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Quarterly Report

on

Official Feed Samples Analyzed

by the

FEEED AND FERTILIZER DEPARTMENT
KENTUCKY AGRICULTURAL EXPERIMENT STATION

Never has it been more important than now, that farmers and honest dealers and manufacturers be protected from the misbranding and adulteration of feeds. Difficulty of getting ingredients and the great demand for feeds together bring strong temptation to misrepresent the feeds. Most manufacturers, however, are keeping their feeds up to their former high standards and maintaining their reputation for high-quality products. The tag on the bag, and the reports of analyses of feed samples by the Kentucky Agricultural Experiment Station, are a ready basis for judging quality in feeds.

UNIVERSITY OF KENTUCKY, LEXINGTON

Report of Official Feed Samples Analyzed

January, February and March, 1946

NOTE: In the following table, the analyses in bold type failed to equal guaranty by one-half of 1 percent or more. This is the tolerance allowed, as deficiencies less than this are not considered evidence of fraudulent intent. The small and capital letters at the extreme right side of the table indicate that the sample of feed was adulterated as follows:

- h—Soybean or oat hulls, less than 5%.
- H—Soybean or oat hulls, 5% or more.
- p—Peanut hulls, less than 5%.
- P—Peanut hulls, 5% or more.
- SR—Screenings refuse, 5% or more.
- c—Corncobs, less than 5%.
- C—Corncobs, 5% or more.
- w—Unground weed seeds, less than 100,000 per 100# of feed.
- W—Unground weed seeds, 100,000 or more per 100# of feed.

Lab. No.	MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER	
		Min. Guar.	Found	Min. Guar.	Found	Max. Guar.	Found
The Abilene Flour Mills Co., Abilene, Kansas:							
4932	Wheat Mixed Feed and Screenings	16.0	17.3	4.0	4.6	8.5	8.6
Acme-Evans Company, Indianapolis, Ind.:							
4865	Wheat Bran and Screenings	15.0	15.6	3.75	4.3	10.0	8.0
4867	18% Egg Mash	18.0	18.1	4.0	4.3	8.0	6.7
5102	16% Dairy Feed	16.0	18.6	3.5	6.1	15.0	10.8
Alfocorn Milling Company, E. St. Louis, Ill.:							
5004	16% Dairy Feed	16.0	20.5	3.5	3.6	15.0	16.8
Allied Mills, Chicago, Ill.:							
4875	Wayne 24% Dairy Feed	24.0	25.2	3.5	4.9	9.0	8.1
4947	Wayne 24% Dairy Feed	24.0	24.2	3.5	5.6	10.0	8.2
4920	Wayne 20% Egg Mash	20.7	19.7	3.5	4.0	8.0	7.7
4997	Wayne 20% Egg Mash	20.0	18.2	3.5	4.1	8.0	5.9
4996	Wayne 16% Dairy Feed	16.0	18.0	3.5	4.7	13.0	10.7
5041	Wayne 14% Pork Maker	14.0	14.5	3.5	4.1	7.0	6.9
5063	Wayne 20% Breeder Mash	20.0	20.1	3.5	4.2	8.0	6.8
Arcady Farms Milling Co., Chicago, Ill.:							
4872	16% Dairy Feed	16.0	17.6	3.5	3.3	15.0	14.0
4906	20% Dairy Feed	20.0	23.0	3.5	3.8	12.0	9.1
4950	20% Dairy Feed	20.0	21.8	3.5	4.4	12.0	10.5
5106	20% Dairy Feed	20.0	22.0	3.5	4.3	12.0	10.5
4958	16% All Purpose Mash Ration	16.0	16.3	4.0	4.6	6.0	7.9
Associated Kentucky Distillers, Lebanon, Ky.:							
4969	Schenley's 25% Corn Distillers Dried Grains with Solubles	25.0	26.3	7.0	13.8	13.0	8.7
Aubrey and Company, Louisville, Ky.:							
4871	"Red A" 20% Laying Mash	20.0	19.0	4.0	4.5	8.0	6.9
4955	"Red A" 20% Laying Mash	20.0	20.3	4.0	4.5	8.0	7.7
5072	"Red A" 20% Laying Mash	20.0	19.1	4.0	5.1	8.0	6.9
4877	20% Dairy Feed—"Red A"	20.0	19.6	4.0	4.4	14.0	13.6
4956	Aubrey's 16½% Dairy Feed	16.5	17.9	4.0	4.9	15.0	12.6
5115	Aubrey's 16½% Dairy Feed	16.5	17.5	4.0	4.5	15.0	13.6
5104	"Red A" 18% Hog and Pig Feed	18.0	18.1	4.0	6.1	7.0	7.2
5121	"Red A" 20% All-Mash Starter-Grower-Broiler Ration	20.0	18.7	4.0	5.4	6.0	6.3
The Auburn Mills, Auburn, Ky.:							
5012	Mixed Feed	14.4	14.6	4.5	3.3	7.5	6.2
Ballard & Ballard Co., Louisville, Ky.:							
4904	"Insurance" 20% Egg Breeder Mash	20.0	20.5	3.5	4.2	7.0	7.1

