

Kentucky Agricultural Experiment Station

UNIVERSITY OF KENTUCKY

**COMMERCIAL FEEDS IN KENTUCKY
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The consumption of commercial feeds in the State, in 1934, estimated from license tags sold, was about the same as in 1933, tho prices increased materially. During the year, 1,175 samples were analyzed and reported to those concerned. The results showed that the commercial feeds on the market in Kentucky were of high quality and free from adulteration and misbranding. Manufacturers conformed well to their guaranties and the feeders of the State were able to obtain commercial feeds of high quality, at reasonable prices. Three important feed products came into use in large volume this year, distillers' dried grains, brewers' dried grains and lespedeza. These are desirable feeds and their cost is reasonable.

DISTILLERS' AND BREWERS' DRIED GRAINS

The increased production of whisky and beer made available a large tonnage of distillers' and brewers' dried grains, both stock feeds of high quality. These products are defined as follows: Distillers' corn dried grains and Distillers' rye dried grains are the dried residues obtained in the manufacture of alcohol and distilled liquors from grain. The product must bear the designation indicating the cereal predominating.

Brewers' dried grains is the dried residue obtained in the manufacture of beer.

The residue left after distillation of the fermented mash, in the manufacture of alcohol from grain, whether for beverage or industrial use, is a thick slop of which about 95 percent is water and about five percent is solids, part in solution, but about four-fifths in the form of solid particles suspended in the liquid. Fermentation has removed most of the starch originally present in the grain, but practically all the protein, fat and fiber remain, so that this solid matter is richer in protein and fat, than the grain. It is a desirable protein feed, when separated from the water. The usual procedure is to strain or press out as much of the suspended matter as practicable, dry it and market it as distillers' dried grains. Sometimes the thin liquid that goes thru the strainers is evaporated and the residue added to the main part. This procedure adds to the grains mineral matter and protein that otherwise would be wasted.

In brewing there is no distillation because the liquid is made directly into beer, but the general process of straining out the suspended matter and drying the byproduct is about the same as with distillers' grains. The byproduct is similar in feed value to distillers' dried grains, since the fermentation has concentrated the protein, fat, and fiber thru the elimination of starch.

Distillers' grains differ in character according to the kinds and proportions of grain used. If the proportion of corn is 90 percent, as in making straight corn whisky and alcohol, the residue is 30 to 35 percent protein, an exceedingly rich feed. A recent sample analyzed, protein 34.8 percent, fat 11.4 percent, fiber 9.5 percent. 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' and brewers' dried grains are high in protein and fat, and make excellent supplements for home-grown and other low-protein materials used in feeds, especially dairy feed. While they are high in digestible protein and carbohydrates, they cannot properly be compared with oil meals and some other

byproducts used as supplements, because distillers' dried grains contain protein from three different kinds of grain, namely corn, rye and barley, and the protein differs in kind and quality from that of other materials. Brewers' dried grains contain protein of one grain only and differ in character more or less from other feed materials.

LESPEDEZA

In 1934, lespedeza was grown extensively in the State. Much of the hay was ground and used as lespedeza meal in mixed and special-purpose feeds. Analyses of samples of lespedeza meal ranged from 9.50 percent to 15.50 percent protein, 2 percent to 3.50 percent fat and 25 percent to 30 percent fiber. The analysis of lespedeza is somewhat lower than that of alfalfa grown in the same sections in Kentucky and the feed quality seems to be correspondingly lower. Lespedeza seed are very rich in nutrients, analyzing from 30 to 45 percent protein, 10 to 16 percent fat and 8.50 to 10.75 percent fiber.

Because of the interest among farmers in including lespedeza as a part of their program a great demand for seed was created. Threshing for seed was done on a large scale and two byproducts were obtained, screenings and stems. The screenings consist of materials common to the cleaning of seeds, such as weed seeds, hulls, chaff, stems, sticks, straw, dirt and sand. The screenings vary in quality according to the amount of lespedeza and weed seeds they contain, especially the lespedeza seed. The analyses range from 15 to 30 percent protein, 4 to 6 percent fat and 9 to 20 percent fiber.

The stems are ground and often are added to mixed feeds as lespedeza meal. When this is done it is misbranding which is a violation of the law. Stem meal varies somewhat in analysis according to the efficiency of the threshing process and the degree of ripeness of the hay. The more seed left in the stem byproduct, the higher the analysis will be. Analyses range in protein from 5 to 10 percent, fat from 1.50 to 2 percent, and fiber from 28 to 45 percent.

FAT CONTENT OF COMMERCIAL FEEDS

The fat content of feeds varied more than usual during the year. In many instances it was apparent that this was because

of the more perfect process of fat extraction in the manufacture of materials for human foods, the byproducts from which go into feeds. Examples: Meat byproducts were offered for registration under a guaranty of 0.5 percent fat; soybean oil meal 0.5 percent; corn gluten meal 1 percent; other oil-mill byproducts materially below former percentages; some wheat feeds and other byproduct feeds are very much lower in fat than formerly. When byproducts low in fat content are used in mixed and special-purpose feeds, the fat content of the mixture is perceptibly reduced.

Modern methods of manufacture which affect the fat content of byproducts also may affect the mineral and vitamin contents. Manufacturers have sensed this fact and are endeavoring to meet this condition by making special supplement mixtures containing mineral- and vitamin-carrying materials to be combined with basic feed materials.

When a byproduct material has had nearly all the oil extracted, the keeping quality of the material may be affected. Oil is a protective substance, but it is problematical whether oil from another source when added as a supplement will preserve the basic product from which its natural oil has been almost entirely extracted.

Too much oil may have just as bad effect on the keeping quality of feed materials. Frequently, byproducts have been noted with oil content in excess of that amount occurring in the natural products. Tankage and rice bran are examples. Materials with excessive oil become rancid and would therefore affect any material with which they are mixed. During the year we have experienced high fat contents—greatly in excess of guaranties—apparently by reason of such products as noted above.

Manufacturers using cod liver oil should include the amount as part of the fat guaranty. It was evident in many instances that guaranties in fat were based on the ingredients other than cod liver oil. The fat determination is an excellent means of detecting whether or not ingredients present are as guaranteed. Manufacturers should make reasonably accurate fat guaranties.

FILLER FEEDS

In this class are grouped all feeds containing one or more materials of little or no feeding value. These feeds are called by the trade "yellow tag" or "adulterated" feeds. It is by the use of such fillers without declaration that most of the adulteration and misbranding is done. The most common fillers are screenings and screenings waste, oat hulls, clipped oat by-product, flax plant byproduct, alfalfa stem meal and, more recently, lespedeza stem meal. Fillers used vary in kind and quality according to availability and price. Often a feeder has materials going to waste on his own farm which have as much feed value as some of the filler materials he buys in mixed feeds at handsome prices.

If fillers or adulterants when mixed with feeds could be placed on their own merit both in feed and money value, there could be little objection to using them in commercial feeds. But when disguised in whole or part by other materials, and sold to feeders at prices not commensurate with their feed value, such practice becomes objectionable from a legal as well as an economic standpoint.

Poisons, especially cumulative poisons, molds, disease germs and injurious materials are most likely found in the filler feeds that contain damaged and inferior grains and waste materials. Careful consideration should be given by feeders when buying such materials in feeds.

Filler feeds are rarely uniform. It is safe to say that no two shipments of the same brand of filler feed will have the same quality filler. Therefore, the feeder cannot expect uniform and satisfactory results in feeding such feeds.

DOG FOODS

During the last two or three years a tremendous trade in canned dog food has developed. It has been stated on good authority that canned dog food stood first, in 1934, in output of canned goods. Canned tomato goods stood second and this product exceeded five hundred million cans. Whether this estimate is correct or not, it is certain that the volume of canned

dog food is tremendous. The dog food industry has increased so rapidly that the business at this time is in a chaotic condition. In many instances the names of the products are misleading as to their composition, the ingredients incorrectly stated and the claims for the products extravagant. In addition to statements of content, such statements as "Government inspected", "Fit for human food" are often printed on the labels. It is reported on good authority by handlers of these products that in the larger cities a considerable amount of dog food is consumed by needy folk.

The manufacturing plants of this class of food are situated at strategic points to supply of materials, such as beef and beef byproducts, horse meats, fish and animal byproducts. These foods have as a base, an animal byproduct supplemented with cereals and other materials such as wheat, oats, soybean oil meal, rice, barley, alfalfa leaf meal, carrots, salt and cod liver oil.

The feedstuffs law requires all dog foods, regardless of the way they are packed, to be registered with the Feed Department of the Kentucky Agricultural Experiment Station and labeled with a State official label giving the manufacturer's guaranty, as in all stock foods. To offer for sale or sell any dog foods in the State, unless properly registered and labeled, is a violation of the State feed law and subjects the offender to prosecution.

MISCELLANEOUS ANALYSES

From year to year, the Department has made analyses of samples of feed and feed materials of a miscellaneous nature. Table 1 contains analyses of such samples received during 1933 and 1934. Earlier analyses of a similar nature are reported in Bulletin No. 340. Tables 2 and 3 include samples analyzed by the Department as a check on products found on the market. Extreme variation was noted in many instances due in part to the many processes and formulas in use in the revived brewing and distilling industry. Table 4 contains results of investigational work with oats. Table 5 contains results of investigational work with lespedeza.

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TABLE 1. Miscellaneous Analyses.

