beat" Mixed Feed, 1; equaled guaranty.
- "Hi-Grade Brand" Mixed Feed, 1; equaled guaranty.
- "Good Value" 16% Protein Dairy Feed, 1; equaled guaranty.
- "Reliable Brand" 24% Protein Dairy Feed, 1; lespedeza meal substituted for alfalfa meal.
- Missouri Cotton Oil Co., Cairo, Ill. Inspection sample of "Mo-Co Brand" 41% Protein Cottonseed Meal analyzed, 1; equaled guaranty.
- Model Mills, Georgetown, Ky. Inspection samples of "Best Brand" Mixed Feed analyzed, 2; equaled guaranty.
- Monarch Milling Co., Mt. Sterling, Ky. Inspection samples analyzed, 2.
- "Superior Brand" Laying Mash, 1; too low in fat; corn feed meal present tho not guaranteed.
- Mixed Feed, 1; equaled guaranty.
- John Morrell & Co., Ottawa, Ia. Inspection sample of Red Heart Diet "A" Dog Food analyzed, 1; much too low in protein.
- Morris & Co., Chicago, Ill. Inspection sample of Morris Big Sixty Meat Meal Digester Tankage analyzed, 1; equaled guaranty.
- Moss Milling Co., Greensburg, Ky. Inspection sample of Shipstuff analyzed, 1; wheat screenings present.
- Mountain City Mill Co., Chattanooga, Tenn. Inspection samples of Blue Stock Feed analyzed, 2; 1 too low in protein.
- Munfordville Milling Co., Munfordville, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- Henry Nagel & Son, Cincinnati, O. Inspection sample of Brighton Growing Mash analyzed, 1; equaled guaranty.
- Nashville Cotton Oil Co., Nashville, Tenn. Inspection samples of 41% Cottonseed Meal analyzed, 2; too low in protein.
- National Biscuit Co., New York, N. Y. Inspection sample of "Milk Bone Brand" Junior Dog Biscuit analyzed, 1; equaled guaranty.
- National Grocery Co., Inc., Louisville, Ky. Inspection sample of "National Brand" Dog Food analyzed, 1; too high in fiber.

- National Live Stock Remedy Co., Chicago, Ill. Inspection sample of National Horse and Cattle Powder analyzed, 1; too low in fat.
- National Milling Co., Toledo, O. Inspection samples analyzed, 2.
Flour Middlings and Screenings, 1; equaled guaranty.
Namico Middlings and Screenings, 1; equaled guaranty.
- Neuhoff Packing Co., Nashville, Tenn. Inspection sample of 60% Protein Digester Tankage analyzed, 1; equaled guaranty.
- New Hiseville Milling Co., Hiseville, Ky. Inspection sample of Mixed Wheat Feed analyzed, 1; too low in protein.
- Newsome Feed & Grain Co., Pittsburg, Pa. Inspection sample of Palmo Midds analyzed, 1; equaled guaranty.
- Nicholson Mills, Henderson, Ky. Inspection sample of "Numix" Special All-Mash analyzed, 1; too high in fiber.
- Nowak Milling Corporation, Hammond, Ind. Inspection sample of Domino Butterine Dairy Feed analyzed, 1; too low in fat; no linseed oil meal found; soybean oil meal and malt sprouts present tho not guaranteed; misbranded.
- Nyal Co., Inc., Detroit, Mich. Inspection sample of K-rect Dog and Cat Food analyzed, 1; too low in fat; deficient in net weight.
- Ohio Farm Bureau Service Co., Lucasville, O. Inspection samples of Scioto Feed analyzed, 2; equaled guaranty.
- Ohio Farmers Grain & Milling Assn., Springfield, O. Inspection samples analyzed, 3.
"William Tell" Mixed Wheat Feed and Screenings, 1; equaled guaranty.
"William Tell" Middlings and Screenings, 1; equaled guaranty.
Ohio Farmers Quality Starter and Grower Mash, 1; charcoal present tho not guaranteed.
- Old Joe Distilling Co., Lawrenceburg, Ky. Inspection sample of 30% Protein Distillers Dried Grains analyzed, 1; equaled guaranty.
- Old Lewis Hunter Distillery Co., Cynthiana, Ky. Inspection sample of 28% Protein Distillers Corn Dried Grains analyzed, 1; equaled guaranty.
- Old Trusty Dog Food Co., Needham Hts., Mass. Inspection samples analyzed, 2.
Old Trusty Dog Food, 1; equaled guaranty.
Old Trusty Bovex Dog Food, 1; deficient in net weight.
- Owensboro Milling Co., Owensboro, Ky. Inspection samples analyzed, 14.
O-Mil-Co Red Dog, 1; equaled guaranty.
"TruTest Brand" Wheat Feed, 1; too high in fiber.
Mixed Wheat Feed and Screenings, 2; too low in protein; 1 too low in fat, ground corn present, misbranded.
"Ho-Mo" Feed, 1; too high in fiber.