Lab. No.	MANUFACTURER AND BRAND	PROTEIN		FIBER		FAT	
		Min. Guar.	Found	Min. Guar.	Found	Max. Guar.	Found
4928	Ballard's Wheat Bran	14.5	14.2	3.75	3.9	10.0	10.3
4976	"Milk Insurance" 24% Dairy Feed	24.0	25.1	3.5	4.6	9.0	7.5
4980	"Insurance" 18% Broiler Ration	18.0	19.2	3.5	4.5	7.0	6.1
4981	"Insurance" 13½% Sheep Feed	13.5	12.6	3.75	4.4	9.0	8.5
4987	"Insurance" 20% Laying Mash	20.0	20.0	3.5	4.5	7.0	7.4
5030	Ballard's 16% Pig and Hog Ration	16.0	17.2	3.5	4.5	7.0	6.1
5049	Ballard's 18% Starting Mash	18.0	17.5	3.5	4.7	6.0	7.3
5108	"Chick Insurance" 18% Starting Mash	18.0	17.6	3.5	4.6	6.0	6.9
Baltic Mills, Vincennes, Ind.:							
5003	"Knox County" Hominy Feed	10.0	9.4	7.0	7.0	6.0	3.9
Baughman Milling Co., Stanford, Ky.:							
4946	"Banner" 20% Dairy Feed	20.0	16.1	4.0	4.5	10.0	8.2
Beaver Dam Milling Co., Beaver Dam, Ky.:							
5105	"Eureka" 21% Laying Mash	21.0	21.7	4.0	5.3	7.0	6.7
Bi-County Farm Bureau Cooperative Association, Erlanger, Ky.:							
4993	"Co-op Milkmaker" 20% Dairy Feed	20.0	18.9	4.0	6.0	9.0	8.0
The Big Four Mills, Ltd., Covington, Ky.:							
5080	"Big Four" 19% Pig and Hog Feed	19.0	18.8	5.0	4.5	7.0	7.1
5081	"Big Four" 20% Laying Mash	20.0	19.1	4.5	4.2	8.0	6.2
4893	18% Dairy Feed—"O.K."	18.0	18.9	3.5	4.7	15.0	12.6
Blanton Milling Co., Indianapolis, Ind.:							
5094	"Perfect" 14% Hog Fattener	14.0	17.0	3.5	4.9	7.0	6.6
The Buckeye Cotton Oil Co., Cincinnati, O.:							
4869	41% Soybean Oil Meal—"Buckeye"	41.0	44.5	3.5	5.2	7.0	6.8
4916	41% Soybean Oil Meal—"Buckeye"	41.0	47.2	3.5	4.9	7.0	6.2
5119	41% Soybean Oil Meal—"Buckeye"	41.0	46.2	3.5	4.3	7.0	6.0
4948	41% Cottonseed Meal	41.0	41.5	5.0	5.8	12.0	10.3
Buhner and Company, Louisville, Ky.:							
4952	"Buhner's Special" 16% Dairy Feed	16.0	16.0	3.5	5.1	15.0	12.8
5113	"Buhner's Happy Farmer" 18% Chick Starter	18.0	19.2	3.5	3.7	6.0	7.9
Central Ky. Milk Producers Ass'n., Lexington, Ky.:							
4926	"Co-op" 20% Laying Mash	20.0	20.3	4.0	5.7	8.0	8.0
Cincinnati Grain & Hay Co., Cincinnati, O.:							
4992	"No-Better" 16% Sweet Dairy Feed	16.0	15.6	4.0	4.7	11.0	11.3
5024	"No-Better" 24% Dairy Ration	24.0	21.0	4.5	4.5	9.5	6.3
Chemical Products Corporation, Cincinnati, O.:							
4915	"Abattoir" 55% Meat Scrap	55.0	55.0	6.0	6.7	3.0	3.6
Clifty Falls Mills, Madison, Ind.							
4909	"Clifty Falls" 20% Dairy Feed	20.0	19.8	3.5	4.1	11.0	10.5
4975	"Clifty Falls" 20% Dairy Feed	20.0	21.4	3.5	3.9	11.0	8.2
4910	"Clifty Falls" 20% Broiler Mash	20.0	19.7	3.5	3.8	7.0	5.5
4939	"Clifty Falls" 16% Dairy Feed	16.0	16.2	3.5	4.6	12.0	10.0
4941	"Clifty Falls" 15½% Calf Grower	15.5	15.3	4.0	4.2	7.0	6.8
5001	"Clifty Falls" 24% Dairy Feed	24.0	25.8	3.5	4.1	10.0	6.5 C
5023	"Clifty Falls" 18% Chick Starter	18.0	17.6	3.5	3.8	6.0	5.2
5107	"Clifty Falls" 14½% Hog Fattener	14.5	13.6	3.5	3.5	6.0	3.8
The Columbus Rendering Co., Columbus, O.:							
4895	50% Meat and Bone Scraps	50.0	51.1	5.0	6.0	3.0	3.0
Cooperative Mills, Cincinnati, Ohio (Southern States):							
4873	"Milk Maker" 18% Dairy Feed	18.0	19.4	3.5	4.2	10.0	8.1
4874	Ground Oats	11.0	13.4	4.5	5.4	12.0	10.7
4907	24% Dog Feed	24.0	24.6	4.0	5.0	5.0	4.4
4961	Horse and Mule Feed	9.0	12.0	2.5	4.2	9.0	6.4
4964	16% Milk Maker	16.0	17.1	3.5	5.1	10.0	8.9
4965	"Super" 18% Laying Mash	18.0	19.8	3.5	4.2	7.5	8.5
5111	"Super" 18% Laying Mash	18.0	21.2	3.5	5.0	7.5	8.4
4966	"Market" 18% Laying Mash	18.0	19.6	3.5	4.7	7.5	8.2
5112	"Market" 18% Laying Mash	18.0	19.8	3.5	5.0	7.5	7.8
4982	"Super" 20% Breeding Mash	20.0	22.9	3.5	3.9	7.5	7.6
5082	18% Starting and Growing Mash	18.0	19.3	3.5	3.6	6.5	6.3

