

Quarterly Report

on

Official Feed Samples Analyzed

by the

FEED AND FERTILIZER DEPARTMENT

KENTUCKY AGRICULTURAL EXPERIMENT STATION

in July, August, and September, 1946

In the report for the second quarter of this year it was stated that the feed situation was then as critical as at any time during World War II or since V-J Day. During the third quarter the difficulties faced by feed manufacturers became even more extreme. Needed ingredients were in shorter supply, and unsettled prices of feed materials and of finished products further aggravated the situation.

At such times buyers of mixed feed find it more advantageous than ever to know how well the feeds offered for sale measure up to guaranty.

UNIVERSITY OF KENTUCKY, LEXINGTON

REPORT OF OFFICIAL FEED SAMPLES ANALYZED

July, August and September, 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.	
Acme Evans Co., Indianapolis, Ind.								
Acme 16% Protein Dairy Feed	W. M. Webb, Whitley City Burksville Grocery, Burksville	16.00	18.10	3.50	5.00	15.00	15.60	
Acme 13% Hog Fattener		13.00	12.50	3.50	4.80	7.00	6.40	
Acme Wheat Brown Middlings and Screenings	Farmers Co-op Store, Owensboro	16.00	14.00	4.00	4.00	7.50	10.00	Low in protein very high in fiber.
Acme Hominy Feed	J. C. Cook, Thompkinsville	10.00	9.80	7.00	7.50	6.00	5.30	
Alfocorn Mill, Co., E. St. Louis, Ill. "Alfocorn's Dollar Mark" 20% Protein Egg Mash	Standard Milling Company, Elkton	20.00	22.20	3.50	4.40	8.00	6.50	
Allied Mills, Inc., Chicago, Ill. Wayne 18% Protein Egg Mash	A. C. Butts and Son, Fulton	18.00	20.80	3.50	4.20	8.00	8.30	
Wayne 18% Protein Egg Mash	13th Street Feed Store, Ashland	18.00	18.50	3.50	4.00	8.00	7.60	
Wayne 32% Protein Dairy Supplement	Murray Hatchery, Murray Colonial Coal and Supply Co., Erlanger	32.00	31.60	3.50	5.60	9.00	8.20	
Wayne 12% Protein Fitting Ration		12.00	14.70	3.50	4.50	9.00	8.20	
Wayne 35% Protein Hog Supplement	Jim Pyles, Junction City Colonial Coal and Supply Co., Erlanger	35.00	37.70	3.50	5.80	7.00	6.90	
Wayne Pigeon Feed		12.00	11.70	2.00	2.60	5.00	3.40	
Wayne 25% Protein Turkey Starting Mash	Dodds Corner, Nicholasville	25.00	25.20	3.50	4.90	6.00	7.20	

Anglo Sweet Feed Mill, Owensboro, Ky. "Ace Three-in-One" 18% Protein Poultry Mash	Wyndell's Feed Store, Owensboro	18.00	19.20	3.50	6.40	6.50	7.10	
"Ace Brand" 16% Protein Dairy Feed	Babbit's Grocery, Owensboro	16.00	12.40	3.50	4.90	13.00	13.60	Very low in protein, mis- branded.
Arcady Farms Milling Company, Chicago, Ill. "Sunkist" 17% Protein Growing Mash	Farmers Supply Company, Glasgow	17.00	16.40	3.50	4.50	7.00	10.10	Very high in fiber, mis- branded.
"Sunkist" 17% Protein Growing Mash	H. & S. Feed Company, Corbin	17.00	17.20	3.50	4.70	7.00	9.80	Very high in fiber, mis- branded.
Arcady 16% Protein All Purpose Mash Ration	Phoenix Milling Company, Providence	16.00	16.70	4.00	4.40	6.00	9.80	Very high in fiber, mis- branded.
Arcady 20% Protein Dairy Feed	Morris Brothers, Somerset	20.00	20.80	3.50	5.40	12.00	7.50	
"Atlantic Besbet" 16% Protein Dairy Feed	Morris Brothers, Somerset	16.00	16.30	3.50	3.70	15.00	12.80	
"Sunkist" 30% Protein Hog Supplement	E. T. Meadow Company, Scottsville	30.00	31.60	3.50	4.70	8.00	8.50	
Arcady 20% Protein Pig and Sow Feed	Phoenix Milling Company, Providence	20.00	20.40	4.00	5.50	7.00	8.00	
Arcady 15% Protein Hog Grower	Greenwell Feed Store, Lebanon	15.00	16.40	3.50	5.00	7.00	10.90	Very high in fiber, adul- terated with screenings, misbranded.
Aubrey and Company, Louisville, Ky. "Red A" 21% Protein Turkey Growing and Developing Mash	Bedford and Tuttle, Winchester	21.00	20.1	3.50	4.60	7.00	7.50	
"Red A" 20% Protein Laying Mash	Bland's Grocery, Nancy	20.00	19.60	4.00	4.50	8.00	8.30	
"Monarch" Poultry Scratch Feed	J. H. Hubbard, Leitchfield	9.00	10.10	3.00	2.30	5.00	3.00	
"Ful-O-Cream" Brand 24% Protein Dairy Feed	Tom Craft, E. Bernstadt	24.00	30.30	4.50	4.40	12.00	12.10	

