

Quarterly Report
ON
Official Feed Samples Analyzed

by the

FEEED AND FERTILIZER DEPARTMENT

in July, August, and September, 1947



Kentucky Agricultural Experiment Station
University of Kentucky
Lexington

REPORT OF OFFICIAL FEED SAMPLES ANALYZED

July, August and September, 1947

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.	Find.	Guar.	Find.	Guar.	Find.	
Acme-Evans Co., Indianapolis, Ind. Acme 17% Protein Starting and Growing Mash	McClure & Harper, Mt. Sterling	17.00	17.60	3.50	4.00	7.00	5.90	
Acme Special 18% Protein Egg Mash	E. S. Ferrill & Son, Buffalo	18.00	19.70	3.50	3.60	8.00	6.20	
Acme 16% Protein Dairy Feed	E. S. Ferrill & Son, Buffalo	16.00	18.80	3.50	3.80	15.00	6.30	
Acme 24% Protein Dairy Feed	A & P Tea Co., Whitesburg	24.00	25.50	3.50	3.90	10.00	9.20	
Acme 85% Grain Horse and Mule Feed	Blair Wholesale Co., West Liberty	9.00	10.80	2.50	4.60	10.00	6.60	
Acme Wheat Feed and Screenings	J. H. Redders & Son, Covington	15.00	15.80	4.00	4.50	8.50	9.00	
H. T. Adams & Co., Harrodsburg, Ky. Old Fort 18% Protein Egg Mash	H. T. Adams & Co., Harrodsburg	18.00	14.80	3.50	6.00	7.50	5.00	Very low in protein. Misbranded.
Hopper Stock Feed	H. T. Adams & Co., Harrodsburg	11.50	14.50	2.25	5.80	12.50	4.90	
Allied Mills, Inc., Chicago, Ill. Wayne 20% Protein Chick Starter	Dodd's Corner, Nicholasville	20.00	20.60	3.50	5.40	6.00	6.50	

Wayne 18% Protein Growing Mash	Bennett & Dowling, Burgin	18.00	19.10	3.50	4.40	7.00	7.50
Wayne 19% Protein Broiler Ration	Dodd's Corner, Nicholasville	19.00	18.70	3.50	4.70	7.00	7.50
Sugarine 16% Protein Dairy Feed	W. S. Allen, Liberty	16.00	18.90	3.50	4.30	15.00	12.70
Sugarine 16% Protein Dairy Feed	Frank Ballard, Springfield	16.00	18.30	3.50	4.40	15.00	10.50
Always-A-Head Mills, E. St. Louis, Ill.							
Do-Mor 16% Protein Dairy Feed	Edwin C. Hawkins, Paducah	16.00	19.90	3.50	4.60	15.00	10.00
Do-Mor 16% Protein Dairy Feed	Iuka Supply Co., Iuka	16.00	17.20	3.50	4.40	15.00	9.20
Anderson & Spilman, Danville, Ky.							
Snow Flake Feed	Anderson & Spilman, Danville	12.60	12.30	3.65	5.30	8.00	9.50 High in fiber.
Arcady Farms Milling Co., Chicago, Ill.							
Arcady 16% Protein Dairy Feed	Berea Bargain Store, Berea	16.00	17.60	3.50	4.60	13.50	12.00
Arcady 17% Protein Growing Mash	Farmers Feed & Supply Co., London	17.00	16.90	3.50	4.60	7.00	8.60 High in fiber.
Arcady 24% Protein Turkey Starting Mash	Robinson & Turley, Richmond	24.00	23.60	4.00	5.30	6.00	7.20 High in fiber.
Arcady Booster 20% Protein Hog Feed	Coomer's Feed Store Columbia	20.00	22.30	4.00	6.20	7.00	9.10 High in fiber. Mis-branded.
Wonderfat 14% Protein Station Feed	G. H. Bowles & Son, Glasgow	14.00	14.30	4.50	6.20	7.00	4.00
Clipped Oat Byproduct, Cottonseed Meal, Cane Molasses	Morris Bros., Somerset	9.00	12.70	1.50	4.30	12.00	10.60
Sunkist 18% Protein Chick Starter	Jim Ryles, Junction City	18.00	18.60	3.50	4.90	6.00	9.60 Very high in fiber. Mis-branded.
Arcady 20% Protein Laying Mash	Auburn Roller Mills, Auburn	20.00	20.20	3.50	5.00	8.00	7.60
Aubrey & Co., Louisville, Ky.							
Red A 25% Protein Turkey Starting Mash	Bedford & Tuttle, Winchester	25.00	24.20	4.00	4.90	6.00	7.20
Red A 20% Protein Laying Mash	Allen & Jenkins, Bowling Green	20.00	21.60	4.00	4.50	8.00	7.20

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Aubrey & Co., Louisville, Ky.—Cont.								
Red A Poultry Scratch Feed	J. Leonard Stamper, Grassy Creek	9.00	10.00	3.00	2.70	5.00	2.40	
Soft Wheat Mixed Feed	B. C. Norris, McKinny	16.00	15.60	4.50	4.10	8.50	6.70	
Wheat Bran	M. T. Williams Produce, Russell Springs	15.00	14.50	3.75	4.00	10.00	11.10	
Red A Farm Feed and Screenings	Bullock & Bullock, Mt. Vernon	16.00	16.90	4.50	4.70	8.50	8.30	
The Auburn Mills, Auburn, Ky.								
Mixed Feed	Sam Nahm & Co., Bowling Green	14.40	14.10	4.50	4.20	7.50	7.00	
Ballard & Ballard Co., Louisville, Ky.								
Insurance 18% Protein Growing Mash	Farmers Supply Co., Harrodsburg	18.00	19.10	3.50	5.40	7.00	7.20	
Insurance 18% Protein Growing Mash	Harned & Welsh, Boston	18.00	19.30	3.50	5.70	7.00	6.00	
Guardian 24% Protein Sweet Dairy Feed	J. W. Collins, Ison	24.00	24.90	3.50	4.00	12.00	10.60	
Guardian 20% Protein Sweet Dairy Feed	N. S. Dudley & Son, Flemingsburg	20.00	23.70	3.50	5.50	12.00	11.80	
Guardian 16% Protein Sweet Dairy Feed	Richardson's Grocery, Morehead	16.00	18.10	3.50	5.00	15.00	12.80	
Guardian 16% Protein Sweet Dairy Feed	Brumfield Feed Co., Lexington	16.00	18.20	3.50	4.40	15.00	14.30	
No. 2 Insurance 18% Protein Pig and Sow Ration	Wyndall's Feed & Hardware Store, Owensboro	18.00	20.80	3.50	4.50	7.00	8.00	
Insurance 14% Protein Hog Fattener	Hardy-Burlington Coal Co., Hardburly	14.00	16.00	3.50	3.90	7.00	7.10	Ground screenings (weed seeds, hulls, stems, etc.) substituted for grain screening.
Ballards Wheat Mixed Feed and Screenings	C. M. Langdon, Science Hill	15.50	15.00	4.00	4.30	8.50	7.80	

QUARTERLY REPORT ON FEED SAMPLES

Ballards Wheat Bran	Webb & Francisco, Livingston	14.50	13.70	3.75	4.40	10.00	10.20
Guardian Scratch Grains	F. Simon, Neon	9.00	8.50	3.00	2.90	4.00	2.80
Baltic Mills Co., Vincennes, Ind. Knox County Hominy Feed	Farmers Cash Store, Liberty	10.00	10.20	7.00	9.00	6.00	3.70
Baughman Milling Co., Stanford Ky. Banner 16% Protein Dairy Feed	Pineville Wholesale Grocery Co., Pineville	16.00	17.80	3.50	4.30	10.00	8.60
Beaver Dam Milling Co., Beaver Dam, Ky. Eureka 20% Protein Laying Mash	Harlan's Feed Store, Bowling Green	20.00	20.70	4.00	4.80	7.00	5.20
Eureka 24% Protein Dairy Feed	Beaver Dam Milling Co., Beaver Dam	24.00	25.50	5.50	2.90	10.50	6.10
Eureka 90% Grain Horse and Mule Feed	J. L. Wilson General Mdse., Canmer	9.50	9.90	3.50	4.30	12.00	5.80
The Big Four Mills, Ltd., Covington, Ky. Big Four 32% Protein Dairy Supplement	Berryman Coal & Feed Co., Winchester	32.00	29.60	4.50	5.20	9.00	6.60
Hi-Lo 24% Protein Dairy Feed	Craft Wholesale Groc., Manchester	24.00	24.60	3.50	4.70	15.00	13.00
OK 16% Protein Dairy Feed	M. T. Williams Produce, Russell Springs	16.00	18.60	3.50	5.10	15.00	14.70
Big Four 19% Protein Pig and Hog Feed	Berryman Coal & Feed Winchester	19.00	22.50	5.00	4.40	7.00	7.40

Very low in fat. Mis-branded.

Very low in protein. Mis-branded.

Adulterated with about 45,400 unground weed seeds per 100 lbs. Mis-branded.

Adulterated with about 32,800 unground weed seeds per 100 lbs. Mis-branded.