MATERIAL	Protein Percent	Fat Percent	Fiber Percent	Ash Percent	Water Percent	N. F. Extract Percent
Alfalfa hay	17.15	3.19	25.73	6.80	8.28	33.85
Alfalfa hay	14.71	1.89	25.61	6.86	17.30	33.63
Alfalfa seed	35.30	11.53	7.35	3.39	6.11	36.32
Barley malt, ground	12.50	2.23	4.60	.....	.....	.....
Barley malt, ground	12.75	2.17	5.58	.....	.....	.....
Bluegrass, dried	21.45	4.60	21.15	7.68	6.08	39.04
Clover, alsike, seed	32.15	4.91	11.50	3.88	7.47	40.09
Clover, red, seed	35.35	8.48	9.35	3.73	7.08	36.01
Clover, red, seed	35.70	8.30	9.55	3.78	7.50	35.17
Clover, white sweet, seed	36.20	5.83	9.01	3.88	7.12	37.96
Coffee	13.39	13.88	20.85	4.44	3.47	44.06
Coffee screenings	13.35	8.55	27.45	5.48	5.05	40.12
Dodder seed	13.30	5.14	17.68	5.40	8.60	49.88
Flax plant byproduct	5.65	2.11	41.63	.....	.....	.....
Flax plant byproduct	6.95	2.80	38.73	.....	.....	.....
Hops, Oregon	13.30	17.90	19.78	.....	.....	.....
Paspalum seed	9.25	2.63	22.50	1.53	10.00	54.09
Peanut coating (red cover- ings)	17.80	30.00	10.88	.....	.....	.....
Peanut husks and meal	20.40	32.11	8.70	.....	.....	.....
Ragweed seed (Ambrosia artemisiae folia)	24.25	17.60	30.50	4.30	7.08	15.89
Soybeans	33.95	21.38	4.88	5.82	7.64	26.33
Soybean hay, early cut (Fayette County)	13.42	1.72	34.10	7.74	8.94	34.08
Soybean hay, early cut (Fayette County)	14.00	1.33	32.55	7.30	11.85	32.92
Soybean hay, late cut (Fayette County)	15.90	5.47	31.65	5.88	8.11	32.99
Soybean hay, late cut (Fayette County)	15.00	4.66	30.95	5.47	13.05	30.82
Soybean hay, late cut	13.20	2.76	35.40	9.34	8.93	30.07
Soybean hay	12.40	2.56	25.68	7.35	13.98	30.03
Soybean hay	16.04	4.48	26.86	6.17	18.61	27.84
Soybean hay	11.99	2.25	24.78	7.95	16.71	36.32
Soybean hay, capped	15.44	2.25	30.21	7.82	14.25	30.03
Soybean hulls	4.80	1.73	34.20	7.07	7.91	44.24
Soybean pulp	30.45	13.78	13.08	3.40	8.40	30.89
Weed seeds (twelve com- mon varieties)	13.90	9.65	21.50	4.60	8.95	41.40
Wheat, whole (Montgomery County)	11.00	1.95	1.85	1.53	12.02	71.65

TABLE 2. Brewers' Byproducts.

MATERIAL	Protein Percent	Fat Percent	Fiber Percent	Ash Percent	Water Percent	N. F. Extract Percent
Brewers' dried grains	19.80	7.45	17.45	.....	.....	.....
Brewers' dried grains	23.00	7.39	17.45	.....	.....	.....
Brewers' dried grains	22.75	7.48	16.35	.....	.....	.....
Brewers' dried grains	24.15	7.85	14.50	.....	.....	.....
Brewers' dried grains	22.65	7.53	15.48	.....	.....	.....
Brewers' dried grains	20.80	7.55	16.03	.....	.....	.....
Brewers' wet grains	6.13	2.39	6.63	1.49	67.90	15.76

TABLE 3. Distillers' Byproducts.

MATERIAL	Protein Percent	Fat Percent	Fiber Percent	Ash Percent	Water Percent	N. F. Extract Percent
Distillers' dried grains	30.05	12.28	11.55	1.86	5.71	38.55
Distillers' dried grains	29.80	9.48	11.90	1.60	7.30	40.42
Distillers' dried grains	31.25	16.50	8.18	.....	.....	.....
Distillers' dried grains	29.35	11.53	13.75	.....	.....	.....
Distillers' dried grains	32.15	.....	.....	.....	4.16	.....
Distillers' dried grains	31.60	10.01	13.23	1.75	2.68	40.73
Distillers' dried grains	30.30	9.43	13.48	.....	.....	.....
Distillers' dried grains	32.65	9.43	13.15	.....	.....	.....
Distillers' dried grains	26.95	9.61	13.30	1.80	6.11	42.23
Distillers' dried grains	27.25	9.40	14.18	.....	.....	.....
Distillers' dried grains	30.85	11.20	11.60	2.51	4.40	39.44
Distillery slop, light	1.64	1.14	0.18	0.32	95.66	1.06
Distillery slop, light	1.36	0.74	0.20	0.31	95.94	1.45
Distillery slop, light	0.91	0.77	0.14	0.24	96.76	1.18
Distillery slop, heavy	2.54	1.14	0.80	0.29	91.79	3.44
Distillery slop, evaporated..	4.36	3.30	0.78	0.97	85.27	5.32

TABLE 4. Oat Products

MATERIAL	Protein Percent	Fat Percent	Fiber Percent	Ash Percent	Water Percent	N. F. Extract Percent
Oat groats, commercial	19.40	.....	.....	.....	.....	.....
Oat groats, commercial	18.55	6.85	3.60	.....	.....	.....
Oat groats, commercial	17.40	6.40	3.25	2.48	9.88	60.59
Oats, grain	13.90	5.10	8.90	3.64	7.97	60.49
Groats from same lot	18.05	6.10	2.15	2.48	8.70	62.52
Hulls from same lot	2.20	0.68	29.88	.....	3.93	.....
Oats, grain	13.95	4.73	9.40	3.88	8.59	59.45
Groats from same lot	18.55	5.85	2.48	2.96	8.79	61.37
Hulls from same lot	2.60	0.75	30.70	.....	4.60	.....
Oats, grain	13.60	4.49	11.28	3.90	7.80	58.93
Groats from same lot	18.85	6.11	2.10	2.75	8.43	61.76
Hulls from same lot	2.40	0.55	30.40	.....	5.38	.....
Oatmeal, commercial	15.90	5.98	3.00	2.33	8.83	63.96
Oatmeal, commercial	14.50	3.28	5.05	2.79	9.50	64.88
Oatmeal, commercial	17.00	6.18	3.20	2.22	9.04	62.36

TABLE 5. Lespedeza Products.

MATERIAL	Protein Percent	Fat Percent	Fiber Percent	Ash Percent	Water Percent	N. F. Extract Percent
Lespedeza seed (Fayette County)	41.75	7.39	8.88	4.95	8.94	28.10
Lespedeza seed (Henderson County)	41.05	8.14	9.30	3.90	7.05	30.56
Lespedeza seed (Henderson County)	37.80	8.93	9.63	4.38	7.13	32.13
Lespedeza seed (Henderson County)	40.55	7.25	10.25	4.30	7.28	30.37
Lespedeza seed (Henderson County)	39.10	7.28	10.43	4.43	7.23	31.53
Lespedeza seed (Lincoln County)	38.80	8.32	8.95	4.08	11.98	27.87
Lespedeza seed (Madison County)	35.00	9.17	9.93	5.00	7.80	33.10
Lespedeza seed (Taylor County)	34.50	7.35	10.65	3.85	7.45	36.20
Lespedeza seed (Woodford County)	39.45	8.30	8.43	4.85	8.38	30.59
Lespedeza screenings (high quality)	28.75	5.93	9.68	.....	.....	.....
Lespedeza screenings (high quality)	30.00	5.95	10.43	.....	.....	.....
Lespedeza screenings (high quality)	30.25	6.13	8.80	18.55	8.60	27.67
Lespedeza screenings (high quality)	28.35	5.93	9.25	19.52	7.75	29.00
Lespedeza screenings (high quality)	27.35	6.01	10.73	16.07	10.24	29.60
Lespedeza screenings (high quality)	29.15	5.53	8.25	23.94	9.09	24.04
Lespedeza screenings (medium quality)	20.45	4.63	18.03	13.43	9.03	34.43
Lespedeza screenings (low quality)	14.90	4.08	16.35	.....	.....	.....
Lespedeza hay, Sericea	15.95	2.04	27.88	7.08	7.88	39.17
Lespedeza straw	4.90	2.35	38.70	.....	.....	.....
Lespedeza straw	6.40	2.30	29.82	.....	.....	.....

SUMMARY OF RESULTS OF INSPECTION AND ANALYSIS

- Acme-Evans Co., Indianapolis, Ind. Inspection samples analyzed, 7.
 Acme Pure Bran, 1; equaled guaranty.
 Acme Middlings and Screenings, 1; too high in fiber.
 Acme Feed, 2; equaled guaranty.
 Producer Dairy Feed, 1; wheat bran and corn gluten feed present tho not guaranteed; excess fillers present; adulterated and misbranded.
 D-Light-U 16½% Dairy Feed, 1; too high in fiber, no salt found; excess oat hulls in screenings.
 Acme 20% Pailfill Dairy Feed, 1; corn gluten meal present tho not guaranteed; no soybean oil meal found; excess screenings present; misbranded.
- The Acme Mills, Hopkinsville, Ky. Inspection samples analyzed, 3.
 Wheat Shorts, 2; 1 too low in protein, screenings present tho not guaranteed.
 Heavy Work Horse and Mule Feed, 1; equaled guaranty.
- Alfocorn Milling Co., E. St. Louis, Ill. Inspection samples analyzed, 6.
 "Alfocorn Dollar Mark" Rabbit Feed, 1; equaled guaranty.
 Full Pail 16% Protein Dairy Feed, 2; 1 too low in fat; 1 no corn feed meal found, brewers dried grains present tho not guaranteed, excess cocoa shell meal present, misbranded.
 Alfocorn Milk Maker 24% Protein Dairy Feed, 3; equaled guaranty.
- E. T. Allen Co., Atlanta, Ga. Inspection samples of "Empire" 41% Protein Cottonseed Meal analyzed, 2; equaled guaranty.
- The Allen & Wheeler Co., Troy, O. Inspection samples analyzed, 2.
 Trojan Spring Middlings and Screenings, 1; equaled guaranty.
 Trojan Su-Kow Dairy Feed, 1; excess fillers present.
- Allied Mills, Chicago, Ill. Inspection samples analyzed, 14.
 Wayne Chick Starter (With Sardine Oil), 1; equaled guaranty.
 Wayne Starter & Grower, 1; equaled guaranty.
 Wayne Egg Mash, 1; equaled guaranty.
 Red Feather Egg Mash, 2; 1 too low in protein.
 Wayne 26% Mash Supplement, 1; equaled guaranty.
 Wayne 40% Hog Supplement, 1; no linseed oil meal found.
 Wayne Supreme Horse Feed, 1; equaled guaranty.
 Arab Horse Feed, 1; equaled guaranty.
 Sucrene Horse and Mule Feed, 1; equaled guaranty.
 Empire 16½% Protein Dairy Ration, 1; equaled guaranty.
 Sucrene 16½% Protein Dairy Ration, 1; equaled guaranty.
 Sucrene 20% Protein National Dairy Ration, 1; equaled guaranty.
 Wayne 20% Protein National Dairy Ration, 1; equaled guaranty.