- 41% Protein Cottonseed Meal, 1; too low in protein and too high in fiber.
- "TruTest Brand" Growing Mash, 1; too low in protein.
- "TruTest Brand" Laying Mash, 1; no corn gluten feed found; charcoal and byproducts of barley and corn present tho not guaranteed.
- Star Horse and Mule Feed, 2; equaled guaranty.
- Star Dairy Feed, 3; 1 wheat screenings present tho not guaranteed; 1 lespedeza meal present tho not guaranteed.
- "TruTest Brand" 24% Protein Dairy Feed, 1; too low in protein.
- Paramount Canning Co., Kansas City, Mo. Inspection sample of Paramount Dog Food analyzed, 1; deficient in net weight.
- Paramount Feed Co., Louisville, Ky. Inspection sample of Paramount 24% Protein Dairy Feed analyzed, 1; equaled guaranty.
- Parksville Roller Mills, Parksville, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- I. E. Payne, Eubank, Ky. Inspection sample of Farmers Choice Feed analyzed, 1; equaled guaranty.
- Pedrick Laboratories, Tulsa, Okla. Inspection sample of Vigo Dog Food analyzed, 1; much too low in protein and fat; misbranded; deficient in net weight.
- Philpot Mills, Philpot, Ky. Inspection sample of Mixed Feed analyzed, 1; too low in protein.
- Phoenix Milling Co., Providence, Ky. Inspection sample of Mixed Feed analyzed, 1; too low in fat, wheat middlings present tho not guaranteed.
- The R. C. Poage Milling Co., Ashland, Ky. Inspection samples analyzed, 9.
- Pomco Wheat Middlings and Screenings, 1; equaled guaranty.
- Pomco All-Mash Starter and Grower (With Cod Liver Oil), 1; equaled guaranty.
- Pomco 20% Protein Laying Mash (With Cod Liver Oil), 1; equaled guaranty.
- "Ideal Brand" Stock Feed, 1; too low in fat.
- Pomco 16% Protein Dairy Feed, 2; equaled guaranty.
- Vim 16% Protein Dairy Feed, 1; equaled guaranty.
- Vim 24% Protein Dairy Feed, 1; no linseed oil meal found.
- Pomco 24% Protein Dairy Feed, 1; equaled guaranty.
- Polk Miller Products Corporation, Richmond, Va. Inspection sample of Sergeant's Dog Food analyzed, 1; equaled guaranty.
- Polo Mills Co., E. St. Louis, Ill. Inspection samples analyzed, 2.
- Holsum Dairy Feed 16½% Protein, 1; no cottonseed meal found; soybean oil meal present tho not guaranteed.
- Holsum 24% Protein Dairy Feed, 1; no linseed oil meal found.

- Poole Milling Co., Poole, Ky. Inspection samples of Mixed Feed analyzed, 2; excess corn bran present.
- Pratt Food Co., Hammond, Ind. Inspection samples analyzed, 6.
- Pratts Broiler Mash, 1; equaled guaranty.
- Iroquois Growing Mash, 1; too high in fiber.
- Pratts Cak-Cak Egg Mash, 1; equaled guaranty.
- Pratts Laying Mash, 1; soybean oil meal present tho not guaranteed.
- Pratts Rabbit Feed, 1; equaled guaranty.
- Pratts Sweet 16% Protein Dairy Feed, 1; equaled guaranty.
- Purcell Seed Co., Evansville, Ind. Inspection samples analyzed, 3.
- "New Idea" All-Mash Poultry Ration, 1; equaled guaranty.
- "New Idea" All-Mash Poultry Ration (With Cod Liver Oil), 1; equaled guaranty.
- "New Idea" Dairy Feed, 1; too low in fat; milk product present tho not guaranteed; excess screenings present; misbranded.
- W. E. Pyles, Maysville, Ky. Inspection sample of Pyles Laying Mash analyzed, 1; equaled guaranty.
- Quaker Oats Co., Chicago, Ill. Inspection samples analyzed, 5.
- Oat Hull Feed and Molasses, 1; equaled guaranty.
- Vim Brand Oat Hull Feed, 1; equaled guaranty.
- Quaker Ful-O-Pep Chick Starter, 1; equaled guaranty.
- Quaker Green Cross Horse Feed, 1; equaled guaranty.
- Quaker 24% Protein Dairy Ration, 1; equaled guaranty.
- Ralston Purina Co., St. Louis, Mo. Inspection samples analyzed, 20.
- Purina Chicken Fatena Checkers, 1; equaled guaranty.
- Purina Lay Chow, 1; equaled guaranty.
- Purina Layena (Complete Ration), 1; equaled guaranty.
- Purina Turkey Growing and Fattening Chow, 1; equaled guaranty.
- Purina Rabbit Chow, 1; equaled guaranty.
- Purina Dog Chow, 3; equaled guaranty.
- Purina Pig and Hog Chow, 1; equaled guaranty.
- Purina Hog Fatena, 1; equaled guaranty.
- Purina Dry and Fitting Chow (For Dairy Stock), 1; equaled guaranty.
- Purina Bulky Las Chow, 1; equaled guaranty.
- Good Luck 16% Protein Feed, 1; too low in protein.
- "Protena Brand" 16% Protein Dairy Feed, 1; equaled guaranty.
- "Protena Brand" 16% Protein Dairy Feed (Southern States), 1; equaled guaranty.
- Purina Blue Checker 20% Protein Cow Chow, 1; equaled guaranty.
- Purina Green Checker Cow Chow, 4; equaled guaranty.
- Randolph Milling Co., Bandana, Ky. Inspection sample of O-Joy analyzed, 1; too low in protein and fat; wheat flour present.

