

Commercial Feeds in Kentucky, 1950

Including Report on Official Feed
Samples Analyzed

October–December, 1950



Kentucky Agricultural Experiment Station
University of Kentucky
Lexington

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COMMERCIAL FEEDS IN KENTUCKY, 1950

The mixed feed business in Kentucky during 1950 was very good. Tonnage was a little less than in 1949, but the quality of feeds showed continued improvement. Of all the samples analyzed 70.3% met their guarantee or came within the tolerance of .5% of chemical guarantee. This compared with 68% in 1949.

It is the plan to lend further encouragement to companies in lifting this percentage still further. It can be done with greater care in manufacturing and mixing.

In 1950, inspectors made 9,804 calls on feed dealers and collected 3,607 samples of feed. In 1949, 3,359 samples were collected.

The estimated tonnage of commercial feeds consumed in Kentucky during 1950, based on the sale of guaranty tags, was 584,441 tons. This was 22,814 less than in 1949.

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

1940-----	356,138
1941-----	350,000
1942-----	426,805
1943-----	630,438
1944-----	663,039
1945-----	671,351
1946-----	647,661
1947-----	582,375
1948-----	634,000
1949-----	607,255
1950-----	584,441

Of the tonnage for 1950, 139,821 tons were dairy feed; 58,994 tons, hog feed; 13,920 tons, horse and mule feed; 142,987 tons, poultry feed; 13,230 tons, turkey feed; 28,084 tons, scratch feed; 4,587 tons, rabbit feed; 560 tons, sheep feed; 4,246 tons, calf feed; 10,540 tons, stock feed; 10,326 tons, dog and cat feed; 290 tons, goat feed; 5,077 tons, mineral feed; 136,426 tons, straight products and by-products; and 9,813 tons, miscellaneous.

A summary of estimated sales by class of feed is given in Table I.

REGULATORY BULLETIN NO. 88

TABLE 1. SUMMARY OF SALES BY CLASS OF FEED, KENTUCKY, 1950

FEED	TONS	FEED	TONS
STRAIGHT PRODUCTS AND BY-PRODUCTS		SPECIAL PURPOSE FEEDS (Continued)	
Alfalfa Meal -----	760	Dog Feed -----	9,768
Barley, Ground -----	160	Cat Feed -----	228
Bone Meal -----	580	Dog & Cat Feed -----	330
Brewers Dried Grains -----	2,720	Goat Feed -----	290
Corn, Ground -----	2,584	Hog Feed	
Corn, Meal -----	60	Fattening and Growing -----	26,912
Corn Feed Meal -----	460	Protein Supplement -----	32,082
Corn By-Products Feed -----	980	Total Hog Feed -----	58,994
Corn Gluten Feed -----	240		
Cracked Corn -----	23,471	Horse and Mule Feed	
Crushed Ear Corn -----	360	Horse and Mule Feed, yellow tag-----	400
Cottonseed Meal -----	8,380	Horse and Mule Feed, white tag--	13,520
Cottonseed Meal (Solvent) -----	320	Total Horse and Mule Feed -----	13,920
Distillers Dried Grains -----	1,160		
Distillers Dried Solubles -----	580	Duck Feed -----	280
Hominy Feed -----	12,180	Pigeon Feed -----	60
Hominy Meal -----	5,400	Poultry Grains	
Linseed Oil Meal -----	500	Chick -----	2,884
Meat Scraps -----	400	Hen -----	25,200
Meat & Bone Scrap -----	1,950	Total Poultry Grains -----	28,084
Mixed Feed -----	9,070		
Oats, Ground -----	840	Poultry Mash (Chickens)	
Oat Hull Feed -----	480	All Mash Starter and Grower ----	9,405
Soybean Oil Meal -----	16,120	All Mash Laying -----	4,484
Soybean Oil Meal (Solvent) -----	3,860	Fattening Mash -----	1,940
Soybean Feed (Extracted) -----	300	Flushing Feed -----	80
Tankage -----	3,131	Growing Mash -----	14,405
Wheat, Ground -----	320	Starting Mash -----	10,914
Wheat, Bran -----	6,360	Starting & Growing Mash -----	15,999
Wheat Brown Middlings and Shorts--	3,160	Broiler Mash -----	20,060
Wheat Gray Middlings and Shorts--	21,780	Laying Mash -----	61,091
Wheat Flour Middlings -----	120	Protein Supplement -----	4,609
Wheat Red Dog Flour-----	860	Total Chicken Mash -----	142,987
Wheat Mixed Feed -----	3,960		
Wheat Feeds-----	2,820	Poultry Mash (Turkeys)	
Total Products and By-Products	136,426	Turkey Starting Mash -----	2,730
		Turkey Growing Mash -----	6,940
SPECIAL PURPOSE FEEDS		Turkey Laying Mash -----	2,280
Calf Feed -----	4,246	Turkey Supplement -----	1,280
Dairy Feed		Total Turkey Mash -----	13,230
16% Protein, yellow tag -----	26,800		
16% Protein, white tag -----	22,498	Rabbit Feed -----	4,587
18% Protein, yellow tag -----	100	Sheep Feed -----	560
18% Protein, white tag -----	4,720	Stock Feed -----	10,540
20% Protein, yellow tag -----	1,400	Mineral Feed -----	5,077
20% Protein, white tag -----	25,650	Protein & Mineral Feed -----	5,200
24% Protein, yellow tag -----	4,560	Miscellaneous -----	9,813
24% Protein, white tag -----	41,620		
Protein Supplement -----	9,813		
Dry, Freshening, and Fitting Feed	2,660		
Total Dairy Feed -----	139,821		
		4	Grand Total-----
			584,441

COMMERCIAL FEEDS, 1950

PURPOSE OF FEED LAW

Laws have as their basic principles right and justice, protection and service, and if properly administered are great educators. Successful administration depends largely upon the cooperation of those whose interests they affect. The active interest and degree of cooperation of those so affected depend also on adequate knowledge of the provisions of the law and the ends to be attained in its proper operation. The operation of a law, therefore, should not only properly regulate or control, but should be educative as well. In the administration of the feedstuffs control in Kentucky this two-fold purpose has always been kept in view.

The manufacture and distribution of commercial feeds have reached large proportions. Inasmuch as the feeders of Kentucky alone pay annually upwards of fifty million dollars for stock feed, exclusive of whole grains and roughages, it is very important that the feeder, as well as the manufacturer and distributor, understand the significance of the feedstuffs law and its operation, and the various terms relative to the manufacture and distribution of feedstuffs.

REQUIREMENTS OF LAW

The State feedstuffs law requires each brand of commercial feed to be registered with the Feed Control Department of the Kentucky Agricultural Experiment Station and each bag of feed to be labeled with a Kentucky official tag giving the manufacturer's guaranty, before it can be lawfully sold or offered for sale in the State. Before an application for registration is accepted, it is examined carefully to see if the requirements of the law have been met, as to chemical standards and information given as to the nature of the materials used in making the feed, the amount of essential organic ingredients, and the limitation of fillers or materials of little or no feeding value as concentrates. Because of this close examination of registrations, many irregularities are eliminated before the feed appears on the market. After registrations are accepted and the feed appears on the market, inspections are made and samples taken and analyzed, to compare them with their registrations and guaranties. If a feed is found to be misbranded or adulterated, proper hearing is given the manufacturer and if the case merits, court action is entered against the offender and the registration is subject to cancellation.

THE STATE TAG

The official tag or label not only informs the buyer that sale of the feed in question is authorized under the State law, but also gives information as the character of the feed. The purchaser should read carefully that part of the printed matter which tells what materials are contained in the feed, and the chemical analysis. The information given is sufficient to enable a feeder to select the feed that best suits his purpose, in quality and cost. Sometimes, however, feeders neglect to consider the statements on the tag, and buy trashy feed, of low feeding value. Though such feeds may be lower in price per 100 pounds, the actual feeding value may be more expensive than in a good, clean feed at a higher price per 100 pounds. The Department is striving to impress upon feeders the importance of reading and studying the information given on the official tags, when selecting feeds.

To mark more conspicuously certain important differences in the character of feeds, thereby making easier the selection by the purchaser, the Department issues tags according to a three-color scheme, as follows:

A manila tag printed with black ink designates a "straight" feed, that is, a feed made from only one grain or plant. Examples: wheat bran; wheat middlings; cottonseed meal; linseed oil meal; corn feed meal.

