

Quarterly Report

on

Official Feed Samples Analyzed

April, May, and June, 1946

by the

FEED AND FERTILIZER DEPARTMENT

KENTUCKY AGRICULTURAL EXPERIMENT STATION

In the three months covered by this report the feed situation was as critical as at any other time during or since World War II. The strain on feed supplies brought about by the program for feeding starving peoples throughout the world has depleted stocks in the United States materially. Along with this situation the demand for feedstuffs has reached unprecedented levels. As a result, feed manufacturers have had to resort to the use of materials not ordinarily used in feeds. Supplies of ingredients considered satisfactory for feeding purposes have been stretched to unheard-of limits by combining them with less valuable materials.

In spite of this supply-and-demand situation the feed manufacturing industry has manufactured and distributed the largest volume of feed on record in Kentucky, according to tag sales for this period of the year. This has been possible by more careful use of ingredients, use of new ingredients and those of poorer quality, and by gradually shifting to feeds of lower feeding value, particularly by some manufacturers.

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A situation of this magnitude brings the manufacturer and livestock feeder face to face with very real questions. The manufacturers must decide what changes must be made in their formulas as to amounts, 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, must constantly guard against paying for inferior feed at quality prices.

In this situation the feed control officials must be more watchful than ever for feeds that do not meet the guarantee on the tag, and must constantly remind manufacturers that the tag must represent the contents of the bag. Rulings must be reasonable enough not to hinder the manufacturer of feed yet strong enough to protect the feed user and discourage dishonest competition. Accordingly, substitutions of materials have been allowed temporarily without requiring change of the tags, providing that advance notice of such change is given by the manufacturer and that the quality of feed is maintained. This policy is reflected in this present bulletin in that no mention is made of substitutes found unless such substitutions lowered the feeding value. On the other hand an effort has been made to draw attention to samples that ran lower in quality by making them stand out in the report. This is accomplished by the use of *bold face type* and pointing hands. Samples so designated failed to equal guarantee by $\frac{1}{2}$ of 1 percent or more (deficiencies less than $\frac{1}{2}$ of 1 percent are not considered evidence of fraudulent intent), or 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 guarantee or are adulterated, then such a manufacturer must expect prosecution. So far this year 9 cases have been filed and fines assessed in all instances. Registrations may also be cancelled for feeds which fail repeatedly to come up to guarantee.

QUARTERLY REPORT ON FEED SAMPLES

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
The Abilene Flour Mills Co., Abilene, Kansas	Olive Hill Grocery, Olive Hill, Ky.	13.5	15.8	3.5	4.3	11.0	9.4	
Abilene Wheat Feed and Screenings	Phelps Grocery Co., Henderson, Ky.	14.5	16.7	3.75	4.8	10.0	9.3	
Wheat Bran and Screenings								
Acme Evans Co., Ind. Indianapolis, Ind.	C. V. Carden, Hartford, Ky.	16.0	17.7	3.5	5.8	15.0	10.4	
Acme 16% Protein Dairy Feed								
Producer 17% Starting and Growing Mash	Middlesboro Grocery Co., Middlesboro, Ky.	17.0	18.4	3.5	4.8	7.0	8.2	BA
Producer 17% Starting and Growing Mash	Burkesville Grocery Co., Burkesville, Ky.	17.0	14.8	3.5	4.6	7.0	7.1	BA
Acme 18% Egg Mash	Middlesboro Grocery Co., Middlesboro, Ky.	18.0	19.7	4.0	4.2	8.0	8.3	
Alfocorn Milling Company, E. St. Louis, Ill.	G. H. Bowles & Son, Glasgow, Ky.	15.0	22.1	3.5	3.7	7.0	8.6	BA
Dollar Mark 15% Hog Fattener								
Allied Mills, Chicago, Illinois	Clinton Hatchery, Clinton, Kentucky	20.0	17.5	3.5	4.2	6.0	7.6	BA
Wayne 20% Chick Starter	H. C. Harman, Perryville, Ky.	20.0	18.4	3.5	4.3	6.0	6.9	BA Adulterated with rice hulls and wheat screenings.
Wayne 20% Chick Starter								
Wayne 18% Chick Strater	Claude Robinson, Princeton, Ky.	18.0	18.7	3.5	4.3	6.0	6.5	
Wayne 18% Chick Starter	Colonial Coal and Supply, Erlanger, Ky.	18.0	17.8	3.5	4.5	6.0	6.3	
Wayne 18% Chick Starter	Morgan's Farm Market Morganfield, Ky.	18.0	17.5	3.5	5.8	6.0	7.3	BA
Wayne 17% Growing Mash	E. C. Miller, Buechel, Ky.	17.0	17.5	3.5	4.0	7.0	9.4	BA

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Ballard and Ballard Co., Louisville, Ky.—Cont. Insurance 18% Growing Mash	Harned & Welsh, Boston, Ky	18.0	17.6	3.5	4.1	7.0	7.0	
Ballard 18% Laying Mash	Hoyle Grocery Store, Hodgensville, Ky.	18.0	18.8	3.5	4.6	7.0	6.7	
Baughman Milling Co., Stanford, Ky. Banner Stock Feed	W. N. Taylor, Pineville, Ky.	13.5	14.9	3.5	4.6	7.0	7.8	BA
Beaver Dam Milling Co., Beaver Dam, Ky. Beaver 16% Dairy Feed	Wyndall's Feed Store, Owensboro, Ky.	16.0	15.6	3.5	4.6	12.5	12.5	
Eureka 20% Starting Mash	Beaver Dam Milling Co., Beaver Dam, Ky.	20.0	19.0	4.0	5.1	6.0	6.5	BA
Eureka 20% Laying Mash	C. B. Carden's Feed Store, Hartford, Ky.	20.0	20.9	4.0	5.3	7.0	6.4	
Eureka 16% Pig and Hog Ration	Greenville Produce Co., Greenville, Ky.	16.0	16.9	4.0	4.0	7.0	4.0	
The Big Four Mills, Ltd., Covington, Ky. OK 18% Dairy Feed	London Grocery Co., London, Ky.	18.0	19.9	3.5	5.1	15.0	13.5	
Big Four 16% Dairy Feed	Central Grocery Co., Morehead, Ky.	16.0	17.8	3.5	4.4	15.0	12.3	
Big Four 16% Dairy Feed	Paintsville Grocery Co., Paintsville, Ky.	16.0	19.1	3.5	4.3	15.0	13.4	BA Adulterated with about 90,800 unground weed seeds per 100 lbs.
Big Four 19% Starter and Grower Mash	Paintsville Grocery Co., Paintsville, Ky.	19.0	18.5	3.5	4.7	7.0	7.4	
Binns Milling Co., Herndon, Ky. Eclipse Horse and Mule Feed	Adams Coal and Feed Co., Hopkinsville, Ky.	10.0	10.6	3.0	3.2	10.0	6.8	
Eclipse Mixed Feed	Adams Coal and Feed Co., Hopkinsville, Ky.	15.0	13.5	4.5	4.3	8.0	6.5	BA

