

Commercial Feeds in Kentucky, 1946

Including Report on Official Feed
Samples Analyzed

October-December, 1946



Kentucky Agricultural Experiment Station
University of Kentucky
Lexington

FEEED AND FERTILIZER DEPARTMENT
KENTUCKY AGRICULTURAL EXPERIMENT STATION

BRUCE POUNDSTONE, Head of Department

FIELD INSPECTION

ROBERT MATHEWS

EDDIE PASCO*

N. J. HOWARD

LABORATORY

HARRY R. ALLEN

VALVA MIDKIFF

LELAH GAULT

STACY B. RANDLE*

J. A. SHRADER

OZELLA GILBERT

W. G. TERRELL

ALICE H. KING*

ELIZABETH SWIFT

* Resigned during 1946.

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Commercial Feeds in Kentucky, 1946

The year 1946 was critical for feed manufacturers and feeders alike. Difficulty of getting ingredients and the great demand for feeds began to be felt acutely in the first three months of the year. Most manufacturers, despite the difficulties, kept their feeds up to their former high standards and maintained their reputation for high-quality products.

Strain on feed supplies resulting from the program of relief shipments abroad brought the feed situation to a really critical point in the second quarter and on into the second half of 1946. Domestic demand for feedstuffs reached unprecedented levels and feed manufacturers resorted to the use of materials not ordinarily used in feeds. Supplies of the ingredients considered satisfactory for feeding purposes was stretched to unheard-of limits by combining them with less valuable materials.

This situation brought the manufacturer and livestock feeder face to face with very real questions. Manufacturers had to decide what changes needed to be made in their formulas as to amounts and kinds and quality of ingredients; whether to maintain quality and sell a reduced volume of feed or to sacrifice quality and sell a larger volume. The feeder, in addition to the difficulty of finding feed on the market, had to guard constantly against paying for inferior feed at quality prices.

TONNAGE IN 1946

In spite of this supply-and-demand situation, the feed manufacturing industry made and distributed the largest volume of feed on record for the period January through September. Tonnage fell off sharply, however, as soon as the 1946 crops became available, and the total for the year was somewhat under that of 1945.

Tonnage of feed sold in Kentucky, as estimated from the number of tax tags issued by calendar years, beginning with 1940, was as follows:

<i>Year</i>	<i>Tons</i>
1940	353,138
1941	350,000
1942	426,805
1943	630,438
1944	663,039
1945	671,350
1946	647,661

Of the tonnage for 1946, about 31 percent was dairy feed, 37 percent poultry feed, 5 percent horse and mule feed, 10 percent hog feed, and 2 percent dog feed. The balance of the tonnage was made up of straight feed materials, mineral feed, and miscellaneous feeds.

A summary of estimated sales by class of feed, in tonnage, is given in Table 1.

BETTER KNOWLEDGE OF FEEDS

Modern milling methods remove from grain byproducts used for feed much of certain food nutrients such as protein, minerals, and vitamins, which formerly were left in. Moreover, when soils become depleted of essential mineral nutrients by intensive cultivation and erosion, the quality of the plants grown is lowered, and therefore the average quality of food plants has tended downward during the past few decades. Partly as a result, many supplement mixtures now are on the market to "balance the feed ration."

The Department of Feed and Fertilizer tries to inform and to protect purchasers of commercial feeds by requiring that as much information as possible be given on the state guaranty tag concerning the composition of feeds offered for sale, including the amount of filler, when used. The amount of filler that can legally be used is restricted to 25 percent.

Many feeders are in need of a practical knowledge of feeds and how to select them on the basis of quality and economic productiveness. Successful farmers who raise livestock must understand the value of the feeds they grow on their farms and should know how to supplement their home-grown feeds with suitable material to make a balanced ration. The Department of Feed and Fertilizer is endeavoring to protect the feeder against adulterated and misbranded feeds and to carry as much practical information as possible to him through the guaranty tag, inspection service, correspondence, and publications.

Many manufacturers are rendering a valuable educational service to farmers, and in this they are to be commended. Unfortunately, however, some are confusing the minds of feeders through extravagant claims of salesmen and advertising. Because of this, they are doing the feed industry, as well as the livestock industry, great harm. Feeders needing help on their feed programs should be encouraged to depend primarily on the county agricultural agent, the Animal Husbandry Department, and the Feed and Fertilizer Department of the Kentucky Agricultural Experiment Station.

TABLE 1—SUMMARY OF SALES BY CLASS OF FEED, KENTUCKY, 1946

Feed	Tons	Feed	Tons
Straight byproducts			
Alfalfa meal	355	Special purpose feeds (continued)	
Barley, ground	100	20% protein red tag	38,450
Bonemeal	450	24% protein yellow tag	2,450
Brewers dried grains	850	24% protein red tag	28,650
Corn byproduct feed	3,200	Supplement	6,700
Corn feed meal	600	Dog and cat feed	163,300
Corn gluten feed	300	Goat feed	10,560
Corn meal	50	Hog feed	825
Cottonseed meal	4,300	Fattening and growing	40,275
Cottonseed feed	250	Supplement	9,750
Cracked corn	16,550	Horse and mule feed yellow tag	50,025
Crushed ear corn	250	Horse and mule feed red tag	2,475
Corn and oats feed	300	Pigeon feed	23,150
Distillers corn dried grains	4,725	Poultry grains	150
Distillers dried solubles	75	Chick	2,983
Hominy feed	6,275	Scratch	46,407
Hominy meal	300		
Meat scraps	1,650	Poultry mash	49,330
Meat and bone scraps	525	All-mash starting and growing ration	11,395
Miscellaneous wheat feed	9,325	All-mash laying ration	18,595
Mixed feed (Wheat byproduct with small amount of corn bran)		Flushing feed	1,055
Oats ground	13,850	Growing mash	16,202
Oat hull feed	450	Fattening mash	4,450
Soybean oil meal (expeller)	1,050	Broiler mash	11,202
Soybean oil meal (solvent)	9,875	Laying mash	78,015
Tankage	2,025	Starting mash	13,202
Wheat bran	2,550	Starting and growing	21,410
Wheat brown middlings	7,225	Supplement mash	4,250
Wheat gray middlings or shorts	7,925	Turkey growing mash	6,560
Wheat mixed feed	11,200	Turkey laying mash	2,250
Wheat red dog flour	12,750	Turkey starting mash	3,175
	550	Turkey supplement mash	625
		Rabbit feed	192,386
		Sheep feed	3,785
		Stock feed	1,675
		Protein and mineral feed	15,975
		Mineral feed	1,470
		Miscellaneous	4,295
			4,425
Special purpose feeds			
Calf Meal	3,895		
Dairy feed			
16% protein yellow tag	25,125		
16% protein red tag	42,400		
18% protein yellow tag	1,950		
18% protein red tag	13,875		
20% protein yellow tag	3,700		

REGISTRATION OF FEED

The feed law of Kentucky requires each and every manufacturer, importer, jobber, agent, or seller to register each and every brand of feed classed as concentrates, or feed materials that have been ground or mixed or processed, with the Kentucky Agricultural Experiment Station, and to label it with a state guaranty tax tag before selling or exposing it for sale. If the manufacturer does not register it, then the law holds any agent or dealer down the line to the seller responsible for registering and labeling the feed before it is sold to the farmer or offered for sale. If the feed is not registered it may involve anyone who is responsible for placing it on the market, and especially the agent or seller who handles it last in the transaction.

The law stipulates in general principles what information is required in registering feeds and what must be contained on the guaranty tag. It also empowers the Director of the Experiment Station to adopt standards and to make and enforce such rules and regulations as he may deem necessary to carry into effect the true intent and meaning of the act. The following information, which is the guaranty to the state and to the purchaser, must be given in the registration and printed on the state guaranty tax tag or label which must be attached to each bag containing the feed. Before filling in the registration form, the manufacturer or applicant should read and study carefully the general standards, rules, and regulations which are usually printed on the back of the registration form. If the applicant needs further information, he should write the Feed and Fertilizer Department of the Agricultural Experiment Station, at Lexington. The following information must be on the guaranty tag:

- Net weight of the contents of bag.
- The brand name of the feed.
- Name and address of the manufacturer or the person responsible for putting the feed on the market.
- Minimum percentage of crude protein.
- Minimum percentage of crude fat.
- Maximum percentage of crude fiber.
- Specific name of each ingredient used in making the feed.

READ THE TAG

The tag should tell the truth. The best information and protection the purchaser of feeds has is the tag and the honesty of the manufacturer. The purchaser should read the tag carefully and study the guaranty. It contains the name and address of the manufacturer and his guaranty. Compare the tag with the record of the manufacturer in the summary of results in the back part of this bulletin. If his

record is good, you can be reasonably sure the feed is what it is represented to be on the tag. If his record is bad, then the feed is likely to be poor.

A feeder who buys on price instead of quality, tho price is always a factor to be considered, is practicing false economy. A cheap "yellow tag" feed usually is the costliest feed a farmer can buy, because of the small amount and food quality of the nutrients and the unwholesomeness of the feed.

SYSTEM OF TAGGING

This Department groups feeds into three general classes: "straight" feeds, "straight mixed" feeds, and "yellow tag" feeds, and labels them accordingly. (See example of these tags, page 9.) The purpose of this system of labeling is to mark conspicuously certain important differences in the character of feeds. It is designed to aid in the selection of feeds. The tags are printed according to a three-color scheme, as follows:

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

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

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

"YELLOW TAG" OR FILLER FEEDS

A "Yellow Tag" feed is one that contains a material or materials of little or no feed value, as a "filler." The filler material must not exceed 25 percent of the mixture. Usually, the cheapest materials that can be found are put into filler feeds. They vary widely in chemical and physical composition. They may have some value as feed, or may be worthless or even dangerous if containing poisonous weed seeds, disease germs, and other foreign material, such as dirt

and sand. Often a farmer has on his place material going to waste of as much or more feed value.

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SUMMARY OF RESULTS OF INSPECTION AND ANALYSIS, 1946

In the reports covering the analyses made by this department for the first, second, and third quarter of 1946 and in the present report, an effort has been made to draw attention to samples that ran lower in quality by making them stand out in the report by the use of bold face type and pointing hands. Samples so designated failed to equal guaranty by one half of one percent or more (deficiencies of less than one half of one percent are not considered evidence of fraudulent intent) or where the feed was adulterated with hulls, unground weed seeds, or refuse. If samples of the same feed or of several feeds of a single firm continually run below guaranty, or are adulterated, then such a manufacturer must expect prosecution. During the year nineteen such cases were filed and fines assessed in all instances.