Lab. No.	MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER	
		Min. Guar.	Found	Min. Guar.	Found	Max. Guar.	Found
	Dearborn Mills, Aurora, Ind.						
4994	Dearborn 20% Layer Mash	20.0	20.2	4.0	5.1	7.5	7.0
4995	Dearborn 16% Dairy Feed	16.0	15.8	3.5	4.6	12.5	5.1
	The Derwood Mill, Derwood, Md.:						
4927	Derwood Horse Crunch	15.0	15.3	4.0	3.4	10.0	10.5
	The Dewey Bros. Co., Blanchester, O.:						
5095	"Dewco" 18% Dairy Feed	18.0	20.4	3.5	5.7	13.0	13.7 W
	Dixie Mills Co., E. St. Louis, Ill.:						
4887	16% Dairy Feed—"Dixie"	16.0	16.5	3.5	4.8	14.0	14.9
5031	Dixie 13½% Rabbit Pellets	13.5	13.0	3.5	3.4	8.5	5.1
	Duncan & Theiss, LaGrange, Ky.:						
5021	"Dairy Maid" 16% Dairy Feed	16.0	14.6	4.5	6.1	9.0	8.8 h
	The Early and Daniel Co., Cincinnati, O.:						
4880	16% Dairy Feed—"Tuxedo Special"	16.0	15.7	3.5	3.8	14.0	11.5
5025	16% Dairy Feed—"Tuxedo Special"	16.0	16.1	3.5	3.4	14.0	10.0
5114	16% Dairy Feed—"Tuxedo Special"	16.0	17.3	3.5	3.4	14.0	9.7
4919	"Tuxedo" 20% Egg Mash	20.0	22.1	3.5	3.6	7.5	5.3
4930	34% Linseed Oil Meal	34.0	33.9	6.0	7.8	9.0	8.7 w
4985	"Tuxedo" 20% Dairy Feed	20.0	22.4	3.5	5.5	8.5	7.9 C
5027	"Tuxedo Special" 18% Egg Mash	18.0	19.9	3.5	4.1	8.0	6.0
5124	"Tuxedo" 36% Hog Supplement	36.0	35.5	3.5	4.1	7.0	6.5
5125	"Tuxedo" 17½% Starting and Growing Mash	17.5	19.1	4.0	4.1	5.0	6.0
	The F. L. Emmert Co., Cincinnati, O.:						
4990	"Buffalo" 24% Brewers Dried Grains	24.0	28.5	5.0	7.3	15.0	13.2
	John W. Eshelman & Sons, Lancaster, Pa.:						
4885	"Red Rose" 24% Dairy Feed	24.0	24.9	4.0	5.4	11.0	8.0
5032	"Red Rose" 24% Dairy Feed	24.0	22.6	4.0	4.9	11.0	9.9
4886	"Red Rose" 18½% Broiler Ration with A & D Oil	18.5	19.5	4.0	4.6	7.0	6.4
4984	"Red Rose" 15% Sheep Feed	15.0	16.0	4.0	5.2	10.0	6.2
5034	"Red Rose" 20% Laying Mash with A & D Oil	20.0	17.0	3.5	4.6	7.5	7.5