- Rapier Sugar Feed Co., Owensboro, Ky. Inspection samples analyzed, 8.
Rapier's All-Mash Starter-Grower-Layer, 1; equaled guaranty.
Rapier's Barley Screenings and Cane Molasses, 1; lespedeza meal present tho not guaranteed.
Rapier's "Jersey Cream Brand" 16% Protein Dairy Feed, 4; 2 too high in fiber; 1 no alfalfa meal found; 1 lespedeza meal present tho not guaranteed; 2 lespedeza meal used instead of alfalfa meal.
Rapier's Golden Rod 24% Protein Dairy Feed, 2; 1 lespedeza meal used instead of alfalfa meal.
- The Rath Packing Co., Waterloo, Ia. Inspection samples of "Dog-Gon" Good Dog Food analyzed, 2; equaled guaranty.
- Red River Mills, Adairville, Ky. Inspection sample of Shipstuff analyzed, 1; too low in protein, wheat flour present.
- Republic Food Products Co., Chicago, Ill. Inspection sample of Vim Dog Food analyzed, 1; deficient in net weight.
- Rich Products Corporation, Chicago, Ill. Inspection sample of Evr-Redy Dog Food analyzed, 1; equaled guaranty.
- R. D. Riedling, Louisville, Ky. Inspection sample of R. D.'s Feed analyzed, 1; too low in fat.
- Rival Packing Co., Chicago, Ill. Inspection sample of Rival Brand Dog Food analyzed, 1; equaled guaranty.
- Riverdale Products Co., Chicago, Ill. Inspection sample of Chapman's Red Top 50% Protein Meat and Bone Meal analyzed, 1; equaled guaranty.
- B. E. Roberts & Son, Mill Springs, Ky. Inspection sample of Mixed Wheat Feed analyzed, 1; equaled guaranty.
- Robinson Milling Co., Somerset, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- G. P. Rose & Co., Nashville, Tenn. Inspection sample of Blue Ribbon Brand Dog Food analyzed, 1; deficient in net weight.
- Sacramento Milling Co., Sacramento, Ky. Inspection samples of Mixed Feed analyzed, 2; 1 too low in fat.
- Salt Lick Roller Mills, Salt Lick, Ky. Inspection samples analyzed, 2.
"Perfect Brand" Mixed Wheat Feed, 1; equaled guaranty.
"Perfect Brand" X Mixed Feed, 1; equaled guaranty.
- Sandusky Bros., Harrodsburg, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- Sandy's Pet Foods, Inc., Chicago, Ill. Inspection samples of Sandy's Dog Food analyzed, 2; 1 deficient in net weight.
- Sandy Valley Grocery Co., Ashland, Ky. Inspection samples analyzed, 10.
Our Pride Starting Mash, 1; equaled guaranty.