A manila tag printed with red ink designates a feed made of the products or by-products of two or more grains or plants, that is a "straight mixed" feed. Examples: wheat bran and corn bran; wheat bran, corn feed meal and cottonseed meal; corn, oats and alfalfa meal. The tag plainly tells what the materials are.

A yellow tag printed with black ink designates a feed containing a material of little or no nutritive value. Examples: oat hulls; cottonseed hulls; screenings; screenings waste or refuse; or other material containing an excessive percentage of fiber.

If a feeder wants to buy a trashy feed, it is his privilege to do so. Such materials may be useful as "roughage" tho containing little nutriment. But it is important that he consider make-up of the feed, as stated on the tag, in making a selection. Usually the nutrients in such feeds are more costly, even at the lower price, than they would be if purchased in feeds of better grade.

SUGGESTIONS TO FEEDERS

No feeder can get the best and most economical results unless he exercises due intelligence in purchasing his feeds. The value of a feed depends upon that portion of the nutrients which an animal can digest, under ordinary conditions, and take into its system, to keep up heat and energy, produce growth, and repair the natural waste of the body. It will be of much value to a feeder if he will observe the following suggestions, when buying commercial feeds:

Read and study carefully the information given on the official tag. The information on the tag is sufficient to give the purchaser adequate knowledge of the character of the feed.

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A feeder should see what ingredients are used and that the feed contains ingredients easy to digest and high in energy.

The following are usually considered High Grade Feed ingredients:

Rich in feed value but low in protein:

- All the Grains
- Hominy Feed
- Corn Feed Meal

Rich in feed value and high in protein:

- Linseed Meal
- Cottonseed Meal
- Soybean Oil Meal
- Corn Gluten Feed
- Distillers Dried Grains

The following ingredients usually result in Low Grade Feeds:

- Screenings Refuse & most ground Screenings
- Oat Hulls
- Oat Mill Feed
- Flaxseed Screenings Oil Feed
- Ground Corn Cob
- Soybean Mill Feed
- Ground Hay (unless needed as source of vitamins).

These feeds are hard to digest and will not produce as well as feeds manufactured from high grade ingredients. Such feeds carry a yellow tag in Kentucky.

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Buy no feed that is not registered and tagged with a Kentucky official tag. If the feed is not labeled with a Kentucky tag, it is being sold in violation of the law. Besides, the purchaser has no way of knowing what is in the feed.

Learn the reputation of feed manufacturers. Pick the ones making quality feeds.

How can this be done? Study the tag on the bag. Also study Feed Bulletins published by the Feed Department, Kentucky Agricultural Experiment Station, Lexington, Kentucky.

Bulletins published every three months give the analyses of feed sampled. A farmer can study these results and see which manufacturers are exercising the greatest care in labeling. A manufacturer who sees to it that the label accurately represents the product is likely to be just as careful in seeing that these products are carefully formulated and manufactured to do a good job in the chicken house or feedlot.

COMMERCIAL FEEDS, 1950
AVERAGE COMPOSITION OF THE MORE COMMON FEEDSTUFFS

Feedstuff	Protein	Fat	Carbohydrate		Water	Ash
			Fiber	N. F. Extract		
Alfalfa Leaf Meal	21.0	2.8	16.0	40.5	7.7	12.0
Alfalfa Meal	14.0	2.0	30.0	36.0	9.0	9.0
Barley	12.0	2.0	5.4	67.3	10.6	2.7
Barley Feed	13.5	3.5	8.7	60.9	9.3	4.1
Beet Pulp, dried	9.2	0.5	19.8	57.2	9.9	3.4
Blood, dried	84.5	1.1	1.0	0.7	8.2	4.5
Bone Meal, raw	26.0	5.0	1.0	2.5	6.4	59.1
Bone Meal, steamed	7.1	3.3	0.8	1.8	5.7	81.3
Brewers Dried Grains	25.0	6.4	16.0	41.0	7.7	3.9
Buckwheat	10.8	2.5	10.5	62.3	12.0	1.9
Buttermilk, dried	33.0	6.0	0.3	43.1	7.6	10.0
Buttermilk, Semi-Solid	13.4	3.0	0.0	15.9	65.0	2.7
Citrus Meal	5.9	3.1	11.5	62.7	9.9	6.9
Coconut Oil Meal	20.5	8.0	10.5	45.0	9.5	6.5
Corn	8.0	3.9	2.0	69.9	15.0	1.2
Corn Bran	9.7	7.3	9.2	62.0	9.4	2.4
Corn & Cob Meal	7.0	3.5	8.0	66.1	14.0	1.5
Crushed Ear Corn & Husks	7.0	3.0	10.6	69.2	11.0	1.8
Corn Chop	8.0	3.5	2.0	71.0	14.0	1.5
Corn Feed Meal	8.0	4.5	3.0	71.1	11.4	2.0
Corn Germ Meal	21.0	9.0	9.0	50.7	7.0	3.3
Corn Gluten Feed	25.5	2.7	7.6	48.8	9.1	6.3
Corn Gluten Meal	43.1	2.0	4.0	39.8	8.6	2.5
Cottonseed Meal	41.5	6.3	10.4	28.1	7.2	6.5
Cottonseed Meal, solvent	44.4	2.6	12.7	24.3	9.2	6.8
Cottonseed Feed	34.6	6.3	14.1	31.5	7.6	5.9
Distillers Dried Grains, Corn	28.3	8.8	11.4	41.9	7.1	2.5
Distillers Dried Grains, Rye	18.5	6.4	15.6	51.0	6.1	22.4
Distillers Dried Solubles	30.0	5.0	3.0	47.6	7.0	7.4
Fish Meal	63.9	6.8	0.6	4.0	7.1	17.6
Flaxseed	22.6	33.7	7.1	23.2	9.2	4.3
Flaxseed Screenings Oil Feed	25.0	7.1	11.7	40.3	8.1	7.8
Hominy Feed	11.2	6.9	5.2	64.2	9.6	2.9
Lespedeza Seed	36.6	7.6	9.6	32.8	8.3	5.1
Linseed Oil Meal	35.4	5.8	8.2	36.0	9.0	5.6
Linseed Oil Meal, solvent	36.9	2.9	8.7	36.3	9.6	5.6
Malt Sprouts	26.8	1.3	14.2	44.3	7.4	6.0
Meat Scraps, 55%	55.8	9.3	2.1	1.3	6.1	25.4
Meat & Bone Scraps, 50%	51.0	10.1	2.1	1.6	6.1	29.1
Molasses, Cane	3.2	0.0	0.0	65.0	25.7	6.1
Molasses, Beet	9.0	0.0	0.0	62.0	22.0	7.0
Oats	11.5	4.6	11.0	60.9	10.4	3.4
Oat Kernels	16.0	6.4	1.6	66.0	8.0	2.0
Oat Middlings	15.9	5.2	3.3	64.6	8.6	2.4
Peanut Kernels	30.4	47.7	2.5	11.7	5.4	2.3
Peanut Oil Meal	43.5	7.6	13.3	23.4	7.0	5.2
Peanut Oil Meal, solvent	51.5	1.4	5.7	27.2	8.4	5.8
Peanut Skins	15.9	22.4	10.6	42.2	6.2	2.7
Rice Bran	12.5	12.5	12.5	44.0	9.0	9.5
Rye	11.8	1.8	1.8	73.2	9.4	2.0
Rye Middlings	15.5	3.7	5.5	61.7	9.8	3.8
Skim milk, dried	34.0	1.0	0.0	51.0	6.0	8.0
Sorghum Grains	9.5	3.4	2.0	72.2	12.0	1.9

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Average Composition of the More Common Feedstuffs, Continued