Browder Milling Co., Fulton, Ky.	Browder Milling Co., Fulton, Ky.	16.0	18.2	3.5	4.6	12.5	8.6
Browder's Big 16% Dairy Feed	Browder Milling Co., Fulton, Ky.	16.0	16.5	4.0	4.6	12.0	8.5
16% Sweet Dairy Feed	Browder Milling Co., Fulton, Ky.	17.5	18.1	4.0	5.7	6.5	5.7
Economy 17½% Hog Feed	Browder Milling Co., Fulton, Ky.	18.0	19.7	3.75	6.4	7.5	4.3
Biddie's Choice 18% Laying Mash	Browder Milling Co., Fulton, Ky.	16.0	18.9	4.0	5.4	5.0	5.4
16% All Mash Starter	Browder Milling Co., Fulton, Ky.	16.0	16.4	4.0	6.2	5.0	5.5
16% All Mash Grower	Browder Milling Co., Fulton, Ky.						
Bryant's Mill, Caneyville, Ky.	Bryant's Mill, Caneyville, Ky.	17.0	17.1	4.0	4.6	7.0	7.2
Kentucky Farm 17% Starter and Grower	Bryant's Mill, Caneyville, Ky.	20.0	19.7	4.0	5.4	7.0	6.2
Bryant's 20% Laying Mash	Walters & Thompson, Shelbyville, Ky.	41.0	43.8	3.5	4.6	7.0	7.0
The Buckeye Cotton Oil Co., Cincinnati, Ohio	Buffalo Roller Mills, Buffalo, Ky.	15.65	14.6	4.0	4.1	8.5	9.2
Buckeye 41% Soybean Oil Meal	Buffalo Roller Mills, Buffalo, Ky.						
Buffalo Roller Mills, Buffalo, Ky.	Hawkins Bros., Elizabethtown, Ky.	16.0	15.8	3.5	4.8	15.0	13.5
Sea Foam Wheat Mixed Feed and Screenings	J. C. Cook, Tompkinsville, Ky.	32.0	33.6	4.0	5.4	8.25	7.7
Buhner & Co., Louisville, Ky.	Hardyville Roller Mills, Hardyville, Ky.	20.0	19.2	3.5	5.0	7.0	7.5
Buhner's Special 16% Dairy Feed	J. C. Cook, Tompkinsville, Ky.	17.0	18.0	3.5	4.6	7.0	7.7
Buhner's Happy Farmer 32% Dairy Supplement	Springfield Feed & Grain, Springfield, Kentucky	17.0	18.3	3.5	4.7	7.0	8.4
Magnolia 20% Laying Mash							
Buhner's Happy Farmer 17% Growing Mash							
Buhner's Happy Farmer 17% Growing Mash							

Clell Coleman & Sons, Burgin, Ky. Big Blue Stock Feed	International Harvester Co., Benham, Ky.	16.5	15.1	4.0	4.6	8.0	6.6
Clinton Hatchery, Clinton, Ky. New Deal 17% Cow Feed	Clinton Hatchery, Clinton, Ky.	17.0	18.6	3.75	4.0	10.0	8.0
New Deal 42% Hog Supplement	Clinton Hatchery, Clinton, Ky.	42.0	44.5	4.0	6.9	6.0	5.7
New Deal 18% Starter and Grower	Clinton Hatchery, Clinton, Ky.	18.0	17.9	4.0	5.0	6.0	6.5
New Deal 19% Egg Mash	Clinton Hatchery, Clinton, Ky.	19.0	19.3	3.75	4.7	8.0	7.8
Colonial Milling Company, Nashville, Tenn. Colonial's Wheat Gray Shorts and Screenings	Middlesboro Milling Co., Middlesboro, Ky.	16.0	15.3	4.0	4.0	6.0	5.6
Community Milling Co., Irvington, Ky. Soft Wheat Mixed Feed	Community Milling Co., Irvington, Ky.	15.5	13.7	4.0	4.0	8.5	8.0
Cooperative Mills, Cincinnati, Ohio Horse and Mule Feed	Palson & Vincent, Edmonton, Ky.	9.0	12.1	2.5	4.3	9.0	7.2
18% Starting and Growing Mash	Calloway Co. Soil Improve- ment Assn., Murray, Ky.	18.0	18.7	3.5	4.8	6.5	6.9
Super 20% Breeding Mash	Southern States Bowling Green Coop., Bowling Green, Ky.	20.0	21.7	3.5	4.2	8.0	8.2
32% Poultry Supplement	Calloway Co. Soil Improve- ment Assn., Murray, Ky.	32.0	33.5	4.0	2.2	8.0	7.5
Milk Maker 18% Dairy	Farmers Supply Co., Paintsville, Ky.	18.0	20.4	3.5	4.6	10.0	8.3
Milk Maker 18% Dairy	So. States Glasgow Co-op., Glasgow, Ky.	18.0	19.6	3.5	5.9	10.0	8.2
Milk Maker 28% Dairy Supplement	W. C. Turner, Greensburg, Ky.	28.0	29.0	3.5	5.5	10.0	10.5
Milk Maker 28% Dairy Supplement	Payton's Hatchery, Horse Cave, Ky.	28.0	30.2	3.5	5.3	10.0	9.0
16% Pig and Hog	So. States Bowling Green Co-op., Bowling Green, Ky.	16.0	15.6	3.5	3.5	6.5	5.1

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
George Couch & Sons, New Harmony, Ind. Harmony 40% Hog Supplement	Tri-County Mills, Sebree, Ky.	40.0	42.0	3.5	4.9	9.0	7.1	
Harmony 16% Dairy Feed	H. T. Hackney Grocery Co., Harlan, Ky.	16.0	18.1	4.0	4.6	12.0	6.5	Corn cob substituted for screenings refuse.
Harmony 16% Dairy Feed	Nebo Exchange Mill, Nebo, Ky.	16.0	17.8	4.0	4.5	12.0	6.4	Corn and cob meal sub- stituted for corn meal.
The Crete Mills, Crete, Nebraska Victor Growing Mash	Yopp Seed Co., Paducah, Ky.	17.0	16.5	5.0	4.9	5.0	8.4	
Decatur Milling Co., Decatur, Ill. Homco Hominy Feed	Shelby Feed & Seed Co., Shelbyville, Ky.	10.0	10.3	7.0	7.5	6.0	5.2	
The Dewey Brothers Co., Blanchester, Ohio Dewco 18% Dairy Feed	Hopkins Super Market, Pikeville, Ky.	18.0	18.8	3.5	7.1	13.0	13.8	Adulterated with 90,800 unground weed seeds per 100 lbs.
Dewey's 20% Protein Dairy Feed	Hopkins Super Market, Pikeville, Ky.	20.0	19.8	3.5	5.9	11.0	9.1	
Dewco 17% Starter and Grower	Fannin Wholesale Co., W. Prestonburg, Ky.	17.0	18.3	3.5	4.8	7.0	7.8	
W. C. Dicken, Mentor, Ky. Sunny Grain 17% Chick Starter	W. C. Dicken, Mentor, Ky.	17.0	19.7	4.0	4.8	6.0	8.0	
Sunny Grain 18% Chick Grower	W. C. Dicken, Mentor, Ky.	18.0	19.5	4.0	5.2	7.0	8.2	