Adulterated with about 25,000 unground weed seeds per 100 lbs. Mis-branded.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Bill & Guy Milling Co., Faubush, Ky. Wheat Mixed Feed	Bill & Guy Milling Co., Faubush	15.50	14.20	4.00	3.50	8.50	5.40	
	Screened Cracked Corn	8.00	7.50	3.50	3.60	3.00	2.00	
The Blair Milling Co., Atchison, Kansas Soft Wheat Grey Shorts and Screenings	Southern States Hazard Co-Operative, Hazard	16.00	15.00	4.00	3.90	6.00	6.40	
	Broadway Roller Mills, Bowling Green, Ky.	14.15	14.60	4.80	4.50	9.20	5.50	
Browder Milling Co., Fulton, Ky. Biddies Choice 18% Protein Laying Mash	Browder Milling Co., Fulton	18.00	20.90	3.75	4.60	7.50	7.80	
	Hog's Delight Sweet Feed	15.00	14.40	3.75	4.10	7.00	5.40	
Bryant's Mill, Caneyville, Ky. Kentucky Farm 20% Protein Dairy Feed	Bryant's Mill, Caneyville	20.00	15.60	4.00	4.30	12.00	11.50	Very low in protein. Adulterated with oat hull feed. Misbranded.
	Wheat Mixed Feed	15.50	14.40	4.00	5.40	8.50	7.40	Adulterated with hominy feed and wheat screen- ings.
The Buckeye Cotton Oil Co., Cincinnati, Ohio Buckeye 44% Protein Solvent Process Soybean Oil Meal	Meade Farmers Supply, Brandenburg	44.00	44.00	0.50	0.85	7.80	7.50	

Buhner & Co., Inc., Louisville, Ky. Buhner's Special 16% Protein Dairy Feed	Rizer Bros., Bardstown	16.00	16.90	3.50	5.20	15.00	15.20	Adulterated with flax plant byproduct. Misbranded.
Buhner's Happy Farmer 40% Protein Hog Supplement	Rizer Bros., Bardstown	40.00	39.30	3.50	5.80	7.00	5.20	
Bundy Bros. Mill Co., Medora, Ind. 19% Protein Pig and Shroat Feed	D. G. Hayes Garage, Hodgenville	19.00	20.20	4.00	5.20	6.50	5.60	
Burnside Milling Co., Burnside, Ky. Mixed Feed	Burnside Milling Co., Burnside	15.00	12.70	4.00	6.20	7.00	6.30	Very low in protein.
Cadick Milling Co., Grandview, Ind. Cadick's Gold Dust 16% Protein Diary Feed	C. C. Hdwe. Seed & Feed Co., Hartford	16.00	16.60	4.00	4.90	6.00	6.10	
Campbell's Feed Co., Lexington, Ky. Anchor 16% Protein Dairy Feed	W. C. Carman, Liberty	16.00	17.00	3.50	5.20	15.00	16.30	Adulterated with screenings refuse. Adulterated with about 200.00 unground weed seeds per 100 lbs. Misbranded.
Campbell's Mill, Kevil, Ky. Campbell's 18% Protein Laying Mash	Campbell's Mill, Kevil	18.00	18.80	3.50	5.50	7.50	7.40	
Cargill, Inc., Minneapolis, Minn. Expeller 41% Protein Soybean Oil Meal	Gill & Jennings, Russellville	41.00	42.20	4.00	5.10	7.00	5.90	
Carnation Co., Milwaukee, Wis. Friskies 24% Protein Dog Feed	Wyndall's Feed & Hdwe. Store, Owensboro	24.00	28.20	4.50	6.10	4.00	3.50	
Champion Stores, Inc., Pittsburgh, Pa. C S 10% Protein All-Purpose Stock Feed	Champion Stores, No. 77, McRoberts	10.00	9.70	3.00	3.45	12.00	11.15	

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Citizens Milling Co., Somerset, Ky. Citizens 20% Protein Mixed Feed	Manchester Groc., Manchester	20.00	19.70	4.50	4.20	15.00	8.40	
Citizens 13% Protein Stock Feed	Citizens Milling Co., Somerset	13.00	12.50	3.25	4.30	8.00	6.30	Adulterated with oat hull feed.
Claypool Feed Co., Marshall, Ill. Claypools 60% Protein Tankage	Anglo Sweet Feed Mill, Owensboro	60.00	46.30	6.00	11.70	3.00	2.00	Very low in protein. Adulterated with soybean oil meal and ground limestone. Misbranded.
Meat and Bone Meal	Anglo Sweet Feed Mill, Owensboro	50.00	47.90	6.00	11.20	8.00	5.60	Very low in protein. Adulterated with ground limestone. Misbranded. Not registered.
Clifty Falls Mills, Inc., Madison, Ind. Clifty Falls 20% Protein Dairy Feed	Central Grocery, Morehead	20.00	20.00	3.50	3.50	11.00	9.20	
Clifty Falls 16% Protein Dairy Feed	W. E. Gaddie, Taylorsville	16.00	19.70	3.50	4.40	12.00	5.80	
Clifty Falls Stock Feed	Central Grocery, Morehead	12.00	14.10	4.50	5.00	7.00	9.55	Very high in fiber. Misbranded.
Clifty Falls 14% Protein Pasture Feed	J. W. Settle Feed Store, Frankfort	14.00	15.00	3.50	3.80	12.00	9.50	
Clinton, Hatchery, Clinton, Ky. New Deal 18% Protein Starter and Grower Mash	Clinton Hatchery, Clinton	18.00	18.30	4.00	4.50	6.00	6.00	
Clinton Milling Co., Clinton, Ky. Tennessee Special 16% Protein Dairy Feed	Clinton Milling Co., Clinton	16.00	15.20	3.50	3.50	13.00	7.80	
Clell Coleman & Sons, Burgin, Ky. Big Blue Stock Feed	Clell Coleman & Sons, Burgin	16.50	16.10	4.00	4.20	8.00	5.60	

Columbus Milling Co., Columbus, Ind.	Clell Coleman & Sons,	9.50	9.10	3.00	3.60	4.00	2.30
Scratch Feed	Burgin						
Community Mills, Irvington, Ky.	Community Mills, Irvington	17.00	17.60	3.50	5.40	6.00	6.10
Our Pride 17% Protein Starter and Growing Mash							
Our Pride 18% Protein Laying Mash	Community Mills, Irvington	18.00	18.50	3.50	5.20	7.00	7.20
Soft Wheat Mixed Feed	Garfield Mdse., Garfield	15.50	12.20	4.00	3.40	8.50	4.40
							Very low in protein. Mis-branded.
Cooperative Mills, Inc., Cincinnati, Ohio	Owingsville Farmers Supply, Owingsville	17.50	18.30	3.50	4.20	8.00	7.40
17% Protein Growing Mash							
20% Protein Starting and Growing Mash	Meade Farmers Supply, Brandenburg	20.00	21.50	3.50	4.00	7.00	6.60
15% Protein All Mash Laying Ration	Womack Bros. Farm Supply, Grayson	15.00	15.50	4.00	4.20	7.00	6.50
24% Protein Dairy Feed	Southern States Co-Op., Tompkinsville	24.00	25.30	3.50	4.40	12.00	12.10
Milk Maker 24% Protein Dairy Feed	Whitesburg Farm Service, Whitesburg	24.00	25.20	4.00	5.40	10.00	7.10
13% Protein Stock Fitting Ration	Graves County Soil Assn., Mayfield	13.00	15.10	3.50	4.50	10.00	7.50
12% Protein Dry and Freshening Ration	Farmers Supply Co., Paintsville	12.00	14.90	3.50	3.80	13.50	7.20
24% Protein Dog Feed	Calloway Co. Soil Improvement Assn., Murray	24.00	25.10	4.00	5.20	5.00	3.90
24% Protein Dog Feed	Southern States Carlisle Co-Op., Carlisle	24.00	24.70	4.00	4.80	5.00	3.70
Wheat Brown Middlings	Farmers Supply Co., Monticello	16.00	15.50	4.00	5.00	7.50	7.90
Wheat Bran	Calloway Co. Soil Improvement Assn., Murray	14.50	16.60	3.75	4.50	10.00	8.80
41% Protein Cottonseed Meal	Southern States Somersset Coop., Somersset	41.00	39.40	5.00	6.70	12.00	9.80
George Couch & Sons, New Harmony, Ind.	Feed Clayton Bros., Dixon	24.00	24.10	4.00	4.40	11.00	8.00
Harmony 24% Protein Dairy Feed	Beckham Garland, Brimble	24.00	24.50	4.00	4.20	11.00	6.90
Harmony 24% Protein Dairy Feed							