- Always-A-Head Mills, E. St. Louis, Ill. Inspection samples analyzed, 3.
Always-A-Head 18% Protein Laying Mash, 1; equaled guaranty.
Do-Mor Horse and Mule Feed, 1; equaled guaranty.
Always-A-Head 24% Protein Dairy Feed, 1; equaled guaranty.
- Anderson & Spilman, Danville, Ky. Inspection samples analyzed, 5.
Anderson & Spilman Snow Flake Feed, 1; equaled guaranty.
Economy All-Mash Starting and Growing Feed, 1; equaled guaranty.
Economy Egg Mash, 1; equaled guaranty.
Economy 16% Dairy Feed, 1; brewers dried grains and oat hull feed present tho not guaranteed; adulterated and misbranded.
"Milk Maker" 24% Dairy Feed, 1; too low in protein.
- Anglo-American Mill Corporation, Owensboro, Ky. Inspection sample of "Ace" Special Stock Feed analyzed, 1; equaled guaranty.
- Arcady Farms Milling Co., Chicago, Ill. Inspection samples analyzed, 11.
Arcady Besbet Laying Mash, 1; equaled guaranty.
Sunkist Egg Mash, 1; wheat middlings present tho not guaranteed; adulterated with oat hulls; misbranded.
Wonderfat Station Feed, 2; equaled guaranty.
Arcady Sweet 16% Dairy Feed, 2; 1 no linseed oil meal found.
Old Colony Feed, 2; brewers dried grains substituted for distillers dried grains; adulterated with oat hull feed; misbranded.
Wonder Dairy Ration, 1; adulterated with oat hull feed, misbranded.
Arco 24% Protein Dairy Ration, 2; 1 adulterated with oat hull feed, misbranded.
- Armour & Co., Chicago, Ill. Inspection sample of Armour's 60% Meat Meal Digester Tankage analyzed, 1; equaled guaranty.
- Ashcraft-Wilkinson Co., Atlanta, Ga. Inspection samples of Helmet Brand 41% Cottonseed Meal analyzed, 2; 1 too low in protein.
- The Great Atlantic & Pacific Tea Co., New York, N. Y. Inspection samples analyzed, 6.
Daily Growth Chick Starter, 1; equaled guaranty.
Special Daily Egg Mash Feed, 1; equaled guaranty.
Daily Milk Dairy Feed 16%, 2; 1 too low in fat.
Milky Way 24% Protein Dairy Feed, 1; equaled guaranty.
32% Milky Way Dairy Feed Supplement, 1; brewers dried grains substituted for distillers dried grains.
- Aubrey & Co., Louisville, Ky. Inspection samples analyzed, 28.
Rainbow Shorts and Screenings, 1; equaled guaranty.
Rainbow Gray Shorts and Screenings, 1; equaled guaranty.
Red "A" Gray Shorts and Screenings, 1; equaled guaranty.
Soft Wheat Mixed Feed, 1; equaled guaranty.
Red "A" Wheat Feed and Screenings, 1; equaled guaranty.

- Rye Feed and Screenings, 1; equaled guaranty.
- Rainbow Distillers Dried Grains, 2; 1 too low in protein and fat.
- Aubrey's 34% Oil Meal, 1; equaled guaranty.
- Red "A" 60% Digester Tankage, 1; much too low in protein.
- Aubrey's 36% Cottonseed Feed, 1; equaled guaranty.
- Aubrey's 41% Cottonseed Meal, 4; 1 too low in protein.
- Red Bird Baby Chick Starting Mash (With Cod Liver Oil), 2; equaled guaranty.
- Rainbow Laying Mash (With Cod Liver Oil), 1; equaled guaranty.
- Rainbow All-Mash, 1; calcium carbonate and salt present tho not guaranteed.
- Monarch Poultry Feed, 1; equaled guaranty.
- Dandy Horse Feed, 1; equaled guaranty.
- Supreme 95% Grain Horse Feed, 2; equaled guaranty.
- Monarch 16½% Protein Dairy Feed, 1; equaled guaranty.
- Dandy 20% Protein Dairy Feed, 2; 1 too low in protein and too high in fiber.
- Ful-O-Cream 24% Dairy Feed, 1; too low in protein.
- Supreme 24% Dairy Feed, 1; equaled guaranty.
- The Auburn Mills, Auburn, Ky. Inspection samples analyzed, 3.
- Wheat Shorts, 1; too low in protein; wheat flour present.
- Mill Run Feed, 2; 1 excess corn bran present.
- Auburn Roller Mills, Auburn, Ky. Inspection samples of Mixed Feed analyzed, 2; too low in protein.
- Aurora Flour & Feed Co., Aurora, Ind. Inspection sample of Dearborn All-Mash Starting and Growing Ration (With Cod Liver Oil) analyzed, 1; equaled guaranty.
- J. J. Badenoeh Co., Chicago, Ill. Inspection samples analyzed, 2.
- Circle Bee Dairy Feed, 1; no linseed oil meal or salt found.
- Jay Bee Dairy Feed, 1; no linseed oil meal found.
- Ballard & Ballard Co., Louisville, Ky. Inspection samples analyzed, 19.
- Ballard's Bran, 1; equaled guaranty.
- Ballard's Kentucky Farm Feed and Screenings, 2; equaled guaranty.
- Ballard's Mixed Wheat Feed and Screenings, 1; equaled guaranty.
- Insurance All-Mash Starting and Growing Feed, 1; equaled guaranty.
- Ballard's Insurance Fattening Mash, 1; equaled guaranty.
- Insurance Battery Ration, 1; equaled guaranty.
- Insurance Egg Mash, 3; equaled guaranty.
- Guardian Laying Mash, 1; equaled guaranty.
- Ballard's Insurance Laying Mash (With Cod Liver Oil), 1; equaled guaranty.
- Insurance 32% Poultry Mash (Supplement), 1; too low in protein

- Guardian Horse and Mule Feed, 2; equaled guaranty.
Guardian 16% Sweet Dairy Feed, 1; equaled guaranty.
Guardian 24% Sweet Dairy Feed, 2; equaled guaranty.
Insurance 24% Protein Sweet Dairy Feed, 1; equaled guaranty.
Bardstown Mills, Bardstown, Ky. Inspection samples of Royal Mill Feed analyzed, 3; equaled guaranty.
Battle Creek Dog Food Co., Battle Creek, Mich. Inspection sample of Miller's A-1 Ration analyzed, 1; equaled guaranty.
Baughman Milling Co., Stanford, Ky. Inspection samples of Banner Mill Feed analyzed, 2; 1 too low in protein and too high in fiber, excess corn bran present.
Beaty Bros., Science Hill, Ky. Inspection sample of Mixed Wheat Feed and Screenings analyzed, 1; too low in protein and fat; wheat flour present.
Benson Valley Milling Co., Frankfort, Ky. Inspection samples analyzed, 2.
Miracle 16½% Protein Dairy Feed, 1; no alfalfa meal found.
Benson Valley 24% Dairy Feed, 1; too low in protein.
Big Diamond Mills Co., Minneapolis, Minn. Inspection sample of Big Diamond Wheat Middlings and Screenings analyzed, 1; equaled guaranty.
W. C. Binns, Herndon, Ky. Inspection sample of Eclipse Hog Feed analyzed, 1; equaled guaranty.
Bisbee Linseed Co., Chicago Hts., Ill. Inspection sample of "Bisbee Brand" 34% Pure Old Process Linseed Meal analyzed, 1; equaled guaranty.
Blish Milling Co., Seymour, Ind. Inspection samples analyzed, 2.
Woodstock Shorts and Screenings, 1; equaled guaranty.
Bull's Eye Mixed Wheat Feed, 1; equaled guaranty.
Bloomfield Mill & Grain Co., Bloomfield, Ky. Inspection sample of Mixed Wheat Feed and Screenings analyzed, 1; too low in protein; corn bran present, misbranded.
Blue Grass-Elmendorf Grain Corporation, Lexington, Ky. Inspection samples analyzed, 2.
"Blue Elm" Peerless Cow Feed, 1; equaled guaranty.
"Blue Elm" Sheep Feed, 1; equaled guaranty.
Bowling Green Milling Co., Bowling Green, Ky. Inspection samples analyzed, 4.
Corn Byproduct Feed, 1; wheat byproducts present; misbranded.
Wheat Mixed Feed and Screenings, 2; 1 too low in protein, ground corn present, misbranded.
Monroe's "Ideal Brand" Feed, 1; too low in protein; wheat screenings present tho not guaranteed.
F. W. Brode Corporation, Memphis, Tenn. Inspection samples of