5092	"Red Rose" 16% Dairy Feed	16.0	19.3	4.0	4.5	11.0	9.4
	Famous Feed Mill, Nashville, Tenn.:						
5127	"Famous" 25% Milling Ration	25.0	22.4	3.5	5.1	12.0	6.7
5130	"Famous" 18½% Baby Chick Starting Mash	18.5	22.3	3.5	4.8	6.0	5.4
	Farmers Feed Store, Lexington, Ky.:						
4923	30% Distillers Wheat Dried Grains	30.0	28.8	6.0	11.1	15.0	14.4
4924	"Gregg's" 16% Dairy Feed	16.0	12.4	5.0	4.2	15.0	6.3
4925	"Farmers Best" 24% Dairy Feed	24.0	23.6	4.5	5.8	11.0	8.7
5000	"Farmers Best" 24% Dairy Feed	24.0	23.0	4.5	6.3	11.0	9.1
	Farmers Union Mill, Versailles, Ky.:						
4878	Mixed Feed	14.3	13.5	4.5	5.9	8.5	8.1
	Henry Fischer Packing Co., Louisville, Ky.:						
4967	"Mellwood" 60% Digester Tankage	60.0	61.0	5.0	11.4	2.5	3.2
	Flambeau Milling Co., Phillips, Wisc.:						
4881	"Flambo" 18% Egg Mash	18.0	18.2	4.0	5.3	7.0	7.0
4882	"Flambo" 24% Milk Maker	24.0	22.9	3.5	4.8	10.0	10.1
4972	"Flambo" 24% Milk Maker	24.0	25.3	3.5	4.6	10.0	10.2
4883	"Flambo" 20% Dairy Feed	20.0	19.8	3.5	4.4	11.0	9.8
	Henry Fruechtenicht, Louisville, Ky.:						
4951	"Producer" 16% Dairy Feed	16.0	15.8	3.5	4.3	15.0	13.1
4954	"Blue Grass" 20½% Laying Mash	20.35	18.1	4.65	4.9	5.65	6.3
5100	"Blue Grass" 18% Dairy Feed	18.0	19.1	4.0	3.7	12.0	10.4
	Garland Milling Co., Greensburg, Ind.:						
5075	"Blue Bell" Wheat Feed and Screenings	16.0	14.9	4.0	4.5	8.0	8.5
	General Mills, Minneapolis, Minn.:						
4894	Ben Hur Hard and Soft Wheat Red Dog	14.5	15.1	3.5	3.8	3.5	2.1
4998	"Larro" 18% Dairy Feed	18.0	17.8	3.5	3.7	12.0	9.4
5097	"Larro" 17½% Sow and Pig Builder	17.5	18.8	3.5	3.8	7.0	7.5
5099	"Sonny South" Wheat Gray Shorts and Screenings	16.0	16.2	4.0	4.5	6.0	6.3
5129	"Sonny South" Wheat Mixed Feed and Screenings	15.5	15.3	4.0	4.5	8.5	7.4
	Edward F. Goeke Sons, Evansville, Ind.:						
5055	"Goeke's Ultra-Lifed" 16% All-Mash Poultry Ration	16.0	14.6	4.0	4.6	5.0	5.7