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Crescent Roller Mills, Taylorsville, Ky. Crescent 18% Protein Laying Mash	Crescent Roller Mills, Taylorsville	18.00	17.50	4.00	4.40	7.00	6.00	
Danville Hardware & Supply Co., Danville, Ky. Danville Hardware & Supply Co. 16% Protein Dairy Feed	Danville Hdwe. & Supply Co., Danville	16.00	15.10	3.50	3.60	12.00	11.30	EA
13% Protein Hog Feed	Danville Hdwe. & Supply Co., Danville	13.00	12.50	3.50	3.20	5.00	3.90	
Dixie Mills Co., E. St. Louis, Ill. Dixie 16% Protein Dairy Feed	A. C. Butts & Son, Fulton	16.00	19.50	3.50	5.10	14.00	9.40	
Dixie 15% Protein Hog Fattener	Jackson Feed Store, Arlington	15.00	16.20	4.00	4.60	7.00	7.20	
Dixie Power Grain Horse and Mule Feed	Home Fruit Co., Harlan	10.00	9.60	3.00	4.60	10.00	7.30	
Duncan & Theiss, LaGrange, Ky. Dairy Maid 16% Protein Dairy Feed	Duncan & Theiss, LaGrange	16.00	16.80	4.50	6.30	9.00	9.00	
Dunlap Milling Co., Inc., Clarksville, Tenn. Purple Top Horse and Mule Feed	Farmers Supply Co., Glasgow	9.00	8.70	2.50	4.80	15.00	14.30	
The Early & Daniel Co., Cincinnati, Ohio Tuxedo 17½% Protein Starting and Growing All-Mash	Geo. P. Taylor, Burnside	17.50	20.00	4.00	4.50	5.00	6.30	EA
Tuxedo 20% Protein Turkey Growing and Developing Mash	W. H. Brock & Co., Winchester	20.00	24.10	3.50	3.20	6.00	5.40	

Tuxedo Special 20% Protein Egg Mash	Paris Produce Co., Scottsville	20.00	22.60	3.50	3.60	8.00	8.40
Tuxedo Special 24% Protein Dairy Feed	Ray Johnston, Grayson	24.00	24.40	3.50	3.90	12.00	9.80
Tuxedo Special 16% Protein Dairy Feed	W. C. Dulin Feed Store, Taylorsville	16.00	16.90	3.50	5.40	14.00	12.00
Tuxedo Special 16% Protein Dairy Feed	Mt. Vernon Produce Co., Mt. Vernon	16.00	18.00	3.50	4.20	14.00	12.40
Tuxedo Big Forty 40% Protein Hog Supplement	Paris Produce Co., Scottsville	40.00	38.60	3.50	4.00	7.00	6.30 EA
Tuxedo 19% Protein Hog Ration	Home Grocery, Jackson	19.00	21.30	3.50	3.80	7.00	9.40 EA
Tuxedo 14% Protein Pig Meal	Early & Daniel Co., Ashland	14.00	15.90	3.50	5.30	7.00	7.80 EA
Tuxedo Chop	Silas Gayheart, Dwarf	9.50	11.50	3.00	4.80	9.00	7.60
John W. Eshelman & Sons, Lancaster, Pa.							
Eshelman Red Rose 17% Protein Starter and Grower	Central Grocery, Prestonsburg	17.00	16.10	3.50	4.15	7.00	7.05 EA
Eshelman Red Rose 20% Protein Laying Mash	Belfry Grocery, Belfry	20.00	19.50	3.50	4.20	7.50	6.80
Eshelman Red Rose 18% Protein Pig and Hog Meal	Wurt Chinn, Wurtland	18.00	20.00	3.50	4.40	7.00	8.70 EA
Eshelman Wheat Bran with Screenings	G. W. Bowling & Sons, Cattlettsburg	14.50	16.50	3.75	3.70	10.00	8.90
Ewing Mill Co., Ewing, Ind.							
Robertson's 17% Protein Starting and Growing Mash	W. E. Gaddie, Taylorsville	17.00	17.50	3.50	3.90	7.00	4.80
Robertson's 18% Protein Pig and Sow Feed	Powell's General Store, Brandenburg	18.00	19.30	3.50	4.10	7.00	5.80
Robertson's Wheat Mixed Feed and Screenings	Farmers Service Store, Hardinsburg	15.50	14.80	4.00	3.70	8.50	6.60 EA
Exchange Milling Co., Sturgis, Ky.							
Smith's Special 17% Protein Starter Mash	Exchange Milling Co., Sturgis	17.00	13.60	3.50	4.90	5.00	4.70 EA

Very high in fiber. Mis-branded.

Very low in protein. Mis-branded.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Exchange Milling Co., Sturgis, Ky. —Continued								
Smith's Special 16% Protein All-Purpose Poultry Mash	Exchange Milling Co., Sturgis	16.00	13.00	4.00	5.30	6.00	4.80	Very low in protein. Misbranded.
Smith's Special 16% Protein Dairy Feed	Exchange Milling Co., Sturgis	16.00	12.80	3.50	4.20	13.00	9.60	Very low in protein. Adulterated and misbranded.
Smith's Special Chicken Feed	Greshams Hdwe. Co., Eddyville	9.75	7.90	4.00	3.90	3.50	2.30	
Farmers Feed Store, Lexington, Ky. Farmers Best 20% Protein Starting and Growing Mash	Farmers Feed Store, Lexington	20.00	21.20	4.50	5.90	7.00	7.10	
Farmers Best 20% Protein Laying Mash	Farmers Feed Store, Lexington	20.00	20.00	3.50	6.30	7.00	7.30	
Farmers Best 20% Protein Laying Mash	Moore & Thompson, Pikeville	20.00	22.30	3.50	5.80	7.00	7.50	
Farmers Best 34% Protein Dairy Supplement	Leatherwood Whise., Cornettsville	34.00	34.40	5.00	6.30	10.50	9.20	
Farmers Best 24% Protein Dairy Feed	Farmers Feed Store, Lexington	24.00	24.30	4.50	6.90	11.00	10.90	
Farmers Best 20% Protein Dairy Feed	Moore & Thompson, Pikeville	20.00	20.80	5.00	7.07	15.00	10.80	
Farmers Best 16% Protein Dairy Feed	Farmers Feed Store, Lexington	16.00	15.80	5.00	5.60	15.00	12.00	
Farmers Special 18% Protein Hog Feed	Farmers Feed Store, Lexington	18.00	17.40	4.00	5.80	7.00	7.90	
Farmers Milling Co., Somerset, Ky. Farmers Stock Feed	Lawson's Self Service, Whitley City	12.25	12.10	3.25	3.20	8.00	11.00	Very high in fiber. Adulterated and misbranded.

Farmers Tankage Co., Henderson, Ky.	Farmers Tankage Co., Henderson	47.00	47.50	9.00	9.20	3.00	2.10	
Ferncliff Feed & Grain Co., Louisville, Ky.								
P.D.Q. 17% Protein Starting and Growing Mash	Leslie Co. Grocery, Hyden	17.00	18.10	4.00	5.80	6.00	6.40	
Cracker Jack 24% Protein Sweet Dairy Ration	Jellico Grocery, Harlan	24.00	23.70	4.00	4.30	8.00	6.00	
P.D.Q. 16% Protein Dairy Feed	Pineville Whise. Groc. Co., Pineville	16.00	20.20	3.50	3.70	15.00	13.80	
Cracker Jack Horse and Mule Feed	Mayflower Mills, E. Jenkins	10.00	10.00	3.00	4.70	6.00	5.90	
Cracker Jack Horse and Mule Feed	Benson Valley Mfg. Co., Frankfort	10.00	10.30	3.00	5.20	6.00	6.30	
Flambeau Milling Co., Phillips, Wis.								
Flambeo 20% Protein Dairy Feed	Greenup Milling Co., Greenup	20.00	20.30	3.50	5.65	11.00	11.80	Adulterated with screen- ings refuse. Misbranded.
Flambeo 16% Protein Southland Dairy Feed	J. R. Waller, Paducah	16.00	19.50	3.50	5.80	13.00	13.10	Adulterated with screen- ings refuse. Misbranded.
Flambeo 16% Protein Dairy Feed	Edwin C. Hawkins, Paducah	16.00	15.80	3.50	5.80	13.00	12.80	Adulterated with screen- ings refuse. Adulterated with about 136,000 un- ground weed seeds per 100 lbs. Misbranded.
Flambeau 16% Protein Dairy Feed Floyd Lawson, Means	Monarch Milling Co., Mt. Sterling	16.00	15.50	3.50	5.40	13.00	14.70	
Flambeo Southland 16% Protein Sow and Pig Meal		16.00	17.50	4.00	5.30	7.00	8.00	
Fonthill Milling Co., Fonthill, Ky.								
Fonthill's Best Wheat Mixed Feed	Fonthill Milling Co., Fonthill	15.50	14.40	4.00	4.10	8.50	6.30	
Henry Fruachtenicht, Louisville, Ky.								
Blue Grass 24% Protein Dairy Feed	Laurel Grocery, E. Bernstadt	24.00	22.70	4.00	3.50	12.00	6.80	