Feedstuff	Protein	Fat	Carbohydrate		Water	Ash
			Fiber	N. F. Extract		
Soybean (Seed)	36.5	17.5	4.3	26.5	9.9	5.3
Soybean Oil Meal	44.3	5.3	5.7	29.6	9.1	6.0
Soybean Oil Meal, solvent	46.1	1.0	5.9	31.8	9.4	5.8
Tankage, 60%	60.6	8.5	2.0	1.8	6.9	20.2
Tankage with bone 50%	51.3	11.5	2.3	2.3	6.2	26.1
Wheat	10.5	1.7	2.8	72.9	10.2	1.9
Wheat Bran	14.0	3.5	9.5	56.9	10.1	6.0
Wheat Mixed Feed	13.5	3.5	7.5	60.2	10.1	5.2
Wheat Brown Middlings or Shorts	15.0	3.5	7.1	58.7	10.3	5.4
Wheat Gray Middlings or Shorts	15.0	3.5	6.0	60.6	10.5	4.4
Wheat Flour, Red Dog	16.0	3.5	3.0	66.4	8.5	2.6
Wheat Flour, Patent	10.9	1.3	0.4	74.7	12.3	0.5
Wheat Germ Meal	26.0	8.0	2.5	50.1	8.9	4.5
Wheat, Screenings-Grain	10.5	1.7	2.8	70.8	9.6	4.6
Whey, dried	12.2	0.8	0.2	70.4	6.5	9.9
Yeast, Brewers, dried	49.3	1.0	3.7	31.9	6.2	7.9
Yeast, irradiated, dried	48.7	1.1	5.5	32.2	6.1	6.4

ROUGHAGES

Alfalfa Hay	14.5	2.3	29.7	36.3	8.6	8.6
Blue Grass Hay	8.2	2.5	29.8	42.5	10.5	6.5
Clover Hay, Red	11.8	2.6	27.3	40.1	11.8	6.4
Corn Stover, without ear	5.9	1.6	30.8	46.5	9.4	5.8
Corn Stover, with ear	7.8	2.2	27.1	47.6	8.9	6.4
Cowpea Hay	18.6	2.6	22.5	35.1	9.9	11.3
Fescue Hay	7.0	1.9	30.3	43.2	11.8	6.8
Lespedeza Hay	13.5	2.5	28.0	40.1	10.5	5.4
Soybean Hay	15.5	2.8	26.5	38.7	9.2	7.3
Timothy Hay	6.2	2.5	29.8	45.0	11.6	4.9

FILLERS

Alfalfa Stem Meal	11.5	1.3	36.3	34.8	9.0	7.1
Corn Cob	2.3	0.4	32.1	54.0	9.6	1.6
Cottonseed Hulls	3.9	1.0	45.5	37.2	9.7	2.7
Flax Plant By-Product	6.4	2.1	44.4	33.1	8.1	5.9
Oat Mill Feed	5.6	1.8	27.9	50.8	7.6	6.3
Oat Hull Feed	3.5	1.5	32.5	49.3	7.6	5.6
Oat Hulls	3.0	1.0	35.0	47.7	6.8	6.5
Screenings*						
Screenings refuse**						

* Varies in quality from fair to poor.

**Varies in quality from poor to worthless and even dangerous.

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Miscellaneous Samples Analyzed in 1947-50

Feedstuff	Protein	Fat	Fiber
Barley Bran	15.2	5.2	14.9
Blue Grass Chaff	7.1	1.9	28.5
Blue Grass Screenings	6.7	2.0	26.1
Blackberry Seeds	9.6		
Buckwheat Feed & Hulls	9.6	2.9	22.4
Cake, Ground	4.8	9.9	1.5
Corn Fodder & Soybean Plant	10.1	3.9	17.0
Cracklings, Edible	67.1	28.1	1.1
Cracklings, Inedible	44.1	22.2	3.0
Ice Cream Cones, Ground	9.2	1.5	0.7
Lima Beans, Ground	21.5	1.5	6.1
Malt Hulls, Ground	10.3	1.8	22.5
Peanut Vine Meal	10.1	2.3	34.0
Popcorn, Ground	9.4	2.5	2.7
Popcorn, Popped & Crushed	8.4	12.8	2.9
Potato Flour	2.0		
Potato Flakes	9.0		
Sorghum, Ground (Stalk & Leaves)	4.1	2.9	19.6
Vetch Seed	26.4	0.7	7.6
Walnut Shells & Meats	13.2	24.2	27.1
Walnut Meat Skins & Small Amount of Shell	21.5	45.5	12.0
Wheat Toast, Ground	12.6	4.9	0.5

REGULATORY BULLETIN NO. 88
 REPORT OF OFFICIAL DOG FEED SAMPLES ANALYZED
 October, November, December, 1950

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 underline, asterisks, and (where necessary) appropriate remarks.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
ALBERS MILLING COMPANY, LOS ANGELES, CALIFORNIA						
Friskies Dog Food	10.0	<u>9.4</u>	2.5	3.2	1.0	.5
ALLIED MILLS, INC., CHICAGO, ILLINOIS						
Wayne Dog Food Krums	25.0	27.2	6.0	8.1	5.0	2.8
AMERICAN CRABMEAT COMPANY, INC., BOSTON, MASSACHUSETTS						
3 Little Kittens Cat Food	17.0	17.4	.5	.9	.1	.6
ANDERSON FOOD COMPANY & BUSH BROS. & CO., CLINTON, TENNESSEE						
Tony Dog Food	10.0	10.9	2.0	2.5	1.5	1.3
Tony Dog Food	10.0	11.7	2.0	1.8	1.5	1.1
Tony Dog Food	10.0	11.0	2.0	2.5	1.5	1.1
ANIMAL FOUNDATION, INC., SHERBURNE, NEW YORK						
Hunt Club Dog Food	25.0	24.9	5.0	6.0	4.0	2.0
ARMOUR & COMPANY, CHICAGO, ILLINOIS						
Armour Dash Dog Food	10.5	11.7	2.5	2.9	1.0	.6
Armour Dash Dog Food	10.5	11.4	2.5	3.0	1.0	.5
Armour Dash Dog Food	10.5	11.4	2.5	4.0	1.0	.7
GREAT ATLANTIC & PACIFIC TEA CO., NEW YORK, NEW YORK						
Daily Dog Food Whole Biscuit	22.0	23.3	3.0	3.5	3.5	2.1
Daily Dog Food (Diet 2)	12.0	12.5	3.0	3.6	1.5	1.3
ATLAS CANNING COMPANY, GLENDALE, LONG ISLAND, NEW YORK						
Laddie Boy Dog & Cat Food	9.0	<u>8.0</u>	2.0	1.9	1.5	1.2
AUBREY & COMPANY, LOUISVILLE, KENTUCKY						
Red 'A' Dog Food	24.0	27.1	3.0	5.6	5.5	4.2
BALLARD & BALLARD COMPANY, INC., LOUISVILLE, KENTUCKY						
Ballard Dog Food	10.0	10.5	2.0	2.5	1.5	1.4
Insurance 24% Dog Food	24.0	<u>20.2</u>	4.0	4.3	4.0	3.4
Very much below guarantee in protein.						
Insurance 24% Dog Food	24.0	24.5	4.0	<u>3.0</u>	4.0	4.4
BUHNER & COMPANY, LOUISVILLE, KENTUCKY						
Happy Farmer 25% Dog Food	25.0	24.9	3.0	5.2	5.0	3.0
CARSON FOOD COMPANY, DANVILLE, ILLINOIS						
Hi-Spot Dog Food	17.0	24.3	4.0	<u>13.6</u>	1.5	.3
Excess fat						