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Aubrey & Co., Louisville, Ky.—Cont. "Full-O-Cream" Brand 24% Protein Dairy Feed	Hardin County Milling Company, Elizabethtown.	24.00	27.70	4.50	4.50	12.00	13.70	
"Full-O-Cream" Brand 24% Protein Dairy Feed	Moses Supply Company, Richmond	24.00	27.20	4.50	4.50	12.00	14.70	Very high in fiber, mis- branded
"Red A" 20% Protein Dairy Feed	J. W. Davidson, Science Hill	20.00	27.00	4.00	4.40	14.00	15.70	
Aubrey's 16% Protein Dairy Feed	Garrard Mills, Lancaster	16.50	16.50	4.00	4.30	15.00	16.00	
"Red A" Horse Feed	J. W. Davidson, Science Hill	10.00	11.70	3.00	4.50	10.00	13.60	Very high in fiber, mis- branded.
"Red A" 18% Protein Hog and Pig Feed	Ona Hamlin, Corbin	18.00	17.80	4.00	5.70	7.00	8.20	
Ballard & Ballard Co., Louisville, Ky. "Insurance Brand" 20% Protein Broiler Ration	Walters and Thompson, Shelbyville	20.00	20.60	3.50	4.80	7.00	7.80	
"Milk Insurance Brand" 18% Pro- tein Dairy Feed	C. M. Langdon, Science Hill	18.00	18.80	3.50	4.00	9.00	8.10	
"Ballard's Big Value Brand" Horse Feed	Hackney Jellico Company, Middlesboro	9.00	10.80	2.50	4.10	15.00	16.80	
Beaver Dam Milling Company, Beaver Dam, Ky. "Eureka" 17% Protein All-Mash Starting and Growing Mash	Beaver Dam Milling Co., Beaver Dam	17.00	16.50	4.00	4.20	6.00	6.30	
"Eureka" 17% Protein All-Mash Starting and Growing Ration	W. E. Ried, Hodgenville	17.00	15.60	4.00	5.00	6.00	5.10	
"Eureka" 90% Grain Horse and Mule	W. E. Ried, Hodgenville	9.50	10.00	3.50	4.90	12.00	9.50	

Binns Milling Co., Herndon, Ky. "Binn's Do-Mor Brand" 19% Protein Chick Starter	Adams Coal Yard, Hopkinsville	19.00	16.00	4.00	4.10	6.00	5.80	Very low in protein, misbranded.
"Eclipse" 30% Protein Dairy Supplement	Beard's Feed Store, Crofton	30.00	26.2	4.00	4.10	12.00	9.70	Very low in protein, adulterated with rice hulls, misbranded.
Blish Milling Co., Seymour, Ind. "Bulls Eye" Wheat Brown Middlings and Screenings	Lexington Grocery Co., Lexington	16.00	14.60	4.00	4.40	7.50	8.30	
"Bulls Eye" Wheat Brown Middlings and Screenings	C. F. Mullins, Livingston	16.00	15.60	4.00	4.50	7.50	8.40	
The Buhner Feed Co., Seymour, Ind. "Buhners Happy Farmer" 18% Protein Chick Starter	H. T. Hackney Co., Harlan	18.00	17.00	3.50	5.40	6.00	7.30	
Buhner and Co., Louisville, Ky. "Buhner's Special Brand" 16% Protein Dairy Feed	McWhorter Produce Co., Albany	16.00	16.30	3.50	4.80	15.00	14.40	
"Happy Farmer's Brand" 20% Protein Pig and Sow Ration	Richardson Brothers, Eighty-Eighty	20.00	19.20	3.50	6.30	7.00	10.30	Very high in fiber, misbranded.
"Buhner's Happy Farmer" 13% Protein Hog Fattener	Benson Valley Milling Co., Frankfort	13.00	12.90	3.50	4.80	7.00	8.80	
Burnside Milling Co., Burnside, Ky. Mixed Feed	Burnside Milling Co., Burnside	15.00	14.50	4.00	5.50	7.00	9.80	Adulterated with about 45,400 unground weed seeds per 100#, high in fiber, misbranded.
Burrus Mill and Elevator Co., Ft. Worth Tex. 15% Protein Wheat Feed and Screenings	Renfro Supply Company, Williamsburg	15.00	15.70	3.50	4.30	8.50	9.00	
Cadick Milling Co., Grandview, Ind. Cadick's Gold Dust 40% Protein Hog Supplement	CC. Hardware Feed and Seed Co., Hartford	40.00	42.10	4.50	6.50	9.50	7.40	

REGULATORY BULLETIN No. 54

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar. Fnd.	Fnd.	Guar. Fnd.	Fnd.	Guar. Fnd.	Fnd.	
Cadiz Milling Company, Cadiz, Ky. ☞ "Sunbeam" Wheat Mixed Feed and Screenings	Cadiz Milling Company, Cadiz	16.00	14.30	4.00	4.40	8.50	7.70	☞
The Cincinnati Grain and Hay Co., Cincinnati, O. ☞ "No Better Brand" 24% Protein Sweet Dairy Ration	Blue Grass Produce Co., Carlisle	24.00	17.90	4.50	4.70	9.50	9.90	☞ Very low in protein, mis-branded.
☞ "No Better Brand" 24% Protein Sweet Dairy Ration	The Cincinnati Grain and Hay Co., Covington	24.00	17.30	4.50	4.50	9.50	9.10	☞ Very low in protein, mis-branded.
Clifty Falls Mills, Inc., Madison, Ind. ☞ "Clifty Falls" 17% Protein Starter and Grower	Raymond Wright, Mt. Sterling	17.00	15.60	3.50	5.20	7.00	7.10	☞
"Clifty Falls" 17% Protein Starter and Grower	Fayette Coal and Feed Co., Lexington	17.00	16.50	3.50	4.50	7.00	7.30	
"Clifty Falls" 17% Protein Starter and Grower	W. M. Welch, Frankfort	17.00	16.50	3.50	4.60	7.00	7.50	
☞ "Clifty Falls" 20% Protein Eggs Mash	Fayette Coal and Feed Co., Lexington	20.00	18.80	3.50	5.40	7.00	8.00	☞
☞ "Clifty Falls" 16% Protein Dairy Feed	Byrd Perry, Morehead	16.00	14.60	3.50	4.80	12.00	9.50	☞ Adulterated with crushed corn cobs and wheat screenings. Alfalfa meal very stemmy, mis-branded.
"Clifty Falls" 14½% Protein Hog Fattener	Merchants Grocery, West Liberty	14.50	14.00	3.50	4.90	6.00	6.10	
Columbus Milling Company, Columbus, Ind. ☞ Scratch Feed	Hackney-Jellico Company, Middlesboro	9.50	8.80	3.00	3.00	4.00	2.40	☞