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Henry Fruechtenicht, Louisville, Ky. —Continued Blue Grass 24% Protein Dairy Feed	Bale Hdwe. & Implement Co., Horse Cave	24.00	23.50	4.00	3.70	12.00	7.60	
Producer 16% Protein Dairy Feed	Bale Hdwe. & Implement Co., Horse Cave	16.00	17.40	3.50	4.00	15.00	10.90	
Garden Street Mill & Elevator, Louisville, Ky. Garden 16½% Protein Dairy Feed	Sewell & Co., Waterview	16.50	14.80	3.50	4.50	15.00	10.00	EA
Garrard Mills, Lancaster, Ky. Glen Lily Mixed Feed	Garrard Mills, Lancaster	12.50	11.80	3.50	5.10	6.00	6.80	EA
Glen Lily Mixed Feed	Mountain Whlse. Groc., Lothair	12.50	11.20	3.50	3.60	6.00	4.90	EA
General Mills, Inc., Minneapolis, Minn. Larro 18% Protein Broiler Feed	Champion Stores, Jenkins	18.00	19.60	3.50	3.80	7.00	7.30	
Larro 20% Protein Poultry Breeder Mash	Salyersville Whlse., Co., Salyersville	20.00	21.20	3.50	4.80	8.00	8.40	
Washburn's Gold Medal Adrian Hard Wheat Reddog	Myers & Clark, Ashland	16.00	16.60	4.00	4.80	3.50	2.40	
Sonny South Wheat Gray Shorts and Screenings	Thompson's Whlse. Groc., Booneville	16.00	14.50	4.00	3.80	6.00	4.65	EA
Edward F. Goeke Sons, Evansville, Ind. Big Gee 20% Protein Egg Mash	Farmers Feed Store, Central City	20.00	21.60	4.00	4.00	7.00	6.00	
A.P. 16% Protein All-Purpose Poultry Mash	Hodge Feed Store, Corydon	16.00	17.40	3.50	4.00	5.00	5.00	
Milko 16% Protein Dairy Feed	Watson Coal & Feed Co., Princeton	16.00	15.90	3.00	4.80	15.00	21.80	EA Very high in fiber. Mis-branded.
Goldcamp Mill Co., Ironton, Ohio Eggo 15% Protein All-Mash Growing Ration	Arthur & Riggs, Flatwoods	15.00	12.70	4.00	3.90	6.00	6.50	EA Very low in protein. Mis-branded.

Eggo 18% Protein Laying Mash	Arthur & Riggs, Flatwoods	18.00	19.00	3.50	4.00	8.00	7.40
Cream Flow 24% Protein Dairy Feed	Wurt Chinn & Son, Wurtland	24.00	24.80	3.50	4.10	10.00	9.00
Gold-Co 16% Protein Dairy Feed	Arthur & Riggs, Flatwoods	16.00	16.40	3.50	4.70	12.00	13.60
17% Protein Pig and Hog Grower	W. F. Collins, Canada	17.00	17.00	4.50	5.25	7.00	5.60
Farm Feed	Wurt Chinn & Son, Wurtland	14.00	10.70	4.50	6.10	8.50	6.90
							Very low in protein. Misbranded.
Green River Milling Co., South Carrollton, Ky.							
Markitop 24% Protein Dairy Feed	Green River Milling Co., S. Carrollton	24.00	18.90	3.50	4.20	10.00	7.20
							Very low in protein. Misbranded.
Gwinn Bros. & Co., Huntington, W. Va.							
Gwinn's 17% Protein Starter and Grower Mash	Gwinn Bros. & Co., Paintsville	17.00	18.20	3.50	4.20	7.00	7.30
Pioneer 24% Protein Dairy Feed	M. S. Qualls, Oliver Hill	24.00	25.70	3.50	4.20	15.00	10.70
Gwinn's Pioneer 20% Protein Dairy Feed	Floyd Lawson, Means	20.00	21.00	3.50	3.50	15.00	12.20
Pioneer 16% Protein Dairy Feed	Byrd Perry, Morehead	16.00	15.50	3.50	3.50	15.00	13.50
Gwinn's 15% Protein Hog Feed	O. K. Market, Inez	15.00	16.30	3.50	4.20	7.00	6.60
							Adulterated with about 45,400 unground weed seeds per 100 lbs.
Hales & Hunter Co., Chicago, Ill.							
Red Comb 17% Protein Growing Mash	E. J. Van Hook, Moreland	17.00	18.60	3.50	4.80	7.00	6.80
Red Comb 21% Protein Turkey Grower	Madison Hatchery, Richmond	21.00	22.60	3.50	5.00	7.00	7.00
Red Comb 20% Protein Egg Mash	Land-O-Cackle Hatchery, Bowling Green	20.00	21.10	3.50	4.40	7.00	6.60
Pioneer 18% Protein Dairy Feed	M. T. Riley Seed Co., Paducah	18.00	20.50	3.50	6.70	9.00	8.00
Pioneer 35% Protein Hog Supplement (Balancer)	M. T. Riley Seed Co., Paducah	35.00	35.50	3.25	4.00	8.00	7.20
Hancock & Franklin Mills, Louisville, Ky.							
Arrow 24% Protein Dairy Feed	Bell Grocery, Baxter	24.00	25.20	4.00	3.60	12.00	6.60
Arrow 95% Grain Horse and Mule Feed	Slone Bros., Jackson	10.00	9.70	4.00	4.70	6.00	6.20

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Hardin County Milling Co., Elizabethtown, Ky.	Hardin Co. Milling Co., Elizabethtown	20.00	20.80	3.50	3.80	8.00	6.80	
Emersons 20% Protein Dairy Feed Emerson 17% Protein Pig and Hog Feed	Hardin Co. Milling Co., Elizabethtown	17.00	19.00	3.50	4.40	7.00	5.60	
O. L. Harper, Ironton, Ohio Superior Feed	Robinson Feed & Dairy Store, Raceland	11.00	12.10	3.50	4.80	8.00	5.80	
R. L. Harrison & Son, Bagdad, Ky. Harrisons Nat-Ur-Way 24% Protein Dairy Feed Bulky 16½% Protein Dairy Feed	Pine Lodge Groc., Hazard Cole-Hughes, Barbourville	24.00 16.50	23.10 14.50	3.50 3.75	2.60 3.70	12.00 15.00	11.60 ^{EA} 11.00 ^{EA}	Very low in protein. Mis- branded.
The P. H. Harsha Milling Co., Portsmouth, Ohio Harsha's Producto 24% Protein Dairy Feed	C. S. Cartee, Olive Hill	24.00	24.30	3.50	4.20	12.00	7.70	
Haydon Mill & Grain Co., Springfield, Ky. Grow Quick 17% Protein Growing Mash 16½% Protein Dairy Feed Economy Mixed Feed	Elliotts Store, Middlesburg Abbott & Logue, Junction City W. C. Carman, Liberty	17.00	17.30	4.50	5.00	7.00	5.10	
Dr. Heinz Co., Cincinnati, Ohio Heinz Nu-Way 20% Protein Starter and Broiler Ration Horse and Mule Feed	Booneville Whise. Co., Booneville Booneville Whise. Co., Booneville	20.00	17.60	3.50	5.20	7.00	6.00 ^{EA}	Very low in protein. Mis- branded.
		9.50	9.50	3.50	3.85	9.00	9.05	

Henderson Elevator Co., Henderson, Ky. Corn Screenings with Cob and Shucks	Weaverton Milling Co., Henderson	9.00	9.80	2.00	3.30	16.00	9.40
Hermitage Feed Mills, Nashville, Tenn. Hermitage 24% Protein Dairy Feed	Charles C. Parks Co., Elizabethtown	24.00	23.30	3.50	3.50	15.00	10.80
Mak-Em-Grow 17½% Protein Hog Ration	Charles C. Parks Co., Elizabethtown	17.50	21.30	3.50	4.80	7.00	8.50
Timber Jack Horse and Mule Feed	Charles C. Parks Co., Elizabethtown	9.00	8.60	2.50	4.50	15.00	5.90
Herrman-McLean Co., Cleveland, O. Sunshine 17% Protein Starting and Growing Mash	Fred Caudill Whlsee. Co., Paintsville	17.00	19.30	3.50	5.05	7.00	8.75
Ohio 16% Protein Dairy Feed	Bell Grocery, Baxter	16.00	18.60	3.50	5.00	15.00	13.80
Higginsville Flour Mill, Higginsville, Mo. Wheat Gray Shorts and Screenings	Boatwright & Co., Murray	16.00	15.10	4.00	4.70	5.50	7.55
Hopkinsville Milling Co., Hopkinsville, Ky. Life Cycle 18% Protein Poultry Feed	Denton's Grocery, Hopkinsville	18.00	17.70	3.50	4.50	6.75	6.60
Sunflower 40% Protein Hog Supplement	Henry Terrell Produce, Cadiz	40.00	39.40	4.50	6.50	8.00	8.30
Sunflower 40% Protein Hog Supplement	Hopkinsville Mfg. Co., Hopkinsville	40.00	39.50	4.50	6.60	8.00	8.00
Sunflower Stock Feed	Hopkinsville Mfg. Co., Hopkinsville	12.50	14.60	2.50	4.90	6.00	7.50

Adulterated with screenings and about 90,800 unground weed seeds per 100 lbs.