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

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MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
CENTRAL KENNEL SUPPLY COMPANY, DIVISION OF PROVICO FOOD CO., DAYTON, OHIO						
Tippy Dog Food	24.0	31.3	4.5	9.1	4.0	3.4
CLOVER FARM STORES CORP., CLEVELAND, OHIO						
KWIK Meal Dog Food	10.0	9.7	2.0	3.3	1.25	.7
COAST FISHING CO., WILMINGTON, CALIFORNIA						
Puss 'n Boots Cat Food	12.0	14.6	3.0	5.3	1.0	.9
COOPERATIVE MILLS, INC., CINCINNATI, OHIO						
24% Dog Food	24.0	27.9	4.0	5.3	5.0	3.7
24% Dog Food	24.0	25.4	4.0	5.9	5.0	3.6
THE CUDAHY PACKING COMPANY, CHICAGO, ILLINOIS						
Tally-Ho Dog Food	10.0	11.0	2.5	4.0	1.5	.5
DIXIE MILLS CO., EAST ST. LOUIS, ILLINOIS						
Dixie 24% Dog Food	25.0	31.6	4.5	5.2	3.5	2.2
DOYLE PACKING COMPANY, MOMENCE, ILLINOIS						
Strongheart Rations Dog and Cat Food	10.0	9.2	2.0	1.8	1.0	.6
Strongheart Rations Dog and Cat Food	10.0	10.9	2.0	2.3	1.0	1.3
Strongheart Dog Food	8.0	8.6	2.0	1.9	1.0	.7
THE EARLY AND DANIEL COMPANY, CINCINNATI, OHIO						
Tuxedo Dog Food	10.0	9.5	2.0	.8	1.5	.6
Tuxedo M-C Dog Food	25.0	26.7	3.0	4.1	4.0	3.6
JOHN W. ESHELMAN & SONS, LANCASTER, PENNSYLVANIA						
Eshelman Red Rose Dog & Puppy Food	23.0	25.5	4.5	5.5	4.0	4.0
EVANS INDUSTRIES, INC., MARION, INDIANA						
Better Bite Cooked Horse Meat	18.0	19.6	4.0	7.8	.5	.4
Excess fat						
FLAG PET FOOD CORP., NEW YORK, NEW YORK						
Flag Dog Food	10.0	9.1	2.0	.7	1.25	1.1
GENERAL FOODS CORP., NEW YORK, NEW YORK						
Gaines 25% Dog Food (Meal)	25.0	25.1	6.0	7.0	5.0	3.8
GENERAL MILLS, MINNEAPOLIS, MINNESOTA						
Larro 24 1/2% Dog Food	24.5	26.9	4.5	5.0	6.0	5.0
GENERAL PACKING COMPANY, CINCINNATI, OHIO						
Viking Dog Food	10.0	9.0	2.0	3.9	1.5	.4
Vigor Dog Food	10.0	8.8	1.0	1.0	1.5	.6
Your Pal Dog Food	10.0	9.1	2.0	2.9	1.5	.5
Your Pal Dog Food	10.0	9.5	2.0	1.6	1.5	.5

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

REGULATORY BULLETIN NO. 88

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
GROMO, INC., RUSSELLVILLE, KENTUCKY						
GroMo Dog Food	15.0	<u>14.2</u>	2.0	4.8	5.0	.4
HI-LIFE PACKING COMPANY, CHICAGO, ILLINOIS						
Hi-Life Dog Food	10.0	10.7	2.0	4.3	1.5	.5
Hi-Life Dog Food	10.0	9.9	2.0	2.1	1.5	1.3
Hi-Life Dog Food	10.0	10.7	2.0	4.1	1.5	1.4
HILL PACKING COMPANY, TOPEKA, KANSAS						
Hill's Dog Food	12.0	12.9	3.0	5.8	1.0	.4
Hill's Dog Food	12.0	11.5	3.0	5.3	1.0	.5
HOUSEHOLD PRODUCTS COMPANY, CHICAGO, ILLINOIS						
Beau Dog Food	10.0	10.8	2.0	2.6	1.5	1.3
HULMAN & COMPANY, TERRE HAUTE, INDIANA						
Rex Dog Food	10.0	10.6	2.0	1.9	1.0	1.3
INDIANAPOLIS DOG FOOD COMPANY, INDIANAPOLIS, INDIANA						
Bobbie Dog Food	7.0	9.0	1.25	2.3	1.5	.6
INTERSTATE FOODS OF AMERICA, BEDFORD, OHIO						
ABC Dog Food	10.0	10.2	2.0	2.2	1.25	.9
KASCO MILLS, TOLEDO, OHIO						
Kasco Complete Dog Ration	25.0	26.8	7.0	8.7	4.0	3.5
KELLOGG COMPANY, BATTLE CREEK, MICHIGAN						
Gro-Pup Dog Food	22.5	26.7	3.5	4.8	4.0	3.6
KENNEL FOOD SUPPLY COMPANY, FAIRFIELD, CONNECTICUT						
Cero Meato Dog Food	21.0	23.2	2.0	2.0	3.0	2.1
KENTUCKY CHEMICAL INDUSTRIES, CINCINNATI, OHIO						
Provico Dog Feast Dog Food	25.0	31.7	5.0	8.2	4.0	2.7
McMILLEN FEED MILLS, FORT WAYNE, INDIANA						
Master Mix M-V Dogburger 24% Dog Food ..	24.0	26.3	3.0	4.6	4.0	3.4
Master Mix M-V Dogburger 24% Dog Food ..	24.0	<u>22.8</u>	3.0	3.5	4.0	4.4
MIDLAND GROCERY CO., PORTSMOUTH, OHIO						
Clarion Dog Food	10.0	10.2	2.0	3.2	1.25	.7
S. E. MIGHTON COMPANY, BEDFORD, OHIO						
Spot Dog Food	10.0	10.5	2.0	1.5	1.25	1.0
Spot Dog Food	10.0	10.8	2.0	1.6	1.5	1.1
MORGAN PACKING COMPANY, AUSTIN, INDIANA						
King Karlo Dog Food	10.0	11.1	2.5	2.8	1.0	.9
King Karlo Dog Food	10.0	10.7	2.5	2.8	1.0	.9
King Karlo Dog Food	10.0	10.8	2.5	2.4	1.0	.9

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
JOHN MORRELL & CO., OTTUMWA, IOWA						
Red Heart Dog Food - Diet A	10.5	11.7	2.5	5.3	1.0	.8
Red Heart Dog Food - Diet A	10.5	11.9	2.5	7.4	1.0	.7
Red Heart Dog Food - Diet B	10.5	10.6	2.5	5.8	1.0	.7
Red Heart Dog Food - Diet B	10.5	11.6	2.5	4.2	1.0	.4
Red Heart Dog Food - Diet C	10.5	11.8	2.5	4.3	1.0	.6
NATIONAL BISCUIT CO., NEW YORK, NEW YORK						
Milk-Bone 21% Puppy Biscuits	21.0	23.6	1.5	3.0	2.5	1.9
NATIONAL OATS CO., EAST ST. LOUIS, ILLINOIS						
Corno 25% Dog Food	25.0	28.6	4.0	5.2	5.0	2.5
NATIONAL PACKING COMPANY, GREENVILLE, MISSISSIPPI						
Kam Dog Food	13.0	12.1	2.0	3.2	1.0	.2
CHAS. NUNN & SONS MILLING COMPANY, EVANSVILLE, INDIANA						
Nunn Better Dog Food	25.0	23.4	4.5	5.1	5.0	3.5
ORLEANS CANNING COMPANY, CHICAGO, ILLINOIS						
Orleans All-Meat Dog Food	17.0	15.1	3.0	4.3	1.5	.1
PAOLI MILLING COMPANY, PAOLI, INDIANA						
Magic 25% Dog Food	25.0	26.4	3.5	6.5	5.0	3.2
PEDRICK LABORATORIES, SAND SPRINGS, OKLAHOMA						
Vigo Food for Dogs, Puppies, and Cats	7.5	10.5	2.0	3.2	1.25	.5
PERFECTION FOODS COMPANY, BATTLE CREEK, MICHIGAN						
20% Dog Biscuit Food	20.0	20.7	1.0	1.3	5.0	1.5
PERK DOG FOOD COMPANY, CHICAGO, ILLINOIS						
Peak 100% All Horse Meat Dog Food	17.5	17.9	3.5	6.3	1.0	.4
Peak 100% All Horse Meat Dog Food	17.5	18.6	3.5	8.5	1.0	.2
Excess Fat						
Perk Dog Food	12.0	13.6	2.5	3.9	1.25	1.2
Perk Dog Food	12.0	13.4	2.5	4.6	1.25	1.1
Vets Dog Food	10.0	10.5	2.0	1.7	1.5	1.8
PROVICO FOOD COMPANY, CINCINNATI, OHIO						
Big V Dog Food	10.0	11.7	2.0	1.3	1.5	1.1
QUAKER OATS COMPANY, CHICAGO, ILLINOIS						
Chappel Horse Meat	15.0	17.6	10.0	14.1	1.0	.5
Ken-L-Ration Dog Food	10.0	9.8	2.5	3.4	1.5	.5
Ken-L-Ration Dog Food	10.0	10.6	2.5	3.9	1.0	.5
Ken-L-Ration Dog Food	10.0	11.4	2.5	5.7	1.0	.5
Ken-L-Ration Dog Food	10.0	10.8	2.5	8.0	1.0	.7
Excess Fat.						
Ken-L-Meal 21% Dog Food	21.0	22.9	4.0	3.7	4.5	3.4