- "Owl Brand" 41% Prime Cottonseed Meal analyzed, 2; equaled guaranty.
- Chas. Broeker & Co., Owensboro, Ky. Inspection samples analyzed, 4.
XX Mixed Feed, 2; 1 too low in protein.
Hominy Feed, 2; equaled guaranty.
- Browder Milling Co., Fulton, Ky. Inspection samples analyzed, 3.
All-Mash Growing Feed, 1; equaled guaranty.
Mixed Feed, 1; equaled guaranty.
"Sweet" Dairy Feed, 1; equaled guaranty.
- Brown Forman Distillery Co., Louisville, Ky. Inspection sample of Distillers Dried Grains analyzed, 1; equal guaranty.
- Buhner Fertilizer Co., Seymour, Ind. Inspection samples analyzed, 2.
Buhner's 50% Meat Scraps, 1; equaled guaranty.
Buhner's King 60% Tankage, 1; equaled guaranty.
- Bundy Bros, Mill Co., Medora, Ind. Inspection samples analyzed, 3.
Mixed Wheat Feed and Screenings, 1; equaled guaranty.
Hominy Feed, 1; equaled guaranty.
Economy Laying Mash, 1; too low in protein; only small amounts of oatmeal and alfalfa leaf meal found.
- Burnside Milling Co., Burnside, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- Cadick Milling Co., Grandview, Ind. Inspection sample of Mixed Wheat Feed analyzed, 1; equaled guaranty.
- Cadiz Milling Co., Cadiz, Ky. Inspection sample of Sunbeam Mixed Wheat Feed and Screenings analyzed, 1; equaled guaranty.
- Campbellsville Milling Co., Campbellsville, Ky. Inspection sample of Mixed Wheat Feed and Screenings analyzed, 1; too low in protein.
- Cape County Milling Co., Jackson, Mo. Inspection sample of Capco Soft Wheat Mixed Feed and Screenings analyzed, 1; equaled guaranty.
- The Carr Milling Co., Hamilton, O. Inspection sample of "Bon Ton" Middlings analyzed, 1; equaled guaranty.
- Cecilian Milling Co., Cecilia, Ky. Inspection samples analyzed, 4.
"Purity Brand" Mixed Wheat Feed and Screenings, 2; equaled guaranty.
Gray Wheat Shorts and Rye Middlings, 1; sample is rye middlings and screenings; misbranded.
"New Deal" Mixed Feed, 1; equaled guaranty.
- The Chapman-Doake Co., Decatur, Ill. Inspection samples analyzed, 5.
"Sweet Tooth" Screenings Mixed Feed, 2; equaled guaranty.
Special Milk Producer Dairy Feed, 1; too low in protein; adulterated with corn blowings and excess screenings; misbranded.
- Monarch Full-Pail Dairy Feed, 1; too low in protein; no linseed oil meal found; adulterated with corn blowings; misbranded.

- Diamond "F" Dairy Feed, 1; much too low in protein; no linseed oil meal found; adulterated with corn blowings; misbranded.
4. Charleston Milling Co., Charleston, W. Va. Inspection samples analyzed, 5.
- Quality Brand Wheat Middlings and Screenings, 1; equaled guaranty.
- Single Bar Laying Mash, 1; no linseed oil meal found; cottonseed meal present tho not guaranteed.
- Charmco 16% Dairy Feed, 1; linseed oil meal and brewers dried grains present tho not guaranteed.
- Charmco 20% Dairy Feed, 1; equaled guaranty.
- Charmco 24% Dairy Feed, 1; too low in fat.
- Christian County Mills, Hopkinsville, Ky. Inspection sample of Mixed Feed analyzed, 1; too low in protein; wheat flour present.
3. Cincinnati Grain & Hay Co., Cincinnati, O. Inspection samples analyzed, 6.
- Hominy Feed, 1; equaled guaranty.
- "No Better" Starting Mash, 1; too high in fiber; alfalfa meal, salt and charcoal present tho not guaranteed; misbranded.
- Standard Brand Egg Mash, 1; corn gluten feed present tho not guaranteed.
- "No Better" Egg Mash, 1; equaled guaranty.
- "No Better" Hog Ration, 1; much too high in fiber; alfalfa meal and salt present tho not guaranteed; excess charcoal present; misbranded.
- "No Better" Sweet Dairy Feed, 1; equaled guaranty.
- Climax Roller Mills, Shelbyville, Ky. Inspection samples analyzed, 2.
- Climax 41% Cottonseed Meal, 1; too high in fiber.
- Climax Farm Feed, 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; ground barley present tho not guaranteed.
- E. A. Cohen, Greenville, Ky. Inspection samples analyzed, 2.
- "Pride of Muhlenberg" 17% Protein Dairy Feed, 1; equaled guaranty.
- "Pride of Muhlenberg" 24% Protein Supplement Feed, 1; only trace of cottonseed meal found.
5. Clell Coleman & Sons, Burgin, Ky. Inspection samples analyzed, 3.
- Coleman's White Middlings and Shorts, 1; too low in protein and fat.
- Coleman's Favorite Mixed Feed, 2; 1 too low in protein and too high in fiber, no corn bran found, excess screenings containing corn cockle present; misbranded.

- Colonial Milling Co., Nashville, Tenn. Inspection sample of Colonial Wheat Shorts and Screenings analyzed, 1; equaled guaranty.
- Columbia Milling Co., Columbia, Ky. Inspection sample of Mixed Wheat Feed analyzed, 1; equaled guaranty.
- Community Milling Co., Irvington, Ky. Inspection samples of Soft Wheat Mixed Feed analyzed, 2; equaled guaranty.
- The G. E. Conkey Co., Cleveland, O. Inspection samples analyzed, 5.
Conkey's Starting Feed (With Cod Liver Oil), 1; equaled guaranty.
Conkey's Gecco Growing Mash (With Cod Liver Oil), 1; equaled guaranty.
Conkey's All-Mash Chick Ration (With Cod Liver Oil), 1; equaled guaranty.
Conkey's Red Seal Laying Mash, 1; equaled guaranty.
Conkey's Balanced Rabbit Feed (With Cod Liver Oil), 1; equaled guaranty.
- The Corno Mills Co., E. St. Louis, Ill. Inspection samples analyzed, 11.
Corno Laying Mash, 1; equaled guaranty.
Corno Premium Feed, 2; equaled guaranty.
Corno Sweet Feed, 1; equaled guaranty.
Nutro 16% Dairy Feed, 1; no corn feed meal found, excess screenings present.
Corno Dairy Feed, 4; equaled guaranty.
Corno Dairy Supplement 34%, 2; equaled guaranty.
- 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.
White Wheat Shorts, 1; too high in fiber.
Crushed Ear Corn, 1; equaled guaranty.
Crescent Mixed Feed, 2; excess wheat screenings present; 1 too low in protein; 1 too high in fiber.
- The Crete Mills, Crete, Nebr. Inspection sample of White Hominy Feed analyzed, 1; equaled guaranty.
- Crown Jewel Milling Co., Cynthiana, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- The Dorsel Co., Newport, Ky. Inspection sample of Dorsel's Gray Wheat Middlings analyzed, 1; equaled guaranty.
- Dossey-Clay-Howard Milling Co., Fountain Run, Ky. Inspection sample of Shipstuff analyzed, 1; equaled guaranty.
- Dutschke Milling Co., Cannelton, Ind. Inspection samples analyzed, 2.
Dutschke All-Mash No. 1, 1; much too low in protein.
Dutschke All-Mash No. 2, 1; equaled guaranty.
- Eagle Roller Mills, Lawrenceburg, Ky. Inspection sample of Mixed Feed analyzed, 1; too low in protein.

- The Early & Daniel Co., Cincinnati, O. Inspection samples analyzed, 32.
- Mixed Wheat Feed and Screenings, 1; equaled guaranty.
 - Brewers Dried Grains, 1; equaled guaranty.
 - Barley Malt, 1; equaled guaranty.
 - Tuxedo Starting and Growing All-Mash, 2; equaled guaranty.
 - Tuxedo Poultry Fattener, 1; equaled guaranty.
 - Tuxedo Growing and Developing Mash, 2; equaled guaranty.
 - "Cincy" Growing and Developing Mash, 1; equaled guaranty.
 - Tuxedo Egg Mash, 4; equaled guaranty.
 - Cincy Egg Mash, 2; equaled guaranty.
 - Tuxedo Hominy and Molasses Feed, 1; equaled guaranty.
 - Tuxedo Chop, 1; equaled guaranty.
 - "Cincy" Chop, 1; equaled guaranty.
 - Tuxedo Golden Stock Feed, 1; equaled guaranty.
 - Tuxedo Pig Meal, 2; equaled guaranty.
 - Tuxedo Dairy 16%, 4; 1 no soybean oil meal found.
 - Cerealia Sweets, 2; equaled guaranty.
 - Tuxedo Dairy 20%, 2; equaled guaranty.
 - Tuxedo Dairy 24%, 3; equaled guaranty.
- Eberts Grain Co., Louisville, Ky. Inspection sample of Eberts 24% Dairy Feed analyzed, 1; equaled guaranty.
- Elite Roller Mills, Elkton, Ky. Inspection samples of "Elite Brand" 16% Protein Dairy Feed analyzed, 2; too low in protein.
- The F. L. Emmert, Co., Cincinnati, O. Inspection sample of "Buffalo Brand" Brewers Dried Grains analyzed, 1; equaled guaranty.
- Horace Emmick, Lewisport, Ky. Inspection sample of Emmick's All-Mash analyzed, 1; equaled guaranty.
- John W. Eshelman & Sons, Lancaster, Pa. Inspection samples analyzed, 5.
- Eshelman Red Rose Corn Feed Meal, 1; equaled guaranty.
 - Eshelman Red Rose Laying Mash, 1; equaled guaranty.
 - Eshelman Pennsy 16% Protein Dairy Feed, 2; equaled guaranty.
 - Eshelman Red Rose 24% Protein Dairy Feed, 1; equaled guaranty.
- Estes Milling Co., Science Hill, Ky. Inspection sample of Estes Mixed Wheat Feed analyzed, 1; equaled guaranty.
- Ewing-Von Allmen Dairy Co., Louisville, Ky. Inspection sample of Ewing-Von Allmen Dried Buttermilk analyzed, 1; equaled guaranty.
- Exchange Milling Co., Sturgis, Ky. Inspection samples of Mixed Feed analyzed, 2; 1 no corn bran found; 1 much too low in protein, excess corn bran present, misbranded.
- Falls City Feed Mills, Louisville, Ky. Inspection samples analyzed, 4.
- Radio 16% Protein Dairy Feed, 2; equaled guaranty.