Very high in fiber. Misbranded.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Frank Hopwood, Clay, Ky.	Frank Hopwood, Clay	18.00	18.50	3.50	5.20	6.75	8.20	
Hoppy's 18% Protein Poultry Supplement	Frank Hopwood, Clay	40.00	39.90	4.50	8.80	8.00	5.80	
Iglehart Bros., Inc., Evansville, Ind.	McCarterly & Richardson, Russellville	17.00	21.70	4.00	3.70	6.00	8.70	Very high in fiber. Misbranded.
Challenger 32% Protein Dairy Supplement	Farmers Feed Market, Bowling Green	32.00	32.90	3.50	6.00	14.00	8.40	
Winter Wheat Gray Shorts and Screenings	W. H. Brock & Co., Winchester	16.00	14.40	3.50	4.70	6.00	5.00	
Wheat Gray Shorts with Ground Wheat Screenings	West Ninth St. Mill, Owensboro	15.00	15.00	3.50	4.00	6.00	5.00	
Wheat Bran	West Ninth St. Mill, Owensboro	15.00	15.00	3.75	3.80	11.00	9.70	
Jasper Milling Co., Science Hill, Ky.	Jasper Milling Co., Science Hill	15.50	13.60	4.00	3.80	8.50	6.40	
Kasco Mills, Inc., Toledo, Ohio	Corbin Hatchery, Corbin	15.00	15.60	4.00	4.10	6.00	7.30	
Kasco 15% Protein All Mash Grower	Corbin Hatchery, Corbin	24.00	24.90	3.50	4.60	6.00	6.50	
Kasco 24% Protein Turkey Starter	Corbin Hatchery, Corbin	20.00	20.70	3.50	4.40	7.00	7.80	
Kasco 20% Protein Turkey Grower	E. G. Hulette, Frankfort	24.00	25.30	3.50	4.60	12.00	10.70	
Apex 24% Protein Dairy Feed	Stanley Penn, Lexington	20.00	22.10	3.50	3.90	10.00	8.30	
Kasco Beats All Milk Grains 20% Protein Dairy Feed	G. H. Bowles & Son, Glasgow	16.00	17.30	3.50	4.40	12.00	12.40	
Kasco Sweet 16% Protein Dairy Feed	Elam Grocery, Morehead	16.00	16.80	3.50	4.80	12.00	12.60	

✓✓✓ Kasco 15% Protein Farm Feed	Kentucky Whise Co., Pikeville	15.00	17.80	3.00	4.57	9.00	7.95	Adulterated with screenings refuse and about 90,800 unground weed seeds per 100 lbs. Misbranded.
✓✓ Kasco 20% Protein Pig-Hog Feed	Earl Hales Feed Store, Greenup	20.00	20.90	4.00	6.00	7.00	8.10	
Kasco 23% Protein Complete Dog Ration	G. H. Bowles & Son, Glasgow	23.00	29.30	4.00	10.60	4.00	4.30	
Keco Milling Co., McKenzie, Tenn. Keco 18% Protein Laying Mash	U-Tote-Em Grocery, Mayfield	18.00	19.20	3.50	4.00	7.00	6.70	
Spencer Kellogg & Sons, Inc., Chicago, Ill. ✓✓ Spencer Kellogg's 34% Protein Linseed Oil Meal	Cheek's Grocery, Salyersville	34.00	34.90	3.50	2.65	9.00	9.05	
Kentucky Chemical Industries, Inc., Cincinnati, Ohio ✓✓ Big Bargain 18% Protein Egg Mash	Somerset Grocery, Somerset	18.00	17.20	4.00	6.20	8.00	9.50	Adulterated with screenings refuse. Misbranded.
✓✓ Big Bargain 18% Protein Egg Mash	Lexington Grocery Co., Lexington	18.00	18.40	4.00	6.30	8.00	8.90	
✓✓ Provico 24% Protein Sweet Dairy Feed	Merchants Grocery, Pikeville	24.00	23.20	4.50	2.50	11.00	9.60	
✓✓ Big Bargain 16% Protein Dairy Feed	Renfro Lovett, Whitley City	16.00	17.70	3.50	6.70	12.00	13.50	Adulterated with about 90,000 unground weed seeds per 100 lbs. Misbranded.
Kentucky Cotton & Grain Co., Hickman, Ky. Chowmix 18% Protein Laying Mash	Ky. Cotton & Grain Co., Hickman	18.00	17.80	3.50	5.15	8.00	5.20	

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Kentucky Cotton & Grain Co., Hickman, Ky.—Continued	Ky. Cotton & Grain Co., Hickman	16.00	13.60	3.50	4.57	14.00	7.45	Very low in protein. Misbranded.
Victory 16% Protein Dairy Feed	Ky. Cotton & Grain Co., Hickman	16.00	14.30	3.50	6.00	14.00	7.20	
Kittrell Grain & Feed Co., Nashville, Tenn.	A. C. Roberts, Scottsville	16.00	15.80	3.50	3.90	15.00	16.70	
O. K. 16% Protein Dairy Feed	Kroger Grocery, Carlisle	20.00	20.10	3.50	4.40	7.00	5.70	
The Kroger Co., Cincinnati, Ohio	Kroger Grocery, Carlisle	24.00	26.50	3.50	4.80	10.00	9.00	
Kroger 20% Protein Eggs Mash	Kroger Grocery, Hodgenville	24.00	23.60	3.50	3.05	10.00	9.10	
Kroger 24% Protein Dairy Feed	Kroger Grocery, Irvine	24.00	23.60	3.50	3.05	10.00	9.10	
Goodloe Lawson Seed Co., Harrodsburg, Ky.	Kroger Grocery, Irvine	14.00	12.70	3.50	3.70	8.00	7.40	
True Blue 14% Protein Stock Feed	J. T. Freeman, Harrodsburg	14.00	12.70	3.50	3.70	8.00	7.40	
Lewisburg Roller Mills, Lewisburg, Ky.	Lewisburg Roller Mills, Lewisburg	20.00	16.20	4.00	4.10	6.00	8.25	Very low in protein. Very high in fiber. Misbranded.
Coon Range 20% Protein Laying Mash	Lewisburg Roller Mills, Lewisburg	15.00	13.70	4.00	3.80	6.00	5.80	
Lewisburg Ultra-Lifed 15% Protein All-Mash Laying Ration	Lewisburg Roller Mills, Lewisburg	15.00	13.70	4.00	3.80	6.00	5.80	
Lewisport Mill Co., Lewisport, Ky.	Lewisport Mill Co., Lewisport	18.00	19.60	3.50	4.65	6.50	7.00	
Le-Mi-Co 18% Protein Growing Mash	Lewisport Mill Co., Lewisport	16.00	17.70	4.00	4.20	6.00	7.20	
Le-Mi-Co 16% Protein All-Purpose Mash	Lewisport Mill Co., Lewisport	16.00	17.70	4.00	4.20	6.00	7.20	
Le-Mi-Co 16% Protein Dairy Feed	Guy Armes, Harrodsburg	16.00	17.40	3.50	4.60	11.00	9.80	

Le-Mi-Co 16% Protein Hog Feed	Lewisport Mill Co., Lewisport	16.00	18.70	4.00	5.00	6.00	6.90
Lexington Roller Mills, Inc., Lexington, Ky. Thoroughbred 16% Protein Hog Ration	Jellico Grocery, Barbourville	16.00	15.80	4.25	3.80	7.00	5.10
Bossie Stock Feed	J. E. M. Milling Co., Frankfort	13.00	11.70	4.00	3.30	7.00	5.10
G. W. Lofton & Sons, Providence, Ky. Lofton's Special 16% Protein Dairy Feed	W. L. Wyatt Feed Store, Madison	16.00	18.90	3.50	5.60	13.00	8.50
Lofton's Mixed Feed	G. W. Lofton & Son, Providence	12.00	11.90	4.00	6.20	9.50	7.10
Louisa Supply Co., Inc., Louisa, Ky. Louisa Standard Feed	Louisa Supply Co., Inc., Louisa	12.50	11.70	4.50	5.30	7.50	5.70
McGinnis Co., Huntington, W. Va. Milk More 16% Protein Dairy Feed Reliable Stock Feed	Kelly Grocery, Burdine S. & M. Supermarket, Paintsville	16.00	15.60	3.50	6.00	15.00	9.00
McMillen Feed Mills, Fort Wayne, Ind. Master Mix MV 36% Protein Turkey Supplement	West Ninth Street Mill, Owensboro	36.00	35.80	2.00	4.20	9.00	6.40
Master Mix 34% Protein and Mineral Poultry Mash	Garrard Mills, Lancaster	34.00	34.60	1.50	4.10	9.00	7.80
Markin Feed Co., Ironton, Ohio Standard Feed and Screenings	Wurt Chinn & Son, Wurtland	15.00	13.70	4.00	4.20	9.00	6.00
Mayfield Milling Co., Mayfield, Ky. Jersey Cream 20% Protein Dairy Feed	Mayfield Milling Co., Mayfield	20.00	18.30	3.50	4.20	10.00	9.60