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REGULATORY BULLETIN NO. 88

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
RAGLAND BROS. COMPANY, NASHVILLE, TENNESSEE						
Mitsie Dog Food	10.0	10.7	2.0	2.1	1.5	1.1
RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI						
Purina Dog Chow Kibbled Meal	21.0	23.6	4.0	7.7	6.0	3.9
Purina Dog Chow Kibbled Meal	21.0	24.8	4.0	<u>8.2</u>	6.0	3.3
Excess Fat.						
RIVAL PACKING COMPANY, CHICAGO, ILLINOIS						
Rival Dog Food	10.0	12.7	2.0	1.7	1.0	.6
Rival Dog Food	10.0	11.5	2.0	1.5	1.0	.6
Rival Dog Food	10.0	10.3	2.0	1.8	1.0	.8
G. P. ROSE & CO., NASHVILLE, TENNESSEE						
Rose's Triunp 24% Dog Food	24.0	26.2	7.0	8.4	5.0	3.1
SANDERS, INC., LOUISVILLE, KENTUCKY						
Cliff's Horse Meat with 10% Soya Grits	17.0	18.1	3.0	6.1	.3	.2
Cliff's Horse Meat with 10% Soya Grits	17.0	17.8	3.0	3.6	.3	.3
Sanders Plete Meal Dog Food	10.0	11.0	2.0	1.9	1.0	.5
SCHULTZ, BAUJAN & CO., BEARDSTOWN, ILLINOIS						
Critic 25% Dog Food	25.0	<u>21.1</u>	3.5	4.8	5.0	3.9
Very much below guarantee in protein.						
Critic 25% Dog Food	25.0	27.1	3.5	4.1	5.0	4.2
High in salt.						
SECURITY MILLS, KNOXVILLE, TENNESSEE						
Security Dog Food	25.0	31.4	5.0	9.8	4.0	3.5
SOUTHERN CANNING COMPANY, INC., HIGHLANDS, TEXAS						
Top Kick Dog & Cat Food	7.5	<u>6.6</u>	2.0	<u>.3</u>	1.5	1.6
SPRATTS PATENT (AM) LTD., NEWARK, NEW JERSEY						
Spratt's Assorted Dog Biscuits	20.0	21.4	2.0	3.2	7.5	1.7
STANDARD FEED MILLING CO., ATALNTA, GEORGIA						
Kin 24% Dog Food	24.0	27.3	3.5	5.7	5.5	4.1
Kin 24% Dog Food	24.0	27.0	3.5	5.6	5.5	4.2
SUNSHINE BISCUITS, INC., NEW YORK, NEW YORK						
Austins Dog Food	22.0	25.4	2.5	3.0	4.5	3.4
SWIFT & COMPANY, CHICAGO, ILLINOIS						
Swift's Pard Dog Food	10.5	11.4	2.5	3.2	1.0	.6
Swift's Pard Dog Food	10.5	11.1	2.5	2.8	1.0	.6
Swift's Pard Dog Food	10.5	10.6	2.5	2.3	1.0	.6
THE THOROBRED CO., CINCINNATI, OHIO						
Thorobred Canned Dog Food	11.0	<u>9.2</u>	2.5	.5	1.5	.5
Thorobred Canned Dog Food	11.0	<u>9.4</u>	2.5	<u>2.9</u>	1.5	1.8
Thorobred Dog Food	11.0	<u>9.0</u>	2.5	<u>.6</u>	1.5	.5
Below guarantee in protein.						

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COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
THE THOROBRED CO., CINCINNATI, OHIO (Cont'd)						
Thorobred Dog Food	11.0	10.5	2.5	2.2	1.5	.4
**Thorobred Dog Food	11.0	<u>8.7</u>	2.5	<u>.7</u>	1.5	.5 **
Very much below guaranty in protein.						
Thorobred Dog Food	10.0	<u>8.4</u>	2.0	<u>1.1</u>	1.0	.4
THE UBIKO MILLING CO., CINCINNATI, OHIO						
Life Guard Dog Food	24.0	25.5	5.0	4.6	4.0	3.7
USEN CANNING CO., BOSTON, MASSACHUSETTS						
Tabby All Fish Cat Food	17.0	18.1	.3	.6	.3	.06
VIMPEP FOODS, CAMBRIDGE, MARYLAND						
Smarty Dog Food	10.0	10.1	2.0	4.6	1.0	1.0
VITALITY MILLS, INC., CHICAGO, ILLINOIS						
Vitality Body Builder Dog Food	26.0	25.7	5.0	6.1	5.5	3.4
Vitality Body Builder Dog Food	26.0	27.5	5.0	5.5	5.5	3.0
WARNER DOG FOOD CO., BROOKLYN, NEW YORK						
Warner's Complete Dog Food	24.0	26.1	5.0	7.0	2.5	2.5
Warner's Canned Dog Food	12.0	11.6	3.0	3.1	1.5	1.1
WILSON & CO., INC., CHICAGO, ILLINOIS						
Ideal Dog Food	10.0	12.2	2.0	5.9	1.0	.6
Ideal Dog Food	10.0	10.8	2.0	2.0	1.0	1.2
Ideal Dog Food	10.0	10.2	2.0	5.2	1.0	.6
Ideal Dog Food	10.0	11.7	2.0	3.5	1.0	.6

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

REGULATORY BULLETIN NO. 88
 REPORT OF OFFICIAL FEED SAMPLES ANALYZED
 October, November, December, 1950

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 underline, asterisks, and (where necessary) appropriate remarks.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
ABILENE FLOUR MILLS CO., ABILENE, KANSAS						
Wheat Gray Shorts with Screenings	16.0	17.8	4.0	4.3	6.0	4.8
Wheat Gray Shorts with Screenings	16.0	18.0	4.0	4.1	6.0	5.8
Wheat Bran and Screenings	14.5	15.2	3.75	4.3	10.0	5.0
Adulterated with Sand and Dirt.						
ACME-EVANS CO., INDIANAPOLIS, INDIANA						
Challenger 16% Dairy Feed	16.0	<u>14.1</u>	3.0	2.8	14.0	6.1
Challenger 16% Dairy Feed	16.0	18.6	3.0	2.7	14.0	8.5
Challenger 40% Hog Supplement	40.0	39.7	4.0	<u>2.5</u>	7.0	<u>7.7</u>
Calcium	2.5	2.26				
Phosphorus	1.2	1.3				
Salt	1.25	1.75				
Acme Hominy Feed	10.0	9.7	7.0	6.8	6.0	4.3
H. T. ADAMS CO., HARRODSBURG, KENTUCKY						
Hopper Stock Feed	12.0	14.4	3.5	3.4	6.0	6.1
Ground Barley with Screenings	9.0	9.4	2.0	<u>1.2</u>	6.0	5.9
ALBANY MILLS, ALBANY, KENTUCKY						
Clinton 20% Dairy Feed	20.0	24.3	3.5	<u>2.9</u>	9.5	5.1
Clinton Pig & Hog Feed	16.0	19.3	3.0	<u>4.9</u>	6.0	4.2
Mixed Feed	11.5	14.4	3.0	3.3	5.5	5.6
Ground Wheat	10.5	11.9	1.5	1.9	3.0	2.9
ALBERS MILLING CO., SEATTLE, WASHINGTON						
Manna 25% Calf Feed	25.0	27.9	4.0	4.8	5.5	4.5
ALLIED MILLS, INC., CHICAGO, ILLINOIS						
Wayne Turkey Growing Mash	20.0	21.6	2.5	3.3	8.0	5.5
Wayne Growing Mash	18.0	18.7	2.5	3.7	8.0	5.7
Wayne Egg Mash	20.0	22.2	3.0	3.4	8.0	6.8
Wayne Mash Layer	20.0	25.6	3.0	2.9	8.0	5.5
Wayne Breeder Mash	20.0	22.4	3.0	3.8	8.0	6.1
Wayne 24% Dairy Feed	24.0	27.7	3.0	3.3	10.0	5.9
Wayne 24% Dairy Feed	24.0	24.9	3.0	3.3	10.0	5.9
Wayne 16% Dairy Feed	16.0	18.8	3.0	3.3	13.0	7.7
Sugarine Special 16% Dairy Feed	16.0	15.8	3.0	2.8	17.0	10.5
Sugarine Special 16% Dairy Feed	16.0	15.7	3.0	3.4	12.0	9.0
Sugarine Special 16% Dairy Feed	16.0	16.6	3.0	3.3	12.0	10.3
Wayne Hog Supplement	40.0	40.0	2.5	3.2	8.0	5.2
Calcium	4.0	4.9				
Phosphorus	1.5	1.45				
Iodine0008				
Salt	1.7	.98				