QUARTERLY REPORT ON FEED SAMPLES

Cooperative Mills, Inc., Cincinnati, O. 18% Protein Starting and Growing Mash	Southern States Co-op, Georgetown	18.00	18.90	3.50	4.70	7.00	7.70
17½% Protein Growing Mash	Southern States Co-op, Bowling Green	17.50	18.60	3.50	4.50	7.00	8.90
15% Protein All-Mash Laying Mash	Farmers Supply Co., Paintsville	15.00	16.00	4.00	5.20	7.00	9.40
18% Protein Broiler Ration	Payton's Hatchery, Horse Cave	18.00	19.50	3.50	4.20	7.00	7.80
18% Protein Broiler Ration	Southern States Co-op, Ashland	18.00	17.90	3.50	4.50	7.00	7.70
"Milk Maker Brand" 18% Protein Dairy Feed	Farmers Supply Co., Paintsville	18.00	18.10	3.50	4.70	10.00	8.60
16% Protein Dairy Feed Horse and Mule Feed	Walter Conley, Oil Springs Bullock and Bullock, Mt. Vernon	16.00	17.10	3.50	4.00	10.00	11.10
18% Protein Calf Starter	Southern States Co-op, Bowling Green	9.00	12.20	2.50	4.70	9.00	7.50
16% Protein Pig and Hog Feed	Southern States Co-op, Ashland	18.00	18.80	4.00	4.80	7.00	6.50
George Couch and Sons, New Harmony, Ind. "Harmony Brand," 16% Protein All-Purpose Poultry Mash	Wyatt Feed Store, Madisonville	16.00	19.60	4.00	4.90	6.00	6.00
Harmony 32% Protein Dairy Supplement	Bell County Supply Co., Middlesboro	32.00	35.4	4.00	4.50	11.00	7.80
"Harmony Brand" 16% Protein Dairy Feed	Bell County Supply Co., Middlesboro	16.00	18.50	4.00	3.60	12.00	6.30
"Harmony Brand" 18% Protein Pork Maker	Bell County Supply Co., Middlesboro	18.00	17.40	4.00	4.70	7.00	5.40
Harmony Stock Feed	Wyatt Feed Store, Madisonville	14.00	14.00	3.50	3.70	6.00	6.00
The Dewey Brothers Company, Blanchester, O. "Dewco" 18% Protein Dairy Feed	Hopkins Supermarket, Pikeville	18.00	16.30	3.50	4.00	13.00	10.50

Very high in fiber, mis-branded.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Dixie Mills Co., E. St. Louis, Ill. Dixie 20% Protein Laying Mash	Dixie Feed Co., Middlesboro	20.00	21.00	3.50	5.20	6.50	8.90	High in fiber, mis-branded.
Dixie 17% Protein All Purpose Poultry Mash	Chappell Grocery, Pineville	17.00	21.00	4.00	4.80	6.00	7.60	
Dixie 18% Protein Broiler Mash	Mayfield Hatchery, Mayfield	18.00	23.30	3.50	5.20	6.00	10.00	
Dixie 16% Protein Dairy Feed	J. G. Belcher, Ashland	16.00	19.30	3.50	4.90	14.00	14.90	
Dixie Horse and Mule Feed	Dixie Feed Co., Middlesboro	9.00	9.60	2.50	3.80	12.00	17.50	Very high in fiber, mis-branded.
Dixie 13½% Protein Rabbit Pellets	L. F. Thurman, Murray	13.50	14.80	3.50	4.00	8.50	13.60	Very high in fiber, mis-branded.
Dunlap Milling Company, Inc., Clarksville, Tenn. "Challenger" 24% Protein Dog Feed	Southern States Co-op, Glasgow	24.00	23.50	3.50	4.80	5.00	4.40	
The Early and Daniel Company, Cincinnati, O. Tuxedo 17% Protein Starter, Grower and Developer	Cecilian Milling Co., Elizabethtown	17.00	18.90	3.50	3.40	6.50	5.60	
Tuxedo 20% Protein Turkey Growing and Developing Mash	3rd Street Feed Store, Lexington	20.00	20.70	3.50	4.60	6.00	5.70	
Tuxedo 20% Turkey Growing and Developing Mash	W. H. Brock and Co., Winchester	20.00	20.80	3.50	4.20	6.00	7.20	
Tuxedo 17% Protein Broiler Mash	3rd Street Feed Store, Lexington	17.00	16.50	3.50	3.60	6.00	4.60	
Tuxedo Special 16% Protein Dairy Feed	L. D. Flanagan, Russell Springs	16.00	13.10	3.50	4.20	14.00	12.50	
Tuxedo Chop	Harris Feed Store, Franklin	9.50	10.60	3.00	3.80	9.00	8.60	
Tuxedo Chop	Farmers Supply Co., Wilmore	9.50	10.00	3.00	4.50	9.00	8.00	