Lab. No.	MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER	
		Min. Guar.	Found	Min. Guar.	Found	Max. Guar.	Found
Gwinn Bros. & Co., Huntington, W. Va.:							
4899	"Merit" 16% Dairy Feed	16.0	18.3	3.5	6.1	15.0	13.4
5048	"Merit" 16% Dairy Feed	16.0	18.4	3.5	5.4	15.0	14.2 P
5038	"Merit" 20% Dairy Feed	20.0	19.7	3.5	4.5	15.0	19.6 Pw
5052	"Gwinn's Make Milk" 20% Dairy Feed	20.0	19.5	4.0	4.4	12.0	11.9
5076	"Merit" 18% Laying Mash	18.0	18.8	3.5	4.1	8.0	10.0 WP
5096	Gwinn's 18% Pig and Hog Feed	18.0	17.4	3.5	4.9	7.0	8.45WP
Hales & Hunter Co., Chicago, Ill.:							
4868	"Red Comb" 18% Univ. Poultry Mash	18.0	21.8	3.5	4.5	6.0	5.8
5122	"Red Comb" 18% Univ. Poultry Mash	18.0	23.0	3.5	3.5	6.0	7.2
4870	"Pioneer" 18% Dairy Feed	18.0	24.0	3.5	5.0	9.0	7.9
4879	"Morning Glory" 17% Growing Mash	17.0	17.9	3.5	3.6	7.0	6.4
4991	"Red Comb" 20% Egg Mash	20.0	22.0	3.5	3.8	7.0	7.3
5051	"Gold Flake" 16½% Dairy Feed	16.5	16.3	3.5	4.3	15.0	13.0
Hardin County Milling Co., Elizabethtown, Ky.:							
5019	"Emerson" 18% Egg Mash	18.0	18.7	3.5	4.0	6.5	5.7
G. M. Haycraft & Son, see Ragland Bros., Leitchfield, Ky.							
Dr. Heinz Company:							
4905	"Heinz Nu-Way" 34% Protein and Mineral Pig and Hog Supplement	34.0	35.0	3.5	6.5	7.0	7.3
Henderson Elevator Co., Henderson, Ky.:							
5064	Bullitt's 20% Egg Mash	20.0	20.9	4.0	4.3	6.0	6.4
5065	"Bullitt's Jersey Cream" 16% Dairy Feed	16.0	17.7	3.5	2.9	15.0	10.4
Home Milling Company, Greenville, Ky.:							
5013	"Champion" 18% Starting Mash	18.0	17.7	3.5	4.7	6.0	7.4
Hopkinsville Milling Co., Hopkinsville, Ky.:							
5126	"Sunflower" Wheat Gray Shorts and Screenings	16.0	15.6	4.0	4.4	6.0	8.1
5128	"Life Cycle" 18% Poultry Mash	18.0	18.0	3.5	4.4	6.75	7.7
Igleheart Bros., Clarksville, Tenn.:							
5002	"Purple Top" 16% Dairy Feed	16.0	21.0	3.5	6.5	15.0	9.8
5007	"Challenger" 18% Dairy Feed	18.0	19.9	3.5	5.4	14.0	9.6
5120	Wheat Bran	14.5	15.2	3.75	3.8	10.0	10.3
The Kansas Milling Co., Wichita, Kans.:							
4931	Wheat Bran and Screenings	14.5	16.5	3.75	4.1	10.0	9.9
Kasco Mills, Toledo, O.:							
4921	"Kasco" 12% Complete Rabbit Ration Pellets	12.0	13.6	2.0	3.5	15.0	13.5
4922	"Kasco" 20% Pig and Hog Feed	20.0	22.1	4.0	5.0	7.0	7.1
4933	"Kasco" Sweet 16% Dairy Feed	16.0	17.9	3.5	5.4	12.0	14.3 W
4983	"Kasco" Sweet 16% Dairy Feed	16.0	18.4	3.5	5.1	12.0	12.9
4942	"Kasco" 18% Broiler-Starter Ration	18.0	20.3	3.5	4.5	7.0	7.7
4943	"Kasco" 14% Rabbit Pellets	14.0	13.9	3.0	3.7	11.0	7.9
4944	"Kasco" 18% Growing Mash	18.0	18.7	3.5	4.9	7.0	7.7
5053	"Kasco Special" 16% Dairy Feed	16.0	16.7	3.0	4.5	15.0	13.8 SRW
5093	"Beatsall" 20% Dairy Feed	20.0	21.6	3.5	4.5	10.0	9.7
Kentucky Chemical Industries, Cincinnati, O.:							
4918	"Provico" 24% Sweet Dairy Feed	24.0	22.2	3.5	4.1	10.0	12.0
5033	"Provico Big V" 18% Egg Mash	18.0	18.3	3.5	4.4	7.0	5.2
F. W. Kibler Milling Co., Mt. Orah, Ohio:							
5073	"Star" 16% Dairy Feed	16.0	17.8	3.5	4.2	15.0	18.5 h
5074	Kibler 24% Dairy Feed	24.0	27.4	3.5	5.5	12.0	9.1
Kittrell Grain & Feed Co., Nashville, Tenn.:							
5117	"O.K." 16% Dairy Feed	16.0	16.2	3.5	3.6	15.0	17.4 w
The Larabee Flour Mills, Kansas City, Mo.:							
5123	"SunFed" Winter Wheat Gray Shorts and Screenings	16.0	17.2	4.0	4.7	6.0	6.9
Lewisport Mill Co., Lewisport, Ky.:							
5070	"Le-Mi-Co" 20% Laying Mash	20.0	19.2	3.5	5.0	6.5	5.4