- Cherokee 24% Dairy Feed, 2; 1 too low in protein, no soybean oil meal found; 1 brewers dried grains present tho not guaranteed.
- Farm Bureau Milling Co., Columbus, O. Inspection samples analyzed, 6.
 Farm Bureau "Mermash Brand" 16% Protein Poultry Mash, 1; equaled guaranty.
- Farm Bureau "Economy Brand" Laying Mash, 1; equaled guaranty.
- Farm Bureau Pork Maker 16% Protein, 1; equaled guaranty.
- Farm Bureau "Economy Brand" 16% Protein Dairy Feed, 1; adulterated with excess screenings and oat hull feed; misbranded.
- Farm Bureau "Economy Brand" 24% Protein Dairy Feed, 1; no linseed oil meal found.
- Farm Bureau "Economy Brand" 32% Protein Dairy Feed (Supplement), 1; no linseed oil meal found.
- Farm Bureau Supply Co., Elizabethtown, Ky. Inspection sample of Camel Wheat Mixed Feed analyzed, 1; equaled guaranty.
- Farmers Mill Co., Columbia, Ky. Inspection sample of Shipstuff analyzed, 1; equaled guaranty.
- Farmers & Merchants Milling Co., Brooksville, Ky. Inspection sample of Mixed Wheat Feed analyzed, 1; equaled guaranty.
- Farmers Supply Co., Lexington, Ky. Inspection samples analyzed, 7.
 Farm Starting Mash, 1; ground oats present tho not guaranteed.
 Farm Growing Mash, 1; equaled guaranty.
 Farm Laying Mash, 1; corn gluten meal present tho not guaranteed.
- Farm Sheep Feed, 1; equaled guaranty.
- Trico 16% Dairy Feed, 1; equaled guaranty.
- Red Diamond Dairy Feed, 1; equaled guaranty.
- Farm 24% Dairy Feed, 1; equaled guaranty.
- Farmers Union Mill, Versailles, Ky. Inspection samples analyzed, 2.
 Mill Feed, 1; equaled guaranty.
 20% Dairy Feed, 1; distillers dried grains present tho not guaranteed.
- J. H. Fedders & Sons, Covington, Ky. Inspection samples analyzed, 2.
 Hominy Feed, 1; equaled guaranty.
 Mixed Wheat Feed, 1; equaled guaranty.
- Ferncliff Feed & Grain Co., Louisville, Ky. Inspection samples analyzed, 7.
 P. D. Q. Shorts and Screenings, 1; equaled guaranty.
 P. D. Q. Starting and Growing Mash, 1; equaled guaranty.
 P. D. Q. Fattening Mash, 1; equaled guaranty.
 "Cracker Jack" Egg Mash, 1; equaled guaranty.
 Sweet Sixteen Dairy Feed, 1; equaled guaranty.
 Ferncliff 24% Dairy Ration, 2; equaled guaranty.

- Field Packing Co., Owensboro, Ky., Inspection sample of Field's 60% Crackling Tankage analyzed, 1; much too low in protein; moldy condition.
- Henry Fischer Packing Co., Louisville, Ky. Inspection sample of 60% Mellwood Brand Digester Tankage analyzed, 1; much too low in protein.
- Flaherty Roller Mills Co., Vine Grove, Ky. Inspection samples of Wheat Feed analyzed, 2; equaled guaranty.
- Flemingsburg Mills, Flemingsburg, Ky. Inspection sample of Mixed Wheat Feed analyzed, 1; equaled guaranty.
- Frank Fehr Brewing Co., Louisville, Ky. Inspection sample of Brewers Dried Grains analyzed, 1; equaled guaranty.
- Henry Fruechtenicht, Louisville, Ky. Inspection sample of "Producer Brand" 24% Dairy Feed analyzed, 1; much too low in protein; no phosphatic limestone found.
- Fuhrer-Ford Milling Co., Mt. Vernon, Ind. Inspection sample of Wheat Shorts and Screenings 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.
Garrard Mixed Feed, 1; ground barley present tho not guaranteed.
Garrard Special Mixed Feed, 1; equaled guaranty.
- Georgia Distributing Co., Atlanta, Ga. Inspection samples of "Gold Dust Brand" 41% Protein Cottonseed Meal analyzed, 3; equaled guaranty.
- Germantown Milling Co., Germantown, Ky. Inspection sample of Mixed Wheat Feed analyzed, 1; equaled guaranty.
- Glasgow Milling Co., Glasgow, Ky. Inspection samples of Mixed Feed analyzed, 2; gray middlings present tho not guaranteed; 1 too low in protein.
- Glass Milling Co., Wilmore, Ky. Inspection samples of Hi-Grade Feed analyzed, 2; equaled guaranty.
- Glenmore Distilleries Co., Owensboro, Ky. Inspection sample of Distillers Bourbon Dried Grains analyzed; 1, too low in fat.
- Edw. F. Goeke Sons, Evansville, Ind. Inspection samples analyzed, 4.
A-1 All-Mash, 2; equaled guaranty.
Standard Horse and Mule Feed, 1; alfalfa meal present, tho not guaranteed.
Big Gee Hog Feed, 1; too low in protein; molasses present tho not guaranteed.
- Goff Milling Co., Hiseville, Ky. Inspection sample of Mixed Feed analyzed, 1; too low in fat; no corn bran found.
- Goldcamp Mill Co., Ironton, O. Inspection samples analyzed, 5.
Egg Producer, 1; equaled guaranty.

- Universal Feed, 1; equaled guaranty.
- Mixed Stock Feed, 1; too low in fat.
- "Gold-Co" 16% Dairy Feed, 1; ingredients not as guaranteed; adulterated and misbranded.
- "Milk-O Brand" 24% Protein Dairy Feed, 1; equaled guaranty.
- Gradyville Roller Mills, Gradyville, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- Grayson Milling Co., Grayson, Ky. Inspection samples analyzed, 2.
- "Honest Made" 20% Egg Mash, 1; equaled guaranty.
- "Honest Built" Dairy Feed, 1; equaled guaranty.
- Greasy Creek Milling Co., Jamestown, Ky. Inspection sample of Mixed Feed analyzed, 1; too low in protein; excess wheat screenings present.
- Green River Milling Co., Owensboro, Ky. Inspection sample of "Big 6" Dairy Feed analyzed, 1; no wheat bran present; grain screenings substituted for oat hull feed; misbranded.
- Green River Milling Co., S. Carrollton, Ky. Inspection sample of Green Rived Mixed Feed analyzed, 1; too low in protein.
- Gwinn Bros. & Co., Huntington, W. Va. Inspection samples analyzed, 3.
- Wheat Middlings and Screenings, 1; equaled guaranty.
- Farm Feed, 1; equaled guaranty.
- "Grade A" Sweet Dairy Feed, 1; too high in fiber.
- The Gwinn Milling Co., Columbus, O. Inspection samples analyzed, 4.
- Gwinn's Wheat Feed and Screenings, 2; equaled guaranty.
- Gwinn's Stock Feed, 1; equaled guaranty.
- Gwinn's 16% Dairy Feed, 1; equaled guaranty.
- Hales & Hunter Co., Chicago, Ill. Inspection samples analyzed, 11.
- Red Comb Egg Mash, 1; equaled guaranty.
- Morning Glory Egg Mash, 1; equaled guaranty.
- Morning Glory Chick Starter, 1; too high in fiber.
- Morning Glory Growing Mash, 1; equaled guaranty.
- Red Comb Crate Fattener, 2; no bone meal found.
- Excelsior Horse Feed, 1; equaled guaranty.
- Gold Flake Dairy Feed, 3; 2 brewers dried grains present tho not guaranteed.
- Red Horn 24% Protein Dairy Feed, 1; equaled guaranty.
- Hanson Roller Mills, Hanson, Ky. Inspection sample of "White Frost" Mixed Wheat Feed and Screenings analyzed, 1; corn bran present.
- The P. H. Harsha Milling Co., Portsmouth, O. Inspection samples analyzed, 3.
- Magnolia Egg Mash, 1; equaled guaranty.
- "Jersey Brand" Dairy Feed, 2; 1 corn bran present tho not guaranteed.