QUARTERLY REPORT ON FEED SAMPLES

The F. L. Emmert Co., Cincinnati, O. "Buffalo Brand" 24% Protein Brewers Dried Grains	J. H. Fedders and Son, Covington	24.00	25.40	5.00	7.70	15.00	14.10	
John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose 16% Protein Dairy Feed	Lewis Wholesale Co., Whitesburg	16.00	13.90	4.50	4.00	11.00	10.10	Very low in protein.
Eshelman Pennsy" 16% Protein Dairy Feed	Arthur and Riggs, Russell	16.00	16.00	3.50	5.60	11.00	16.20	Very high in fiber, adulterated with about 90,800 unground weed seeds per 100 #, misbranded.
Eshelman's Red Rose" 16% Protein Pig and Hog Meal	Richardson and Stewart, Mt. Sterling	16.00	16.10	3.50	4.20	7.00	14.30	Very high in fiber, misbranded.
Eshelman Red Rose 14% Pig and Hog Fattening Meal	G. W. Bowling and Son, Catlettsburg	14.00	14.10	3.50	4.20	7.00	13.80	Very high in fiber, misbranded.
Exchange Milling Co., Sturgis, Ky. Smith's Special" 16% Protein Dairy Feed	Exchange Milling Co., Sturgis	16.00	12.80	3.50	5.90	13.00	9.70	
Smith's 18% Protein Special Hog Feed	Exchange Milling Co., Sturgis	18.00	13.60	4.00	5.30	7.00	5.10	Very low in protein, misbranded.
Smith's Special Horse Feed	Greshman Bhothers, Eddyville	9.70	9.50	3.35	4.40	10.00	7.20	
Ewing Mill Company, Ewing, Ind. Robertson's 18% Protein Laying Mash	Checkerboard Feed Store, Louisville	18.00	18.40	3.50	5.40	8.00	10.80	Very high in fiber, misbranded.
Farmers Feed Store, Lexington, Ky. Farmers Best Brand 20% Protein Starting and Growing Mash	Ethel M. Adams, Jeff	20.00	19.50	4.50	5.30	7.00	9.30	Adulterated with screenings and about 45,400 unground weed seeds per 100#, misbranded.

Giessing Flour Mills, Farmington, Mo. A-B Mixed Feed	A. C. Roberts, Scottsville	10.90	3.50	7.40	Not registered.
Edward F. Goeke and Sons, Evansville, Ind. "Big Gee" 20% Protein Egg Mash	Romond's Feed Store, Owensboro	20.00	4.80	7.00	
"Milko" 16% Protein Dairy Feed	Seiler's Feed Store, Marion	16.00	3.60	15.00	6.80
"Milko" 16% Protein Dairy Feed	Stevens Feed Store, Beaver Dam	16.00	3.40	15.00	16.00
Green River Milling Company, South Carrollton, Ky. "Green River" 18% Protein Laying Mash	Seiler's Feed Store, Marion	18.00	4.40	8.00	5.40
Green River 15% Protein Pig Meal	Purdy Brothers, Dawson Springs	15.00	5.50	6.50	7.00
Gwinn Brothers and Company, Huntington, W. Va. 17% Protein Starter and Grower Mash	Gwinn Brothers and Co., Paintsville	17.00	4.70	6.00	7.20
17% Protein Starter and Grower Mash	Johnson's Cash Store, Garrett	17.00	4.80	6.00	9.00
"Early Lay" 20% Protein Laying Mash	Johnson's Cash Store, Garrett	20.00	5.00	8.00	8.10
"Pioneer" 24% Protein Dairy Feed	Gwinn Brothers and Co., Paintsville	24.00	4.80	15.00	8.80
"Gwinn's Pioneer" 20% Protein Dairy Feed	Robert's Model Grocery, Olive Hill	20.00	4.60	15.00	12.30
"Gwinn's Make Milk Brand" 20% Protein Dairy Feed	Gwinn Brothers and Co., Paintsville	20.00	4.00	15.00	9.70
Gwinn's Pioneer 20% Protein Dairy Feed	Gwinn Brothers and Co., Paintsville	20.00	4.10	15.00	10.70
"Gwinn's Pioneer" 20% Protein Dairy Feed	Hinkle and Miller, Louisa	20.00	3.80	15.00	9.90
Gwinn's 18% Protein Pig and Hog Feed	M. V. Hunter, Martin	18.00	4.40	7.00	7.00
Gwinn's 18% Pig and Hog Feed	Johnsons Cash Store, Garrett	18.00	4.60	7.00	8.80

Very high in fiber, mis-branded.

Adulterated with ground timothy hay and citrus pulp.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Hales and Hunter Co., Chicago, Ill. "Red Comb" 17% Protein Growing Mash	Lord-O-Cackle Hatchery, Bowling Green	17.00	17.90	3.50	4.30	7.00	8.60	
G. M. Haycraft and Son, Leitchfield, Ky. Haycraft's 18% Protein Turkey Growing Mash	G. M. Haycraft and Son, Leitchfield	18.00	20.10	3.50	4.20	7.00	5.70	
Henderson Elevator Company, Henderson, Ky. "Bullitt's 17% Protein All Purpose Poultry Mash	Henderson Grain and Com- mission Co., Henderson	17.00	21.30	4.25	4.50	6.00	7.30	
"Bullitt's Ideal Brand" 18% Protein Growing Mash	Nelson & Son Feed Store, Marion	18.00	19.90	4.00	5.00	6.00	8.30	High in fiber, adulterated with about 180,000 un- ground weed seeds per 100#, misbranded.
"Bullitt's Best Brand" Horse and Mule Feed	Romans and Tarence, Morganfield	10.00	8.90	3.00	3.50	12.00	16.20	Very high in fiber, mis- branded.
Home Milling Co., Greenville, Ky. "Champion Ultra Lified Brand" 18% Protein Starting Mash	Home Milling Co., Greenville	18.00	19.30	3.50	5.90	6.00	8.00	Very high in fiber, mis- branded.
"Happy Home" 20% Protein Laying Mash	Farmers Feed Market, Bowling Green	20.00	19.10	4.00	4.80	7.00	9.10	Very high in fiber, mis- branded.
"Champion Ultra Lified Brand" 20% Protein Laying Mash	Stevens Feed Store, Beaver Dam	20.00	20.60	3.50	6.10	8.00	8.50	
"Happy Home" 18% Protein All Purpose Poultry Mash	Farmers Feed Market, Bowling Green	18.00	19.00	4.00	4.40	6.00	9.00	Very high in fiber, mis- branded.
"Happy Home" 19% Protein Pig and Sow Feed	Home Milling Co., Greenville	19.00	18.80	4.00	6.90	6.00	7.00	