The results of analysis of inspection samples for feeds for the last three months of 1946 are given on the following pages. Reports covering the previous nine months have been published and may be had by writing to the Kentucky Agricultural Experiment Station.



\$100 penalty for using this tag second time

100 POUNDS NET 16% PROTEIN DAIRY FEED

MADE BY
JOHN DOE & CO.,
MILLVILLE, KY.

GUARANTEED ANALYSIS	
	Per Cent
Protein	16.00
Fat	3.50
Fiber	15.00

MADE FROM:

Wheat Bran, Corn Feed Meal, Brewers Dried Grains, Cottonseed Meal, 10% Oat Hull Feed, 15% Ground Screenings Refuse (Weed Seeds, Hulls, Chaff and Inferior Grain), Ground Limestone 1%, Salt 1%

The above is the manufacturer's or dealer's guaranty and the sale of this package is authorized subject to the feed stuffs law.

Director
Ky. Agricultural Experiment Station,
Lexington, Kentucky

252/42

"Yellow Tag" Feed



\$100 penalty for using this tag second time

100 POUNDS NET 20% PROTEIN LAYING MASH

MADE BY
JOHN DOE & CO.,
MILLVILLE, KY.

GUARANTEED ANALYSIS	
	Per Cent
Protein	20.00
Fat	4.50
Fiber	7.00

MADE FROM:

Ground Yellow Corn, Wheat Bran, Wheat Middlings, Meat Scrap, Soybean Oil Meal, Alfalfa Meal, Dried Buttermilk 5%, Ground Limestone 2%, Salt 1%

The above is the manufacturer's or dealer's guaranty and the sale of this package is authorized subject to the feed stuffs law.

Director
Ky. Agricultural Experiment Station,
Lexington, Kentucky

251/42

Straight Mixed Feed



\$100 penalty for using this tag second time

100 POUNDS NET WHEAT MIXED FEED AND SCREENINGS

MADE BY
JOHN DOE & CO.,
MILLVILLE, KY.

GUARANTEED ANALYSIS	
	Per Cent
Protein	15.50
Fat	4.00
Fiber	8.50

MADE FROM:

Wheat Bran, Wheat Middlings, Ground Wheat Screenings 5%

The above is the manufacturer's or dealer's guaranty and the sale of this package is authorized subject to the feed stuffs law.

Director
Ky. Agricultural Experiment Station,
Lexington, Kentucky

250/42

Straight Feed

TABLE 2.—REPORT OF OFFICIAL FEED SAMPLES ANALYZED

October—December, 1946

Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse, have been made to stand out in the report by the use of bold-face type, a pointing hand, and (where necessary) appropriate remarks in the column labeled 'Remarks.'

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
The Abilene Flour Mills Co., Abilene, Kansas								
Wheat Brown Shorts and Screenings	Davidson Bros. & Co., Berea, Kentucky	16.00	16.70	4.00	4.20	7.50	5.60	
Acme Evans Company, Indianapolis, Indiana								
Producer Brand 17% Protein Starting and Growing Mash	A. J. Siebert Co., Corbin, Kentucky	17.00	17.20	3.50	4.30	7.00	7.70	High in fiber.
Acme Pallfill 20% Protein Dairy Feed	A. J. Siebert Co., Corbin, Kentucky	20.00	21.50	3.50	4.90	12.50	10.20	Adulterated with about 146,200 unground weed seeds per 100 pounds.
Acme Sweet Stock Feed	Kroger Grocery, Pineville, Kentucky	10.00	10.20	3.50	4.90	12.00	23.40	Adulterated with about 90,800 unground weed seeds per 100 lbs. and screenings refuse. Very high in fiber. Misbranded.
Acme Wheat Brown Middlings and Screenings	Farmers Co-op Store, Owensboro, Kentucky	16.00	14.00	4.00	4.00	7.50	10.00	Low in protein, very high in fiber. Misbranded.
Acme Wheat Brown Middlings and Screenings	Southern States Maysville Co-operative, Maysville, Kentucky	16.00	15.10	4.00	4.80	7.50	9.50	Very high in fiber. Misbranded.
Acme Wheat Feed and Screenings	Farmers Co-op Store, Owensboro, Kentucky	15.00	15.70	4.00	4.90	8.50	9.70	High in fiber.

Albany Mills, Albany, Kentucky Wheat Mixed Feed	Albany Mills, Albany, Kentucky	15.65	13.30	4.50	6.70	8.50	6.20	Very low in protein. Misbranded.
Alfocorn Milling Company, East St. Louis, Illinois Full Pail 16% Protein Dairy Feed.	Henderson Feed and Commission Company, Henderson, Kentucky	16.00	20.10	3.50	3.80	15.00	12.50	
Allied Mills, Inc., Chicago, Illinois Wayne 20% Turkey Growing Mash	Murray Hatchery, Murray, Kentucky	20.00	21.00	3.50	4.20	7.00	7.30	
Wayne 18% Protein Egg Mash	Colonial Coal and Supply Co., Erlanger, Kentucky	18.00	18.20	3.50	3.80	8.00	8.40	
Wayne Economy 18% Protein Laying Mash	Hart Bros., Berea, Kentucky	18.00	17.30	3.50	4.50	8.00	8.80	Adulterated with about 90,800 unground weed seeds per 100 pounds.
Wayne 15% Protein All-Mash Poultry Ration	Sunshine Store, Paducah, Kentucky	15.00	16.60	4.00	3.90	6.00	7.20	High in fiber.
Wayne 24% Dairy Feed	Sunshine Store, Paducah, Kentucky	24.00	24.80	3.50	5.60	10.00	9.30	
Wayne 24% Dairy Feed	Colonial Coal and Supply Co., Erlanger, Kentucky	24.00	24.00	3.50	4.30	10.00	7.80	
Wayne 24% Dairy Feed	Bennett and Dowling, Burgin, Kentucky	24.00	25.90	3.50	3.50	10.00	7.90	
Wayne 16% Dairy Feed	Sunshine Store, Paducah, Kentucky	16.00	18.40	3.50	4.00	13.00	12.80	
Wayne 16% Dairy Feed	Bennett and Dowling, Burgin, Kentucky	16.00	21.00	3.50	4.90	13.00	14.70	High in fiber.
Wayne Complete 16% Protein Calf Feed	Sandusky Bros., Harrodsburg, Kentucky	16.00	17.80	3.00	5.00	9.00	10.10	Adulterated with Alfalfa Stem Meal.
Always-A-Head Mills, East St. Louis, Illinois Do-Mor 16% Protein Dairy Feed	Edwin C. Hawkins, Paducah, Kentucky	16.00	17.20	3.50	3.30	15.00	9.20	
Anderson and Spillman, Danville, Kentucky Snow Flake Feed	L. D. Flanagan, Russell Springs, Kentucky	13.60	12.60	3.65	4.00	8.00	7.40	Below Guarantee in pro- tein.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Arcady Farms Milling Co., Chicago, Illinois	Sunkist 18% Protein Egg Mash	18.00	18.80	3.50	4.40	8.00	8.40	
	Jim Pyles, Junction City, Kentucky	15.00	14.50	4.50	5.50	6.00	8.50	Very high in fiber, mis- branded.
	Owens Bros., Russell Springs, Kentucky	14.00	13.10	4.00	5.50	6.00	5.60	Below guarantee in pro- tein.
Aubrey & Company, Louisville, Kentucky	M. E. Compton Produce Co., Somerset, Kentucky	20.00	20.30	4.00	4.40	8.00	6.60	
	Cecilian Milling Co., Elizabethtown, Kentucky	9.00	9.60	3.00	2.50	5.00	2.60	
	Anderson & Spillman, Danville, Kentucky	24.00	26.70	4.50	4.50	12.00	9.70	
	Charles Cornwell, Rothwell, Kentucky	20.00	19.70	4.00	4.20	14.00	9.70	
	Hardin County Milling Co., Elizabethtown, Kentucky	16.50	17.50	4.00	4.00	15.00	12.40	
	Cecilian Milling Company, Elizabethtown, Kentucky	16.50	16.70	3.50	4.40	15.00	14.20	
	Montgomery and Newland, McKinney, Kentucky	10.00	10.30	7.00	6.90	6.00	5.09	
	Saylor Brothers, Crab Orchard, Ky.	14.40	12.70	4.50	3.40	7.50	6.50	Below guarantee in pro- tein and fat.
The Auburn Mills, Auburn, Kentucky	The Auburn Mills, Auburn, Kentucky	10.80	11.00	9.00	8.30	8.30	4.50	Below guarantee in fat.
	The Auburn Mills, Auburn, Kentucky	20.00	22.40	3.50	4.70	7.00	7.00	
Ballard and Ballard Co., Louisville, Kentucky	Lawrence Brewer & Sons, Lexington, Kentucky							
	Insurance Brand 20% Protein Turkey Growing Mash							

Ballard's 18% Protein Laying Mash	18.00	18.50	3.50	4.00	7.00	7.30	Farmers Supply Co., Harrodsburg, Kentucky
Insurance Brand 20% Protein Laying Mash	20.00	20.20	3.50	4.00	7.00	6.88	Bell Grocery Company, Baxter, Kentucky
Insurance Brand 20% Protein Egg and Breeder Mash	20.00	20.60	3.50	3.40	7.00	7.90	J. W. Purkey, Berea, Kentucky
Insurance Brand 20% Protein Egg and Breeder Mash	20.00	20.50	3.50	4.20	7.00	7.50	Bourbon Hatchery, Paris, Kentucky
Milk Insurance Brand 20% Protein Dairy Feed	20.00	22.30	3.50	4.90	9.00	9.50	Perryville Ice & Produce Co., Perryville, Kentucky
Milk Insurance Brand 20% Protein Dairy Feed	20.00	19.50	3.50	4.40	9.00	4.50	Kidd Bros., Barbourville, Kentucky
Milk Insurance Brand 18% Protein Dairy Feed	18.00	17.70	3.50	4.60	9.00	8.40	Brumfield Hay & Grain Co., Lexington, Kentucky
Ballard's 16% Protein Sweet Dairy Feed	16.00	18.10	3.50	4.60	15.00	14.20	Mrs. Raymond Norris, McKee, Kentucky
Ballard's 16% Protein Sweet Dairy Feed	16.00	16.60	3.50	4.10	15.00	14.90	J. H. Lyons & Son, Loretto, Kentucky
Insurance 18% Protein Pig and Sow Ration	18.00	20.60	3.50	4.10	7.00	7.90	Bell Grocery, Baxter, Kentucky
Ballard's Kentucky Farm Feed and Screenings	16.00	15.10	4.00	4.20	7.00	5.60	Moses Supply Co., Richmond, Kentucky
Baltic Mills Company, Vincennes, Indiana	10.00	10.10	7.00	7.90	6.00	4.60	Below guarantee in protein.
Knox County Hominy Feed	13.50	13.50	3.50	4.00	7.00	7.70	High in fiber.
Baughman Milling Company, Stanford, Kentucky							
Banner Stock Feed							