Dixie Mills Co., E. St. Louis, Ill. Dixie 17½% Starter and Grower Mash	Princeton Mills, Princeton, Ky.	17.5	21.0	3.5	3.9	7.0	5.9
Dixie 17% All Purpose Poultry Mash	Dixie Feed Store, Middlesboro, Ky.	17.0	18.6	4.0	4.8	6.0	5.3
Dixie 17% Growing Mash	Ford Richardson, Mayfield, Ky.	17.0	19.5	3.5	5.1	6.5	8.8
Dixie 20% Laying Mash	Ford Richardson, Mayfield, Ky.	20.0	21.7	3.5	4.9	6.5	8.5
Dixie Powergrain Horse and Mule Feed	Summers Produce Co., Bardwell, Ky.	10.0	9.7	3.0	5.0	10.0	8.8
Dixie Horse and Mule Feed	Bradley Brothers, Paducah, Ky.	9.0	10.0	2.5	3.2	12.0	12.5
Dixie 16% Dairy Feed	Chappell Grocery Co., Pineville, Ky.	16.0	19.0	3.5	4.0	14.0	9.0
Dixie 16% Dairy Feed	E. W. James, Hickman, Ky.	16.0	20.4	3.5	4.6	14.0	13.7
Dixie 15% Hog Fattener	Ford Richardson, Mayfield, Ky.	15.0	16.5	3.5	3.3	5.5	4.7
Dixie 20% Pig and Sow Feed	Bradley Brothers, Paducah, Ky.	20.0	21.8	4.0	3.1	10.0	7.8
Dixie 20% Pig and Sow Feed	Ford Richardson, Mayfield, Ky.	20.0	21.5	4.0	3.3	10.0	5.7
Doughboy Mills, New Richmond, Wis. D.K. 16% Dairy Ration	Farmers Feed Store, Lexington, Ky.	16.0	16.7	3.5	4.5	12.0	13.3
D.K. 16% Dairy Ration	Farmers Supply Co., Glasgow, Ky.	16.0	16.8	3.5	5.0	12.0	14.3
Dyersburg Oil Mill Co., Dyersburg, Tenn. 41% Cottonseed Meal	Purdy Brothers, Dawson Springs, Ky.	41.0	39.0	6.0	6.8	10.0	9.8

Alfalfa stem meal substituted for alfalfa meal.

Adulterated with about 136,200 unground weed seeds per 100 lbs., oat hull feed and screenings refuse. Misbranded.

Adulterated with about 90,800 unground weed seeds per 100 lbs., oat hull feed and screenings refuse. Misbranded.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
The Early & Daniel Co., Cincinnati, Ohio Tuxedo 26% Poultry Mash Supplement	G. H. Bowles & Sons, Glasgow, Ky.	26.0	30.2	3.5	2.5	7.0	5.3	
Tuxedo 17% Starter, Grower and Developer Mash	George P. Taylor, Burnside, Ky.	17.0	17.0	3.5	3.8	6.5	6.4	
Tuxedo Special 18% Egg Mash	Hodgensville Roller Mills, Hodgensville, Ky.	18.0	19.4	3.5	3.9	8.0	8.4	
Tuxedo 20% Dairy Feed	Dyers Store, Boston, Ky.	20.0	20.0	3.5	3.1	10.0	9.8	Alfalfa stem meal substituted for alfalfa meal.
Tuxedo Bulky Feed	Metcalf Fruit & Transfer Co., Baxter, Ky.	12.0	12.7	2.5	4.2	13.0	15.7	
John W. Eshelman & Sons, Lancaster, Pa. Red Rose 16% All Mash Starter and Grower	Central Wholesale Grocery Co., Prestonsburg, Ky. Belfry Grocery Co., Belfry, Ky.	16.0	18.1	4.0	4.4	6.0	7.8	
Eshel Pennsy 16% Dairy Feed		16.0	16.2	3.5	4.6	11.0	14.9	Adulterated with about 90,800 unground weed seeds per 100 lbs.
Exchange Milling Co., Sturgis, Ky. Smith's Special 16% Dairy Feed	Exchange Milling Co., Sturgis, Ky.	16.0	14.3	3.5	5.1	13.0	8.7	
Smith's Special 17% Starter Mash	Exchange Milling Co., Sturgis, Ky.	17.0	12.5	3.5	5.0	5.0	5.5	
Famous Feed Mills, Nashville, Tenn. Famous 16% Dairy Feed	Big Four Feed and Imple- ment Co., Scottsville, Ky.	16.0	17.5	3.5	5.1	15.0	17.1	Adulterated with alfalfa stem meal and citrus pulp.
Famous 18½% Baby Chick Starting Mash	C. A. Childers, Morgantown, Ky.	18.5	22.2	3.5	4.5	6.0	5.3	

Sample Description	24.0	20.9	4.5	6.4	11.0	11.5	Adulterated with alfalfa stem meal.
Farmers Feed Store, Lexington, Ky.							
Farmers Best 24% Dairy Feed	24.0	20.9	4.5	6.4	11.0	11.5	Adulterated with alfalfa stem meal.
Farmers Best 24% Dairy Feed	24.0	18.2	4.5	5.2	11.0	12.0	Adulterated with alfalfa stem meal.
Farmers Feed and Supply Co., Arlington, Ky.	16.0	19.9	3.5	3.4	10.5	6.6	
Farmers 16% Dairy Feed	20.0	20.0	4.0	5.1	7.0	7.6	Adulterated with alfalfa stem meal.
Farmers 20% Laying Mash	18.0	18.6	3.5	5.3	6.0	6.4	
Farmers 18% Chick Starter	10.0	9.3	3.5	3.6	9.0	4.0	Adulterated with alfalfa stem meal.
Farmers Horse and Mule Feed	40.0	42.2	5.0	7.0	7.0	6.9	
Farmers 40% Hog Supplement							
Farmers Milling Co., Somerset, Ky.	12.25	8.9	3.25	4.2	8.0	7.9	Adulterated with alfalfa stem meal.
Farmers XX Stock Feed							
Fernclyff Feed and Grain Co., Louisville, Ky.							
Cracker Jack 24% Sweet Dairy Ration	24.0	23.8	4.0	4.3	8.0	6.7	
Fountain Run Milling Company, Fountain Run, Ky.	15.5	13.8	4.0	3.8	8.5	5.8	Adulterated with alfalfa stem meal.
Wheat Mixed Feed and Screenings							
Henry Fruechtenicht, Louisville, Ky.	24.0	24.3	4.0	5.3	12.0	9.7	
Blue Grass 24% Dairy Feed							
General Mills, Minneapolis, Minn.	19.0	21.0	3.5	5.3	6.0	8.3	Adulterated with alfalfa stem meal.
Larro 19% Chick Builder	24.0	24.7	3.5	5.0	7.0	7.3	
Larro 24% Turkey Builder							