Lab. No.	MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER	
		Min. Guar.	Found	Min. Guar.	Found	Max. Guar.	Found
Lexington Roller Mills, Lexington, Ky.:							
4911	"Ky. Queen" 21% Turkey Growing Mash	21.0	21.1	4.0	4.3	7.0	6.1
4912	"Ky. Queen" 19% Broiler Ration	19.0	17.3	4.0	4.2	5.5	5.4
4913	"Thoroughbred" 14½% Sheep Feed	14.5	15.2	4.5	4.5	6.0	6.0
4914	"Thoroughbred" 24% Dairy Feed	24.0	25.9	4.0	3.7	8.0	5.9
5022	"Ky. Queen" 20% Double X Egg Mash	20.0	21.6	4.0	3.9	6.0	5.1
5078	"Ky. Queen" 20% Double X Egg Mash	20.0	21.8	4.0	4.0	6.0	5.1
5098	"Bossie" Stock Feed	13.0	10.7	4.0	3.8	7.0	5.8 H
5101	"Thoroughbred" 16% Dairy Feed	16.0	15.7	4.0	3.7	13.0	6.7 h
Marianna Sales Company, Memphis, Tenn.:							
4968	"White Mule" 41% Cottonseed Meal	41.0	40.2	5.0	5.7	12.0	13.5
Master Feed & Seed Co., Madison Wisc.:							
5050	"Gilt Edge" 16% Dairy Feed	16.0	18.3	3.5	4.7	15.0	12.9 P
Gentry McCauley Seed Co., Versailles, Ky.:							
4977	"Pleez-U" 16% Sheep Feed	16.0	17.3	4.0	3.2	12.0	7.1
McGinnis Company, Huntington, W. Va.:							
5037	Reliable 18% Laying Mash	18.0	20.3	3.5	4.3	8.0	6.7
McMillen Feed Mills, Ft. Wayne, Ind.:							
4940	"Master Mix M-V" 35% Sow and Pig Supplement	35.0	37.9	3.5	4.6	8.5	8.7
The Midland Flour Milling Co., No. Kansas City, Mo.:							
4934	"Town Crier" Wheat Gray Shorts and Screenings	16.0	16.6	4.0	4.3	6.0	6.3
4935	"Town Crier" Wheat Bran	14.5	15.2	3.75	4.1	10.0	11.2
Model Mills, Georgetown, Ky.:							
4908	"Best" Mixed Feed	15.5	15.2	4.5	3.6	8.5	6.8
Mt. Vernon Milling Co., Mt. Vernon, Ind.:							
5006	"Poco" Hominy Feed	10.0	10.0	7.0	6.4	6.0	4.8
Myers & Clark, Ashland, Ky.:							
5028	"Ideal" 17% Hog and Pig Ration	17.0	15.9	4.0	4.6	6.0	6.1
5090	"Ideal" 17% Hog and Pig Ration	17.0	16.5	4.0	4.5	6.0	5.0
4897	"M & C" 20% Hog and Pig Mix	20.0	13.7	4.0	3.6	7.0	6.3
5029	"Ideal" 18% Laying Mash	18.0	14.0	4.0	3.9	8.0	6.2 W
5046	"Ideal" 18% Laying Mash	18.0	15.9	4.0	5.7	8.0	6.5
4896	"Ideal" 20% Laying Mash	20.0	16.4	4.5	3.9	7.0	6.6
5083	"Ideal" 20% Laying Mash	20.0	16.9	4.5	5.4	7.0	5.5
5088	"Ideal" 20% Laying Mash	20.0	16.7	4.5	4.3	7.0	5.8
5045	"Ideal" 18% All-Mash Starter and Grower	18.0	16.5	4.0	5.7	6.0	4.1
5084	"Ideal" 18% All-Mash Starter and Grower	18.0	16.4	4.0	4.3	6.0	3.5
5089	"Ideal" 18% All-Mash Starter and Grower	18.0	16.2	4.0	4.0	6.0	3.2
5047	"Ideal" 18% Dairy Feed	18.0	15.9	4.5	5.1	11.0	8.5
5085	"Ideal" 20% Dairy Feed	20.0	19.6	4.0	5.4	11.0	10.3
5091	"Ideal" 20% Dairy Feed	20.0	19.8	4.0	7.0	11.0	9.6
5086	"Ideal" Horse and Mule Feed	10.0	10.2	3.5	7.2	11.0	10.6
5087	"Ideal" Horse and Mule Feed	10.0	9.3	3.5	4.6	11.0	7.2
National Milling Branch of National Biscuit Co., Toledo, O.:							
4891	"Namico" Wheat Gray Middlings and Screenings	16.0	15.1	4.0	4.4	6.0	5.6
National Oats Company, E. St. Louis, Ill.:							
5077	Corno 15% Hog Fattener	15.0	17.4	3.5	3.7	7.0	6.3
5118	Corno 16% Dairy Feed	16.0	18.1	3.5	4.2	15.0	12.5
5132	Corno 17% Chick Starting and Growing Mash	17.0	17.0	3.5	3.9	7.0	7.0
The New Era Milling Co., Arkansas City, Kans.:							
5079	"Polar Bear" Wheat Gray Shorts and Screenings	16.0	16.3	4.0	3.9	5.5	5.9