Adulterated with crushed
corn cobs.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Mayfield Milling Co., Mayfield Ky.—Continued								
White Chester 40% Protein Hog Supplement	Mayfield Milling Co., Mayfield	40.00	39.80	4.00	5.30	7.00	6.10	
White Chester 19% Protein Hog Grower and Fattener	Crawford & Ferguson Hardware, Benton	19.00	18.30	4.80	5.20	7.00	4.70	Adulterated with wheat screenings. Misbranded.
White Chester 19% Protein Hog Grower and Fattener	Mayfield Milling Co., Mayfield	19.00	18.80	4.80	4.60	7.00	5.80	Adulterated with ground screenings.
Mayfield Sweet Feed Mill, Mayfield, Ky.								
State Leader Fifty-Fifty Scratch Feed	Douthitt & Pritchard, Wingo	10.25	10.50	3.00	3.00	2.25	3.00	Adulterated with wheat chaff and inferior clover seed.
State Leader 18% Protein Laying Mash	Mayfield Sweet Feed Mill, Mayfield	18.00	19.00	4.00	5.20	7.00	6.40	
State Leader 18% Protein Laying Mash	Butlers Grocery, Almo	18.00	17.20	4.00	4.90	7.00	5.60	
State Leader 24% Protein Dairy Feed	Mayfield Sweet Feed Mill, Mayfield	24.00	25.50	3.50	3.30	10.00	8.30	
State Leader Fifty-Fifty Scratch Feed	Murray Hatchery, Murray	10.25	9.70	3.00	2.60	2.25	2.70	Adulterated with wheat screenings containing approximately 500,000 unground wheat chaff and dock seeds per 100 lbs. Misbranded.
Mennel Milling Co., Toledo, Ohio								
Memo Wheat Gray Middlings and Screenings	Merchants Grocery, Paintsville	16.00	14.90	4.00	4.00	6.00	6.40	

Middlesboro Milling Co., Middlesboro, Ky.	Middlesboro Milling Co., Middlesboro	24.00	25.40	4.50	3.80	12.00	9.50
Reliable 24% Protein Dairy Feed	Middlesboro Milling Co., Middlesboro	16.00	18.00	3.50	3.70	14.00	8.50
Good Value 16% Protein Dairy Feed	Middlesboro Milling Co., Middlesboro	18.00	18.80	4.50	4.20	8.50	6.00
Higrade Feed	Middlesboro Milling Co., Middlesboro	13.00	11.40	4.00	4.30	8.00	4.60
Hard to Beat Feed	Middlesboro						
The Midget Mills, Somerset, Ky.	The Midget Mills, Somerset	10.00	8.20	3.00	4.20	3.00	2.60
White Rose Scrach Feed	The Midget Mills, Somerset	14.00	12.80	4.00	5.60	8.50	7.20
Mixed Feed	Somerset						
Milliken Sweet Feed Mills, Franklin, Ky.	Milliken Sweet Feed Mill, Franklin	20.00	18.00	3.50	4.20	7.00	5.80
Hunt's Xtra-Fine 18% Protein Laying Mash							Very low in protein. Misbranded.
Hunt's Xtra-Fine 20% Protein Dairy Feed	P. V. Hunt Groc. Co., Franklin	20.00	21.70	3.50	3.60	12.00	7.80
Hunt's Xtra-Fine 16% Protein Dairy Feed	Milliken Sweet Feed Mill, Franklin	16.00	17.00	3.50	3.60	12.00	10.30
Model Mills, Georgetown, Ky.	Benson Valley Milling Co., Frankfort	15.50	14.30	4.50	4.00	8.50	7.10
Best Mixed Feed							
Moorman Manufacturing Co., Quincy, Ill.	Claude Wilkins, Clinton	45.00	45.50	2.00	6.30	4.00	4.50
45% Protein and Mineral Hog Supplement							
Roscoe Morris, Somerset Ky.	Roscoe Morris, Somerset	17.00	18.00	3.50	3.90	6.00	4.80
17% Hog Fattener Feed							
Munfordville Milling Co., Munfordville, Ky.	Munfordville Mfg. Co., Munfordville	16.00	18.70	3.50	5.20	9.00	8.40
Purity 16% Protein Dairy Feed							

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Murphy Grain & Milling Co., Owensboro, Ky. Airlolite 23% Protein Pig and Hog Feed	Murphy Grain & Mig. Co., Owensboro	23.00	19.20	3.50	5.40	7.00	5.70	Very low in protein. Misbranded.
Airlolite 23% Protein Pig and Hog Feed	Murphy Grain & Mig. Co., Owensboro	23.00	19.00	3.50	5.20	7.00	4.30	Very low in protein. Misbranded.
Myers and Clark, Ashland, Ky. Ideal 18% Protein All-Mash Starter and Grower	Myers & Clark, Ashland	18.00	17.40	4.00	4.90	6.00	6.90	
Ideal 18% Protein All-Mash Starter and Grower	Stagg Bros., Vanceburg	18.00	18.00	4.00	4.90	6.00	8.90	Very high in fiber. Misbranded.
Special 24% Protein Dairy Feed	Myers & Clark, Ashland	24.00	24.30	3.50	5.00	15.00	10.10	
National Biscuit Co., Niagara Falls, N. Y. Shredded Wheat Feed (No. 1)	Dean & Hager, Nicholasville	9.50	10.30	1.50	1.50	3.50	2.50	
National Milling Branch of National Biscuit Co., Toledo, Ohio Namico Wheat Gray Middlings and Screenings	Gwinn Bros., Paintsville	16.00	14.50	4.00	4.30	6.00	6.40	
National Oats Co., E. St. Louis, Ill. Corno 18% Protein Chick Starting and Growing Mash	Frank Hopwood Mfg. Co., Clay	18.00	19.30	3.50	4.20	7.00	6.40	
Corno 18% Protein Laying Mash	Henderson Feed Com- mission, Henderson	18.00	19.40	3.50	5.00	8.00	7.50	
Nutro 18% Protein Egg Mash	Mayflower Mills, E. Jenkins	18.00	20.60	3.50	5.00	8.00	6.50	
Corno 20% Protein Sow and Pig Feed	Dairyman's Feed & Supply, Mayfield	20.00	20.30	3.50	5.00	7.00	7.20	Adulterated with oat hull feed. Misbranded.

Corno 9.5% Protein Premium Feed-Trigg County Mfg. Co., Cadiz	9.50	10.30	2.50	4.40	15.00	10.60
Corno 9.5% Protein Premium Feed-G. C. Cornette, Cumberland	9.50	10.40	2.50	5.00	15.00	10.90
The Neumond Co., St. Louis, Mo. Neumond 25% Protein Distillers Corn Dried Grains	25.00	25.50	8.00	8.50	15.00	13.40
The New Era Milling Co., Arkansas City, Kans. Polar Bear Wheat Gray Shorts and Screenings Polar Bear Wheat Mixed Feed and Screenings		16.00	4.00	4.60	6.00	5.60
J. B. Adams, Barbourville	16.00	15.70	4.00	4.60	6.00	5.60
Campbell Wholesale, Combs	15.50	15.00	3.50	4.40	8.50	7.50
Owensboro Grain Co., Owensboro, Ky. 39% Protein Soybean Oil Meal and Mineral		41.90	4.00	6.00	7.00	6.80
J. L. Heflin, Livermore	39.00	41.90	4.00	6.00	7.00	6.80
I. E. Payne and Co., Eubank, Ky. Farmer's Choice Mixed Feed		15.25	4.00	3.90	8.50	8.70
I. E. Payne & Co., Eubank	15.25	13.20	4.00	3.90	8.50	8.70
Perry County Mills & Elevator Co., Cannelton, Ind. Cut Cost 20% Protein Eggs Mash Cut Cost 18% Protein All- Purpose Mash		20.00	5.00	4.90	7.00	5.60
Sifers Market, Hawesville	20.00	19.70	5.00	4.90	7.00	5.60
Irvington Truck Lines, Irvington	18.00	18.10	5.00	4.60	7.00	5.70
Irvington Truck Lines, Irvington	18.00	13.00	3.50	5.00	15.00	11.20
Ph. H. Postel Milling Co., Mascoutah, Ill. Elegant 16% Protein Dairy Ration		17.10	3.50	4.10	14.00	7.60
Hackney-Jellico Co., Middlesboro	16.00	17.10	3.50	4.10	14.00	7.60
Pratt Food Co., Hammond, Ind. Pratts 20% Protein Broiler Mash Utility 18% Protein Laying Mash		21.00	3.50	4.60	7.00	6.40
J. H. Myers, Ewing	20.00	21.00	3.50	4.60	7.00	6.40
Paul Bright Mfg. Co., Hardinsburg	18.00	19.40	3.50	4.30	8.00	8.20
Utility 20% Protein Sweet Dairy Feed	20.00	22.30	3.00	4.20	12.00	12.40
Pratts Utility Horse Feed	9.00	8.50	2.50	3.70	11.00	11.00
Chas. Cornwell, Rothwell	20.00	22.30	3.00	4.20	12.00	12.40
Tennyson & Reynolds, Munfordville	9.00	8.50	2.50	3.70	11.00	11.00