- Edwin C. Hawkins, Paducah, Ky. Inspection sample of Wheat Middlings and Screenings analyzed, 1; equaled guaranty.
- Haydon Mill & Grain Co., Springfield, Ky. Inspection samples analyzed, 2.
- “Grow Quick” Starting Mash, 1; too high in fiber; wheat screenings present, tho not guaranteed.
- Economy Feed, 1; equaled guaranty.
- Henderson Elevator Co., Henderson, Ky. Inspection samples analyzed, 6.
- All-Purpose Poultry Mash, 3; 1 too low in protein.
- Bullitt's Economy Sweet Feed, 1; equaled guaranty.
- Bullitt's Special Dairy Feed, 2; equaled guaranty.
- Hodgenville Roller Mills, Hodgenville, Ky. Inspection sample of Lincoln analyzed, 1; too low in protein.
- Hogan Milling Co., Junction City, Kans. Inspection sample of Gray Wheat Shorts and Screenings analyzed, 1; equaled guaranty.
- Home Milling Co., Greenville, Ky. Inspection sample of “Happy Home” Mixed Feed analyzed, 1; equaled guaranty.
- Hook Milling Co., Hardinsburg, Ky. Inspection samples analyzed, 2.
- White Swan Gray Shorts, 1; too low in protein; wheat flour present.
- White Swan Mixed Wheat Feed, 1; too low in protein.
- Hopkinsville Milling Co., Hopkinsville, Ky. Inspection sample of Sunflower Wheat Shorts and Screenings analyzed, 1; too high in fiber.
- Horse Cave Mills, Horse Cave, Ky. Inspection samples of “Superior Brand” Mixed Feed analyzed, 2; too low in protein.
- Humphreys-Godwin Co., Memphis, Tenn. Inspection samples analyzed, 8.
- Dixie Brand 41% Cottonseed Meal, 7; 1 too low in protein.
- Bull Brand 43% Cottonseed Meal, 1; too low in protein.
- Igleheart Bros., Evansville, Ind. Inspection samples analyzed, 3.
- Winter Wheat Shorts and Screenings, 1; equaled guaranty.
- Wheat Mixed Feed and Screenings, 2; equaled guaranty.
- J. E. M. Milling Co., Frankfort, Ky. Inspection samples analyzed, 2.
- “Capitol” 16% Protein Dairy Feed, 1; no alfalfa meal or ground soybean hay found; distillers dried grains present tho not guaranteed, misbranded.
- “Capitol” 24% Protein Dairy Feed, 1; too high in fiber.
- The Kansas Milling Co., Wichita, Kans. Inspection samples of “Silk Floss” Wheat Mixed Feed and Screenings analyzed, 2; equaled guaranty.
- Kasco Mills, Toledo, O. Inspection samples analyzed, 12.
- Apex All-Mash Starter and Grower, 1; equaled guaranty.

Kasco Poultry Fattener, 1; linseed oil meal, grain screenings and calcium carbonate present tho not guaranteed; misbranded. "Oc-Sak" Laying Mash, 1; equaled guaranty.

Kasco 16% Dairy Feed, 5; adulterated with excess screenings—misbranded; 3 adulterated with excess oat hulls; 1 too low in protein.

Kasco Special 16% Dairy Feed, 1; equaled guaranty.

Kasco Mormilk Dairy Ration, 1; brewers dried grains present tho not guaranteed.

"Oc-Sak" 24% Protein Dairy Feed, 2; 1 too low in protein and too high in fiber, brewers dried grains present tho not guaranteed.

Keller Hay & Grain Co., Newport, Ky. Inspection sample of Corn and Oat Chop analyzed, 1; screenings present.

The Kentucky Chemical & Manufacturing Co., Covington, Ky. Inspection sample of K-C Special 50% Protein Meat and Bone Scraps analyzed, 1; too high in fiber.

Kentucky Feed Mills, Louisville, Ky. Inspection samples analyzed, 43. Rye Middlings and Screenings, 1; too high in fiber.

Distillers Dried Grains, 1; much too low in protein and too low in fat.

Success 18% Yeast Dried Grains, 1; equaled guaranty.

Premo Mixed Wheat Feed, 1; equaled guaranty.

Dandy Wheat Feed and Screenings, 2; equaled guaranty.

Kentucky Star Starting and Growing Mash, 1; too low in protein.

Premo All-Mash Starter and Grower Broiler Ration, 2; equaled guaranty.

Premo Growing Mash, 1; equaled guaranty.

Premo Crate Fattener, 3; equaled guaranty.

Sedan Laying Mash, 1; equaled guaranty.

Kentucky Star Laying Mash, 2; 1 no dried buttermilk or soybean oil meal found, ground oats present tho not guaranteed, misbranded.

Premo Laying Mash, 3; equaled guaranty.

Premo Turkey Ration All-Mash Starter and Grower, 1; equaled guaranty.

Oat Hulls and Cane Molasses, 1; grain screenings present tho not guaranteed.

Alfalfa Meal, Cane Molasses, Oat Hull Feed and Flax Plant By-product, 1; grain screenings present tho not guaranteed.

Premo Sheep Feed, 1; equaled guaranty.

Success Horse and Mule Feed, 2; 1 wheat bran and corn gluten meal present tho not guaranteed.

- Kentucky Star Horse and Mule Feed, 5; 3 wheat bran present tho not guaranteed; 1 cottonseed meal present tho not guaranteed.
- Premo Hog Feed, 2; equaled guaranty.
- Kentucky Star 16½% Protein Dairy Feed, 2; 1 lespedeza straw meal used for lespedeza meal, misbranded.
- Sedan 16% Protein Dairy Feed, 5; 1 too high in fiber, excess oat hull feed present, misbranded; 1 flax plant byproduct present tho not guaranteed, no rice bran found, brewers dried grains substituted for distillers dried grains, misbranded.
- Success 24% Dairy Feed, 1; equaled guaranty.
- Marshall's 24% Dairy Feed, 3; 1 no linseed oil meal found.
- R. U. Kevil & Sons, Princeton, Ky. Inspection sample of Crushed Ear Corn and Shuck analyzed, 1; equaled guaranty.
- Chas. A. Krause Milling Co., Milwaukee, Wis. Inspection samples analyzed, 6.
- “Kookoo” Chick Starter Mash, 1; too high in fiber.
- Blue Top Starting and Growing Mash, 1; equaled guaranty.
- Blue Top Egg Mash, 1; equaled guaranty.
- Badger 16% Sweet Dairy Feed, 2; equaled guaranty.
- Amerikorn Dairy Ration, 1; no soybean oil meal found.
- The Kroger Grocery & Baking Co., Cincinnati, O. Inspection samples analyzed, 3.
- Wesco Starting and Growing Mash, 1; equaled guaranty.
- Wesco 16% Dairy Feed, 1; equaled guaranty.
- Wesco 20% Dairy Feed, 1; equaled guaranty.
- 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; corn bran substituted for ground corn.
- “Butterfat Brand” 16% Protein Dairy Feed, 1; equaled guaranty.
- Larmon Milling Co., Woodburn, Ky. Inspection sample of Larmon's Mixed Wheat Feed analyzed, 1; corn bran present.
- The Larrowe Milling Co., Detroit, Mich. Inspection samples analyzed, 5.
- Larro Chick Starter, 1; equaled guaranty.
- Larro Egg Mash, 1; equaled guaranty.
- Dried Beet Pulp, 1; equaled guaranty.
- Beet Pulp and Beet Molasses—Dried, 1; equaled guaranty.
- Larro The Ready Ration for Dairy Cows, 1; equaled guaranty.
- Laswell Milling Co., Brodhead, Ky. Inspection sample of Mixed Wheat Feed analyzed, 1; equaled guaranty.
- Laurel Produce Co., London, Ky. Inspection sample of Farm Bell Wheat Mixed Feed and Screenings analyzed, 1; equaled guaranty.

- Lawrenceburg Roller Mills Co., Lawrenceburg, Ind. Inspection samples analyzed, 3.
Snowflake Bran and Screenings, 1; equaled guaranty.
"Farm King" Gray Shorts and Screenings, 1; equaled guaranty.
Snowflake Middlings and Screenings, 1; equaled guaranty.
- Leland Oil Works, Leland, Miss. Inspection sample of 41% Protein Cottonseed Meal analyzed, 1; too low in protein.
- Lewisport Mill Co., Lewisport, Ky. Inspection samples of Farmer's Choice analyzed, 2; equaled guaranty.
- Lexington Roller Mills Co., Lexington, Ky. Inspection samples analyzed, 13.
41% Cottonseed Meal, 2; 1 too low in protein.
Kentucky Queen Starting Mash (With Cod Liver Oil), 1; equaled guaranty.
Kentucky Queen Growing Mash (With Cod Liver Oil), 1; equaled guaranty.
Kentucky Queen Double X Egg Mash, 1; equaled guaranty.
Bossie Feed, 2; equaled guaranty.
Thoroughbred Feed, 3; equaled guaranty.
Thoroughbred 16% Protein Dairy Feed, 1; equaled guaranty.
Thoroughbred 20% Protein Dairy Feed, 1; equaled guaranty.
Thoroughbred 24% Protein Dairy Feed, 1; too high in fiber.
- London Roller Mills, London, Ky. Inspection samples of Kentucky Pride Dairy Feed analyzed, 3; 1 too low in protein, salt present tho not guaranteed; 2 much too low in protein, too low in fat and too high in fiber, adulterated with cob meal and oat hulls—misbranded.
- Loretto Mill Co., Loretto, Ky. Inspection samples of Shipstuff analyzed, 2; equaled guaranty.
- 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 samples analyzed, 2.
"Last Word Brand" Wheat Middlings, 1; too low in protein and fat; wheat flour present.
Standard Feed, 1; too low in protein; wheat bran and corn bran present tho not guaranteed.
- Louisville Cereal Mill Co. Inspection samples analyzed, 3.
Nonesuch Feed, 1; too low in protein.
Nonesuch Hominy Feed, 2; equaled guaranty.
- Louisville Feed Mills, Louisville, Ky. Inspection samples analyzed, 5.
Aetna Laying Mash, 1; equaled guaranty.
Lincoln Horse and Mule Feed, 1; wheat bran and salt present tho not guaranteed.

Aetna 16% Dairy Feed, 1; corn gluten meal present tho not guaranteed; contains corn blowings.

Paragon 24% Dairy Feed, 2; brewers dried grains present tho not guaranteed; 1 no rice bran found, foreign straw present, misbranded.

L. B. Lovitt & Co., Memphis, Tenn. Inspection samples analyzed, 5.

"Lovit Brand" 41% Cottonseed Meal, 4; equaled guaranty.

"Lovit Brand" 43% Cottonseed Meal, 1; too low in protein.

The Lynn Grove Milling Co., Lynn Grove, Ky. Inspection sample of Wheat Bran and Shorts analyzed, 1; equaled guaranty.