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
James B. Beam Distilling Co., Clermont, Kentucky								
28% Protein Distillers Corn								
Dried Grains	Creech Coal Co., Twila, Kentucky	28.00	28.20	8.00	8.00	14.00	12.20	
Big Four Mills, Ltd., Covington, Kentucky								
Big Four 20% Protein Laying Mash	Farmers Feed Store, Lexington, Kentucky	20.00	24.00	4.50	3.70	8.00	8.40	Below guarantee in fat.
Big Four Scratch Feed	Cut Rate Grocery, Flemingsburg, Kentucky	9.00	9.00	3.00	2.40	3.50	2.80	Adulterated with about 25,000 unground weed seeds per 100 lbs.
Big Four 24% Protein Dairy Feed	Farmers Feed Store, Lexington, Kentucky	24.00	25.90	3.50	5.20	12.00	10.10	
Big Four 24% Protein Dairy Feed	S. & S. Supply Co., Barbourville, Kentucky	24.00	26.50	3.50	4.20	12.00	10.00	
The Blair Milling Co., Atchison, Kansas								
Soft Wheat Gray Shorts and Screenings	Edwin C. Hawkins, Paducah, Kentucky	16.00	15.40	4.00	4.00	6.00	6.40	Below guarantee in pro- tein.
Blish Milling Company, Seymour, Indiana								
Bull's Eye Wheat Brown Middlings and Screenings	McPherson and Nickell, Jackson, Kentucky	16.00	15.20	4.00	4.30	7.50	8.00	Below guarantee in pro- tein.
Blue Banner Feed Co., East St. Louis, Illinois								
Blue Banner 40% Protein Hog Supplement	L. C. McLoney & Sons, Cynthiana, Kentucky	40.00	40.40	5.00	6.10	7.00	7.30	Not registered.
The Brode Corp., Memphis, Tennessee								
Owl Brand 41% Protein Soybean Oil Meal	L. C. McLoney & Sons, Cynthiana, Kentucky	41.00	44.50	3.50	3.90	7.00	5.40	

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM	PROTEIN		FAT		FIBER		REMARKS
		Guar. Fnd.	Fnd.	Guar. Fnd.	Fnd.	Guar. Fnd.	Fnd.	
Chaplin Feed Mills, Chaplin, Kentucky	Right Way Brand 16% Stock Feed	16.00	15.90	4.00	4.20	6.00	5.10	
The Cincinnati Grain and Hay Co., Cincinnati, Ohio	Hominy Feed	10.00	10.80	7.00	7.50	6.00	6.40	
Citizens Milling Company, Somerset, Kentucky	Cumberland Special Mixed Feed	16.00	11.10	4.00	3.70	10.00	7.80	Very much below guarantee in protein. Misbranded.
Citizens Milling Co., Somerset, Kentucky	Cumberland Special Mixed Feed	16.00	11.20	4.00	4.20	10.00	8.40	Very low in protein. Misbranded.
Clifty Falls Mills, Inc., Madison, Indiana	Clifty Falls 20% Protein Mash	20.00	21.20	3.50	4.10	7.00	7.70	High in fiber.
Clifty Falls 20% Protein Mash	Hardin County Milling Co., Elizabethtown, Kentucky	20.00	19.10	3.50	3.70	7.00	6.90	Below guarantee in protein.
Clifty Falls 20% Protein Mash	The May Grocery Co., West Liberty, Kentucky	20.00	18.70	3.50	4.90	7.00	7.90	Below guarantee in protein, high in fiber.
Clifty Falls 20% Protein Breeder Mash	T. W. Brooks, Cynthiana, Ky.	20.00	19.70	3.50	3.80	7.00	7.50	
Clifty Falls 20% Protein Breeder Mash	Wood & Brown Williamstown, Ky.	20.00	19.60	3.50	4.40	7.00	7.40	
Clifty Falls 24% Protein Dairy Feed	Clell Coleman & Sons, Harrodsburg, Ky.	24.00	23.50	3.50	3.50	10.00	8.10	
Clifty Falls 24% Protein Dairy Feed	Wash Farm Supply Co., Lawrenceburg, Ky.	24.00	25.30	3.50	5.80	10.00	13.50	Very high in fiber. Misbranded.

Clifty Falls 20% Protein Dairy Feed	Vernon Puckett, Irvine, Kentucky	20.00	18.40	3.50	4.10	11.00	8.50	Below guarantee in protein.
Clifty Falls 16% Protein Dairy Feed	Hardin Co. Milling Co., Elizabethtown, Ky.	16.00	14.70	3.50	4.20	12.00	10.10	Adulterated with screenings refuse and about 90,800 unground weed seeds per 100 pounds.
H. C. Cole Milling Co., Chester, Illinois Omega Wheat Gray Shorts and Screenings	G. W. Haycraft & Son, Leitchfield, Kentucky	16.00	16.50	4.00	4.40	6.00	7.20	High in fiber.
Clell Coleman & Sons, Burgin, Kentucky Coleman's Favorite Feed	Powell Hackney Grocery, Beattyville, Kentucky	15.00	15.70	4.00	4.00	8.50	6.70	
Big Blue Stock Feed	Clell Coleman & Sons, Burgin, Kentucky	16.50	15.50	4.00	4.20	8.00	6.10	Below guarantee in protein.
Big Blue Stock Feed	Coomer Feed Store, Columbia, Kentucky	16.50	16.50	4.00	4.60	8.00	6.30	
Columbia Milling Co., Columbia, Kentucky Dividend Feed	Kenneth Cundiff, Columbia, Kentucky	15.00	14.10	4.00	3.80	6.80	6.50	Below guarantee in protein.
G. E. Conkey Company, Cleveland, Ohio Conkey's Sugrlist Brand 12% Protein Beef Fattener	Hales Feed & Produce Co., Ashland, Kentucky	12.00	10.20	1.50	1.60	10.00	7.70	Below guarantee in protein.
Cooperative Mills, Inc., Cincinnati, Ohio 32% Protein Poultry Supplement	So. States Somerset Coop., Somerset, Kentucky	32.00	36.70	4.00	2.80	8.00	7.60	Below guarantee in fat.
Super Brand 20% Protein Laying Mash	Cofer's Service Station, North Pleasureville, Ky.	20.00	21.00	3.50	4.60	8.00	7.90	
Super Brand 20% Protein Laying Mash	Archer & Redwine, Sandy Hook, Ky.	20.00	20.40	3.50	4.50	8.00	7.89	

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar. Fnd.	Fnd.	Guar. Fnd.	Fnd.	Guar. Fnd.	Fnd.	
Cooperative Mills, Inc., Cincinnati, Ohio—Cont.								
Super Brand 20% Protein Laying Mash	Berea Seed Growers Berea, Kentucky	20.00	20.30	3.50	4.70	8.00	8.00	7.80
Market 18% Protein Laying Mash	Calloway Co., Soil Imp. Assn., Murray, Kentucky	18.00	18.10	3.50	4.80	8.00	8.00	8.50
Market Brand 18% Protein Laying Mash	Fields Feed & Grain Co., Hazard, Kentucky	18.00	18.80	3.50	4.50	8.00	8.00	8.60 High in fiber.
Super Brand 18% Protein Laying Mash	So. States Somerset Coop., Somerset, Kentucky	18.00	18.90	3.50	4.20	8.00	8.00	8.00
15% Protein All-Mash Laying Ration	So. States Flemingsburg Coop., Flemingsburg, Ky.	15.00	16.20	4.00	3.90	7.00	7.00	8.50 High in fiber.
15% Protein All-Mash Laying Ration	So. States Somerset Coop., Somerset, Kentucky	15.00	15.80	4.00	4.80	7.00	7.00	9.20 High in fiber. branded.
Milk Maker 32% Dairy Supplement	Calloway Co. Soil Imp. Assn., Murray, Kentucky	32.00	35.00	3.50	5.20	10.00	10.00	8.20
Milk Maker 20% Protein Dairy Feed	Bullock & Bullock, Mt. Vernon, Kentucky	20.00	22.80	3.50	5.10	10.00	10.00	7.80
Milk Maker Brand 20% Protein Dairy Feed	So. States LaGrange Coop. LaGrange, Kentucky	20.00	23.20	3.50	3.80	10.00	10.00	7.40
Milk Maker Brand 16% Protein Dairy Feed	Farmers Cash Store, Liberty, Kentucky	16.00	18.20	3.50	5.60	10.00	10.00	9.60
Milk Maker Brand 16% Protein Dairy Feed	Wood & Brown, Williamstown, Ky.	16.00	19.60	3.50	4.60	10.00	10.00	8.40
16% Protein Dairy Feed	Farmers Supply Co., Paintsville, Ky.	16.00	19.80	3.50	4.90	15.00	15.00	14.70
16% Protein Dairy Feed	So. States Georgetown Coop., Georgetown, Kentucky	16.00	18.30	3.50	4.10	15.00	15.00	13.50
18% Protein Calf Starter	So. States Lebanon Coop., Lebanon, Kentucky	18.00	18.30	4.00	5.30	7.00	7.00	8.60 High in fiber.
Pork Maker Brand 35% Protein Hog Supplement	Farmers Co-op Store, Owensboro, Kentucky	35.00	39.20	3.50	3.50	8.50	8.50	8.00