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COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
ALLIED MILLS, INC., CHICAGO, ILLINOIS (Cont'd)						
Wayne Hog Supplement	40.0	43.7	2.5	2.3	8.0	5.1
Calcium	4.0	4.0				
Phosphorus	1.5	1.53				
Iodine .....	.0006					
Salt	1.7	.95				
Wayne Hog Balancer	35.0	42.0	2.5	3.1	8.0	5.5
Calcium	3.0	2.47				
Phosphorus	1.0	1.16				
Iodine .....	.0003					
Salt	1.7	.26				
Wayne Hog Balancer	35.0	41.6	2.5	3.5	8.0	4.7
Calcium	3.0	2.3				
Phosphorus	1.0	.88				
Iodine .....	.0003					
Salt	1.7	.79				
Wayne Tail Curler Pig & Hog Feed	18.0	21.5	3.0	3.8	5.0	4.1
Wayne Tail Curler Pig & Hog Feed	18.0	21.0	3.0	4.0	5.0	4.5
Wayne Tail Curler Pig & Hog Feed	18.0	20.8	3.0	4.0	5.0	4.1
Wayne Rabbit Ration	17.0	22.0	3.0	4.0	15.0	11.7
Wayne 41% Soybean Oil Meal	41.0	43.5	3.5	4.6	7.0	5.7
ANDERSON & SPILMAN, DANVILLE, KENTUCKY						
Stock Feed	12.5	12.7	3.5	3.8	8.0	4.7
Stock Feed	12.5	12.2	3.5	3.7	8.0	5.9
Stock Feed	12.5	12.5	3.5	3.4	8.0	5.5
Snow Flake Feed	12.5	13.5	3.5	3.3	8.0	6.4
Contained screenings instead of screenings - grain.						
Snow Flake Feed	12.5	13.3	3.5	2.9	8.0	5.4
Scratch Feed	9.5	9.4	3.0	2.6	3.0	2.0
Cracked Corn	9.0	7.3	3.75	3.4	2.5	1.8
ANGLO SWEET FEED MILL, OWENSBORO, KENTUCKY						
Ace Perfection 22% Turkey Mash	22.0	25.0	2.5	3.6	7.0	6.2
Ace Perfection 20% Poultry Mash	20.0	22.3	2.5	4.1	7.0	6.1
Ace Perfection 35% Dairy Supplement	35.0	34.7	3.0	4.4	9.0	7.9
Ace Perfection 16% Dairy Feed	16.0	15.5	3.0	1.9	13.0	12.3
Ace Perfection Rabbit Ration Pellets	15.0	16.5	2.0	3.0	15.0	12.1
APEX MILLING COMPANY, TOLEDO, OHIO						
Apex White 24% Dairy Feed	24.0	25.5	3.0	2.9	15.0	11.9
Apex 16% Dairy Feed	16.0	17.5	3.0	2.9	15.0	11.8
Contained unground weed seeds.						
Apex Hog Ration	16.0	15.6	3.0	5.4	8.0	7.0
ARCADY FARMS MILLING CO., CHICAGO, ILLINOIS						
Wonderfat 13% Pellets with Condensed Buttermilk	13.0	13.6	4.0	5.2	6.0	5.0
C. T. ASHLEY COMPANY, NICHOLASVILLE, KENTUCKY						
Ground Screenings (Weed Seeds), Ground Barley & Ground Corn	9.0	12.2	2.0	2.6	6.0	4.0
**Samples failing to equal guaranty by more than one-half of one percent, or that were adul- terated with hulls, unground weed seeds, or refuse.						

REGULATORY BULLETIN NO. 88

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
AUBREY & COMPANY, LOUISVILLE, KENTUCKY						
Red 'A' 20% Laying Mash	20.0	22.2	3.0	3.5	8.0	5.6
Red 'A' 14% Poultry Fattening Feed	14.0	13.8	3.5	5.2	6.0	5.6
Red 'A' Chick Feed	8.0	8.3	2.5	2.7	3.5	1.2
Red 'A' Chick Feed	8.0	8.3	2.5	3.8	3.5	1.3
Red 'A' Poultry Scratch Feed	8.0	8.5	2.5	2.9	5.0	2.0
Red 'A' 32% Dairy Supplement	32.0	35.1	3.0	3.0	8.5	5.8
Red 'A' 18% Dairy Feed	18.0	21.2	3.0	4.3	11.0	7.5
Red 'A' 18% Dairy Feed	18.0	21.3	3.0	3.2	11.0	6.2
Red 'A' Special Horse Feed	9.0	10.1	3.0	3.2	8.0	6.0
Red 'A' 40% Hog Supplement	40.0	40.2	1.5	2.6	7.0	6.1
Calcium	3.0	3.8				
Phosphorus .....	.85	1.01				
Salt	2.0	2.25				
Red 'A' 35% Sow & Pig Concentrate	35.0	40.3	1.5	1.5	9.0	7.7
Calcium	3.0	2.6				
Phosphorus .....	.85	.85				
Salt	1.5	1.2				
Red 'A' 18% Sow & Pig Feed	18.0	18.3	3.0	4.6	6.0	6.2
Red 'A' 16% Sheep Feed	16.0	17.0	2.5	3.0	11.0	8.1
Red 'A' 16% Sheep Feed	16.0	19.2	2.5	3.4	11.0	8.8
Red 'A' Wheat Gray Shorts with Screenings ..	15.0	16.6	3.5	4.3	6.0	6.1
Red 'A' Wheat Gray Shorts with Screenings ..	15.0	16.9	3.5	4.2	6.0	6.2
24% Corn Distillers Dried Grains	24.0	26.5	8.0	9.6	16.5	12.1
24% Corn Distillers Dried Grains	24.0	26.8	8.0	8.4	16.5	12.3
Red 'A' Corn Distillers Dried Grains & Molasses	20.0	22.8	6.0	7.0	13.5	10.3
41% Solvent Extracted Cottonseed Meal	41.0	41.3	1.0	1.3	13.0	10.5
41% Solvent Extracted Cottonseed Meal	41.0	41.3	1.0	1.1	13.0	10.4
Red 'A' 60% Digester Tankage	60.0	59.7	6.0	8.3	2.5	1.9
Red 'A' 60% Digester Tankage	60.0	61.3	6.0	7.6	2.5	1.6
Red 'A' 50% Meat Scraps	50.0	51.0	6.0	10.9	3.0	2.6
Hominy Meal	10.0	9.5	6.0	8.4	6.0	4.1
AUBURN MILLS, AUBURN, KENTUCKY						
Leader Hen Scratch Feed	9.0	9.9	3.0	2.4	2.5	1.9
Mixed Feed	12.0	14.1	3.5	3.2	7.5	5.7
AYLOR & MEYER CO., AURORA, INDIANA						
Rainbow 16% Dairy Feed	16.0	19.0	3.0	4.2	10.0	5.8
BAGDAD ROLLER MILLS, BAGDAD, KENTUCKY						
Hominy Meal	10.0	<u>8.8</u>	5.5	5.5	8.0	5.2
BALLARD & BALLARD CO., LOUISVILLE, KENTUCKY						
Insurance 20% Broiler Ration	20.0	21.2	3.0	3.8	6.0	5.3
Ballard's 20% Laying Mash	20.0	21.1	3.0	2.8	8.0	6.0
Insurance Quick-Fat Poultry Mash	14.0	18.2	4.5	3.4'	8.0	6.8
Milk Insurance 32% Dairy Feed Supplement .	32.0	33.7	1.5	4.0	9.0	6.7
Milk Insurance 20% Dairy Feed	20.0	20.8	3.0	3.2	9.0	7.0
Milk Insurance 16% Dairy Feed	16.0	18.1	3.0	3.9	9.0	6.9
Ballard's 16% Dairy Feed	16.0	18.3	3.0	3.1	11.0	7.9