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
General Mills, Southeastern Div., Hopkinsville, Ky. Wheat Bran	Trigg County Trading Co., Cadiz, Ky.	14.5	14.8	3.75	4.8	10.0	8.6	
Edward F. Goeke Sons, Evansville, Ind. Goeke's Ultra Lified 16% All Mash Poultry Ration	Greenville Produce Co., Greenville, Ky. Star Market, Greenville, Ky.	16.0	15.6	4.0	5.0	5.0	6.2	Adulterated with about 90,800 unground weed seeds per 100 lbs., and cottonseed hulls.
Milko 16% Dairy Feed	Greenville Produce Co., Greenville, Ky.	16.0	16.4	3.5	4.0	15.0	20.0	
Big Gee 20% Hog Feed	Greenville Produce Co., Greenville, Ky.	20.0	17.9	3.5	6.3	7.0	7.1	
The Goldcamp Mill Co., Ironton, Ohio Eggo 18% Laying Mash	Big Creek Grocery Co., Canada, Ky. C. H. Stephens, Russell, Ky.	18.0	18.7	3.5	3.9	8.0	7.5	
Mil-Co 20% Dairy Feed	Seilers Feed Store, Marion, Ky.	20.0	21.9	3.5	6.2	12.0	12.5	Adulterated with about 90,800 unground weed seeds per 100 lbs.
Green River Milling Co., South Carrollton, Ky. Green River 19% Pig and Hog	Green River Milling Co., South Carrollton, Ky. Green River Milling Co., South Carrollton, Ky. Green River Milling Co., South Carrollton, Ky.	19.0	20.7	3.5	4.0	7.0	5.5	
Green River 16% Dairy Fed	Green River Milling Co., South Carrollton, Ky.	16.0	19.7	3.5	4.6	13.5	9.1	
Green River 24% Dairy Feed	Green River Milling Co., South Carrollton, Ky.	24.0	22.5	4.0	3.6	13.0	9.1	
Green River 17% Starting Mash	Green River Milling Co., South Carrollton, Ky.	17.0	16.1	3.5	4.5	7.0	6.6	
Green River 15½% All-Mash Grower	Green River Milling Co., South Carrollton, Ky.	15.50	13.6	4.0	5.0	6.0	8.8	

Gwinn Bros. & Co., Huntington, W. Va. Merit 16% Dairy Feed	Gwinn Bros. & Co., Paintsville, Ky.	16.0	20.3	3.5	4.5	15.0	15.6	Adulterated with about 476,700 unground weed seeds per 100 lbs., peanut hulls and ground timothy hay.
Pioneer 20% Dairy Feed	Robert's Model Grocery, Olive Hill, Ky.	20.0	18.7	3.5	4.6	15.0	12.3	Adulterated with ground timothy hay and citrus pulp.
Merit 20% Dairy Feed	Merchants Grocery Co., W. Liberty, Ky.	20.0	23.2	3.5	3.5	15.0	14.1	Adulterated with about 181,600 unground weed seeds per 100 lbs.
Gwinn's Make Milk 20% Dairy Feed	Merchants Grocery Co., W. Liberty, Ky.	20.0	22.8	4.0	4.7	12.0	9.6	Adulterated with citrus pulp, alfalfa stem meal and wheat screenings.
Pioneer 18% Laying Mash	Gwinn Bros. & Co., Paintsville, Ky.	18.0	17.7	3.5	4.4	8.0	8.1	Adulterated with about 136,200 unground weed seeds per 100 lbs.
Merit 18% Laying Mash	Burl Spurlock, W. Prestonsburg, Ky.	18.0	17.5	3.5	3.8	8.0	8.4	
17% Starter and Grower Mash	Gwinn Bros. & Co., Paintsville, Ky.	17.0	18.0	4.0	3.6	6.0	8.2	
Gwinn's 80% Grain Horse Feed	Burl Spurlock, W. Prestonsburg, Ky.	9.0	8.6	2.5	3.7	12.0	9.9	
Hales & Hunter Co., Chicago, Ill. Gold Flake 16½% Dairy Feed	M. T. Riley Feed & Seed Co., Paducah, Ky.	16.5	16.2	3.5	3.3	15.0	12.3	
Pioneer 18% Dairy Feed	M. T. Riley Feed & Seed Co., Paducah, Ky.	18.0	21.7	3.5	5.1	9.0	7.7	
Pioneer 18% Dairy Feed	Moore's Feed Store, Shively, Ky.	18.0	21.2	3.5	5.3	9.0	7.6	
Red Comb 18% Chick Starter	M. T. Riley Feed & Seed Co., Paducah, Ky.	18.0	20.8	3.5	4.8	6.0	7.5	
Red Comb 20% Eggs Mash	M. T. Riley Feed & Seed Co., Paducah, Ky.	20.0	21.6	3.5	4.9	7.0	6.9	
Red Comb 18% Broiler Mash	M. T. Riley Feed & Seed Co., Paducah, Ky.	18.0	20.4	3.5	4.1	7.0	7.9	

Henderson Elevator Co., Henderson, Ky. Bullitt's Jersey Cream 16% Dairy Feed	Morgan Farm Market, Morganfield, Ky.	16.0	16.5	3.5	3.1	15.0	15.1	Alfalfa stem meal sub- stituted for alfalfa meal.
Bullitt's Jersey Cream 16% Dairy Feed	Burnside Milling Co., Burnside, Ky.	16.0	16.8	3.5	3.0	15.0	15.0	
Bullitt's 17% All Purpose Poultry Mash	Sturgis Feed & Produce Co., Sturgis, Ky.	17.0	16.7	4.25	3.6	6.0	5.9	
Bullitt's Best Horse and Mule Feed	Romans & Tarence, Morganfield, Ky.	10.0	8.9	3.0	3.5	12.0	16.2	
Home Milling Co., Greenville, Ky. Happy Home 16% Dairy Feed	Hoagland Hardware, Sacramento, Ky.	16.0	17.3	3.5	3.4	15.0	13.0	
Happy Home 24% Dairy Feed	Farmers Feed Store, Central City, Ky.	24.0	23.1	4.0	4.6	8.0	9.3	
Happy Home 24% Dairy Feed	S. E. Hale & Son, Greenville, Ky.	24.0	22.6	4.0	4.8	8.0	10.6	
Happy Home 32% Dairy Feed Supplement	Farmers Supply Co., White Plains, Ky.	32.0	32.9	4.5	6.7	11.0	10.4	Adulterated with lespe- deza stem meal.
Happy Home 20% Laying Mash	Farmers Feed Market, Bowling Green, Ky.	20.0	19.1	4.0	4.8	7.0	9.1	
Champion 18% Starting Mash	Central City Hatchery, Central City, Ky.	18.0	18.7	3.5	4.7	6.0	6.8	
Champion Ultra-Lifed 15% Growing All Mash	C. A. Childers, Morganfield, Ky.	15.0	15.6	4.0	5.5	6.0	8.1	
Farm-Wa Horse and Mule Feed	C. E. Martin Co., Greenville, Ky.	12.0	11.0	3.5	4.1	11.0	8.9	
Happy Home 16% Hog Ration	C. A. Childers, Morganfield, Ky.	16.0	15.7	3.5	4.4	6.0	6.0	Adulterated with about 45,400 unground weed seeds per 100 lbs.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Hopkinsville Milling Co., Hopkinsville, Ky. Sunflower 28% Dairy Feed	Watson's Coal & Feed Co., Princeton, Ky.	26.0	27.4	4.0	4.9	10.0	10.2	
Sunflower 26% Dairy Feed	Watson's Coal & Feed Co., Princeton, Ky.	26.0	27.8	4.0	4.8	10.0	10.3	
Sunflower 28% Dairy Feed	Watson's Coal & Feed Co., Princeton, Ky.	26.0	28.5	4.0	4.9	10.0	10.3	
Life Cycle 16% Poultry Feed	Watson's Coal & Feed Co., Princeton, Ky.	16.0	16.0	3.5	5.3	6.75	6.9	
Life Cycle 16% Poultry Feed	Hopkinsville Milling Co., Hopkinsville, Ky.	16.0	14.7	3.5	4.5	6.75	6.5	BA
Sunflower 40% Hog Supplement	Hopkinsville Milling Co., Hopkinsville, Ky.	40.0	40.2	4.5	6.4	8.0	7.7	
Horse Cave Mills, Horse Cave, Ky. Superior Mixed Feed	People's Feed & Mill Co., Cave City, Ky.	15.5	12.2	4.0	4.3	8.5	5.3	BA
Humphreys-Godwin Co., Memphis, Tenn. Dixie 41% Cottonseed Meal	Coomer Feed Store, Columbia, Ky.	41.0	39.8	5.0	6.1	12.0	11.2	BA
Igleheart Bros., Clarksville, Tenn. Purple Top 16% Dairy Feed	Farmers Feed Store, Central City, Ky.	16.0	16.9	3.5	5.2	15.0	13.7	
Challenger 18% Chick Starter	McCarley & Richardson, Russellville, Ky.	18.0	21.6	4.0	3.9	6.0	5.3	
Winter Wheat Gray Shorts and Screenings	J. M. Clark & Sons, Cathoun, Ky.	16.0	15.8	4.0	4.4	6.0	5.8	
Independent Oil Mills, Jackson, Tenn. Independent 86% Cottonseed Feed	Pat Thompson, Benton, Ky.	36.0	33.6	4.5	5.9	16.0	14.7	BA
Independent 41% Cottonseed Meal	Economy Feed Store, Murray, Ky.	41.0	37.7	5.0	8.3	12.0	14.3	BA