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

Magnolia Roller Mills, Magnolia, Ky. Inspection samples of Mill Run Feed analyzed, 3; equaled guaranty.

S. M. Marcum & Bro., Sulphur Well, Ky. Inspection sample of Ship-stuff analyzed, 1; equaled guaranty.

Marianna Sales Co., Memphis, Tenn. Inspection samples of White Mule Brand 41% Cottonseed Meal analyzed, 3; 1 too low in protein; 2 too high in fiber.

Marion Milling Co., Marion, Ky. Inspection samples of "Feeder's Favorite" Mixed Feed analyzed, 2; equaled guaranty.

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

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

Mayfield Sweet Feed Mill, Mayfield, Ky. Inspection sample of 24% Protein Dairy Feed analyzed, 1; equaled guaranty.

Mayflower Mills, Ft. Wayne, Ind. Inspection sample of Mayflower Middlings and Screenings analyzed, 1; equaled guaranty.

Gentry McCauley, Versailles, Ky. Inspection samples analyzed, 2.
Pleez-U Sheep Feed, 1; much too low in protein and too low in fat.

Pleez-U Dairy Feed, 1; no ground oats or brewers dried grains found; distillers dried grains and salt present tho not guaranteed; misbranded.

Middlesboro Milling Co., Middlesboro, Ky. Inspection samples analyzed, 5.

"Reliabe Brand" 41% Prime Cottonseed Meal, 1; equaled guaranty.

Champion Mixed Feed, 1; equaled guaranty.

"Hi-Grade Brand" Mixed Feed, 1; no calcium carbonate found.

"Good Value" 16% Dairy Feed, 1; no oat hull feed found; flax plant byproduct present tho not guaranteed; misbranded.

"Reliable Brand" 24% Protein Dairy Feed, 1; equaled guaranty.

- The Midland Flour Milling Co., Kansas City, Mo. Inspection sample of Town Crier Gray Wheat Shorts and Screenings analyzed, 1; equaled guaranty.
- Miller Cereal Mills, Omaha, Neb. Inspection sample of Maizco Hominy Feed analyzed, 1; equaled guaranty.
- Monarch Milling Co., Mt. Sterling, Ky. Inspection sample of Mixed Feed analyzed, 1; too low in protein.
- The Monarch Milling Co., Kansas City, Mo. Inspection sample of "County Fair Brand" Winter Wheat Brown Shorts and Screenings analyzed, 1; equaled guaranty.
- Monroe Milling Co., Union City, Tenn. Inspection sample of "Perfect Brand" Brown Wheat Shorts and Screenings analyzed, 1; equaled guaranty.
- Morganfield Hardware & Grocery Co., Morganfield, Ky. Inspection sample of "State Brand" Hog Mineral analyzed, 1; equaled guaranty.
- Moss Milling Co., Greensburg, Ky. Inspection sample of Shipstuff analyzed, 1; equaled guaranty.
- Mountain City Mill Co., Chattanooga, Tenn. Inspection samples of Blue Stock Feed analyzed, 2; equaled guaranty.
- Munfordville Milling Co., Munfordville, Ky. Inspection sample of Mixed Feed analyzed, 2; 1 no corn bran found.
- Myers & Son, Bruce, Ky. Inspection sample of Shipstuff analyzed, 1; equaled guaranty.
- Nashville Cotton Oil Mill, Nashville, Tenn. Inspection sample of 41% Protein Cottonseed Meal analyzed, 1; too high in fiber.
- National Milling Co., Toledo, O. Inspection sample of Namico Middlings and Screenings analyzed, 1; equaled guaranty.
- Neuhoff Packing Co., Nashville, Tenn. Inspection sample of 60% Digester Tankage analyzed, 1; much too low in protein.
- W. N. Neville, Arlington, Ky. Inspection sample of Mixed Feed analyzed, 1; excess screenings present.
- New Era Mills, Allensville, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- New Hiseville Milling Co., Hiseville, Ky. Inspection samples of Mixed Wheat Feed analyzed, 2; equaled guaranty.
- Nicholson Mills, Henderson, Ky. Inspection sample of "Numix" 16% Sweet Dairy Feed analyzed, 1; too low in protein; soybeans and pod substituted for soybean oil meal; misbranded.
- Noblesville Milling Co., Noblesville, Ind. Inspection samples of "N. M. Co.'s" Mixed Wheat Feed and Screenings analyzed, 2; equaled guaranty.
- Nolin Milling Co., Nolin, Ky. Inspection samples of Mixed Feed analyzed, 2; equaled guaranty.

- Norman Milling Co., Calvert City, Ky. Inspection sample of "Nomco" Mixed Wheat Feed and Screenings analyzed, 1; too low in protein.
- Ohio Farm Bureau Service Co., Lucasville, O. Inspection sample of Scioto Feed analyzed, 1; equaled guaranty.
- Ohio Farmers Grain & Milling Co., Springfield, O. Inspection samples analyzed, 2.
- William Tell Middlings and Screenings, 1; equaled guaranty.
- William Tell Mixed Wheat Feed and Screenings, 1; equaled guaranty.
- Owensboro Milling Co., Owensboro, Ky. Inspection samples analyzed, 13.
- "Tru Test Brand" Hominy Feed, 1; equaled guaranty.
- O-Mil-Co Red Dog, 1; equaled guaranty.
- "Tru Test Brand" Wheat Feed, 2; 1 too high in fiber.
- Mixed Wheat Feed and Screenings, 1; equaled guaranty.
- "Tru Test Brand" Growing Mash, 1; too low in protein.
- Star Horse and Mule Feed, 1; equaled guaranty.
- D & H Stock Feed, 3; 1 too high in fiber; 2 too low in fat.
- "Tru Test Brand" 24% Dairy Feed, 3; equaled guaranty.
- Payne & Ramey, Eubank, Ky. Inspection sample of Mixed Feed analyzed, 1; corn bran substituted for corn meal.
- Perfection Food Co., Battle Creek, Mich. Inspection sample of "Perfection Brand" Dog Food analyzed, 1; too low in protein.
- Perkins Oil Co., Memphis, Tenn. Inspection sample of Goldenrod Brand 41% Cottonseed Meal analyzed, 1; too low in protein.
- Philpot Mills, Philpot, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- Phoenix Milling Co., Providence, Ky. Inspection sample of Mixed Feed analyzed, 1; too low in fat.
- The R. C. Poage Milling Co., Ashland, Ky. Inspection sample of Ideal Brand Stock Feed analyzed, 1; too low in fat; adulterated with oat hull feed; misbranded.
- Polo Mills Co., E. St. Louis, Ill. Inspection samples analyzed, 4.
- Diamond Dairy Feed, 1; equaled guaranty.
- Holsum 16½% Dairy Feed, 1; screenings contain ground oat hulls.
- Holsum 24% Dairy Feed, 2; 1 no linseed oil meal found; 1 only trace of linseed oil meal found.
- Poole Milling Co., Poole, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- Pratt Food Co., Hammond, Ind. Inspection samples analyzed, 5.
- Utility All-Mash Starter and Grower, 1; equaled guaranty.
- Iroquois Growing Mash, 1; equaled guaranty.
- Pratts Cak-Cak Egg Mash, 1; equaled guaranty.
- Pratts Laying Mash, 1; equaled guaranty.
- Pratts 24% Dairy Feed, 1; no potassium iodide found.

- Purcell Seed Co., Evansville, Ind. Inspection sample of "New Idea" All-Mash Poultry Ration analyzed, 1; equaled guaranty.
- Quaker Oats Co., Chicago, Ill. Inspection samples analyzed, 3.
Aunt Jemima Gray Wheat Shorts and Screenings, 1; equaled guaranty.
Yellow Hominy Feed, 1; equaled guaranty.
Buckeye Feed, 1; equaled guaranty.
- Ralston Purina Co., St. Louis, Mo. Inspection samples analyzed, 18.
Purina Chick Startena (All-Mash), 1; equaled guaranty.
Purina Chick Growena (All-Mash), 1; no beet pulp or soybean oil meal found; corn gluten meal present tho not guaranteed; misbranded.
Purina Layena (All-Mash), 1; no wheat bran found.
Purina Lay Chow, 1; equaled guaranty.
Purina Turkey Growing and Fattening Chow, 1; equaled guaranty.
Purina Heifer Growing Chow, 1; equaled guaranty.
Purina Dog Chow, 1; equaled guaranty.
Purina Pig and Hog Chow, 1; equaled guaranty.
Purina Bulky Omolene, 1; equaled guaranty.
Purina Bulky Las Chow, 2; cottonseed meal present tho not guaranteed; 1 corn gluten meal present tho not guaranteed.
Purina Body Cow Chow, 1; equaled guaranty.
"Protena Brand" 16% Protein Dairy Feed, 1; equaled guaranty.
Purina Blue Checker Cow Chow 20%, 1; too low in protein; adulterated with oat hull feed; misbranded.
Purina Green Checker Cow Chow, 2; 1 dried beet pulp present tho not guaranteed.
Purina 24% Cow Chow, 1; equaled guaranty.
Protena 24% Dairy Feed, 1; equaled guaranty.
- Randolph Milling Co., Bandana, Ky. Inspection sample of O-Joy analyzed, 2; equaled guaranty.
- Rapier Sugar Feed Co., Owensboro, Ky. Inspection samples analyzed, 15.
Rapier's Special Laying Mash, 1; no molasses and only a trace of alfalfa leaf meal found.
Rapier's Big Four Horse and Mule Feed, 1; equaled guaranty.
Rapier's Special Horse and Mule Feed, 1; equaled guaranty.
Rapier's Jersey Cream Brand Dairy Feed, 5; 1 distillers dried grains present tho not guaranteed; 1 too low in protein, no dried yeast grains found, corn gluten feed and flax plant by-product present tho not guaranteed, excess grain screenings present, misbranded.
Rapier's Creamo 20% Protein Dairy Feed, 1; equaled guaranty.
Rapier's Golden Rod Dairy Feed, 6; 2 too high in fiber; 2 no lin-

seed oil meal found; 1 no rice bran found; 1 no dried yeast grains found.