Pork Maker 35% Protein Hog Supplement	Hopkinsville Implement Co., Hopkinsville, Kentucky	35.00	39.30	3.00	3.20	8.50	8.10
41% Protein Soybean Oil Meal	So. States Flemingsburgs Coop., Flemingsburg, Ky.	41.00	43.00	4.50	4.60	7.00	5.80
Geo. Couch & Sons, New Harmony, Indiana							
Harmony 18% Protein Egg Mash	Kentucky Wholesale Co., Pikeville, Kentucky	18.00	18.70	3.50	5.10	8.00	6.50
Harmony 24% Protein Dairy Feed	Kentucky Wholesale Co., Pikeville, Kentucky	24.00	24.80	4.00	4.60	11.00	9.00
Crescent Boiler Mills Co., Taylorville, Kentucky							
☞ Crescent Stock Feed	Chappell Grocery, Pineville, Kentucky	14.00	10.30	4.50	4.10	6.00	3.40 ☞ Very low in protein. Misbranded.
Danville Hardware and Supply Co., Danville, Kentucky							
13% Protein Hog Feed	Danville Hdw. & Supply Co., Danville, Kentucky	13.00	13.00	3.50	3.60	5.00	4.80
Dearborn Mills, Aurora, Indiana							
Dearborn 24% Protein Dairy Feed	A. C. Morris, Wheatley, Kentucky	24.00	24.50	3.50	4.10	12.50	10.70
☞ Dearborn 16% Protein Dairy Feed	E. W. Simpson, Owenton, Kentucky	16.00	15.30	3.50	5.60	15.00	11.10 ☞ Below guarantee in protein.
Decatur Milling Co., Decatur, Illinois							
Homco Hominy Feed	Yopp Seed Co., Paducah, Ky.	10.00	10.30	7.00	8.50	6.00	5.20
The Dewey Bros. Co., Blanchester, Ohio							
Dewey's 24% Protein Dairy Ration	Hopkins Supermarket, Pikeville, Kentucky	24.00	24.60	4.00	5.80	10.00	10.30
Dewey's 20% Protein Dairy Feed	Fannin Wholesale Co., West Prestonsburg, Ky.	20.00	22.10	3.50	3.60	11.00	8.40
☞ Dewey's Horse Feed	Hopkins Supermarket, Pikeville, Kentucky	9.00	10.50	3.00	4.30	9.00	10.30 ☞ Above guarantee in fiber.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM	PROTEIN		FAT		FIBER		REMARKS
		Guar. Fnd.	Fnd.	Guar. Fnd.	Fnd.	Guar. Fnd.	Fnd.	
W. C. Dicken, Mentor, Kentucky								
☞ Sunny Grain Brand 20% Protein Laying Mash	W. C. Dicken, Mentor, Kentucky	20.00	17.10	4.00	3.90	7.00	6.50	Very low in protein. Misbranded.
☞ Sunny Grain Brand 20% Protein Dairy Feed	W. C. Dicken, Mentor, Ky.	20.00	17.20	4.50	4.90	11.00	7.70	Very low in protein. Misbranded.
☞ Sunny Grain Brand 17% Protein Hog Feed	W. C. Dicken, Mentor, Ky.	17.00	18.40	5.00	4.00	7.00	6.10	Below guarantee in fat.
Dixie Mills Company, East St. Louis, Illinois								
Dixie 24% Protein Dairy Feed	Louisville Feed & Mineral Co., Louisville Kentucky	24.00	25.20	3.50	4.50	12.00	11.20	
Dixie 16% Protein Dairy Feed	Nelson Feed Store, Marion, Kentucky	16.00	19.60	3.50	4.20	14.00	10.00	
Dixie 20% Protein Pig & Sow Feed	Home Fruit Company, Harlan, Kentucky	20.00	23.00	4.00	5.10	10.00	9.00	
☞ Dixie 15% Protein Hog Fattener	Chappell Grocery, Pineville, Kentucky	15.00	17.40	3.50	4.70	5.50	7.90	Very high in fiber. Misbranded.
The Drackett Products Co., Cincinnati, Ohio								
Drackett 44% Protein Solvent Soybean Oil Meal	J. H. Fedders & Son, Covington, Kentucky	44.00	46.80	0.50	1.30	7.00	5.30	
Duncan and Theiss, LaGrange, Kentucky								
Dairy Maid 16% Protein Dairy Feed	Duncan & Theiss, LaGrange, Kentucky	16.00	18.70	4.50	5.80	9.00	7.70	
Dyersburg Oil Mill Company, Dyersburg, Tennessee								
Dyersburg Oil Mill 41% Protein Cottonseed Meal	Winn Milling Co., Greensburg, Ky.	41.00	40.50	6.00	6.90	10.00	10.00	

The Early & Daniel Company,									
Cincinnati, Ohio									
Tuxedo 17% Protein Starter, Grower and Developer Mash	Geo. P. Taylor, Burnside, Kentucky	17.00	17.30	3.50	4.10	6.50	6.80		
Tuxedo 18% Protein Egg Mash	General Fugate, Hindman, Kentucky	18.00	17.80	3.50	3.30	7.50	8.20	Above guarantee in fiber.	
Tuxedo Special 18% Protein Egg Mash	Renfro Supply Co., Williamsburg, Ky.	18.00	19.10	3.50	3.60	8.00	9.00	High in fiber.	
Tuxedo Chick Grains	Metcalf Fruit & Transfer Co., Baxter, Kentucky	9.00	9.20	2.50	2.10	3.50	2.00		
Tuxedo 30% Protein Dairy Supplement	Merchants Grocery Co., Pikeville, Kentucky	30.00	29.90	3.50	4.80	8.50	8.00		
Tuxedo 20% Protein Dairy Feed	3rd Street Feed Store, Lexington, Kentucky	20.00	19.80	3.50	3.50	10.00	9.70		
Tuxedo 20% Protein Dairy Feed	Everage Store, Emmalena, Kentucky	20.00	21.50	3.50	4.20	10.00	9.60		
Tuxedo 36% Protein Hog Supplement	Peck's Farmer's Supply Co., Sharpsburg, Kentucky	36.00	37.30	3.50	3.60	7.00	6.60		
Tuxedo 36% Protein Hog Supplement	D. B. Sutherland & Sons, Bloomfield, Kentucky	36.00	38.50	3.50	4.30	7.00	7.50		
Tuxedo 19% Protein Hog Ration	Scheben Coal & Feed Co., Erlanger, Kentucky	19.00	20.60	3.50	4.10	7.00	9.30	Very high in fiber. branded.	Mis-
Tuxedo 19% Protein Hog Ration	Booneville Wholesale Co., Booneville, Kentucky	19.00	23.10	3.50	3.70	7.00	9.00	Very high in fiber. branded.	Mis-
Tuxedo 14% Protein Porkmaker	Powell Bros., Evarts, Ky.	14.00	14.70	3.50	3.70	6.00	6.90	High in fiber.	
Tuxedo 18% Protein Goat Pellets	Early & Daniel Co., Ashland, Kentucky	18.00	18.40	3.00	4.70	10.00	8.00		
Tuxedo M-C 24% Protein Dog Feed	Parker Cooper, Monticello, Ky.	24.00	25.90	2.00	4.60	5.00	2.90		
Tuxedo M-C 24% Protein Dog Feed	W. H. Brock & Co., Winchester, Ky.	24.00	25.80	2.00	3.80	5.00	3.10		
Elevators and Mills, Inc.,									
Windfall, Indiana									
Balance Brand 43% Protein Soybean Oil Meal	Rankin Hatchery, Flemingsburg, Ky.	43.00	44.70	3.50	5.10	6.50	5.40		

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
John W. Eshelman & Sons, Lancaster, Pennsylvania	Eshelman Red Rose 24% Protein Dairy Feed	24.00	25.00	4.00	4.40	11.00	7.20	
	Eshelman Pennsy 16% Protein Dairy Feed	16.00	19.00	3.50	6.40	11.00	11.10	
Eshelman's Red Rose 16% Protein Pig and Hog Meal	Lewis Wholesale Company, Whitesburg, Ky.	16.00	16.20	3.50	5.00	7.00	10.30	Very high in fiber, adulterated with about 90,800 unground weed seeds per 100 lbs. Mis-branded.
Excelsior Milling Co., Minneapolis, Minnesota	Camel Wheat Mixed Feed	15.50	14.80	4.00	4.10	8.50	8.00	Below guarantee in protein.
Farmers & Merchants Milling Co., Brooksville, Kentucky	Mixed Feed	15.00	13.50	4.30	4.20	8.15	7.20	Below guarantee in protein.
Farmers Feed Store, Lexington, Kentucky	Best Brand 34% Dairy Supplement	34.00	34.70	5.00	6.10	10.50	10.20	
	Best Brand 24% Dairy Feed	24.00	24.00	4.50	5.70	11.00	11.30	
Farmers Best Brand 24% Dairy Feed	Perry Wholesale, Hazard, Kentucky	24.00	22.90	4.50	5.90	11.00	11.80	Below guarantee in protein, high in fiber.
Farmers Best Brand 24% Dairy Feed	Deaton Brothers, Jackson, Kentucky	24.00	21.50	4.50	5.40	11.00	9.40	Very much below guarantee in protein. Mis-branded.

Gregg's 16% Dairy Feed	W. L. Catron & Son, Campton, Kentucky	16.00	17.60	5.00	6.40	15.00	13.96
⌘ Farmers Special Brand 36% Protein Hog Supplement	Farmers Feed Store, Lexington, Kentucky	36.00	33.20	4.00	7.20	6.00	6.30 ⌘ Very low in protein. Misbranded.
⌘ Farmers Special Brand 18% Protein Hog Feed	John Adams, Jeff, Kentucky	18.00	17.30	4.00	4.20	7.00	8.60 ⌘ Below guarantee in pro- tein, above guarantee in fiber.
⌘ 30% Protein Distillers Wheat Dried Grains	Farmers Feed Store, Lexington, Kentucky	30.00	29.00	6.00	7.40	15.00	15.40 ⌘ Below guarantee in pro- tein.
Farmers Milling Company, Somerset, Kentucky							
⌘ Farmers XX Stock Feed	Fannin Store, Pine Knot, Kentucky	12.25	10.60	3.25	3.60	8.00	8.40 ⌘ Below guarantee in pro- tein.
Farmers Supply Company, Danville, Kentucky							
⌘ Ground Wheat	Farmers Supply Company, Danville, Kentucky	12.50	11.50	2.00	1.80	2.25	3.10 ⌘ Below guarantee in pro- tein, above guarantee in fiber.
Farmers Union Mill, Versailles, Kentucky							
Mixed Feed	Home Grocery Co., Jackson, Kentucky	14.35	14.70	4.50	4.00	8.50	7.10
J. H. Fedders & Son, Covington, Kentucky							
⌘ Ground Oats	J. H. Fedders & Son, Covington, Kentucky	11.00	11.80	4.50	5.30	12.00	12.80 ⌘ High in fiber.
Ferncliff Feed & Grain Co., Louisville, Kentucky							
⌘ Cracker Jack 24% Protein Sweet Dairy Ration	Albert Patrick, Williamsburg, Ky.	24.00	24.70	4.00	4.80	8.00	9.40 ⌘ High in fiber.
Ferncliff 24% Protein Dairy Ration	Merchants Grocery, Paintsville, Ky.	24.00	26.00	3.50	5.60	15.00	10.20
Cracker Jack Horse & Mule Feed	Laurel Grocery, East Bernstadt, Ky.	10.00	9.70	3.00	4.00	6.00	5.40