Lab. No.	MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER	
		Min. Guar.	Found	Min. Guar.	Found	Max. Guar.	Found
North American Fertilizer Co., Louisville, Ky.:							
5020	"Nafco" Hominy Feed	10.0	10.8	7.0	5.2	6.0	5.9
Chas. Nunn & Sons Milling Co., Evansville, Ind.:							
5059	"Nunn Better" 20% Egg Mash.....	20.0	20.3	4.0	4.6	6.0	6.5
Owensboro Grain Co., Owensboro, Ky.:							
5014	39% Soybean Oil Meal and Mineral...	39.0	40.0	4.0	6.9	7.0	6.9 SR
5056	39% Soybean Oil Meal and Mineral...	39.0	40.5	4.0	6.7	7.0	6.3 hw
Owensboro Milling Co., Owensboro, Ky.:							
5058	"TruTest" 17% All-Purpose Poultry Mash	17.0	16.9	4.0	5.4	6.0	6.0
5071	"Star" 16½% Dairy Feed	16.5	14.3	3.5	4.3	10.0	10.8
Ph. H. Postel Milling Co., Mascoutah, Ill.:							
5103	"Elegant" 18% Dairy Ration.....	18.0	20.0	5.6	5.5	9.5	12.8 W
Pratt Food Co., Hammond, Ind.:							
4898	Pratt's Complete 14% Rabbit Pellets...	14.0	18.6	2.0	3.8	20.0	15.2
5042	Pratt's 18% Laying Mash	18.0	18.6	3.5	4.1	7.5	5.6
5044	Pratt's 24% Dairy Supplement.....	24.0	24.4	4.0	5.2	10.0	7.2
5043	Pratt's 18% Dairy Feed	18.0	20.6	4.0	5.9	10.0	9.2
Provico Feeds & Concentrates, Cincinnati, O.:							
4892	16% Dairy Feed	16.0	15.6	4.0	3.3	7.0	7.2 po
4900	"Big V" 20% Egg Mash	20.0	19.4	3.5	5.4	7.0	6.4
4999	"Big V" 16% Dairy Feed	16.0	16.6	3.5	4.4	15.0	11.7
Purcell Seed Co., Evansville, Ind.:							
5054	"Purcello" 16% All-Mash Poultry Ration	16.0	16.4	4.0	4.0	5.0	5.1
The Quaker Oats Co., Chicago, Ill.:							
4938	"Ful-O-Pep" 17% Chick Starter	17.0	18.0	4.0	5.1	6.0	6.8
4960	"Victor Economy" 16% Dairy Feed...	16.0	16.4	3.5	3.8	12.0	13.2
4957	"Quaker" 16% Dairy Feed	16.0	17.0	3.5	4.2	9.0	5.7
5061	"Quaker" 16% Dairy Feed	16.0	16.8	3.5	3.4	9.0	5.6
5062	"Quaker Schumacher" Sweet Feed...	10.0	10.5	3.0	3.6	12.0	11.3
Ragland Bros. (G. M. Haycraft & Son), Leitchfield, Ky.:							
5017	Ragland's 18% Laying Mash	18.0	19.0	3.5	4.3	7.0	5.5
5010	Haycraft's 18% Baby Chick Starting Mash	18.0	18.5	3.5	4.1	6.0	5.6
5015	Haycraft's 17% Growing Mash.....	17.0	17.1	3.5	4.2	7.0	5.6
5016	Haycraft's 20% Dairy Feed	20.0	22.7	3.5	4.1	8.0	7.5 C
Ralston Purina Co., St. Louis, Mo.:							
4866	Purina 18% Lay Chow	18.0	18.9	3.5	4.6	8.0	8.2
4890	"Protana" 16% Dairy Feed	16.0	17.7	3.5	4.3	15.0	12.2
5133	"Protana" 16% Dairy Feed	16.0	19.7	3.5	5.5	15.0	14.4 W
4989	Purina 22% Lay Chow	22.0	23.5	3.5	4.7	8.0	8.6
5060	Purina 22% Lay Chow	22.0	24.1	3.5	5.3	8.0	8.4
5011	Purina Omolene	10.0	11.9	3.0	5.1	10.0	10.0
5057	Purina 18% Chick Startena	18.0	20.5	4.0	4.9	6.0	5.1
5109	Purina 34% Cow Chow Supplement...	34.0	37.9	3.5	5.1	9.0	5.6
Schultz, Baujan & Co., Beardstown, Ill.:							
4884	"Critic" 18% Pig and Hog Meal.....	18.0	17.4	3.5	4.3	7.0	6.2
5026	"Critic" 16% Dairy Feed	16.0	16.8	3.5	3.6	15.0	13.7 W
5035	"Critic" 19% Broiler Ration.....	19.0	19.7	4.0	4.3	6.0	6.6
5036	"Critic" 18% Starting and Growing Mash	18.0	18.5	3.5	4.5	7.0	7.2
Joseph E. Seagram & Sons, Louisville, Ky.:							
4974	Seagram's 24% Distillers Corn Dried Grains	24.0	20.0	7.0	8.2	14.0	16.6
4986	Seagram's 30% Distillers Corn Dried Solubles	30.0	34.7	5.0	16.5	3.0	4.9
The Sherwin-Williams Co., Cleveland, O.:							
4917	"Sherwin-Williams" 34% Linseed Oil Meal	34.0	34.3	4.5	7.7	9.0	9.1
Simpson County Mills, Franklin, Ky.:							
5131	Mixed Feed	14.0	15.4	4.0	4.1	9.0	6.6