Very low in protein. Mis-branded.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Provico Feeds & Concentrates, Cincinnati, Ohio Provico 20% Protein Starting and Growing Mash	Louisa Grocery Co., Louisa	20.00	23.20	3.50	4.60	7.00	2.30	
	Purcell Seed Co., Evansville, Ind. Purcell's 18% Protein Dairy Feed	18.00	18.20	3.50	4.40	10.50	10.70	
The Quaker Oats Co., Chicago, Ill. Ful-O-Pep 26% Protein Turkey Starter	Broadway Wholesale Co., Winchester	26.00	26.70	4.50	6.00	6.00	5.10	
	Ful-O-Pep 20% Protein Turkey Grower	20.00	19.00	3.50	5.00	7.00	8.80	
Ful-O-Pep 24% Protein Dairy Ration	Broadway Wholesale Co., Winchester	20.00	19.00	3.50	5.00	7.00	8.80	
	Blue Diamond Coal Co., Blue Diamond	24.00	25.30	4.00	4.60	10.00	6.80	
Ralston Purina Co., St. Louis, Mo. Purina Growena 18% Protein Turkey Grower	Browning Hatchery, Winchester	18.00	19.70	3.50	5.00	7.00	5.80	
	Purina Chow 22% Protein Turkey Breeder Mash	22.00	23.10	4.00	6.00	8.00	7.00	
Purina Layena 16½% Protein All-Mash Turkey Breeder Lay- ing Mash (Complete Ration)	Browning Hatchery, Winchester	16.50	19.60	4.50	5.10	7.00	5.70	
	Purina Family Flock Chow 17% Protein All-Mash Laying Ration	17.00	21.60	3.50	4.60	8.00	7.00	
Protena 16% Protein Dairy Feed	Whitesburg Craddock & Burcham, Clinton	16.00	18.70	3.50	5.60	15.00	11.50	

☞ Purina Fatena 14% Protein Hog Feed	Scarborough & Taylor, Hazel	14.00	16.40	3.50	4.50	7.00	8.10	☞
☞ T. S. Roberts, Mill Springs, Ky. Wheat Mixed Feed	J. H. Tate, Monticello	15.50	14.50	4.00	3.90	8.50	5.90	☞
☞ Robinson Milling Co., Somerset, Ky. Mixed Feed	Robinson Milling Co., Somerset	15.00	12.10	4.25	3.80	8.00	5.10	☞ Very low in protein. Misbranded.
☞ Rocky Hill Milling Co., Rocky Hill, Ky. Mixed Feed	Southern States Coop., Brownsville	14.75	14.00	4.50	4.60	9.25	8.00	☞
☞ Ground Wheat	Edmonson County Coop., Brownsville	12.00	9.30	2.00	5.40	2.25	3.20	☞ Very low in protein. Misbranded.
☞ G. P. Rose and Co., Inc., Nashville, Tenn. Triumph 24% Protein Dog Feed	L. W. Imes, General Mdse., Almo	24.00	25.70	7.00	7.20	4.00	4.40	
☞ Rose's All Breed 22% Protein Dog Feed Kibbles	Blue Grass Produce, Carlisle	22.00	21.50	6.00	5.30	2.50	2.60	☞
☞ Ross Feed Co., Murray, Ky. Standard 20% Protein Chick Starter Ration	Ross Feed Co., Murray	20.00	21.00	3.50	4.50	7.50	6.20	
☞ Standard 40% Protein Hog Supplement	Ross Feed Co., Murray	40.00	41.20	4.50	6.40	7.00	8.10	☞
☞ Rossmoyne Processing Corp., Camp Hill, Penn. Eques-Zyme Feed	Woodford Spears & Sons, Paris	9.50	10.20	1.00	5.30	14.00	11.10	☞ Adulterated with oat hulls and rice hulls. Misbranded.
☞ Alfa-Zyme Feed	Woodford Spears & Sons, Paris	9.50	10.90	1.00	3.90	14.00	12.40	☞ Adulterated with rice hulls. Misbranded.
☞ Alfa-Zyme Feed	Theo Branscum, Russell Springs	9.50	9.80	1.00	5.50	14.00	17.40	☞ Very high in fiber. Misbranded.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Rossmoyne Processing Corp., Camp Hill, Penn.—Continued								
Alfa-Zyme Feed	Louisville Feed & Mineral Co., Louisville	9.50	11.00	1.00	2.75	14.00	14.30	Adulterated with rice hulls. Misbranded.
Russell-Miller Milling Co., Minneapolis, Minn.								
Occident 20% Protein Laying Mash	Yopp Seed Co., Paducah	20.00	20.60	3.50	4.50	7.00	6.70	
Occident 24% Protein Dairy Feed	Yopp Seed Co., Paducah	24.00	25.40	3.50	4.50	12.00	8.60	
Occident 40% Protein Hog Supplement	Yopp Seed Co., Paducah	40.00	38.10	3.00	4.90	9.00	7.50	
Salt Lick Milling Co., Salt Lick, Ky.								
Perfection X Mixed Feed	Salt Lick Milling Co., Salt Lick	14.75	13.50	4.00	3.90	8.00	6.90	
J. F. Schneider & Sons, Middlesboro, Ky.								
Cudjo 50% Protein Tankage	Danville Hdwe. & Supply Co., Danville	50.00	46.90	13.50	16.20	2.50	1.20	Very low in protein. Excessive amount of bone and hair. Adulterated and misbranded.
Schultz, Baujan & Co., Beardstown, Ill.								
Critic Wheat Brown Middlings and Screenings	Champion Stores, McRoberts	16.00	17.20	4.00	5.70	7.50	6.90	
Critic Wheat Brown Middlings and Screenings	Champion Stores, Jenkins	16.00	17.10	4.00	5.40	7.50	5.30	
Scientific Milling Co., E. St. Louis, Ill.								
Scientific 17% Protein Growing Mash	Hickman County Feed Mill, Clinton	17.00	16.80	4.00	4.80	7.00	7.20	

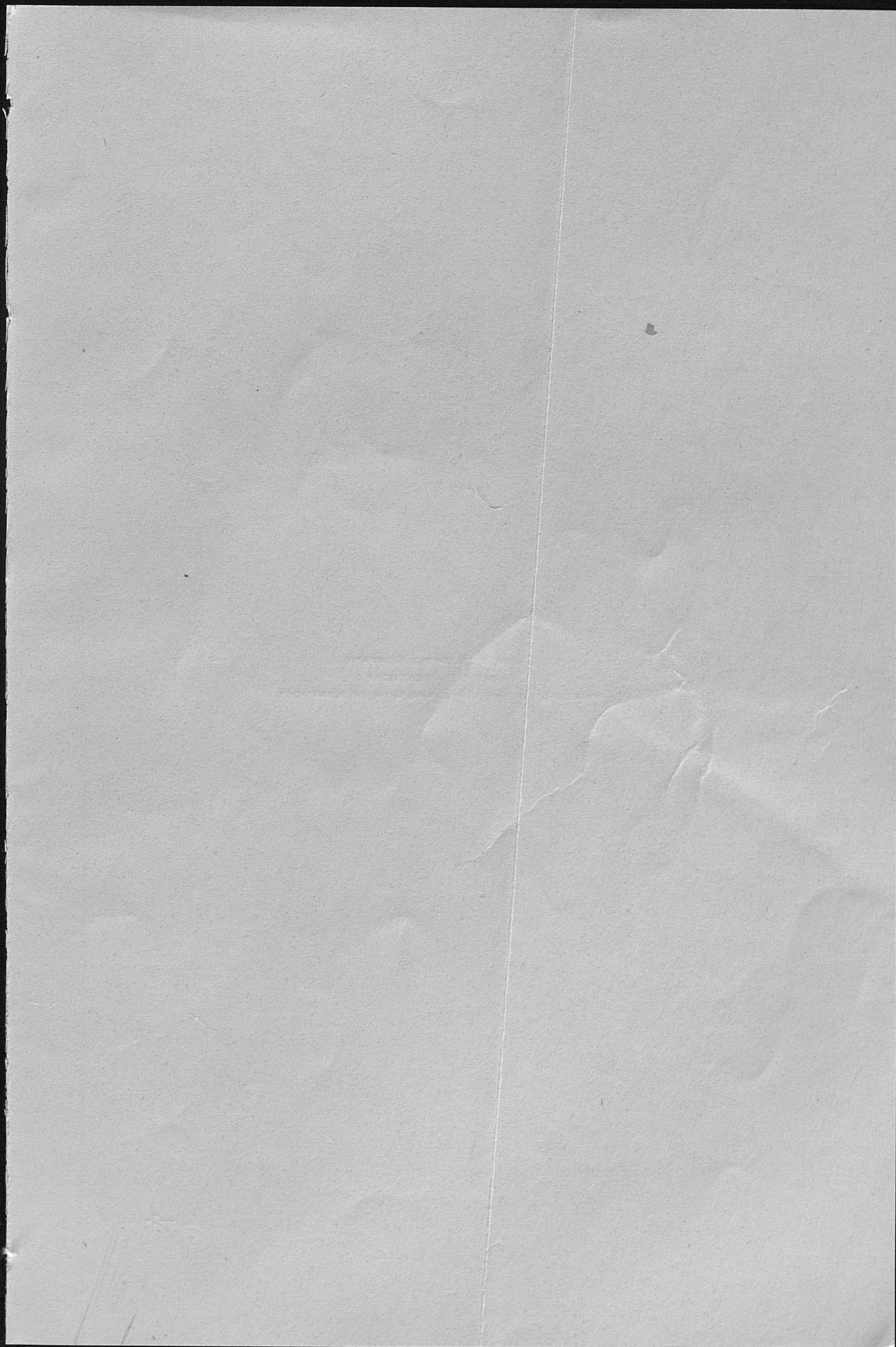
MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Standard Feed Milling Co., Hopkinsville, Ky. Domino Horse and Mule Feed	N. Y. Landrum Feed, Bowling Green	9.00	10.40	2.50	3.40	13.00	10.60	
Standard Milling Co., Elkton, Ky. White 24% Protein Dairy Feed	Standard Milling Co., Elkton	24.00	24.30	3.50	5.70	9.00	8.60	
Star Milling Co., Clinton, Ky. Star Corn By-Products Feed	E. W. James Feed & Product, Hickman	11.50	10.30	6.50	7.80	6.00	5.00	
Star Roller Mills, Cloverport, Ky. Star 16% Protein Dairy Feed	Star Roller Mills, Cloverport	16.00	13.50	3.50	3.50	13.00	9.40	Very low in protein. Mis- branded.
Star 16% Protein Stock Feed	Star Roller Mills, Cloverport	16.00	14.50	3.50	4.20	10.00	7.70	
Stock-Gro, Inc., Chicago, Ill. Stock-Gro	Oldham Feed & Supply Co., Buckner	8.00	9.20					
Sun-Ray Feed Mills, Bowling Green, Ky. Booster 18% Protein Pig and Hog Feed	Peoples Feed & Mill Co., Cave City	18.00	19.00	4.00	4.40	7.00	4.30	
Sun Ray 24% Protein Dairy Feed	D. G. Hayes Garage, Hodgenville	24.00	19.50	4.00	4.60	8.00	5.70	Very low in protein. Mis- branded.
Booster 16% Protein Stock Feed	Paul Glidewell Feed Store, Burkesville	16.00	14.80	3.50	4.70	9.00	6.20	
Sun-Ray Feed Mills, Lexington, Ky. Booster Stock Feed	Albert Patrick, Williamsburg	16.00	15.50	3.50	4.20	9.00	6.30	