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar. Fnd.	Fnd.	Guar. Fnd.	Fnd.	Guar. Fnd.	Fnd.	
Henry Fisher Packing Co., Inc., Louisville, Kentucky								
‡ Mellwood Brand 60% Protein Digester Tankage	Payton's Hatchery, Horse Cave, Kentucky	60.00	57.00	5.00	9.50	2.50	2.50	Very low in protein. Misbranded.
Fonthill Milling Co., Fonthill, Kentucky								
‡ Fonthill's Best Brand Wheat Mixed Feed	Williams Produce, Russell Springs, Ky.	15.50	14.80	4.00	4.30	8.50	8.00	Below guarantee in pro- tein.
Henry Freuchtenicht, Louisville, Kentucky								
‡ Producer Brand Scratch Grains	Black Star Coal Corp., Alva, Kentucky	10.00	10.40	3.00	2.70	2.50	3.00	
‡ Blue Grass 24% Protein Dairy Feed	Watkins Wholesale Grocery, East Bernstadt, Kentucky	24.00	23.00	4.00	4.60	12.00	9.20	Below guarantee in pro- tein.
G & H Feed & Coal Co., Florence, Indiana								
‡ Standard 16% Dairy Feed	Lenwood Farm Hatchery, Owenton, Kentucky	16.00	15.70	3.50	4.00	10.00	9.10	
‡ 15% Pig and Hog Fattening Ration	Lenwood Farm Hatchery, Owenton, Kentucky	15.00	16.80	3.50	4.10	6.00	6.30	
Garrard Mills, Lancaster, Kentucky								
‡ Glen Lilly Mixed Feed	Garrard Mills, Lancaster, Kentucky	12.50	11.30	3.50	3.70	6.00	4.90	Below guarantee in pro- tein.
General Mills, Inc., Minneapolis, Minnesota								
‡ Larro 19% Protein Chick Bullder	H. T. Hackney, Harlan, Kentucky	19.00	19.70	3.50	4.60	6.00	6.70	High in fiber.
‡ Larro 18% Protein Eggs Mash	Salysville, Grocery, Salysville, Kentucky	18.00	18.80	3.50	5.60	8.00	7.80	

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM--	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Gwinn Brothers & Company, Huntington, W. Virginia—Cont.								
Gwinn's Grade A Brand 24% Protein Dairy Feed	Big Sandy Wholesale Co., Pikeville, Kentucky	24.00	30.50	3.50	4.00	12.00	9.20	
Merit Brand 24% Protein Dairy Feed	Gwinn Bros. & Co., Paintsville, Kentucky	24.00	20.90	3.50	3.70	15.00	7.40	Very low in protein. Misbranded.
Gwinn's Pioneer 16% Dairy Feed	W. R. Catron & Son, Campton, Kentucky	16.00	19.80	3.50	5.20	15.00	12.30	
Gwinn's 18% Protein Pig and Hog Feed	M. S. Qualls, Olive Hill, Ky.	18.00	16.80	3.50	3.80	7.00	6.90	Below guarantee in pro- tein.
Gwinn's 80% Grain Horse Feed	Big Sandy Wholesale Co., Pikeville, Kentucky	9.00	9.90	2.50	4.00	12.00	9.40	
Red Stock Feed	O. K. Market, Inez, Kentucky	12.00	13.00	3.00	3.60	9.00	7.00	
Gwinn's Wheat Brown Middlings and Screenings	Big Sandy Wholesale Co., Pikeville, Kentucky	16.00	14.60	4.00	3.90	7.50	7.10	Below guarantee in pro- tein.
Hales & Hunter Company, Chicago, Illinois								
Gold Flake 16½% Dairy Feed	M. T. Riley Seed Co., Paducah, Kentucky	16.50	19.20	3.50	3.70	15.00	10.30	
Gold Flake 16½% Dairy Feed	M. T. Riley Seed Co., Paducah, Kentucky	16.50	18.90	3.50	3.30	15.00	9.80	
Gold Flake 16½% Dairy Feed	Monarch Milling Co., Mt. Sterling, Kentucky	16.50	19.30	3.50	3.00	15.00	10.30	
Pioneer 15% Protein Hog Fattener	Henderson Feed & Commission Co., Henderson, Kentucky	15.00	18.30	3.50	3.80	7.00	8.90	Very high in fiber.
Pioneer 15% Protein Hog Fattener	M. T. Riley Seed Co., Paducah, Kentucky	15.00	15.90	3.50	4.30	7.00	8.10	High in fiber.
Pioneer 18% Protein Calf Starter	Frank J. Murphy, Valley Station, Ky.	18.00	22.50	2.50	4.60	10.00	6.60	
Hardin County Milling Co., Elizabethtown, Kentucky								
Emerson 16% Dairy Feed	Hardin Co. Milling Co., Elizabethtown, Kentucky	16.00	15.40	3.50	3.80	9.00	8.90	Below guarantee in pro- tein.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM	PROTEIN		FAT		FIBER		REMARKS
		Guar. Fnd.	Fnd.	Guar. Fnd.	Fnd.	Guar. Fnd.	Fnd.	
Home Milling Company, Greenville, Kentucky—Cont.								
Happy Home 16% Protein Dairy Feed	Home Milling Co., Greenville, Ky.	16.00	16.7	3.50	3.60	15.00	16.30	Adulterated with about 45,400 unground weed seeds per 100 lbs. and alfalfa stem meal.
Happy Home 40% Protein Hog Supplement	Sam Nahm, Bowling Green, Ky.	40.00	34.60	4.00	7.50	6.00	6.10	Very low in protein. Misbranded.
Champion Brand 16% Protein Pig and Hog Feed	Home Milling Co., Greenville, Ky.	16.00	13.50	3.50	3.90	6.00	5.60	Very low in protein. Misbranded.
Hopkinsville Milling Co., Hopkinsville, Kentucky								
Sunflower Brand 26% Protein Dairy Feed	Watson Coal & Feed Co., Princeton, Kentucky	26.00	26.30	4.00	4.10	10.00	9.60	
Hominy Feed	Watson Coal & Feed Co., Princeton, Kentucky	11.00	10.00	9.50	8.40	6.00	5.90	Below guarantee in fat.
Life Cycle Brand 18% Protein Poultry Mash	Hopkinsville Milling Co., Hopkinsville, Kentucky	18.00	18.80	3.50	5.00	6.75	7.20	
Horse Cave Mills, Horse Cave, Kentucky								
Superior Brand Mixed Feed	Bale Hardware Co., Horse Cave, Kentucky	12.00	13.20	4.00	2.90	8.50	4.50	Below guarantee in fat.
Igleheart Brothers, Clarksville, Tennessee								
Challenger 24% Protein Dairy Feed	Farmers Supply Co., Glasgow, Kentucky	24.00	23.50	3.50	6.90	14.00	10.50	
Purple Top 16% Protein Dairy Feed	Allen County Mills, Scottsville, Kentucky	16.00	21.90	3.50	4.70	15.00	9.70	

International Milling Co., Greenville, Texas	Target Brand Wheat Mixed Feed	E. S. Ferrell & Son, Buffalo, Kentucky	15.50	16.20	4.00	4.20	8.50	7.60
The Ismert-Hincke Milling Co., Kansas City, Missouri	Oracle Wheat Gray Shorts & Screenings	L. B. Coleman & Son, Pikeville, Kentucky	16.00	15.80	4.00	4.10	6.00	5.80
Kasco Mills, Inc., Toledo, Ohio	Kasco 20% Protein Egg Producer	The Merchants Grocery, West Liberty, Kentucky	20.00	22.30	3.50	4.10	7.50	5.80
Kasco	Kasco 15% Protein All Mash Laying and Breeding Ration	Mayflower Mills, East Jenkins, Kentucky	15.00	15.70	4.00	4.60	6.50	8.30 ^{High in fiber.}
Kasco	Mormilk 24% Dairy Ration	Hales Feed & Produce Co., Ashland, Kentucky	24.00	26.40	3.50	4.60	10.00	8.40
Kasco	Mormilk 24% Dairy Ration	Stanley Penn, Lexington, Kentucky	24.00	24.50	3.50	4.80	10.00	9.20 ^{Adulterated with ground screenings.}
Kasco	Sweet 16% Dairy Feed	Mt. Vernon Produce, Mt. Vernon, Kentucky	16.00	18.20	3.50	4.30	12.00	12.10
Kasco	Record 16% Dairy Ration	G. H. Bowles & Son, Glasgow, Kentucky	16.00	17.50	3.50	4.30	10.00	9.20
Kasco	Apex 16% Protein Hog Feed	Brock Brothers Grain Co., Maysville, Kentucky	16.00	16.50	3.50	4.00	7.00	11.60 ^{Very high in fiber. Misbranded.}
Spencer Kellogg & Sons, Buffalo, New York	Kellogg's 41% Protein Soybean Oil Meal	Farmers Feed Store, Lexington, Kentucky	41.00	43.40	3.50	4.20	7.00	6.00
Kellogg's	41% Protein Soybean Oil Meal	Summers Produce Co., Bardwell, Kentucky	41.00	43.80	3.50	4.50	7.00	5.80
The William Kelly Milling Co., Hutchinson, Kansas	Wheat Gray Shorts	Paris Produce Co., Scottsville, Kentucky	16.00	15.20	4.00	4.10	5.50	4.90 ^{Below guarantee in protein.}
Kentucky Animal Byproducts Co., Russellville, Kentucky	Blue Ribbon 50% Protein Tankage	Gill and Jennings, Russellville, Kentucky	50.00	58.10	12.00	10.50	3.00	2.60 ^{Below guarantee in fat.}