- Our Pride Growing Mash, 1; equaled guaranty.
Our Pride Egg Mash, 2; equaled guaranty.
Economy 16% Protein Dairy Feed, 2; equaled guaranty.
Our Pride 20% Protein Dairy Feed, 2; equaled guaranty.
Our Pride 24% Protein Dairy Feed, 2; equaled guaranty.
W. N. Scoville, London, Ky. Inspection sample of Mixed Wheat Feed analyzed, 1; too low in fat.
Sebree Milling Co., Sebree, Ky. Inspection sample of Cream Patent Feed analyzed, 1; too low in protein; excess corn bran present.
Security Mills, Knoxville, Tenn. Inspection sample of Security Dairy Feed analyzed, 1; distillers dried grains present tho not guaranteed.
Shaver & Elkins, Greenville, Ky. Inspection sample of "R. B." Wheat Mixed Feed analyzed, 1; too low in protein and fat; wheat flour present.
Shepherdsville Roller Mills, Shepherdsville, Ky. Inspection sample of Special Stock Mixture analyzed, 1; equaled guaranty.
J. Allen Smith & Co., Knoxville, Tenn. Inspection samples analyzed, 2.
"Peerless Brand" Feed, 1; equaled guaranty.
"Butter Fat Brand" Feed, 1; equaled guaranty.
Smithfield Milling Co., Smithfield, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
Southern Cottonseed Products Co., Atlanta, Ga. Inspection sample of 41% Protein Cottonseed Meal analyzed, 1; too low in protein and too high in fiber.
Southern Feed & Grain Co., Louisville, Ky. Inspection samples analyzed, 3.
"Ideal Brand" Chick Starter, 1; equaled guaranty.
"Sugar S Brand" 16% Protein Dairy Feed, 1; equaled guaranty.
Atlas Dairy Feed, 1; equaled guaranty.
Southern Indiana Reduction Co., Salem, Ind. Inspection sample of Salem 55% Protein Tankage analyzed, 1; much too low in protein; misbranded.
Southern Star Roller Mills, Perryville, Ky. Inspection sample of Mixed Feed analyzed, 1; too low in fat.
Woodford Spears & Sons, Paris, Ky. Inspection sample of Bourbon Mill Feed analyzed, 1; excess corn bran present.
Spratt's Patent (America), Ltd., Newark, N. J. Inspection samples of Spratt's Puppy Cakes analyzed, 2; 1 salt present tho not guaranteed.
The George T. Stagg Co., Frankfort, Ky. Inspection sample of Distillers Dried Grains analyzed, 1; equaled guaranty.
Stanard-Tilton Milling Co., St. Louis, Mo. Inspection sample of

- American Beauty Wheat Mixed Feed and Screenings analyzed, 1; equaled guaranty.
- Standard Milling Co., Inc., W. Louisville, Ky. Inspection sample of Mixed Wheat Feed and Screenings analyzed, 1; too low in protein and fat; excess screenings present.
- Standard Milling Co., Elkton, Ky. Inspection samples of Mixed Feed analyzed, 2; too low in protein; wheat flour present.
- Star Milling Co., Clinton, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- St. Louis Mills Co., E. St. Louis, Ill. Inspection sample of Gilt Edge 16% Protein Dairy Feed analyzed, 1; less than 3% each of alfalfa meal and wheat bran present.
- Sturgis Elevator and Milling Co., Sturgis, Ky. Inspection sample of Smith's Special Dairy Feed analyzed, 1; much too low in protein; no alfalfa meal found; misbranded.
- Sunnyside Milling Co., Evansville, Ind. Inspection samples analyzed, 2.
- Winter Wheat Shorts and Screenings, 1; too high in fiber.
- Winter Wheat Mixed Feed and Screenings, 1; equaled guaranty.
- K. Taylor Distilling Co., Frankfort, Ky. Inspection sample of Distillers Corn Dried Grains analyzed, 1; equaled guaranty.
- Tell City Flouring Mills, Tell City, Ind. Inspection samples analyzed, 4.
- Hoosier Poultry Scratch Feed, 1; less than 3% each of barley and oats present.
- Hoosier Egg Mash (With Cod Liver Oil), 1; equaled guaranty.
- "Hoosier Special" Feed, 1; equaled guaranty.
- Hoosier Dairy Feed, 1; too low in protein.
- Thomson's Mill, Madisonville, Ky. Inspection samples analyzed, 5.
- "Thomson's Best" Wheat Mixed Feed, 1; too low in protein and fat; wheat flour present.
- Thomson's Special Mixed Feed, 3; 2 much too low in protein and fat, corn feed meal present tho not guaranteed, misbranded.
- "Yellow Bird" Cow Feed, 1; too low in protein.
- The ThoroBread Co., Cincinnati, O. Inspection sample of ThoroBread Dcg and Puppy Food analyzed, 1; too high in fiber.
- The Toledo Grain & Milling Co., Toledo, O. Inspection sample of Camp's "Invincible Brand" Horse Feed analyzed, 1; equaled guaranty.
- W. Trow Co., Madison, Ind. Inspection samples analyzed, 2.
- Trow's Mixed Wheat Feed and Screenings, 1; equaled guaranty.
- Trow's Farm-Aid Laying Mash, 1; too high in fiber.
- The Ubiko Milling Co., Cincinnati, O. Inspection samples analyzed, 22.
- Ubiko Mash Balancer, 1; equaled guaranty.