Supreme Feed Mill, Glasgow, Ky.									
Supreme 24% Protein Dairy Feed	Allen County Mill, Scottsville	24.00	28.20	3.50	5.00	10.00	6.20		
Supreme 24% Protein Dairy Feed	E. L. Garner, Albany	24.00	25.50	3.50	5.20	10.00	5.30		
Supreme 20% Protein Dairy Feed	Cecilian Milling Co., Elizabethtown	20.00	21.30	4.00	3.80	14.00	9.90		
Hominy Feed	Ray Pritchard Feed Mill, Glasgow	10.00	12.20	7.00	7.80	6.00	4.40		
D. B. Sutherland & Sons, Bloomfield, Ky.									
Star 18% Protein Laying Mash	Orville Coffman, McKinney	18.00	16.20	3.50	3.70	7.00	3.80		Very low in protein. Mis-branded.
Sutherlands Farm Feed	W. C. Dulin, Taylorsville	15.50	13.50	4.00	3.50	8.50	5.60		
Sutherlands Farm Feed	Minor's Market, Junction City	15.50	14.80	4.00	3.70	8.50	6.90		
Sutherlands Farm Feed	Lewis, Whitt & Co., Wrigley	15.50	14.10	4.00	3.60	8.50	5.70		
Sweet Feed Mills, Bowling Green, Ky.									
Ace 20% Protein Dairy Feed	Sweet Feed Mills, Bowling Green	20.00	22.10	3.50	3.30	12.00	11.60		
Sweet Feeds, Henderson, Ky.									
Sweet Mix 20% Protein All-Mash Poultry Ration	Floyd Harelson Feed Store, Paducah	20.00	19.10	4.50	6.20	5.00	5.70		
Special 16% Protein Dairy Feed	Sweet Feeds, Henderson	16.00	16.00	3.50	3.80	15.00	17.00		Very high in fiber. Mis-branded.
Tell City Flouring Mills, Tell City, Ind.									
Hoosier 18% Protein Egg Producer Mash	Bondurant's Store, Brandenburg	16.00	15.10	4.00	4.80	13.00	5.90		
Hoosier 15% Protein All-Mash Poultry Ration	Garfield M&se., Garfield	15.00	15.40	4.00	3.80	6.00	5.90		
Hoosier 16% Protein Dairy Feed	Bondurant's Store, Brandenburg	16.00	15.10	4.00	4.80	13.00	5.90		
Theobald Industries, Taylorsville, Ky.									
Meat Scraps	Allison Shippe, Campbellsville	50.00	46.90	10.00	15.10	2.00	2.30		Very low in protein. Mis-branded.

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	PROTEIN		FAT		FIBER		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Tilford & Walters, Metropolis, Ill. Masco 16% Protein Hog Fattener	John T. Steele Mfg. Co., La Center	16.00	16.40	3.50	5.10	7.00	7.10	
Topeka Flour Mills, Corp., Salina, Kansas K-Y Wheat Gray Shorts	Somerset Grocery, Somerset	17.00	17.00	4.00	4.80	6.00	6.00	
The Ubiko Milling Co., Cincinnati, Ohio Clover Bloom 16% Protein Dairy Feed	Boone's Feed Store, Stanford	16.00	16.60	3.50	5.00	12.00	12.10	
Union Elevator Co., Nashville, Tenn. Union 16% Protein Dairy Feed	W. E. Reed & Sons, Hodgenville	16.00	16.90	3.50	4.20	15.00	11.70	
Warren County Mills, Bowling Green, Ky. Stock Mixed Feed	Paris Produce, Scottsville	15.00	14.00	4.00	5.70	8.00	6.40	
Weaverton Milling Co., Henderson, Ky. 17% Protein All-Purpose Mash	Weaverton Milling Co., Henderson	17.00	14.70	5.00	4.70	5.00	3.80	Very low in protein. Mis-branded.
West Ninth Street Mill, Owensboro, Ky. Ravar 17% Protein Growing Mash	W. Ninth St. Mill, Owensboro	17.00	17.30	3.50	4.10	7.00	5.30	
Ravar 15% Protein Hog Ration	W. Ninth St. Mill, Owensboro	15.00	17.00	3.50	4.30	7.00	7.00	
The Whitewater Flour Mills Co., Whitewater, Kansas Wheat Feed and Screenings	Scott's Grocery, Hardy	16.00	14.50	3.50	4.40	6.00	4.80	

Wiedlocher and Sons, Springfield Ill. Mash	Jim Ryles, Junction City	18.00	18.50	3.50	4.80	7.00	8.50
Faultless 18% Protein Growing Mash	Ray Pritchard Feed Mill, Glasgow	20.00	20.90	3.50	4.80	8.00	7.00
Faultless 20% Protein Laying Mash	E. L. Garner, Albany	24.00	24.10	4.50	6.00	12.00	11.80
Faultless 24% Protein Dairy Balancer	Winchester Mfg. Co., Winchester, Ky.	11.00	10.70	5.00	4.80	8.50	6.70
Winchester Milling Co., Winchester, Ky. Perfection Feed	Letcher Grocery Co., Whitesburg	8.00	8.00	3.50	3.80	3.00	2.70
Screened Cracked Corn	Fay Bell & Son, Clarkson	17.00	17.10	3.50	5.90	7.00	6.60
Winn & Tobin Milling Co., Leitchfield, Ky. Daisy 17% Protein Starter and Grower	Smith & Burd, Grand Rivers	17.50	20.50	4.00	4.80	6.00	5.10
Woolcott Milling Co., Harrisburg Ill. Red Wing 17½% Protein Starter Mash	Henderson Hybrid Seed Corn Co-op., Henderson	18.00	18.00	3.50	4.60	7.00	4.50
Zilliak and Schafer Milling Co., Haubstadt, Ind. Sure Fine 18% Protein Starting and Growing Mash	Henderson Hybrid Seed Corn Co-op., Henderson	20.00	19.50	3.50	4.60	7.00	5.20
Sure Fine 20% Protein Egg Mash							

MANUFACTURER AND BRAND	SAMPLE TAKEN FROM—	Calcium		Phosphorus		Iodine		Salt		REMARKS
		Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	Guar.	Fnd.	
Moorman Manufacturing Co., Quincy, Ill. Moorman's Top-Kream Dairy Minerals (with Irradiated Yeast)	Shepherdsville Feed Mills, Shepherdsville	28.00	32.38	6.40	6.87	0.01	0.01	0.00	0.00	0.00
Myles Salt Co., Ltd., New Orleans, La. Myles Mineral Salt Supplement	Tupedo Feed Store, Lexington	3.90	2.36	3.00	1.49	0.00	0.00	84.00	91.00	SEA



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