Jackson Cotton Oil Mill, Jackson, Tenn. Bell Cow 41% Cottonseed Meal	M. G. Williams, Hopkinsville, Ky.	41.0	38.6	5.0	5.8	12.0	12.5	BA
Jasper Milling Co., Science Hill, Ky. Jasper's Farm Feed	Jasper Milling Co., Science Hill, Ky.	16.5	17.0	4.0	4.1	7.0	6.8	
Kasco Mills, Toledo, Ohio Kasco Sweet 16% Dairy Feed	R. C. Taylor, Monticello, Ky.	16.0	18.4	3.5	5.8	12.0	13.2	BA Adulterated with about 181,600 unground weed seeds per 100 lbs.
Kasco 15% All Mash Laying and Breeding Ration	W. H. Brock & Co., Maysville, Ky.	15.0	15.2	4.0	3.9	6.5	6.4	
Kasco 20% Pig-Hog Feed	Porter & Parman, London, Ky.	20.0	20.0	4.0	4.0	7.0	7.0	
Keco Milling Co., McKenzie, Tenn. Keco 18% Laying Mash	U-Tote-Em Grocery Co., Fulton, Ky.	18.0	18.2	3.5	5.3	7.0	6.2	
Keco 17% Growing Mash	U-Tote-Em Grocery Co., Fulton, Ky.	17.0	19.2	4.0	4.8	6.0	7.3	BA
Keco 18% Pig and Hog Feed	U-Tote-Em Grocery Co., Fulton, Ky.	18.0	20.6	3.5	5.8	7.0	6.9	
Kellogg Company, Omaha, Neb. Hominy Feed	Yopp Seed Co., Paducah, Ky.	10.0	10.9	7.0	6.5	6.0	4.9	
Ky. Chemical Industries, Cincinnati, Ohio Provico 25% Turkey Starter	Winn & Tobin Milling Co., Leitchfield, Ky.	25.0	24.3	4.0	5.4	7.0	7.0	BA
Provico 18% Sweet Dairy Feed	Union Grocery Co., Morehead, Ky.	18.0	20.4	3.5	4.9	10.0	10.0	
Kroger Grocery & Baking Co., Cincinnati, Ohio Kroger's Wesco 16% Dairy Feed	Kroger Grocery & Baking Co., Irvine, Ky.	16.0	17.0	3.5	4.2	12.0	8.5	

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Lake County Oil Mills, Tiptonville, Tenn. 41% Cottonseed Meal	Water Valley Milling Co., Water Valley, Ky.	41.0	31.0	5.5	6.2	10.0	15.3	Very much below guarantee in protein and high in fiber. Misbranded
Lewisport Mill Co., Lewisport, Ky. Farmers Choice Feed	Lewisport Mill Co., Lewisport, Ky.	14.0	13.8	4.25	4.6	9.0	5.8	
Le-Mi-Co 20% Laying Mash	Newton's Grocery, Hawesville, Ky.	20.0	19.5	3.5	4.9	6.5	5.0	
Le-Mi-Co 16% Hog Feed	Wyndall's Feed & Hdw. Store, Owensboro, Ky.	16.0	17.6	4.0	4.0	6.0	6.6	
G. W. Lofton and Son, Providence, Ky. Lofton's 16% Special Dairy Feed	Black and White Market, Dawson Springs, Ky.	16.0	19.9	3.5	5.4	13.0	10.1	
Lofton's 16% Special Dairy Feed	G. W. Lofton and Sons, Providence, Ky.	16.0	19.8	3.5	5.5	13.0	9.9	
Lofton's Mixed Feed	Purdy Bros., Dawson Springs, Ky.	12.0	13.2	4.0	4.2	9.5	9.7	Adulterated with corn cob meal and oat screenings. Misbranded.
Lofton's Scratch Feed	Ernest Newton, Earlington, Ky.	10.0	8.9	3.0	3.0	3.0	1.9	
Master Feed and Seed Co., Madison, Wis. Gilt Edge 16% Dairy Feed	U-Tote-Em Grocery, Fulton, Ky.	16.0	16.9	3.5	4.3	15.0	16.4	Adulterated with about 136,200 unground weed seeds per 100 lbs., and peanut hulls.
Mayfield Milling Company, Mayfield, Ky. Big Chief 16% All-Mash Grower	Mayfield Milling Co., Mayfield, Ky.	16.0	17.6	4.0	4.8	6.0	5.3	
White Chester 19% Hog Grower and Fattener	Mayfield Milling Co., Mayfield, Ky.	19.0	20.7	4.8	5.4	7.0	6.8	
Corn By-product Feed	Economy Feed Store, Murray, Ky.	10.5	9.7	8.0	6.9	4.5	3.7	