- Sunbeam All-Mash Growing Ration, 1; equaled guaranty.
- Ubiko All-Mash Starter, 2; equaled guaranty.
- Ubiko All-Mash Developer, 1; equaled guaranty.
- Ubiko Egg Mash, 1; equaled guaranty.
- Crusader Horse Feed, 1; equaled guaranty.
- Ubiko Hog Feed, 1; equaled guaranty.
- Ubiko Pig and Sow Ration, 1; too high in fiber.
- Ubiko 36% Protein Hog Supplement, 1; too high in fiber.
- Honeycomb Sweet Feed, 2; 1 distillers dried grains present tho not guaranteed; 1 only trace of alfalfa meal present.
- "Clover Bloom" Sweet 16% Protein Dairy Feed, 5; 3 no alfalfa meal found; 1 soybean oil meal present tho not guaranteed; 1 ingredients not as guaranteed, adulterated and misbranded.
- 20% Protein Sunbeam Dairy Ration, 1; equaled guaranty.
- 24% Protein Sunbeam Dairy Ration, 1; equaled guaranty.
- 24% Protein Sweet Union Grains Dairy Ration, 3; 1 soybean oil meal present tho not guaranteed.
- Uniontown Roller Mills, Uniontown, Ky. Inspection samples analyzed, 2.
- Gray Shorts, 1; too low in protein.
- Wheat Mixed Feed, 1; too low in protein.
- Van Meter-Terrell Co., Lexington, Ky. Inspection samples analyzed, 2.
- Ground Yellow Corn, 1; equaled guaranty.
- Ground Oats, 1; equaled guaranty.
- Vaughn Milling Co., Richmond, Ky. Inspection sample of Vaughn Mixed Feed analyzed, 1; equaled guaranty.
- Vevay Flour Mills, Vevay, Ind. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- Vitality Mills, Chicago, Ill. Inspection sample of Sweet Honey Bee Dairy Feed analyzed, 1; equaled guaranty.
- Lewis Wade, Crofton, Ky. Inspection sample of Wade's Special Dairy Feed analyzed, 1; equaled guaranty.
- Walgreen Co., Chicago, Ill. Inspection sample of "Po-Do" Dog Food analyzed, 1; deficient in net weight.
- James Walsh & Co., Lawrenceburg, Ind. Inspection sample of Walsh Distillers Corn Dried Grains analyzed, 1; equaled guaranty.
- Walton Feed Mills, Walton, Ky. Inspection sample of "Unique" Egg Mash analyzed, 1; equaled guaranty.
- Washburn Crosby Co., Louisville, Ky. Inspection samples analyzed, 2.
- "Sonny South" Wheat Brown Shorts and Screenings, 1; equaled guaranty.
- "Sonny South" Wheat Mixed Feed and Screenings, 1; equaled guaranty.

Waynesburg Roller Mills, Waynesburg, Ky. Inspection sample of Horton's Mixed Wheat Feed analyzed, 1; equaled guaranty.

Weisenberger Sanitary Flour Mills, Midway, Ky. Inspection samples analyzed, 2.

"Repeater" Laying Mash, 1; equaled guaranty.

"Repeater" Feed, 1; excess corn bran present.

West Ninth Street Mill, Owensboro, Ky. Inspection sample of "Quality Brand" Dairy Feed analyzed, 1; equaled guaranty.

Wyatt Milling Co., Benton, Ky. Inspection sample of Mixed Wheat Feed and Screenings analyzed, 1; too low in protein and fat.

Yopp Seed Co., Paducah, Ky. Inspection sample of "Manamar Brand" All-Mash analyzed, 1; equaled guaranty.

J. W. Zaring Grain & Mill Co., Richmond, Ky. Inspection sample of Bonanza Feed analyzed, 1; too low in protein; excess corn bran present.

Ziliak & Schafer Milling Co., Evansville, Ind. Inspection samples analyzed, 5.

Wheat Bran and Screenings, 1; too high in fiber.

Lamey's Three-in-One Mash (Modernized), 1; no linseed oil meal or soybean oil meal found.

Elite Horse and Mule Feed, 1; salt present tho not guaranteed.

Lamey's Special Dairy Feed, 2; 1 adulterated with excess screenings, misbranded.