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Kentucky Chemical Industries, Cincinnati, Ohio								
Proviso 18% Protein Egg Mash	Merchants Grocery, Pikeville, Kentucky	18.00	19.30	3.50	4.00	7.00	7.70	High in fiber.
Super 18% Protein Broiler Mash	Keller Hay and Grain Co., Newport, Kentucky	18.00	18.30	3.50	4.50	7.00	5.80	
Proviso 24% Protein Sweet Dairy Feed	Merchants Wholesale Co., Pikeville, Kentucky	24.00	23.50	3.50	4.20	10.00	12.30	High in fiber.
Proviso 24% Protein Sweet Dairy Feed	Bourbon Hatchery, Paris, Kentucky	24.00	22.10	3.50	3.50	10.00	10.50	Below guarantee in pro- tein.
Proviso Veribest Special Pig & Hog Feed	Keller Hay & Grain Co., Newport, Kentucky	14.00	14.00	2.20	2.20	6.80	6.80	Not registered.
Proviso 16% Protein Pig & Hog Feed	Merchants Grocery Co., Pikeville, Kentucky	16.00	17.20	3.50	5.80	7.00	8.50	Very much above guar- antee in fiber.
Kentucky Cotton & Grain Co., Hickman, Kentucky								
Chowmix 13% Protein Hog Feed	Kentucky Cotton & Grain Co., Hickman, Kentucky	13.00	14.60	3.50	4.70	5.00	3.10	
F. W. Kibler Milling Co., Mt. Orab, Ohio								
Kibler 20% Egg Mash	Charles Rankin Hatchery, Flemingsburg, Kentucky	20.00	24.70	3.50	4.70	7.00	6.30	
Kibler 34% Dairy Supplement	Charles Rankin Hatchery, Flemingsburg, Ky.	34.00	36.10	3.00	3.60	12.00	9.70	
Star 16% Dairy Feed	Charles Rankin Hatchery, Flemingsburg, Kentucky	16.00	24.00	3.50	2.90	15.00	16.90	Very high in fiber. Mis- branded.
The Kroger Grocery & Baking Co., Cincinnati, Ohio								
Kroger's Wesco 24% Protein Dairy Feed	Kroger Grocery & Baking Co., Irvine, Ky.	24.00	24.80	3.50	3.10	10.00	7.70	

Laswell Milling Co., Brodhead, Kentucky	Laswell Milling Company, Brodhead, Kentucky	16.00	14.90	4.25	3.60	8.50	5.40	Below guarantee in protein and below guarantee in fat.
Lewis, Whitt & Company, Wrigley, Kentucky	Lewis, Whitt & Co., Wrigley, Kentucky	15.00	16.00	3.00	4.10	9.00	9.80	High in fiber.
Lexington Roller Mills, Lexington, Kentucky	Ravenna Grocery, Ravenna, Kentucky	18.00	17.70	4.25	4.10	6.00	6.20	
Starting and Growing All Mash Thoroughbred 16% Protein Dairy Feed	Jellico Grocery, Harlan, Kentucky	16.00	16.40	4.00	3.50	13.00	9.20	
Thoroughbred 16% Protein Hog Ration	Francis Wholesale Co., Prestonsburg, Kentucky	16.00	15.40	4.25	3.80	7.00	5.60	Below guarantee in protein.
Thoroughbred 16% Protein Dairy Feed	Campbell Wholesale Co., Combs, Kentucky	16.00	13.20	4.00	4.10	13.00	8.10	Very low in protein. Misbranded.
Bossie Stock Feed	The Merchants Grocery Co., West Liberty, Kentucky	13.00	12.80	4.00	4.00	7.00	7.50	
G. W. Lofton and Son, Providence, Kentucky	Ernest Newton, Earlington, Ky.	10.00	9.20	3.50	4.50	10.00	4.40	Below guarantee in protein.
Horse & Mule Feed	Inez Cash Store, Inez, Kentucky	16.00	15.80	4.00	4.20	7.50	7.80	
The Loudonville Milling Company, Loudonville, Ohio	Ramsey Feed Store, Campbellsville, Kentucky	41.00	40.50	5.00	6.00	12.00	10.40	
LeGrande Soft Winter Wheat Brown Middlings & Screenings								
I. B. Lovitt and Company, Memphis, Tennessee	Lovitt 4% Protein Cottonseed Meal							

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Mayfield Sweet Feed Mill, Mayfield, Kentucky								
State Leader 19% Laying Mash	Mayfield Sweet Feed Mill, Mayfield, Kentucky	19.00	19.40	4.00	5.40	6.00	7.60	High in fiber.
State Leader 18% Laying Mash	Mayfield Sweet Feed Mill, Mayfield, Kentucky	18.00	18.60	4.00	4.90	7.00	6.90	
State Leader 16% Dairy Feed	Mayfield Sweet Feed Mill, Mayfield, Kentucky	16.00	15.90	3.50	4.60	10.00	8.90	
State Leader 24% Dairy Feed	Mayfield Sweet Feed Mill, Mayfield, Kentucky	24.00	25.50	3.50	3.90	10.00	9.10	
State Leader 24% Dairy Feed	Mayfield Sweet Feed Mill, Mayfield, Kentucky	24.00	25.40	3.50	5.00	10.00	8.80	
State Leader 18% Hog Fattener	Mayfield Sweet Feed Mill, Mayfield, Kentucky	18.00	19.00	3.50	6.20	7.00	6.80	
McCarley & Richardson, Russellville, Kentucky								
Mixed Feed	McCarley & Richardson, Russellville, Kentucky	14.50	14.00	4.00	3.30	7.50	6.60	Below guarantee in fat.
McGinnis Co., Huntington, West Virginia								
Reliable Stock Feed	Hopkins Supermarket, Pikeville, Kentucky	13.00	10.10	3.50	3.80	6.00	6.20	Very low in protein. Misbranded.
McMillen Feed Mills, Ft. Wayne, Indiana								
Master Mix 18% Dairy Feed	Wurt Chinn & Son, Wurtland, Kentucky	18.00	18.80	3.50	4.20	8.00	6.10	
Middlesboro Milling Co., Middlesboro, Kentucky								
Hi-Grade Feed	Southern Mining Company, Insull, Kentucky	18.00	19.50	4.50	5.20	8.50	7.10	
Hard to Beat Feed	Middlesboro Milling Co., Middlesboro, Kentucky	13.00	11.60	4.00	3.80	8.00	5.00	Below guarantee in pro- tein.
Midwest Industries, Inc., Louisville, Kentucky								
41% Protein Soybean Oil Meal	Earl Horton, Eubank, Kentucky	41.00	44.50	4.50	5.40	7.00	5.40	
41% Protein Soybean Oil Meal	Southern States Lebanon Co-op, Lebanon, Kentucky	41.00	42.90	4.50	4.90	7.00	5.60	

Moorman Manufacturing Company, Quincy, Illinois Moorman's Groat Minerals (for fattening cattle)	A. L. Hazel, Hodgenville, Ky.	-----	-----	-----	-----	-----	-----	-----	-----	As guaranteed.
Roscoe Morris, Somerset, Kentucky Roscoe 17% Hog Fattener Feed	Roscoe Morris, Somerset, Ky.	17.00	15.10	3.50	5.20	6.00	6.50	6.50	6.50	Very much below guarantee in protein.
Mountain City Mill Company, Chattanooga, Tennessee Prize Winner 14% Hog Fattener	Jellico Grocery, Corbin, Kentucky	14.00	16.50	3.50	4.00	7.00	5.40	5.40	5.40	
Blue Stock Mixed Feed	City Feed & Grain Co., Whitley City, Kentucky	11.50	13.50	2.00	3.30	12.00	5.30	5.30	5.30	
Munfordville Milling Co., Munfordville, Kentucky Mixed Feed	Munfordville Milling Co., Munfordville, Kentucky	14.25	14.40	4.50	4.50	7.50	7.50	7.50	7.50	
Murphy Grain & Milling Co., Owensboro, Kentucky Airlite Hominy Feed	Gibson Produce Co., Monticello, Kentucky	10.00	9.70	7.00	8.00	6.00	5.00	5.00	5.00	
Myers & Clark, Ashland, Kentucky Ideal 18% Laying Mash	Myers & Clark, Ashland, Kentucky	18.00	18.90	4.00	4.10	8.00	7.10	7.10	7.10	
FFM & C 24% Dairy Feed	Moore & Thompson Feed Co., Pikeville, Kentucky	24.00	21.60	4.50	4.20	12.00	13.90	13.90	13.90	Very low in protein. High in fiber. Misbranded.
M & C 24% Dairy Feed	Myers & Clark, Ashland, Kentucky	24.00	24.50	4.50	5.90	12.00	10.60	10.60	10.60	
National Oats Company, East St. Louis, Illinois Corno 17% All Mash Laying Ration	Yopp Seed Company, Paducah, Kentucky	17.00	17.20	4.00	4.60	7.00	6.40	6.40	6.40	
Corno 24% Dairy Feed	Yopp Seed Company, Paducah, Kentucky	24.00	27.90	3.50	4.50	12.00	10.70	10.70	10.70	
Corno 16% Dairy Feed	Dairyman's Feed & Supply Co., Mayfield, Kentucky	16.00	19.60	3.50	4.60	15.00	14.39	14.39	14.39	

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
National Oats Company, East St. Louis, Illinois—Cont.								
	Corno 16% Dairy Feed	16.00	19.50	3.50	4.30	15.00	13.60	
	Corno 15% Hog Fattener	15.00	16.20	3.50	4.10	7.00	6.00	
The New Era Milling Company, Arkansas City, Kansas								
	Polars Bear Wheat Gray Shorts and Screenings	16.00	14.50	4.00	3.90	5.50	6.90	Below guarantee in pro- tein, high in fiber.
North American Feed Company, Louisville, Kentucky								
	Camel Wheat Feed	13.50	15.00	3.50	4.30	9.00	7.60	
Northwest Distributing Company, Inc., Colby, Wisconsin								
	Northwest 24% Dairy Ration	24.00	25.90	3.50	4.10	12.00	7.10	
	Northwest 20% Dairy Ration	20.00	21.60	3.50	6.90	12.00	11.40	
	Northwest 16% Dairy Feed	16.00	16.10	3.50	3.70	12.00	12.00	
	Northwest 16% Dairy Feed	16.00	15.90	3.50	5.80	12.00	10.60	Adulterated with about 136,200 unground weed seeds per 100 pounds.
Charles Nunn & Sons Milling Co., Evansville, Indiana								
	Nunn Better 18% Eggs Mash	18.00	19.20	4.00	4.40	6.00	7.90	High in fiber.
Odon Milling Co., Odon, Indiana								
	Magic Broiler Mash	19.00	21.00	3.50	4.20	7.00	8.10	Not registered.
	Magic 24% Dairy Feed	24.00	21.10	4.50	4.60	9.00	14.40	Very low in protein. Very high in fiber. Mis- branded.