Mayfield Sweet Feed Mills, Mayfield, Ky.	Mayfield Sweet Feed Mills, Mayfield, Ky.	16.0	16.8	3.5	4.4	10.0	8.3
State Leader 16% Dairy Feed	Mayfield Sweet Feed Mills, Mayfield, Ky.	40.0	40.2	4.0	6.0	7.0	7.0
State Leader 40% Hog Supplement	Mayfield Sweet Feed Mills, Mayfield, Ky.	19.0	18.5	4.0	4.6	6.0	5.2
State Leader 19% Laying Mash	Mayfield Sweet Feed Mills, Mayfield, Ky.	18.0	18.9	4.0	7.2	6.0	6.3
State Leader 18% Chick Starting Mash	Mayfield Sweet Feed Mills, Mayfield, Ky.	17.0	16.3	4.0	6.3	7.0	6.2
State Leader 17% Chick Growing Mash	Mayfield Sweet Feed Mills, Mayfield, Ky.	14.5	14.7	4.0	3.4	7.5	6.9
McCarterley & Richardson, Russellville, Ky.	McCarterley & Richardson, Russellville, Ky.	14.5	14.7	4.0	3.4	7.5	6.9
Mixed Feed	Jarvis Brothers, Central City, Ky.	41.0	44.7	4.5	5.0	7.0	6.1
Midwest Industries, Louisville, Ky.	Farmers Exchange, Burkesville, Ky.						
41% Soybean Oil Meal	Farmers Exchange, Burkesville, Ky.						
R. L. Miles Co., Nashville, Tenn.	A. C. Roberts, Scottsville, Ky.		9.2		3.9		10.3
Square Deal Horse Feed	A. C. Roberts, Scottsville, Ky.						Not registered.
Mountain City Mill Co., Chattanooga, Tenn.	Jellico Grocery Co., Corbin, Ky.	16.0	16.2	3.5	3.6	8.0	5.9
Blue Cow 16% Feed	Jellico Grocery Co., Corbin, Ky.						
Mt. Vernon Milling Co., Mt. Vernon, Ind.	White Front Store, Fordsville, Ky.	10.0	10.0	7.0	6.6	6.0	4.8
Poco Hominy Feed	White Front Store, Fordsville, Ky.						
Murphy Grain and Milling Co., Owensboro, Ky.	Murphy Grain & Milling Co., Owensboro, Ky.	15.5	17.3	4.0	5.2	6.0	3.8
Airolite 15 1/2% All Purpose Poultry Mash	Murphy Grain & Milling Co., Owensboro, Ky.	10.0	9.4	7.0	7.4	6.0	7.6
Airolite Hominy Feed	Farmers Supply Co., Glasgow, Ky.						

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Myers & Clark, Ashland, Ky. Ideal 20% Dairy Feed	W. F. Collins, Canada, Kentucky Moore & Thompson, Pikeville, Ky.	20.0	23.7	4.0	4.9	11.0	10.2	
Ideal 20% Dairy Feed	Moore & Thompson, Pikeville, Ky.	20.0	23.8	4.0	4.5	11.0	10.0	
Ideal 16% Poultry Feed	Moore & Thompson, Pikeville, Ky.	16.0	15.6	4.0	4.0	8.0	5.4	
Ideal 16% All Mash Starter and Grower	Moore & Thompson, Pikeville, Ky.	16.0	15.9	4.0	3.6	6.0	6.3	
Ideal Horse and Mule Feed	Hopkins Super Market, Pikeville, Ky.	10.0	9.5	3.5	4.4	11.0	6.9	
Ideal 14% Hog and Pig Feed	Burl Spurlock, West Prestonsburg, Ky.	14.0	13.6	3.5	4.0	7.0	4.9	
Myers & Son, Glasgow, Ky. Wheat Mixed Feed	E. T. Meadow, Scottsville, Ky.	15.5	15.0	4.0	3.8	8.0	6.8	
National Oats Co., E. St. Louis, Ill. Corno 24% Dairy Feed	Economy Feed & Seed Store, Murray, Ky. Robertson Implement Co., Princeton, Ky.	24.0	28.5	3.5	2.0	12.0	7.3	BA
Corno 16% Dairy Feed	Morganfield Hdwe. Co., Morganfield, Ky.	16.0	17.3	3.5	4.7	15.0	15.5	BA
Corno 18% Laying Mash	Morganfield Hdwe. Co., Morganfield, Ky.	18.0	16.6	3.5	3.4	8.0	6.3	BA
Corno 16% Chick Starting and Growing Mash	Morganfield Hdwe. Co., Morganfield, Ky.	16.0	17.0	4.0	3.4	6.0	7.0	BA
Corno 18% Laying Mash	Robertson Implement Co., Princeton, Ky.	18.0	17.7	3.5	3.5	8.0	6.4	
Corno 15% Hog Fattener	Dairyman's Feed & Supply Co., Mayfield, Ky.	15.0	15.5	3.5	3.7	7.0	5.9	

The New Era Milling Co., Arkansas City, Kansas	16.0	16.2	4.0	3.9	5.5	6.6	BA
Polars Bear Wheat Gray Shorts and Screenings	16.0	16.3	4.0	4.3	8.5	8.2	
Polars Bear Wheat Mixed Feed and Screenings	16.0	16.0	4.0	4.3	8.5	7.7	
North American Feed Co., Louisville, Ky.	16.0	17.4	3.5	4.1	15.0	13.7	
Nafco 16% Dairy Feed	16.0	15.6	3.5	4.0	12.0	12.4	
Charles Nunn & Sons Milling Co., Evansville, Ind.	16.0	16.9	4.0	4.5	5.5	5.9	
Sweet Sixteen 16% Dairy Feed	17.0	16.9	4.0	4.2	5.0	6.4	BA
Nunn-Better 16% Poultry All-Mash	18.0	17.6	3.8	4.0	6.5	6.4	
Nunn-Better 17% Poultry All-Mash							
Nunn-Better 18% Pig and Shoat Ration							
Nebraska Consolidated Mills, Omaha, Neb.	14.5	17.7	3.0	4.7	7.5	5.9	
Wheat Byproduct Feed and Screenings							
Owensboro Milling Co., Owensboro, Ky.	16.5	13.7	3.5	3.8	10.0	9.2	BA
Star 16½% Dairy Feed	24.0	23.5	5.5	4.2	10.5	8.3	BA
TruTest 24% Dairy Feed	16.5	16.9	3.5	4.0	10.0	9.3	
Star 16½% Dairy Feed	13.25	14.8	4.0	4.2	6.0	8.4	BA
D & H Stock Feed	13.5	13.5	7.0	7.1	5.25	5.4	
TruTest 13½% Poultry Fattener							

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Ohio Valley Soybean Co-op Henderson, Ky. 41% Soybean Oil Meal	Trigg County Trading Co., Cadiz, Ky.	41.0	42.7	4.0	6.3	7.0	6.4	Adulterated with about 45,400 unground weed seeds per 100 lbs., and screenings refuse.
Poole Milling Co., Poole, Ky. Mixed Feed	Poole Milling Co., Poole, Ky.	14.0	10.7	3.5	3.8	9.0	4.7	
Pratt Food Co., Ind. Hammond, Ind. Utility 17% Growing Mash	Ashland Feed & Seed Co., Ashland, Ky.	17.0	12.9	3.5	4.0	7.0	7.0	
Pratts 20% Chick Starter	Ashland Feed & Seed Co., Ashland, Ky.	20.0	20.6	3.5	3.5	6.0	5.4	
Proviso Feed & Concentrates, Cincinnati, Ohio Proviso Sweet 18% Dairy Feed	Somerset Grocery Co., Somerset, Ky.	18.0	19.4	3.5	3.5	10.0	7.0	
Proviso 20% Starting and Growing Mash	Merchants Grocery Co., Pikeville, Ky.	20.0	20.0	3.5	5.4	7.0	6.8	
Purcell Seed Co., Evansville, Ind. Judge 35% Shoat and Hog Supplement	H. W. Hodge Feed Store, Corydon, Ky. Emmick Service Station, Lewisport, Ky.	35.0	37.8	3.0	5.3	10.0	8.8	
Purcell's 18% Dairy Feed		18.0	20.9	4.5	4.0	12.0	12.3	Adulterated with about 1,000,000 unground weed seeds per 100 lbs.
The Quaker Oats Co., Chicago, Ill. Ful-O-Pep 16% Dairy Feed	The Merchants Grocery Co., Pikeville, Ky.	16.0	17.0	3.5	5.4	10.0	10.5	Adulterated with about 90,800 unground weed seeds per 100 lbs.
Ful-O-Pep 16% Dairy Feed	Farmers Supply Co., Hodgensville, Ky.	16.0	16.4	3.5	4.2	11.0	9.4	