"Champion Markitop Brand" 15% Protein Hog Ration	W. H. Alexander, Newman	15.00	19.00	3.50	5.30	5.50	8.20	Very high in fiber, misbranded.
Hopkinsville Milling Company, Hopkinsville, Ky. Hominy Feed	M. G. Williams Imp. Co., Hopkinsville Watson's Coal and Feed Co., Princeton	11.00	11.20	9.50	9.90	6.00	6.80	
Hominy Feed		11.00	11.00	9.50	9.30	6.00	6.00	
Igleheart Brothers, Clarksville, Tenn. "Challenger" 20% Protein Laying Mash	Guthrie Hardware Co., Guthrie	20.00	19.30	4.00	4.90	7.00	7.20	
"Challenger" 20% Protein Pig Starter and Sow Ration	McCarley and Richardson, Russellville	20.00	24.80	4.00	3.10	7.00	10.00	Very high in fiber, adulterated with screenings, refuse, and rice hulls, misbranded.
"Challenger" 20% Protein Pig Starter and Sow Ration	Guthrie Hardware Co., Guthrie	20.00	23.30	4.00	5.10	7.00	8.20	
"Challenger" 16% Protein Pig and Hog Feed	Farmers Supply Co., Glasgow	16.00	17.80	3.50	5.40	7.00	7.20	
Independent Oil Mill, Jackson, Tenn. "Independent Brand" 36% Protein Cottonseed Feed	Ross Feed Co., Murray	36.00	33.40	4.50	5.60	16.00	16.00	Very low in protein, misbranded.
Jones Packing Co., Paducah, Ky. Jones' 47% Protein Tankage	Jones Packing Co., Paducah	47.00	42.70	4.50	17.80	3.00	3.80	Very low in protein, misbranded.
Kasco Mills, Toledo, O. Apex 20% Protein Dairy Feed	Moses Supply Co., Richmond	20.00	20.20	3.50	5.20	12.00	10.90	
Apex 20% Protein Dairy Feed	W. H. Brock and Co., Winchester	20.00	21.70	3.50	4.20	12.00	12.40	
Kasco Special 16% Protein Dairy Feed	McClure and Harper, Winchester	16.00	16.40	3.00	4.20	15.00	12.00	

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Kasco Mills, Toledo, Ohio—Cont. Kasco Special Brand" 17% Protein Pig and Hog Feed	Mt. Vernon Produce Co., Mt. Vernon	17.00	18.40	3.50	5.20	7.00	11.50	Very high in fiber, misbranded.
"Apex" 16% Protein Hog Feed	Porter and Parman, London	16.00	16.40	3.50	4.40	7.00	12.60	Very high in fiber, misbranded.
Keco Milling Co., McKenzie, Tenn. Keco 18% Protein Laying Mash	U-Tote-Em Grocery Co., Fulton	18.00	18.20	3.50	5.30	7.00	6.20	
Kentucky Chemical Industries, Inc., Cincinnati, O. "Provico Big V", 18% Protein Egg Mash Provico 18% Protein Sweet Dairy Feed	Johnny Rice, Oil Springs Union Grocery Co., Morehead	18.00	17.70	3.50	4.20	7.00	7.20	
Provico 18% Protein Sweet Dairy Feed	Neal's Square Deal Grocery Co., Carlisle	18.00	19.90	3.50	4.10	10.00	12.10	Very high in fiber.
16% Protein Dairy Feed	Sandy Valley Grocery, Paintsville		18.80		4.40		11.50	Not registered.
"Provico Brand" 16% Protein Pig and Hog Feed	Lexington Grocery Co., Lexington	16.00	13.70	3.50	4.30	7.00	9.10	Very low in protein, very high in fiber, misbranded.
Kentucky Cotton and Grain Company, Hickman, Ky. "Victory" 16% Protein Dairy Feed	Kentucky Cotton & Grain Co., Hickman	16.00	14.60	3.50	6.20	14.00	10.60	
Kittrell Grain and Feed Company, Nashville, Tenn. OK 16% Protein Dairy Feed	Black Diamond Coal Co., Drakesboro	16.00	20.30	3.50	2.90	15.00	13.00	