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
BALLARD & BALLARD, LOUISVILLE, KENTUCKY (Cont'd.)						
Insurance 12 1/2% Dry and Freshening Feed ...	12.5	14.2	3.0	2.7	9.0	7.2
Ballard's Pork Builder	14.0	14.5	3.5	3.4	8.0	5.5
Contained screenings refuse and unground weed seeds.						
Ballard's Heavy Grain Horse Feed	9.0	8.2	2.5	2.3	9.0	3.5
Ballard's Heavy Grain Horse Feed	9.0	8.3	2.5	2.5	9.0	4.9
Ballard's Heavy Grain Horse Feed	9.0	9.1	2.5	2.7	9.0	4.5
Contained screenings refuse and unground weed seeds.						
Ballard's Wheat Brown Shorts with Screenings .	15.0	15.8	3.5	3.8	7.0	4.9
Ballard's Wheat Bran	14.5	14.7	3.5	3.6	11.0	10.3
FRANK BALLARD, SPRINGFIELD, KENTUCKY						
Frank Ballard's 14% Stock Feed	14.0	16.5	3.5	3.1	9.0	6.9
BARDSTOWN FEED COMPANY, BARDSTOWN, KENTUCKY						
Corn Distillers Dried Grains	26.5	26.2	7.0	8.4	13.0	7.9
BARDSTOWN MILLS, BARDSTOWN, KENTUCKY						
Royal Scratch Feed	9.0	10.9	2.5	2.5	2.5	2.5
Contained unground weed seeds.						
Royal Scratch Feed	9.0	10.2	2.5	2.1	2.5	2.2
Contained unground weed seeds.						
Mixed Feed	13.0	14.4	3.5	3.9	7.5	6.9
Mixed Feed	13.0	14.2	3.5	4.0	7.5	6.4
BAUGHMAN MILLING CO., STANFORD, KENTUCKY						
Banner 20% Laying Mash	20.0	22.5	3.5	3.5	7.0	4.8
Contained unground weed seeds.						
Banner 20% Dairy Feed	20.0	19.5	4.0	4.1	10.0	6.8
Banner Mixed Feed	11.0	12.3	3.5	3.8	11.0	6.3
Banner Mixed Feed	11.0	12.0	3.5	6.1	11.0	6.4
Banner Mixed Feed	11.0	12.4	3.5	4.0	11.0	6.0
Banner Mixed Feed	11.0	12.4	3.5	4.7	11.0	7.1
BEAVER DAM MILLING CO., BEAVER DAM, KENTUCKY						
Eureka 20% Laying Mash	20.0	21.7	4.0	4.2	6.0	4.9
Snow Drift 19% Laying Mash	19.0	20.0	4.0	4.4	7.5	5.2
Eureka Scratch Feed	9.0	8.3	3.0	2.9	3.0	1.7
Eureka Scratch Feed	9.0	8.7	3.0	3.6	3.0	2.0
Eureka 24% Dairy Feed	24.0	26.8	3.0	3.8	10.5	7.0
Eureka 16% Dairy Feed	16.0	16.5	3.0	2.7	12.5	5.7
Eureka 16% Pig & Hog Ration	16.0	17.0	4.0	4.3	6.0	3.9
BI-COUNTY FARM BUREAU COOPERATIVE, ERLANGER, KENTUCKY						
Co-op Special 20% Laying Mash	20.0	23.6	4.0	3.3	8.0	7.8
Co-op Milkmaker 20% Dairy Feed	20.0	19.6	3.0	2.6	9.0	5.0
BIG FOUR MILLS, COVINGTON, KENTUCKY						
Big Four 20% Starter & Grower Mash	20.0	20.3	3.0	3.7	7.0	7.1
Big Four 20% Laying Mash	20.0	20.1	3.0	4.2	7.0	7.4

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

REGULATORY BULLETIN NO. 88

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
BIG FOUR MILLS, COVINGTON, KENTUCKY (Cont'd.)						
Big Four 18% Laying Mash	18.0	21.3	3.5	3.6	7.0	6.5
Big Four 32% Dairy Supplement	32.0	30.8	3.0	1.5	9.0	8.3
Kentucky Hi-Lo 24% Dairy Feed	24.0	<u>26.9</u>	3.0	<u>3.1</u>	12.0	9.2
O. K. 16% Dairy Feed	16.0	17.9	3.0	3.4	15.0	12.8
High in Salt.						
O. K. 16% Dairy Feed	16.0	21.7	3.0	3.1	15.0	11.9
Excess Urea.						
O. K. 16% Dairy Feed	16.0	16.8	3.0	4.0	15.0	14.6
High in Urea.						
Big Four 36% Hog Supplement	36.0	<u>34.9</u>	3.0	2.5	8.0	6.1
O. K. 16% Hog Feed	16.0	<u>18.0</u>	3.5	3.9	8.0	7.3
41% Soybean Oil Meal	41.0	48.0	4.0	<u>1.6</u>	6.0	5.1
Wrong tags used.						
BILL & GUY MILLING COMPANY, FAUBUSH, KENTUCKY						
Wheat Feed	11.5	13.5	4.0	<u>2.9</u>	8.5	4.8
BLAIR MILLING COMPANY, ATCHISON, KANSAS						
Wheat Gray Shorts with Screenings	16.0	17.4	4.0	4.4	6.0	5.8
Wheat Gray Shorts with Screenings	16.0	16.8	3.5	3.9	6.0	<u>6.7</u>
BLATCHFORD CALF MEAL CO., WAUKEGAN, ILLINOIS						
Blatchford's Rabbit Pellets	16.0	16.9	2.0	2.7	16.5	14.5
BLISH MILLING CO., SEYMOUR, INDIANA						
Bull's Eye Wheat Brown Middlings & Screenings	16.0	<u>15.1</u>	4.0	3.7	7.5	7.4
BLUE BIRD FEED MILL, SOMERSET, KENTUCKY						
Blue Bird 17% Starter & Grower	17.0	20.8	3.5	5.5	6.0	5.6
Red Bird 16% Dairy Feed	16.0	16.3	3.5	3.4	15.0	11.9
Red Bird 16% Dairy Feed	16.0	18.2	3.5	3.2	15.0	6.1
Squealer Hog Fattener	16.0	18.8	4.0	4.4	8.0	7.6
Contained screenings.						
BOTKINS GRAIN & FEED CO., BOTKINS, OHIO						
Square Deal Cracked Corn	9.0	8.5	2.0	3.0	4.0	1.6
BROADWAY ROLLER MILLS, BOWLING GREEN, KENTUCKY						
Steve's 15% Stock Feed	15.0	15.8	3.5	4.9	10.0	5.8
W. H. BROCK & CO., WINCHESTER, KENTUCKY						
Big B Sow & Pig Meal	16.0	16.2	4.0	3.6	6.0	5.1
Big B Hog Feed	16.0	17.1	2.5	2.1	8.0	7.7
BRODE' CORPORATION, MEMPHIS, TENNESSEE						
Owl 41% Cottonseed Meal	41.0	40.5	5.0	5.5	12.0	9.6
Owl 41% Cottonseed Meal	41.0	40.6	5.0	5.6	12.0	9.6
BRODERSON BROS., FRANKLIN, KENTUCKY						
General Purpose Stock & Poultry Feed	16.0	16.9	3.0	3.2	8.0	4.5