The Quaker Oats Co., Chicago, Ill.—Cont.									
Ful-O-Pep 14% Fitting Feed (for Dry Cows)	14.0	16.3	3.5	5.3	11.0	9.9			
Big Egg 18% Laying Mash	18.0	19.0	3.5	5.2	8.0	8.5			
Big Egg 18% Laying Mash	18.0	18.5	3.5	4.8	8.0	8.5			
Ful-O-Pep 19% Growing Mash	19.0	19.1	4.0	5.2	7.0	6.2			
Quaker Green Cross Horse Feed	10.0	13.3	2.5	5.3	12.0	10.3			
Ful-O-Pep Horse Feed	12.0	12.1	3.0	5.1	10.0	9.0			
Ful-O-Pep 17% Pig-N-Sow Feed	17.0	17.0	3.5	5.4	7.0	6.3			
Ful-O-Pep 17% Pig-N-Sow Feed	17.0	18.8	3.5	5.6	7.0	8.2			
Ragland Bros., Leitchfield, Ky.									
Ragland's 20% Dairy Feed	20.0	20.6	3.5	4.2	8.0	6.8			
Ralston Purina Co., St. Louis, Mo.									
Purina 15% All-Mash Layena	15.5	16.5	4.0	4.4	7.0	6.5			
Purina 15½% All-Mash Layena (Complete Ration)	15.5	16.3	4.0	4.2	7.0	6.6			
Purina 20% Chick Startena	20.0	20.4	4.0	4.7	6.0	4.5			
Purina 20% Chick Startena	20.0	21.8	4.0	5.1	6.0	5.1			
Purina 24% Turkey Startena	24.0	24.9	4.0	5.2	6.0	6.1			
Purina 36% Hog Chow Supplement	36.0	38.7	3.0	6.5	12.0	7.7			
Purina 36% Hog Chow Supplement	36.0	37.5	3.0	5.8	12.0	11.4			
Purina 14% Hog Fatena	14.0	16.7	3.5	4.2	7.0	6.2			

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Ralston Purina Co., St. Louis, Mo.—Cont.								
Purina 18% Cow Chow	Thomas Smith, Bulan, Ky.	18.0	19.8	3.5	5.1	10.0	10.3	
Purina 16% Milk Chow	Cottingham Grain Co., Henderson, Ky.	16.0	17.5	3.5	4.8	10.0	10.3	
Purina 12½% Dry and Freshening Chow	Sam Nahm & Co., Bowling Green, Ky.	12.5	12.6	2.0	4.7	14.0	8.5	
Purina 14½% Rabbit Chow Checkers	Helmer's Feed & Supply Co., Owensboro, Ky.	14.5	17.7	2.0	5.2	18.0	16.0	Equalled guaranty.
Purina Livestock Mineral Feed	Economy Feed Store, Murray, Ky.							
Robbins, Bros., Auburn, Ky.								
☞ Corn Byproduct Feed	P. V. Hunt's Grocery, Auburn, Ky.	10.8	10.4	9.0	7.5	8.3	5.5	
Ross Feed Co., Murray, Ky.								
☞ Farmers Friend 16% Dairy Ration	Ross Feed Co., Murray, Ky.	16.0	17.3	3.5	4.4	8.5	7.1	Adulterated with corn cob and shucks.
☞ Standard 40% Hog Supplement	Ross Feed Co., Murray, Ky.	40.0	30.0	4.5	5.6	7.0	9.0	Very much below guar- antee in protein and high in fiber.
Crushed Corn, Cob and Shuck	Ross Feed Co., Murray, Ky.	7.5	7.3	3.25	3.4	7.75	6.0	
Royal-Stafolife Mills, Memphis, Tenn.								
Bell Cow 16% Dairy Feed	Mayfield Milling Co., Mayfield, Ky.	16.0	17.4	3.5	4.0	15.0	13.4	
☞ Ribbon Sweet Stock Feed	Mayfield Milling Co., Mayfield, Ky.	9.0	13.6	2.0	4.2	12.0	13.7	
Ribbon Sweet Stock Feed	Earl Ward & Sons, Paducah, Ky.	9.0	11.8	2.0	4.1	12.0	12.5	
Schultz, Baujan & Co., Beardstown, Ill.								
Critic 16% Dairy Feed	Kroger's Grocery, Morganfield, Ky.	16.0	19.2	3.5	3.4	15.0	15.0	
☞ Critic 24% Dairy Feed	Renfro Supply Co., Williamsburg, Ky.	24.0	30.0	3.5	2.9	9.0	7.2	

✓ Critic 16% All-Mash Laying Ration	Renfro Supply Co., Williamsburg, Ky.	16.0	16.7	4.0	4.1	6.0	7.1	✓
✓ Critic 15% Pork Maker	Louisa Supply Co., Louisa, Ky.	15.0	16.6	3.5	4.2	7.0	6.3	
✓ Scientific Milling Co., E. St. Louis, Ill. Scientific 18% Laying Mash	Bradley Bros., Paducah, Ky.	18.0	18.3	3.5	3.7	7.0	5.8	
✓ Scott County Milling Co., Sikeston, Mo. Gisto 16½% Milk Maker	Farmers Feed & Supply Co., Arlington, Ky.	16.5	14.5	3.5	4.9	14.0	11.0	Adulterated with 45,400 unground seeds per 100 lbs.
✓ Sebree Milling Co., Sebree, Ky. Korb's Heavy Mixed Feed	Sebree Milling Co., Sebree, Ky.	14.5	12.9	4.0	3.8	7.25	6.4	✓
✓ Shellabarger Mills, Salina, Kansas Emergency Wheat Feed and Screenings	Burnside Milling Co., Burnside, Ky.	15.5	16.6	4.0	4.5	10.5	9.7	
✓ Spear Mills, Kansas City, Mo. Spear 18% Egg Mash	Edwin C. Hawkins, Paducah, Ky.	18.0	19.4	3.5	2.8	7.5	6.3	✓
✓ Spear 19½% Growing Mash	Edwin C. Hawkins, Paducah, Ky.	19.5	19.3	3.5	2.7	7.0	6.3	✓
✓ Spear Scratch Grain	Edwin C. Hawkins, Paducah, Ky.	10.5	9.8	3.0	3.1	2.25	2.7	✓
✓ A. E. Staley Mfg. Co., Decatur, Ill. Staley's 41% Soybean Oil Meal	Harris Feed Store, Franklin, Ky.	41.0	43.7	3.5	4.5	7.0	6.7	
✓ Staley Milling Co., Kansas City, Mo. Staley's Mama 16% Pig Feed	Edwin C. Hawkins, Paducah, Ky.	16.0	15.3	3.5	5.0	7.0	8.0	✓
✓ Four Bells 15% Egg All-Mash	Princeton Mills, Princeton, Ky.	15.0	15.0	4.0	4.2	7.0	7.2	