The Red Star Milling Co., Wichita, Kans. Inspection sample of "Red Star" Wheat Mixed Feed and Screenings analyzed, 1; equaled guaranty.

R. D. Riedling, Louisville, Ky. Inspection sample of R. D.'s Feed analyzed, 1; equaled guaranty.

Rotex Milling Co., Cleveland, O. Inspection sample of "Rotex Brand" Starting and Growing Mash analyzed, 1; corn gluten meal present tho not guaranteed.

P. M. Rountree, Benton, Ky. Inspection sample of Wheat Bran, Shorts and Screenings analyzed, 1; equaled guaranty.

Sacramento Milling Co., Sacramento, Ky. Inspection sample of Mixed Feed analyzed, 1; no corn product found.

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; too low in protein.

Sandusky Bros., Harrodsburg, Ky. Inspection sample of Mill Feed analyzed, 1; equaled guaranty.

W. N. Scoville, London, Ky. Inspection sample of Mixed Wheat Feed analyzed, 1; equaled guaranty.

Sebree Milling Co., Sebree, Ky. Inspection sample of Cream Patent analyzed, 1; too low in protein.

Security Mills, Knoxville, Tenn. Inspection samples analyzed, 2.
Security Rabbit Ration, 1; equaled guaranty.
Security Special 24% Dairy Feed, 1; equaled guaranty.

Shepherdsville Roller Mills, Shepherdsville, Ky. Inspection sample of 16% Dairy Feed analyzed, 1; formula not as guaranteed; misbranded.

The Shredded Wheat Co., Niagara Falls, N. Y. Inspection sample of Shredded Wheat Waste analyzed, 1; equaled guaranty.

Simpson County Mills, Franklin, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.

J. Allen Smith & Co., Knoxville, Tenn. Inspection samples analyzed, 2.

"Peerless Brand" Feed, 1; equaled guaranty.

"Butterfat Brand" Feed, 1; corn bran present tho not guaranteed.

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

The Southern Cotton Oil Co., Sheffield, Ala. Inspection sample of "High Grade" 41% Protein Cottonseed Meal analyzed, 1; equaled guaranty.

Southern Feed & Grain Co., Louisville, Ky. Inspection samples analyzed, 6.

- "Ideal Brand" Horse and Mule Feed, 1; wheat bran and middlings present tho not guaranteed.
- Oat Hull Feed, Oat Clippings, Screenings Refuse and Molasses, 1; equaled guaranty.
- "Sugar S Brand" Dairy Feed, 1; ingredients not as guaranteed; misbranded.
- Atlas Dairy Feed, 1; too low in protein; no wheat bran or middlings found; adulterated with corn screenings; misbranded.
- Standard Dairy Feed, 2; ingredients not as guaranteed; misbranded.
- Southern Star Roller Mills, Perryville, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- Sparks Milling Co., Alton, Ill. Inspection sample of "Try Me" Mixed Wheat Feed and Screenings analyzed, 1; equaled guaranty.
- Woodford Spears & Sons, Paris, Ky. Inspection samples analyzed, 2. Spears' Feed, 1; too low in protein.
- Bourbon Mill Feed, 1; equaled guaranty.
- The George T. Staggs Co., Frankfort, Ky. Inspection sample of Distillers Dried Grains analyzed, 2; equaled guaranty.
- Standard Milling Co., Elkton, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- Star Milling Co., Clinton, Ky. Inspection samples analyzed, 3. Wheat Shorts, 2; 1 screenings present tho not guaranteed.
- "Farmers' Friend" Dairy Feed, 1; equaled guaranty.
- Star Roller Mills, Cloverport, Ky. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- The St. Louis Mills Co., St. Louis, Mo. Inspection samples analyzed, 3. Gilt Edge Special Horse and Mule Feed, 1; no wheat bran found. Gilt Edge 16% Dairy Feed, 1; too low in protein and fat and too high in fiber; brewers dried grains present tho not guaranteed; excess oat hull feed present.
- Gilt Edge 24% Protein Dairy Feed, 1; linseed oil meal present tho not guaranteed.
- Sunnyside Milling Co., Evansville, Ind. Inspection samples of Winter Wheat Mixed Feed and Screenings analyzed, 2; equaled guaranty.
- Swift & Co., Memphis, Tenn. Inspection sample of 41% Protein Cottonseed Meal analyzed, 1; too low in protein and too high in fiber.
- Tell City Flouring Mills, Tell City, Ind. Inspection samples analyzed, 2. Hoosier All-Mash Poultry Ration, 1; equaled guaranty.
- "Hoosier-Special-Mix" Feed, 1; equaled guaranty.
- Thomson's Mill, Madisonville, Ky. Inspection sample of "Red Bird" Cow Feed analyzed, 1; no soybean oil meal found.

- The ThoroBread Co., Cincinnati, O. Inspection samples of ThoroBread Dog and Puppy Food analyzed, 2; equaled guaranty.
- Trenton Cotton Oil Co., Trenton, Tenn. Inspection samples of "Trenton Brand" 41% Cottonseed Meal analyzed, 2; 1 too low in protein.
- Trimble Flour Mills, Milton, Ky. Inspection samples analyzed, 2.
"Gray" Wheat Feed, 1; too high in fiber.
Shipstuff, 1; corn bran present.
- W. Trow Co., Madison, Ind. Inspection samples analyzed, 3.
Trow's White Hominy Feed, 1; equaled guaranty.
Trow's Bran and Screenings, 1; equaled guaranty.
Trow's Farm-Aid Laying Mash, 1; too high in fiber; no soybean oil meal or dried buttermilk found; corn bran and corn gluten feed present tho not guaranteed; misbranded.
- The Ubiko Milling Co., Cincinnati, O. Inspection samples analyzed, 18.
Corn Gluten Feed, 1; equaled guaranty.
Fourex Distillers Corn Dried Grains, 1; too low in fat.
Ubiko All-Mash Starter, 2; equaled guaranty.
Ubiko Fattening Mash, 1; equaled guaranty.
Commercial Laying Mash, 1; equaled guaranty.
Ubiko Egg Mash, 1; equaled guaranty.
Sunbeam Laying Mash, 2; equaled guaranty.
Ubiko Rabbit Pellets Feed, 1; equaled guaranty.
Ubiko Honeycomb Sweet Feed, 1; oat hulls present.
Clover Bloom Sweet 16% Protein Feed, 2; equaled guaranty.
Sunbeam Dairy Ration, 2; equaled guaranty.
Ubiko Union Grains 24% Dry Dairy Ration, 1; equaled guaranty.
Union Grains 24% Protein Sweet Dairy Ration, 2; equaled guaranty.
- Union Starch & Refining Co., Columbus, Ind. Inspection sample of Union Corn Gluten Feed analyzed, 1; equaled guaranty.
- Uniontown Roller Mills, Uniontown, Ky. Inspection sample of Poultry Scratch Feed analyzed, 1; no oats or sunflower seed found.
- United Mills Co., Kansas City, Kans. Inspection sample of U. M. C. Wheat Middlings and Screenings analyzed, 1; equaled guaranty.
- Upton Milling Co., Upton, Ky. Inspection samples of Mixed Feed analyzed, 2; 1 no corn bran found.
- Vanceburg Milling Co., Vanceburg, Ky. Inspection sample of Mixed Wheat Feed analyzed, 1; equaled guaranty.
- Van Meter-Terrell Feed Co., Lexington, Ky. Inspection sample of Viola Sheep Feed analyzed, 1; equaled guaranty.
- Vitality Mills, Chicago, Ill. Inspection samples analyzed, 4.
Vitality All-Mash Starting and Growing Feed, 1; too high in fiber.

- Sweet Honey Bee Dairy Feed, 2; no linseed oil meal found, 1 adulterated with excess screenings—misbranded.
- Special Velvet Dairy Feed, 1; adulterated with excess screenings; misbranded.
- Walters & Thompson, Shelbyville, Ky. Inspection sample of Thompson's Laying Mash analyzed, 1; too low in fat.
- Walton Feed Mills, Walton, Ky. Inspection sample of Big Bone Hog Ration analyzed, 1; equaled guaranty.
- Washburn Crosby Co., Louisville, Ky. Inspection sample of Sonny South Wheat Brown Shorts and Screenings analyzed, 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 sample of "Repeater" Feed analyzed, 1; excess corn bran present.
- West Louisville Mills, W. Louisville, Ky. Inspection sample of Mixed Wheat Feed analyzed, 1; equaled guaranty.
- Winchester Roller Mills, Winchester, Ky. Inspection samples of "Perfection Brand" Mixed Feed analyzed, 2; equaled guaranty.
- Woolcott Milling Co., Harrisburg, Ill. Inspection sample of Mixed Feed analyzed, 1; equaled guaranty.
- Wooldridge & Co., Louisville, Ky. Inspection samples analyzed, 2.
- "Wooldridge Long Run" Dog Feed, 1; too high in fiber; wheat bran and middlings present tho not guaranteed.
- "Wooldridge Big Stride" Dog Feed, 1; equaled guaranty.
- Yopp Seed Co., Paducah, Ky. Inspection samples analyzed, 2.
- Yopp's Laying Mash, 1; equaled guaranty.
- "Manamar Brand" All Mash, 1; equaled guaranty.
- J. W. Zaring Grain & Mill Co., Richmond, Ky. Inspection samples of Bonanza Feed analyzed, 2; excess corn bran present; 1 too low in protein.
- Ziliak & Schafer Milling Co., Evansville, Ind. Inspection sample of Elite Egg Mash analyzed, 1; too low in protein; alfalfa leaf meal present tho not guaranteed.