Magic 20% Dairy Feed	U. S. Public Health Hospital, Lexington, Kentucky	20.00	4.20	14.00	9.80
✓ Magic 35% Hog Supplement	John B. Penn, Georgetown, Kentucky	35.00	4.00	8.00	7.80 34.10 Not registered.
Owensboro Grain Co., Owensboro, Kentucky					
Greendale 41% Soybean Oil Meal	W. C. Turner, Greensburg, Kentucky	41.00	4.00	6.20	7.00 6.40
The Paoli Milling Company, Paoli, Indiana					
✓ Magic 18% Egg Mash	Mitchell Feed Co., Corbin, Kentucky	18.00	3.50	5.00	8.00 7.40 34.10 Below guarantee in protein.
✓ Magic 18% Dairy Feed	Woodford Feed Co., Versailles, Kentucky	18.00	3.50	3.80	15.00 11.80 34.10 Very low in protein. Misbranded.
✓ Magic 18% Dairy Feed	Davis Supermarket, Corbin, Kentucky	18.00	3.50	5.50	15.00 15.00 34.10 Adulterated with oat hull feed and alfalfa stem meal.
I. E. Payne & Company, Eubank, Kentucky					
✓ Farmers' Choice Mixed Feed	I. E. Payne & Co., Eubank, Kentucky	15.25	4.00	3.50	8.50 6.80 34.10 Below guarantee in protein.
Perfection Foods Company, Battle Creek, Michigan					
✓ Perfection 18% Dog Feed	Fox Brothers, Winchester, Kentucky	18.00	2.00	6.30	5.00 7.30 34.10 High in fiber.
Perkins Oil Company, Memphis, Tennessee					
✓ Golden Rod 41% Cottonseed Meal	Handy & Reynolds, Cave City, Kentucky	41.00	5.00	6.20	12.00 10.90 34.10 Below guarantee in protein.
Ph. H. Postel Milling Company, Mascoutah, Illinois					
Elegant 24% Dairy Ration	Lewis Wholesale Co., Whitesburg, Kentucky	24.00	4.50	4.10	10.00 10.50
✓ Elegant 18% Dairy Ration	H. T. Hackney Co., Harlan, Kentucky	18.00	5.60	4.20	9.50 10.30 34.10 Adulterated with about 90,800 unground weed seeds per 100 lbs.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar. Fnd.	Guar. Fnd.	Guar. Fnd.	Guar. Fnd.	Guar. Fnd.	Guar. Fnd.	
Pillsbury Mills, Inc., Clinton, Iowa								
☞ Pillsbury's Best 25% Dairy Feed	Boone Feed Store, Stanford, Kentucky	25.00	24.80	3.50	2.80	9.00	9.00	7.90 Below guarantee in fat.
☞ Pillsbury's Best 32% Hog Supplement	Boone Feed Store, Stanford, Kentucky	32.00	32.50	3.00	2.00	6.50	6.50	7.50 Below guarantee in fat. High in fiber.
Pratt Food Company, Hammond, Indiana								
☞ Pratts Utility Horse Feed	Ashland Feed & Seed Co., Ashland, Kentucky	9.00	9.10	2.50	4.20	11.00	11.00	12.30 High in fiber.
☞ Pratts 18% Dairy Feed	Ashland Feed & Seed Co., Ashland, Kentucky	18.00	18.90	4.00	4.20	10.00	10.00	10.20 Adulterated with about 45,400 unground weed seeds per 100 lbs.
Proviso Feeds & Concentrates Cincinnati, Ohio								
☞ 16% All Grain Dairy Feed	Lexington Grocery Co., Lexington, Kentucky	16.00	16.90	4.00	3.80	7.00	7.00	9.10 High in fiber.
Purcell Seed Co., Evansville, Indiana								
☞ Purcell's 16% All Mash Poultry Ration	S. E. Hales & Son, Greenville, Kentucky	16.00	15.50	4.00	4.10	5.00	5.00	6.30 High in fiber.
The Quaker Oats Company, Chicago, Illinois								
☞ Ful-O-Pep 20% Eggs Breeder Mash	Farmers Supply Company, Henderson, Kentucky	20.00	19.10	4.00	5.50	8.00	8.00	8.20 Below guarantee in pro- tein.
Ful-O-Pep 18% Laying Mash	Blue Diamond Coal Co., Blue Diamond, Kentucky	18.00	17.70	3.50	4.40	8.00	8.00	8.50
Ful-O-Pep 14% Fittings Feed	Boone Feed Store, Stanford, Kentucky	14.00	13.80	3.50	5.20	11.00	11.00	10.30
Ful-O-Pep 20% Calf Starter	Cooke Wholesale Feed Co., Louisville, Kentucky	20.00	21.50	4.50	5.50	8.00	8.00	5.40
☞ Quaker Green Cross Horse Feed	Boone Feed Store, Stanford, Kentucky	10.00	13.90	2.50	4.70	12.00	12.00	12.60 High in fiber.
Ful-O-Pep 17% Pig-N-Sow Feed	Corbin Hatchery, Corbin, Kentucky	17.00	18.00	3.50	5.10	7.00	7.00	6.00
Quaker Schumacher Sweet Feed	Wyndall's Super Market, Owensboro, Kentucky	10.00	11.00	3.00	3.80	12.00	12.00	9.10
☞ Vim Brand Oat Hull Feed	Central Grocery, Morehead, Kentucky	5.00	4.90	1.50	1.70	30.00	30.00	31.00 High in fiber.

Ragland Brothers, Leitchfield, Kentucky	Ragland Brothers, Leitchfield, Kentucky	18.00	21.70	3.50	3.90	6.50	5.40
Ralston Purina Company, St. Louis, Missouri	Checkerboard Feed Store, Louisville, Kentucky	18.00	21.00	3.50	4.40	6.00	5.70
Purina 18% Broiler Chow	Middlesboro Wholesale Grocery, Middlesboro, Ky.	15.50	16.00	4.00	4.20	7.00	7.80 ^{High in fiber.}
^{††} Purina 15½% All-Mash Layena Complete Ration	Haydon Mill & Grain Co., Springsfield, Kentucky	18.00	24.00	3.50	4.50	7.00	6.70
Purina 18% Turkey Growena	Helmers Feed & Supply Co., Owensboro, Kentucky	34.00	36.50	3.50	3.90	9.00	5.40
Purina 34% Cow Chow Supplement	J. L. Henry, Cumberland, Kentucky	18.00	20.30	3.50	4.00	10.00	10.00
Purina 18% Cow Chow	J. A. Bennett, Taylorsville, Kentucky	16.00	19.70	3.50	4.30	10.00	10.00
Purina 16% Milk Chow	Dyche Jones, London, Kentucky	16.00	16.60	3.50	4.00	10.00	9.40
Purina 16% Milk Chow	Big Four Feed & Implement Co., Scottsville, Ky.	16.00	16.60	3.50	6.90	15.00	15.50
Protena 16% Dairy Feed	Thomas Smith, Bulan, Kentucky	16.00	20.30	3.50	5.40	10.00	9.20
Purina 16% Goat Chow	Seay Bros., Holland, Kentucky	28.00	28.00	3.00	5.30	9.00	8.70
Purina 28% Sow & Pig Chow Supplement	International Harvester Co., Benham, Kentucky	14.00	16.20	3.50	4.70	7.00	7.10
Purina 14% Hog Fatena	Seilers Feed Store Marion, Kentucky	10.00	12.30	3.00	5.10	10.00	10.40
Purina Omolene	Dyche Jones, London, Kentucky	10.00	11.40	3.00	4.80	10.00	11.70 ^{High in fiber.}
^{††} Purina Omolene	Robbins Brothers, Auburn, Kentucky	10.80	11.40	9.00	9.00	8.30	6.90
Robbins Brothers, Auburn, Kentucky	Robbins Brothers, Auburn, Kentucky	10.80	11.40	9.00	9.00	8.30	6.90
Corn By-Product Feed	Robinson Milling Co., Somerset, Kentucky	15.00	12.60	4.25	3.70	8.00	6.80 ^{Very much below guar- antee in protein. Mis- branded.}
Robinson Milling Co., Somerset, Kentucky	Robinson Milling Co., Somerset, Kentucky	15.00	12.60	4.25	3.70	8.00	6.80 ^{Very much below guar- antee in protein. Mis- branded.}
^{††} Mixed Feed							

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar. Fnd.	Fnd.	Guar. Fnd.	Fnd.	Guar. Fnd.	Fnd.	
Rush County Mills, Bushville, Indiana								
RCM 24% Dairy Feed	Vine Street Feed Store, Lexington, Kentucky	24.00	25.00	3.50	3.40	15.00	8.50	
Sandusky Brothers, Harrodsburg, Kentucky								
Mixed Feed	Sandusky Brothers, Harrodsburg, Kentucky	15.45	14.50	4.25	4.10	8.45	6.50	Below guarantee in protein.
Saxony Mills, St. Louis, Missouri								
Winter Wheat Gray Shorts & Screenings	Sunshine Store, Paducah, Kentucky	16.00	15.40	4.00	4.30	6.00	5.60	Below guarantee in protein.
Schultz, Baujan & Co., Beardstown, Illinois								
Critic 20% Turkey Growing Mash	Paducah Hatchery, Paducah, Kentucky	20.00	22.70	3.50	4.50	7.00	8.80	High in fiber.
Critic 19% Broiler Ration	Paducah Hatchery, Paducah, Kentucky	19.00	19.80	4.00	4.50	6.00	7.30	High in fiber.
Critic 16% Dairy Feed	Champion Stores, Inc., Jenkins, Kentucky	16.00	17.70	3.50	4.60	15.00	12.80	
Critic 28% Pig & Hog Meal	Champion Stores, Inc., Jenkins, Kentucky	28.00	31.70	3.50	4.90	7.00	10.30	Very high in fiber. Misbranded.
Critic Horse & Mule Feed	Stagg Brothers, Vanceburg, Kentucky	9.00	11.90	2.50	4.10	15.00	14.20	
Critic Wheat Brown Middlings	Paducah Hatchery, Paducah, Kentucky	16.00	16.30	4.00	5.60	7.50	6.40	
Scientific Milling Company, East St. Louis, Illinois								
Scientific 18% Laying Mash	Louisville, Feed & Mineral Co., Louisville, Ky.	18.00	19.00	3.50	4.20	7.00	7.20	
Scientific 18% Laying Mash	Porter & Parman, London, Kentucky	18.00	18.60	3.50	4.60	7.00	8.40	High in fiber.
Scientific 20% Growing Mash	Hackney-Jellico, Middlesboro, Kentucky	20.00	20.90	3.50	4.70	7.00	9.30	Very high in fiber. Misbranded.