Supreme Feed Mills, Glasgow, Ky.	J. C. Cook, Tompkinsville, Ky.	16.0	16.2	3.5	3.3	15.0	11.8	
Premo 16% Dairy Feed								
Premo 20% Dairy Feed	J. L. Wilson, Canmer, Ky.	20.0	18.2	3.5	5.7	10.0	8.7	Adulterated with desza stem meal, alfalfa stem meal and wheat screenings.
Supreme 17% Hog Feed	J. C. Cook, Tompkinsville, Ky.	17.0	15.8	4.0	4.2	6.0	6.7	
Sweet Feeds, Hopkinsville, Ky.								
Sweet Mix 16% Dairy Feed	Gill Jennings, Russellville, Ky.	16.0	17.8	3.5	3.2	15.0	16.7	Adulterated with desza stem meal, alfalfa stem meal and wheat screenings.
Sweet Feed Mills, Bowling Green, Ky.								
Ace 16% Dairy Feed	Earl Froedge Grocery, Summer Shade, Ky.	16.0	15.5	3.5	3.7	12.0	13.6	
Swift and Company Soybean Mills, Cairo, Ill.								
Swift's 43% Soybean Oil Meal	Swift & Co., Hatchery, Russellville, Ky.	43.0	44.5	3.5	5.5	7.0	6.7	Adulterated with 90,800 unground seeds per 100 lbs.
Thomson's Mill, Madisonville, Ky.								
Thomson's Ideal 16% Dairy Feed	Thomson's Mill, Madisonville, Ky.	16.0	15.5	3.5	4.2	15.0	10.8	
Red Bird 19% Dairy Feed	Thomson's Mill, Madisonville, Ky.	19.0	20.6	4.0	3.6	12.0	11.2	
Ideal 18% Egg Mash	Thomson's Mill, Madisonville, Ky.	18.0	15.3	3.5	3.5	8.0	6.4	
Ideal 17% Starter and Grower	Greenville Feed & Supply Co., Greenville, Ky.	17.0	13.9	4.0	4.1	6.0	5.8	
Red Tag 17% Mixed Feed	Greenville Feed & Supply Co., Greenville, Ky.	17.0	14.0	2.5	3.9	8.5	7.0	
Red Tag 17% Mixed Feed	Thomson's Mill, Madisonville, Ky.	17.0	18.7	2.5	3.5	8.5	8.5	
Eighty Five Horse and Mule Feed	Farmers Supply Co., White Plains, Ky.	10.0	8.2	3.2	3.4	10.0	7.9	
Ideal Hominy Feed	West Ky. Coal Co., Earlington, Ky.	10.0	10.0	7.0	6.4	6.0	4.1	

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Tilford & Walters, Metropolis, Illinois Masco 20% Dairy Feed	Wilson Feed & Produce Co., Smithland, Ky.	20.0	19.8	3.5	3.5	9.0	9.0	
Masco 19% Laying Mash	Earl Ward, Paducah, Ky.	19.0	17.7	4.0	3.8	6.0	5.6	TA
Masco 21% Laying and Breeder Mash	Wilson Feed & Produce Co., Smithland, Ky.	21.0	18.4	3.5	3.7	7.0	5.5	TA
Masco 19% Laying Mash	Sunshine Stores, Inc., Paducah, Ky.	19.0	17.8	4.0	3.9	6.0	6.5	TA
Masco 19% Laying Mash	Earl Ward & Son, Paducah, Ky.	19.0	15.8	4.0	4.7	6.0	5.6	TA
Masco Special 16% Dairy Feed	Sunshine Stores, Inc., Paducah, Ky.	16.0	18.2	3.5	3.8	15.0	7.8	TA Adulterated with about 90,800 unground weed seeds per 100 lbs.
Masco 16% Hog Fattener	Page and Goulder, Barlow, Ky.	16.0	13.8	3.5	3.6	7.0	5.8	TA
The Ubiko Milling Co., Cincinnati, Ohio Life Guard 19% Broiler Ration	Keller Hay & Grain Co., Newport, Ky.	19.0	16.6	4.0	3.8	6.5	5.9	TA
Life Guard 17% Developer	Farmers Elevator Co., Franklin, Ky.	17.0	17.0	4.0	4.2	6.0	8.0	TA
Life Guard 18% Starter	Robinson & Turley, Richmond, Ky.	18.0	16.3	4.0	4.7	5.0	6.2	TA
Life Guard 16% All-Mash Laying Ration	Hardin County Milling Co., Elizabethtown, Ky.	16.0	16.5	4.0	3.9	6.0	7.2	TA
Life Guard 22% Turkey Starter	L. C. McLoney & Sons, Cynthiana, Ky.	22.0	19.9	4.0	3.8	6.0	6.4	TA
Life Guard 22% Turkey Starter	Hardin County Milling Co., Elizabethtown, Ky.	22.0	23.2	4.0	5.4	6.0	10.5	TA
C. F. Vissman & Co., Louisville, Ky. Vissman's 50% Ground Meat Scrap	Van Meter-Terrell Co., Lexington, Ky.	50.0	51.0	6.0	15.4	3.0	2.0	

Warren County Mill, Ky. Bowling Green, Ky. Meat Maker 18% Hog Ration	18.0	21.4	5.0	5.3	6.5	6.4
Weisenberger Sanitary Flour Mills, Midway, Ky. Repeater Feed	14.25	12.4	4.25	6.1	10.75	9.2
Wiedlocher & Sons, Springfield, Ill. Faultless 20% Dairy Feed	20.0	20.0	3.5	3.5	10.0	7.1
Faultless 20% Laying Mash	20.0	19.6	3.5	4.0	8.0	7.5
Faultless 20% Starting Mash	20.0	18.8	4.0	4.2	6.0	8.3
Faultless 20% Pig and Hog Feed	20.0	19.3	3.5	3.8	7.0	6.9
Faultless 27% Supplement	27.0	27.4	3.5	4.5	8.0	7.5
Faultless 27% Supplement	27.0	28.2	3.5	4.3	8.0	7.5
The William Kelly Milling Co., Hutchinson, Kan. Wheat Gray Shorts	16.0	16.6	4.0	4.1	5.5	5.1
Winn Milling Co., Greensburg, Ky. Daisy 17% Starter and Grower	17.0	15.4	3.5	4.8	6.0	6.4
Daisy 17% Starter and Grower	17.0	14.7	3.5	4.6	6.0	5.3
Winn & Tobin Milling Co., Leitchfield, Ky. Daisy 17% Starter and Grower	17.0	14.9	3.5	4.2	6.0	6.5
Hominy Meal	10.0	10.5	7.0	8.8	6.0	8.3
Woolcott Milling Co., Harrisburg, Ill. Red Wing 17½% Starter Mash	17.5	18.7	4.0	4.5	6.0	4.8
Mixed Feed	14.0	12.5	3.0	3.9	9.0	5.2

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Yopp Seed Co., Paducah, Ky.	Yopp Seed Co., Paducah, Ky.	20.0	16.5	5.0	7.1	6.75	5.5	63
Yopp's 20% Laying Mash								
Yukon Mill and Grain Co., Yukon, Okla.	Purvy Bros., Dawson Springs, Ky.	16.0	15.6	4.5	4.0	8.5	6.6	
Wheat Mixed Feed and Screenings								

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