Kroger Grocery and Baking Company, Cincinnati, O. Kroger 17% Protein Starting and Growing Mash	17.00	15.70	3.50	4.80	7.00	5.30	
"Kroger's Wesco" 16% Protein Dairy Feed	16.00	16.70	3.50	5.60	12.00	12.90	
Lexington Roller Mills, Lexington, Ky. "Kentucky Queen" 20% Protein Double X Egg Mash	20.00	21.10	4.00	4.80	6.00	6.60	
Lewisburg Roller Mills, Lewisburg, Ky. "Mill Run" Mixed Feed	14.00	11.80	4.00	5.30	10.00	5.60	Very low in protein, misbranded.
Masco Milling Co., Metropolis, Ill. "Masco" 36% Protein Hog Supplement	36.00	32.00	4.50	4.60	7.00	7.90	Very low in protein, misbranded.
Mayfield Sweet Feed Mills, Mayfield, Ky. "State Leader" 18% Protein Hog Fattener	18.00	17.20	3.50	4.00	7.00	5.30	
Murphy Grain and Milling Company, Owensboro, Ky. "Airlite" Brand 23% Protein Pig and Hog Feed	23.00	22.60	3.50	7.40	7.00	7.10	
Myers and Clark, Ashland, Ky. "Ideal Brand" 16% Protein All Mash Starter and Grower	16.00	15.70	4.00	4.60	6.00	9.40	Very high in fiber, misbranded.
Myers and Clark, Ashland, Ky. "Ideal Brand" 16% Protein All Mash Starter and Grower	16.00	16.50	4.00	6.90	6.00	8.90	Very high in fiber, misbranded.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Myers & Clark, Ashland, Ky.—Cont. Ideal Brand 16% Protein Poultry Feed	Moore and Thompson Feed Co., Pikeville Johnston's Feed Store, Grayson	16.00	17.30	4.00	5.50	8.00	8.90	
"Ideal Brand" Scratch Feed		10.00	9.60	3.00	3.00	5.00	3.50	
"Ideal Brand" 20% Protein Dairy Feed	Moore and Thompson, Pikeville	20.00	19.80	4.00	6.20	11.00	10.20	
"Ideal Brand" 16½% Protein Dairy Feed	Myers and Clark, Ashland	16.50	17.00	4.50	6.50	14.00	12.00	
"Ideal Brand" 14% Protein Hog and Pig Feed	Myers and Clark, Ashland	14.00	14.40	3.50	5.50	7.00	9.00	Very high in fiber.
"Ideal Brand" 14% Protein Hog and Pig Feed	Burl Spurlock, West Prestonburg	14.00	14.70	3.50	4.50	7.00	8.90	Very high in fiber.
National Oats Co., E. St. Louis, Ill. Corno 17% Protein Growing Mash	E. T. Meadow Co., Scottsville	17.00	19.10	3.50	3.80	6.50	8.10	
Corno 17% Protein All Mash Laying Ration	Dairyman's Feed and Supply Co., Mayfield	17.00	17.60	4.00	4.00	7.00	8.80	Very high in fiber.
Northwest Distributing Company, Colby, Wis. "Northwest" 16% Protein Dairy Feed	W. H. Brock and Co., Maysville	16.00	16.90	3.50	5.30	12.00	12.10	Adulterated with about 90,800 unground weed seeds per 100#, misbranded.
"Northwest" 16% Protein Dairy Feed	W. H. Brock and Co., Maysville	16.00	16.70	3.50	5.40	12.00	10.60	Adulterated with about 90,800 unground weed seeds per 100#, misbranded.
Charles Nunn and Sons Milling Co., Evansville, Ind. "Nunn-Better Brand" 30% Protein Hog Supplement	Harralson Feed and Seed Co., Owensboro	30.00	32.30	5.00	4.80	8.00	8.40	

Ohio Valley Soybean Cooperative, Henderson, Ky. "Cardinal" 41% Protein Soybean Oil Meal	41.00	44.50	4.00	5.80	7.00	6.40
"Cardinal" 41% Protein Soybean Oil Meal	41.00	43.90	4.00	6.00	7.00	6.70
Owensboro Grain Company, Owensboro, Ky. "Greendale" 41% Protein Soybean Oil Meal	41.00	41.70	4.00	6.00	7.00	6.20
"Trutest" 17% Protein All- Purpose Poultry Mash	17.00	15.60	4.00	5.20	6.00	6.50
Pembroke Roller Mills, Pembroke, Ky. Mixed Feed	15.00	13.80	4.00	4.40	7.50	6.50
Pillsbury Mills, Clinton, Iowa "Pillsbury's Best Brand" 18% Protein Egg Feed	18.00	21.00	3.50	3.60	7.50	9.50
"Pillsbury's Best Brand" 20% Protein Breeder Feed	20.00	19.80	3.50	5.20	7.50	7.30
Provico Feeds and Concentrates, Cincinnati, O. "Provico" 20% Protein Starting and Growing Mash	20.00	20.10	3.50	4.10	7.00	6.10
"Provico" All-Mash Growing Mash	16.00	16.20	4.00	4.50	7.00	7.50
Purcell Seed Co., Evansville, Ind. Purcell's 20% Protein Pig and Sow Ration	20.00	23.80	3.50	4.10	7.00	6.80
The Quaker Oats Co., Chicago, Ill. "Full-O-Pep" 19% Protein Growing Mash	19.00	19.60	4.00	5.60	7.00	8.00

Very high in fiber.

Not registered.