Lab. No.	MANUFACTURER AND BRAND	PROTEIN		FAT		FIBER	
		Min. Guar.	Found	Min. Guar.	Found	Max. Guar.	Found
	Southern States Cooperative, see Cooperative Mills, Cincinnati, O.						
	Woodford Spears & Sons, Paris, Ky.:						
4979	Bourbon 14½% Sheep Feed	14.5	14.5	3.5	4.0	9.0	6.2
	The Geo. T. Stagg Co., Frankfort, Ky.:						
4876	28% Distillers Corn Dried Grains.....	28.0	26.0	7.5	9.7	13.0	12.7
4973	28% Distillers Corn Dried Grains.....	28.0	26.8	7.5	12.0	13.0	11.1
	Staley Milling Co., Kansas City, Mo.:						
5110	"Staley's Record" 18% Egg Mash.....	18.0	20.2	3.5	3.5	8.0	8.5
	A. E. Staley Mfg. Co., Decatur, Ill.:						
4903	Staley's 41% Soybean Oil Meal.....	41.0	44.8	3.5	4.5	7.0	6.9
	Standard Milling Co., Elkton, Ky.:						
5005	Mixed Feed	13.0	12.6	3.0	3.8	8.0	8.7
	Star Roller Mills, Cloverport, Ky.:						
5066	Mixed Feed	15.25	12.1	4.0	3.6	8.0	5.5
	Sun-Ray Feed Mills, Bowling Green, Ky.:						
5067	"Booster" 18% Laying Mash.....	18.0	17.3	3.5	4.1	7.0	5.9
4959	"Booster" 16% Stock Feed.....	16.0	14.8	3.5	4.6	9.0	7.6 W
5018	"Booster" 16% Stock Feed.....	16.0	14.4	3.5	4.9	9.0	7.6 W
5008	"Sun-Ray" 16% Dairy Feed.....	16.0	18.0	3.5	5.3	10.0	9.3 W
	Sun-Ray Feed Mills, Lexington, Ky.:						
5040	"Sun-Ray" 18% Broiler Ration.....	18.0	18.4	4.0	4.2	5.0	5.4
5945	"Sun-Ray" 20% Laying Mash.....	20.0	20.9	4.0	4.3	6.0	7.2
4978	"Sun-Ray" 20% Dairy Ration.....	20.0	19.1	3.5	4.5	8.0	9.8 W
5039	"Sun-Ray" 20% Dairy Ration.....	20.0	19.7	3.5	4.3	8.0	9.3 w
	Sunshine Feed Store, Louisville Ky.:						
4971	"Derby City" 24% Dairy Feed.....	24.0	24.0	3.5	4.3	10.0	6.7
	D. B. Sutherland & Sons, Bloomfield, Ky.:						
4970	"Ky. Star" 15% Hog Feed.....	15.0	14.6	3.5	4.1	7.0	5.2
	Sweet Feed Mills, Bowling Green, Ky.:						
4953	Ace 16% Dairy Feed.....	16.0	15.4	3.5	3.5	12.0	12.1
5009	Ace 24% Feed	24.0	18.3	4.0	4.8	12.0	11.3
	Swift & Company Oil Mills, Atlanta, Ga.:						
4902	"Swift's Cotton Bloom" Cottonseed Meal	41.0	40.7	5.0	6.1	10.0	12.6
	Tell City Flouring Mills, Tell City, Ind.:						
5069	"Hoosier" 18% Egg Producer Mash.....	18.0	17.9	3.5	4.6	7.0	5.8
	The Ubiko Milling Co., Cincinnati, O.:						
4888	"Union Grains Life Guard" 20% Dairy Ration	20.0	21.4	4.0	4.2	10.0	7.9
4949	"Union Grains Life Guard" 20% Dairy Ration	20.0	17.9	4.0	4.6	10.0	8.8
4889	"Clover Bloom" 16% Dairy Feed.....	16.0	16.6	3.5	5.2	12.0	13.1 H
4936	"Clover Bloom" 16% Dairy Feed.....	16.0	17.3	3.5	5.4	12.0	12.8 W
5116	"Life Guard" 18% Starter.....	18.0	18.0	4.0	4.9	5.0	6.3
4929	"Life Guard" 16% All-Mash Laying Ration	16.0	14.5	4.0	3.9	6.0	6.0
4937	"Crusader" Horse Feed.....	9.0	10.4	2.5	4.3	10.0	8.6
4988	"Life Guard" 20% Egg and Breeder Mash	20.0	21.1	4.0	5.9	6.0	6.3 w
	Winchester Milling Co., Winchester, Ky.:						
4901	"Perfection" Feed	14.0	12.0	4.0	3.3	10.0	6.7
	Winn Milling Co., Greensburg, Ky.:						
4962	Daisy Farm Feed	16.0	13.0	3.5	3.9	12.0	11.3
4963	Daisy 18% Laying Mash.....	18.0	20.1	3.5	4.9	7.0	7.9
5068	Daisy 18% Laying Mash.....	18.0	18.9	3.5	4.7	7.0	6.6