Security Mills, Inc., Knoxville, Tennessee Big S Horse Feed	Hackney-Jellico Co., Middlesboro, Kentucky	10.00	10.90	3.00	4.30	12.00	11.20
The Shellabarger Mill & Elevator Co., Salina, Kansas Wheat Bran and Screenings	Buckhorn Coal Co., Campbellsville, Kentucky	14.50	18.20	3.75	4.50	10.00	9.60
Woodford Spears & Sons, Paris, Kentucky Bourbon 18% Dairy Feed	Vicco Variety Store Vicco, Kentucky	18.00	20.80	4.00	4.30	13.00	5.60
J. Allen Smith & Company, Knoxville, Tennessee Peerless Feed	Joe Lovett, Williamsburg, Kentucky	14.50	14.20	3.50	3.90	8.50	7.60
Standard Milling Company, Elkton, Kentucky Bob White 20% Laying Mash	Standard Milling Co., Elkton, Kentucky	20.00	18.30	3.50	4.90	6.00	5.10 Below guarantee in protein.
Bob White 16% Dairy Feed	Standard Milling Co., Elkton, Kentucky	16.00	14.50	3.50	4.20	9.00	8.30 Below guarantee in protein.
Star Roller Mills, Cloverport, Kentucky Star 18% Pig & Hog Ration	Star Roller Mills, Cloverport, Kentucky	18.00	17.70	3.50	6.20	7.00	6.10
Sun Ray Feed Mills, Lexington, Kentucky Sun Ray 20% Dairy Ration	Morris Brothers, Hazel Green, Kentucky	20.00	21.90	3.50	3.80	8.00	9.20 High in fiber.
Sun Ray Sweet 16% Dairy Ration	Herman Singleton, Brodhead, Kentucky	16.00	18.40	3.50	3.70	12.00	12.10 Adulterated with about 90,800 unground weed seeds per 100 lbs.
Bell Ringer 16% Dairy Feed	D. C. Lykins, Clay City, Kentucky	16.00	18.90	3.50	2.80	14.00	14.00 Below guarantee in fat.
Sun Ray 17% Hog Ration	Walker Greer, Camargo, Kentucky	17.00	16.80	4.00	4.20	6.00	5.80
Sun Ray 17% Hog Ration	Mountain Grocery, West Liberty, Kentucky	17.00	15.10	4.00	4.70	6.00	5.00 Below guarantee in protein.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar. Fnd.	12.40	Guar. Fnd.	3.00	Guar. Fnd.	8.00	
Sun Ray Feed Mills, Lexington, Kentucky—Cont.								
☞☞ Booster 13% Mixed Feed	Cummins and Webb, Livingston, Kentucky	13.00	12.40	3.00	3.80	8.00	6.70	Below guarantee in protein.
Sun Ray Feed Mills, Bowling Green, Kentucky								
☞☞ Sun Ray 24% Dairy Feed	Cecilian Milling Co., Elizabethtown, Kentucky	24.00	21.80	4.00	4.20	8.00	7.20	Very low in protein. Misbranded.
Booster 16% Stock Feed	Hollansworth & Chappell, Tompkinsville, Kentucky	16.00	15.70	3.50	4.70	9.00	7.40	
Sun Ray Feed Mills, Clinton, Kentucky								
Sun Ray 24% Dairy Feed	Sun Ray Feed Mills, Clinton, Kentucky	24.00	24.00	4.00	4.50	8.00	7.50	
Sunshine Feed Store, Louisville, Kentucky								
Derby City 16% Hog Ration	W. S. Allen & Co., Liberty, Kentucky	16.00	16.70	3.50	4.30	7.00	6.50	
Supreme Feed Mill, Glasgow, Kentucky								
☞☞ Premo 20% Dairy Feed	Coomer Feed Store, Columbia, Kentucky	20.00	18.90	3.50	4.10	10.00	9.60	Below guarantee in protein.
☞☞ Premo 16% Dairy Feed	Owens Brothers, Russell Springs, Kentucky	16.00	18.30	3.50	2.90	15.00	15.50	Below guarantee in fat.
Sweet Feed Mills, Bowling Green, Kentucky								
Ace 24% Dairy Feed	Oldham Feed & Supply Co., Buckner, Kentucky	24.00	23.80	4.00	3.60	12.00	9.20	
Ace 24% Dairy Feed	Sweet Feed Mills, Bowling Green, Kentucky	24.00	24.70	4.00	3.70	12.00	9.40	
Ace 16% Dairy Feed	Richards Bros., Russell Springs, Kentucky	16.00	18.30	3.50	3.60	12.00	10.90	
Ace 16% Dairy Feed	Sweet Feed Mills, Bowling Green, Ky.	16.00	18.00	3.50	3.30	12.00	9.80	

Swift & Co., Soybean Mills, Cairo, Illinois	Swift's 43% Soybean Oil Meal	Yopp Seed Co., Paducah, Kentucky	43.00	42.80	3.50	6.50	7.00	5.60	
L. P. Tate, Monticello, Kentucky	Tate's Feed	Gibson Produce Co., Monticello, Kentucky	15.45	12.20	4.30	4.20	7.50	6.70	Very low in protein. Misbranded.
L. P. Tate, Monticello, Kentucky	Tate's Feed	L. P. Tate, Monticello, Kentucky	15.45	11.50	4.30	3.90	7.50	7.50	Very low in protein. Misbranded.
Thomson's Mill, Madisonville, Kentucky	Thomson's Ideal 16% Dairy Feed	Ernest Newton, Earlington, Kentucky	16.00	16.00	3.50	3.40	15.00	14.30	
Thomson's Ideal 16% Dairy Feed	Cash Feed Store, Madisonville, Ky.		16.00	17.90	3.50	3.10	15.00	11.20	
Tilford & Walters, Metropolis, Illinois	Masco 2 1/2% Dairy Feed	Wilson Feed & Produce, Smithland, Kentucky	24.00	21.40	4.00	3.20	10.00	6.10	Very low in protein. Misbranded.
Topeka Flour Mills Corp., Salina, Kansas	K-Y Wheat Bran & Screenings	Home Grocery, Jackson, Ky.	14.50	15.20	3.75	4.30	10.00	10.20	
Tonka Mills Co., Minneapolis, Minnesota	Ground Feed Oats	Walters & Thompson, Shelbyville, Kentucky	11.00	12.00	3.00	5.20	13.50	12.50	Adulterated with weed seed, flax plant, joints, chaff and inferior grains (barley, rye and wheat). Not registered.
The Ubiko Milling Co., Cincinnati, Ohio	Life Guard 18% Starter	Fields Grain & Feed Co., Cumberland, Kentucky	18.00	20.00	4.00	4.90	5.00	7.80	Very high in fiber. Misbranded.
Life Guard 20% Egg & Breeder Mash		W. L. Thomas Hatchery, Flemingsburg, Kentucky	20.00	19.30	3.50	3.90	8.00	7.90	Below guarantee in protein.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar. Fnd.	Fnd.	Guar. Fnd.	Fnd.	Guar. Fnd.	Fnd.	
The Ubiko Milling Co., Cincinnati, Ohio—Cont.								
Life Guard 20% Layer	Madison Co. Hatchery, Richmond, Kentucky	20.00	21.50	3.50	3.40	8.00	7.60	
Life Guard 16% All-Mash Laying Ration	Bell Supply Company, Middlesboro, Kentucky	16.00	16.60	4.00	4.60	6.00	8.30	Very high in fiber. Mis-branded.
Union Grains Life Guard 24% Dairy Ration	J. C. Everett & Co., Maysville, Kentucky	24.00	23.2	4.00	3.90	10.00	10.20	Below guarantee in protein.
Union Grains Life Guard 20% Dairy Ration	Boone Feed Store, Stanford, Kentucky	20.00	21.80	4.00	4.80	10.00	9.50	
Clover Bloom 16% Dairy Feed	Boone Feed Store, Stanford, Kentucky	16.00	17.80	3.50	5.00	12.00	12.50	
Honeycomb Life Guard 12% Fitting Ration	Lushy Hatchery & Feed Store, Owenton, Kentucky	12.00	12.40	2.50	4.20	15.00	12.80	
Life Guard 14% Hog Fattener	Bell Supply Co., Middlesboro, Kentucky	14.00	16.50	5.00	3.50	7.00	8.20	Below guarantee in fat. High in fiber.
Van Meter-Terrell Feed Co., Lexington, Kentucky								
Viola 20% Cow Feed	Van Meter-Terrell Feed Co., Lexington, Kentucky	20.00	19.60	4.00	5.40	12.00	9.30	
Warren County Mill, Bowling Green, Kentucky								
41% Cottonseed Meal	Paris Produce Co., Scottsville, Kentucky	41.00	41.70	5.00	6.60	12.00	9.00	
Economy 16% Dairy Feed	Warren County Mill, Bowling Green, Kentucky	16.00	14.40	4.00	4.00	12.00	13.30	Below guarantee in protein. High in fiber.
Meat Maker 18% Hog Ration	Warren County Mill, Bowling Green, Kentucky	18.00	18.30	5.00	4.90	6.50	6.30	
Wiedlocher & Sons, Springfield, Illinois								
Faultless 20% Laying Mash	Gibson Produce, Monticello, Kentucky	20.00	19.30	3.50	4.10	8.00	9.20	Below guarantee in protein, high in fiber.

✂ Faultless 20% Laying Mash	W. D. Cunningham, Webbs Cross Roads, Ky.	20.00	18.70	3.50	3.90	8.00	9.20	✂ Below guarantee in protein, high in fiber.
Faultless 24% Dairy Feed	Sturjis Feed & Produce Sturjis, Kentucky	24.00	26.30	4.50	3.90	12.00	9.40	
✂ Congress Special 16% Dairy Feed	The Dorsel Co., Newport, Kentucky	16.00	16.40	3.50	4.20	8.00	10.10	✂ Very high in fiber. Misbranded.
Winchester Milling Company, Winchester, Kentucky								
✂ Perfection Feed	Bill's Place Dwarf, Kentucky	11.00	10.00	5.00	6.00	8.50	9.90	✂ Below guarantee in protein, high in fiber.
Perfection Feed	Winchester Milling Co., Winchester, Kentucky	11.00	13.40	5.00	4.80	8.50	8.00	
Winn Milling Co., Greensburg, Kentucky								
✂ Corn By-Product Feed	Winn Milling Co., Greensburg, Kentucky	10.00	9.80	6.00	5.60	6.00	6.30	
Winn & Tobin Milling Co., Leitchfield, Kentucky								
✂ Soft Wheat Mixed Feed	Winn & Tobin Milling Co., Leitchfield, Kentucky	15.50	14.00	4.00	4.10	8.50	7.30	✂ Below guarantee in protein.
J. W. Zaring Grain & Mill Co., Richmond, Kentucky								
✂ Bonanza Feed	J. W. Zaring Grain & Mill Co., Richmond, Kentucky	15.50	14.20	4.75	4.10	8.50	7.30	✂ Below guarantee in protein.

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