Purina 14% Protein Chicken Fatena	Helmers Feed Store, Owensboro	14.00	14.90	4.00	4.80	6.00	7.10
Purina 18% Protein Broiler Chow	Paducah Hatchery, Paducah	18.00	22.80	3.50	4.80	6.00	8.10
"Protenna" Brand 16% Protein Dairy Feed	Gill and Jennings, Russellville	16.00	17.90	3.50	6.60	15.00	14.10
Purina 28% Protein Sow and Pig Chow Supplement	Dunville's Hatchery, Sebree	28.00	30.20	3.00	5.50	9.00	9.50
Purina 19½% Protein Calf Startena	Farmers Supply Co., Morganfield	19.50	19.90	2.50	4.30	9.50	10.00
Purina 21% Protein Dog Chow Kibbled Meal	Dunville's Hatchery, Sebree	21.00	25.20	4.00	8.40	6.00	4.90
Ross Feed Co., Murray, Ky. Mash	Ross Feed Co., Murray	20.00	18.30	4.00	3.70	8.00	5.20
"Standard Brand" 17% Protein Hog Fattener	Ross Feed Co., Murray	17.00	16.50	3.50	4.70	7.00	6.10
P. M. Rountree, Benton, Ky. Wheat Bran, Shorts and Screenings	P. M. Rountree, Benton	15.50	15.80	4.00	3.80	8.25	7.40
Salt Lick Roller Mills, Salt Lick, Ky. "Perfect Brand" X Mixed Feed	Salt Lick Roller Mills, Salt Lick	14.75	14.40	4.00	4.40	8.00	9.30
Schultz, Baujan and Company, Beardstown, Ill. Mash	Paducah Hatchery, Paducah	18.00	19.40	3.50	4.70	7.50	8.70
"Honest Brand" 18% Protein Egg "Critic Brand" 16% Protein Dairy Feed	Paducah Hatchery, Paducah	16.00	20.40	3.50	4.20	15.00	11.20
Security Mills, Incorporated, Knoxville, Tenn. Mash	Hackney-Jellico Co., Middlesboro	16.00	19.10	3.50	5.80	10.00	8.40
"Security Brand" 16% Protein Dairy Feed	Hackney-Jellico Co., Middlesboro	16.00	16.70	3.50	5.10	10.00	9.00

Very high in fiber, misbranded.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Shellabarger Mills, Salina, Kan. Emergency Wheat Feed and Screenings	Robinson Milling Co., Somerset	15.50	16.20	4.00	4.60	10.50	10.40	
Woodford Spears and Sons, Paris, Ky. "Bourbon" Horse and Mule Feed	D. C. Lykins General Mdse., Clay City	9.50	9.40	3.50	3.90	8.00	5.30	
Staley Milling Co., Kansas City, Mo. Four Bell 15% Protein All-Mash Grower	Murray Hatchery, Murray	15.00	15.30	4.00	4.20	6.00	5.70	
"Four Bells" 15% Protein Eggs All-Mash	Princeton Mills, Princeton	15.00	16.10	4.00	3.60	7.00	6.80	
Star Roller Mills, Cloverport, Ky. Star 18% Protein All-Purpose Mash	Star Roller Mills, Cloverport	18.00	17.80	3.50	4.50	6.00	6.80	
Sun-Ray Feed Mills, Lexington, Ky. "Sun-Ray" 18% Protein Starting and Growing All Mash	Ravenna Grocery Co., Ravenna	18.00	18.20	4.00	4.10	5.00	5.90	
"Booster" 13% Protein Mixed Feed	Burnside Milling Co., Burnside	13.00	11.90	3.00	3.40	8.00	9.60	Adulterated with about 136,200 unground weed seeds per 100#, mis- branded.
Sun-Ray Feed Mills, Bowling Green, Ky. "Sun Ray" 24% Protein Dairy Feed	Cloverport Roller Mills, Cloverport	24.00	23.00	4.00	5.40	8.00	8.80	
"Sun Ray" 24% Protein Dairy Feed	Rufus Bybee, Edmonton	24.00	23.30	4.00	5.50	8.00	8.30	
Supreme Feed Mill, Glasgow, Ky. "Supreme Brand" 18% Protein Starter and Grower	Supreme Feed Mill, Glasgow	18.00	19.40	3.50	4.50	6.00	7.30	
"Supreme Brand" 18% Protein Starter and Grower	Bell Grocery Co., Baxter	18.00	18.20	3.50	4.80	6.00	8.00	Very high in fiber.
"Supreme Brand" 18% Protein Laying Mash	Supreme Feed Mill, Glasgow	18.00	20.10	3.50	4.40	7.00	5.80	

☞ "Supreme Brand" 18% Protein Laying Mash	Owens Brothers, Russell Springs	18.00	18.30	3.50	3.90	7.00	7.90	☞
☞ "Premo Brand" 20% Protein Dairy Feed	Bell Grocery Co., Baxter	20.00	17.30	3.50	4.40	10.00	7.10	☞ Very low in protein, misbranded.
☞ "Premo Brand" 20% Protein Dairy Feed	Owens Brothers, Russell Springs	20.00	17.50	3.50	4.40	10.00	9.10	☞ Very low in protein, misbranded.
☞ "Premo Brand" 16% Protein Dairy Feed	Somerset Produce Co., Somerset	16.00	15.70	3.50	2.80	15.00	10.80	☞
☞ "Supreme Brand" 15% Protein Hog Fattening Feed	E. G. Hayes Service Station, Hodgenville	15.00	15.20	3.50	3.40	6.00	7.60	☞
"Supreme Brand" Horse and Mule Feed	J. W. Neal, Corbin	9.00	9.20	3.50	3.10	12.00	7.10	
Sweet Feeds, Hopkinsville, Ky.	Sweet Feeds, Hopkinsville	16.00	16.60	4.50	4.10	5.00	7.00	☞ Very high in fiber.
☞ "16% Protein All-Mash"	Sweet Feeds, Hopkinsville	16.00	16.40	3.50	3.70	15.00	17.30	☞ Very high in fiber, misbranded.
☞ "Sweet Mix" 16% Protein Dairy Feed	The Auburn Mills, Auburn	24.00	12.30	4.00	3.60	12.00	12.30	☞ Very low in protein, adulterated with alfalfa stem meal, misbranded.
☞ "Ace Brand" 24% Protein Dairy Feed	Shelby Feed and Seed Co., Shelbyville	24.00	12.70	4.00	3.80	12.00	12.00	☞ Very low in protein, misbranded.
☞ "Ace" 24% Protein Dairy Feed	S. E. Hamilton, Glasgow	24.00	18.20	4.00	4.40	12.00	10.50	☞ Very low in protein, misbranded.
"Ace" 24% Protein Dairy Feed	Paris Produce, Scottsville	24.00	24.10	4.00	4.70	12.00	9.20	
"Ace Brand" 24% Protein Dairy Feed	Richard Brothers, Russell Springs	24.00	24.40	4.00	4.50	12.00	9.90	
"Ace Brand" 24% Protein Dairy Feed	McWhorter and Thrasher, Albany	24.00	24.90	4.00	4.70	12.00	10.00	
"Ace Brand" 24% Protein Dairy Feed	Martin Wholesale Grocery Co., Manchester	24.00	24.90	4.00	4.40	12.00	10.50	

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Sweet Feed Mills, Bowling Green, Ky.—Cont.								
“Ace Brand” 20% Protein Dairy Feed	The Auburn Mills, Auburn, Shelby Feed and Seed Co., Shelbyville	20.00	19.40	3.50	4.10	12.00	9.70	
“Ace” 16% Protein Dairy Feed		16.00	13.10	3.50	3.50	12.00	11.90	Very low in protein, mis-branded.
“Ace” 16% Protein Dairy Feed	The Auburn Mills, Auburn, Paris Produce, Scottsville	16.00	18.10	3.50	3.80	12.00	11.70	
“Ace” 16% Protein Dairy Feed	Richard Brothers, Russell Springs	16.00	17.00	3.50	3.90	12.00	11.00	
“Ace” 16% Protein Dairy Feed	Powell Hackney Grocery Co., Jackson	16.00	18.00	3.50	3.40	12.00	10.50	
Ace Horse and Mule Feed	The Auburn Mills, Auburn	9.00	10.40	2.50	3.80	15.00	13.10	
“Vim Brand” Horse and Mule Feed		10.00	11.10	2.50	3.80	15.00	13.30	
Swift and Company, Chicago, Ill. Swift’s 55% Protein Digester Tankage	Calhoun Sweet Feed Co., Calhoun	55.00	56.40	5.00	12.90	3.00	1.90	
Thomson’s Mill, Madisonville, Ky. “AP” 16% Protein All-Purpose Poultry Mash	Cash Feed Store, Madisonville	16.00	15.40	3.50	3.70	5.00	10.00	Very high in fiber, mis-branded.
“AP” 16% Protein All-Purpose Poultry Mash	West Kentucky Coal Co., Earlington	16.00	15.80	3.50	4.60	5.00	7.30	Very high in fiber, mis-branded.
Thomson’s 16% Protein Special Dairy Feed	Cash Feed Store, Madisonville	16.00	21.60	3.50	4.50	15.00	12.10	
“Eighty-Five” Horse and Mule Feed	Black Diamond Coal Co., Drakesboro	10.00	10.40	3.20	3.20	10.00	7.90	
Tilford and Walters, Metropolis, Ill. “Masco” 19% Protein Laying Mash	Birmingham Milling Co., Benton	19.00	18.30	4.00	3.60	6.00	8.10	
“Masco” 20% Protein Pig and Sow Feed	Earl Ward, Paducah	20.00	19.70	3.50	3.10	7.00	6.70	

The Ubiko Milling Co., Cincinnati, O. "Life Guard" 20% Protein Egg and Breeder Mash	20.00	18.80	4.00	5.10	6.00	7.70	
"Union Grains Life Guard Brand" 18% Protein Dairy Ration	18.00	18.70	4.00	3.80	10.00	12.30	High in fiber, mis-branded.
Warren County Mill, Bowling Green, Ky. "Economy 16% Protein Dairy Feed	16.00	15.30	4.00	6.40	12.00	9.70	
West Ninth Street Mill, Owensboro, Ky. "Quality Brand", 15% Protein Pig and Hog Ration	15.00	14.00	4.00	4.70	4.50	7.90	Very high in fiber, mis-branded
"Quality Brand" 9½% Protein Horse Feed	9.50	9.40	4.00	4.60	8.00	6.00	
Wiedlocher and Sons, Springfield, Ill. "Faultless Brand" 20% Protein Starting Mash	20.00	19.50	4.00	4.20	6.00	7.30	
"Faultless Brand" 20% Protein Dairy Feed	20.00	20.20	3.50	3.90	10.00	6.70	
Winchester Milling Company, Winchester, Ky. "Perfection Brand" Feed	14.00	10.60	4.00	6.40	10.00	5.50	Very low in protein, mis-branded.
Winn and Tobin Milling Company, Marion, Ky. "Daisy" 17% Protein Starter and Grower	17.00	17.10	3.50	4.50	6.00	5.30	
"Daisy" 17% Protein Starter and Grower	17.00	16.70	3.50	4.70	6.00	6.40	

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Winn and Tobin Milling Company, Marion, Ky.—Cont. "Daisy" 18% Protein Laying Mash	Winn and Tobin Milling Co., Marion	18.00	18.60	3.50	4.70	6.00	4.80	
"Daisy" 18% Protein Laying Mash	Winn and Tobin Milling Co., Leitchfield	18.00	19.30	3.50	4.30	6.00	7.20	
Woolcott Milling Co., Harrisburg, Ill. "Red Wing" 18% Protein Laying Mash	Summers Produce Co., Bardwell	18.00	17.10	3.50	4.00	8.00	5.90	