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COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
BROWDER MILLING CO., FULTON, KENTUCKY						
Big 16% Dairy Feed	16.0	18.5	3.0	3.7	15.0	7.2
40% Hog Supplement	40.0	40.0	4.0	5.1	8.5	7.1
BUCKEYE COTTON OIL CO., CINCINNATI, OHIO						
Buckeye 44% Solvent Extracted Soybean Oil Meal	44.0	46.4	.5	1.3	7.0	5.3
Buckeye 44% Solvent Extracted Soybean Oil Meal	44.0	47.6	.5	.6	7.0	5.5
Buckeye 30% Extracted Soybean Feed	30.0	34.3	.5	.3	18.0	11.6
BUFFALO ROLLER MILLS, BUFFALO, KENTUCKY						
Wheat Feed & Screenings	12.0	14.1	3.5	3.3	6.5	6.5
BUHNER & CO., LOUISVILLE, KENTUCKY						
Happy Farmer 18% Starting & Growing Mash	18.0	18.6	2.5	3.8	7.0	5.5
Happy Farmer 20% Laying Mash	20.0	21.3	2.5	3.6	8.0	6.4
Farm Joy 20% Dairy Feed	20.0	20.8	3.0	3.0	12.0	8.6
Magnolia Sweet 16% Dairy Feed	16.0	17.0	3.0	4.1	15.0	11.6
Farm Joy 16% Dairy Feed	16.0	17.2	3.0	3.2	15.0	7.9
Farm Joy 40% Hog Supplement	40.0	42.5	3.0	3.5	7.0	4.3
Calcium	4.5	4.9				
Phosphorus	1.0	1.35				
Salt	2.5	2.7				
Farm Joy 40% Hog Supplement	40.0	42.3	3.0	3.4	7.0	4.9
Calcium	4.5	4.5				
Phosphorus	1.0	1.4				
Salt	2.5	2.0				
Happy Farmer 14% Hog Fattener	14.0	14.9	3.5	4.0	8.0	6.7
Happy Farmer 14% Hog Fattener	14.0	14.8	3.5	3.4	8.0	7.3
Buhner's Happy Farmer Wheat Mixed Feed .	15.0	15.7	4.0	3.7	10.0	6.8
Buhner's Happy Farmer Hominy Meal	10.0	9.5	7.0	5.4	6.0	3.9
Buhner's 41% Cottonseed Meal	41.0	40.8	5.0	5.4	12.0	10.3
**Buhner's Brewers Dried Grains & Molasses						
	20.0	19.2	4.0	5.5	15.0	11.8**
Buhner's Happy Farmer 60% Tankage	60.0	59.8	4.0	8.3	3.0	1.6
BUNDY BROS. MILL CO., MEDORA, INDIANA						
Bundy Scratch Feed	9.0	8.6	3.0	3.1	3.0	2.0
Medora 19% Pig & Sow Feed	19.0	19.4	4.0	3.8	6.0	6.1
Medora Wheat Mixed Feed & Screenings	14.0	13.3	3.5	3.5	8.5	7.1
Medora Wheat Mixed Feed & Screenings	14.0	13.7	3.5	3.7	8.5	6.8
Medora Wheat Mixed Feed & Screenings	14.0	14.4	3.5	3.3	8.5	7.5
Screened Cracked Corn	8.0	8.2	3.5	2.7	3.0	1.2
Hominy Feed	10.0	9.9	7.0	7.0	5.5	4.2
BUTTS MILLING CO., FULTON, KENTUCKY						
Butt's Kentucky 16% Dairy Feed	16.0	15.7	3.0	2.2	10.0	10.8
Butt's Kentucky 16% Dairy Feed	16.0	18.5	3.0	3.4	10.0	11.0
CADICK MILLING CO., GRAND VIEW, INDIANA						
Cadick's Gold Dust Scratch Feed	9.0	7.8	3.0	2.6	4.0	1.9
Contained unground weed seeds.						
**Samples failing to equal guaranty by more than one-half of one percent, or that were adul- terated with hulls, unground weed seeds, or refuse.						

REGULATORY BULLETIN NO. 88

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
CADICK MILLING CO., GRAND VIEW, INDIANA (Cont'd.)						
Cadick's Gold Dust Scratch Feed	9.0	9.1	3.0	2.7	4.0	2.4
Contained unground weed seeds.						
Screened Cracked Corn	8.0	7.9	3.5	3.1	3.0	1.6
CADIZ MILLING CO., CADIZ, KENTUCKY						
Sunbeam 20% Laying Mash	20.0	22.5	3.5	4.4	7.0	6.0
Sunbeam Chicken Feed	9.0	8.6	2.0	3.0	2.5	1.9
Sunbeam 24% Dairy Feed	24.0	24.6	3.5	3.2	12.0	5.4
High in salt,						
Sunbeam 16% Dairy Feed	16.0	16.4	3.5	3.2	12.0	6.0
Sunbeam 14% Hog Fattener	14.0	15.1	3.5	4.1	7.0	4.5
Sunbeam Crushed Ear Corn	8.0	7.5	3.5	3.5	8.0	6.6
CAMPBELL'S FEED MILL, KEVIL, KENTUCKY						
Campbell's 16% Dairy Feed	16.0	17.2	3.0	2.8	10.0	7.3
Contained unground weed seeds.						
Campbell's 16% Dairy Feed	16.0	18.0	3.0	2.9	10.0	7.4
CANEYVILLE ROLLER MILLS, CANEYVILLE, KENTUCKY						
Kentucky Farm 20% Laying Mash	20.0	19.7	4.0	5.0	7.0	4.7
Kentucky Farm 20% Layer & Breeder Mash ...	20.0	20.4	4.0	5.1	7.0	4.9
Kentucky Farm 40% Hog Supplement	40.0	43.1	3.5	4.2	7.0	5.2
Kentucky Farm 18% Hog Fattening Feed	18.0	18.7	3.5	4.1	7.0	4.1
CARLISLE MILL & SUPPLY CO., CARLISLE, KENTUCKY						
Old Kentucky Mixed Feed	12.5	14.8	3.5	3.5	7.0	5.9
Contained corn cockle.						
CENTRAL SOYA CO., INC., FORT WAYNE, INDIANA						
Central 41% Expeller Soybean Oil Meal	41.0	43.4	3.5	4.2	7.0	6.6
Central 41% Expeller Soybean Oil Meal	41.0	42.8	3.5	3.9	7.0	6.6
CERULEAN MILLING CO., CERULEAN, KENTUCKY						
Pryority 18% All Purpose Mash	18.0	20.0	3.5	4.4	7.0	5.4
16% All Purpose Hog Feed	16.0	17.1	3.5	3.9	5.0	3.0
Pryority Mixed Feed	12.0	14.0	4.0	4.7	8.0	6.8
CHALLENGER FEED CO., INDIANAPOLIS, INDIANA						
Purple Top 20% Laying Mash	20.0	20.1	3.5	<u>2.9</u>	8.0	8.3
CHEROKEE MILLS, NASHVILLE, TENNESSEE						
Red Mountain Wheat Brown Shorts & Screenings	16.0	16.3	4.5	<u>3.8</u>	7.5	6.5
THE CINCINNATI GRAIN & HAY CO., CINCINNATI, OHIO						
No-Better 24% Sweet Dairy Feed	24.0	23.5	3.5	<u>2.9</u>	9.5	7.7
No-Better Cracked Corn (Regular)	8.0	8.0	4.5	<u>2.7</u>	2.5	1.7
No-Better Cracked Corn (Medium)	8.0	7.8	4.5	<u>3.1</u>	2.5	1.9
CITIZENS MILLING CO., SOMERSET, KENTUCKY						
Cumberland Special Mixed Feed	14.0	15.2	4.0	4.6	10.0	7.2
Citizens 13% Stock Feed	13.0	15.2	3.25	4.0	8.0	6.0
**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.						

COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
CLARKSON FEED CO., CLARKSON, KENTUCKY						
Cann's 16% Dairy Feed	16.0	16.9	3.0	2.6	15.0	9.9
CLARKSON MILLING CO., CLARKSON, KENTUCKY						
Fidelity 20% Laying Mash	20.0	21.8	3.5	4.7	7.0	6.3
Fidelity 18% Pig & Hog Ration	18.0	19.4	3.5	4.9	6.0	4.7
CLIFTY FALLS MILLS, INC., MADISON, INDIANA						
Clifty Falls 17% Starter & Grower	17.0	17.8	3.5	3.7	7.0	5.3
Clifty Falls 24% Cow Feed	24.0	24.0	3.0	3.5	15.0	5.9
High in salt.						
Clifty Falls 24% Dairy Feed	24.0	24.2	3.5	4.4	10.0	7.3
Clifty Falls 20% Dairy Feed	20.0	22.0	3.0	3.8	12.0	7.3
Clifty Falls 20% Dairy Feed	20.0	22.5	3.0	4.8	12.0	7.0
Clifty Falls 16% Cow Feed	16.0	17.6	3.5	3.6	15.0	10.7
Clifty Falls 16% Cow Feed	16.0	16.2	3.0	3.0	15.0	7.5
Clifty Falls 14% Hog Fattener	14.0	14.1	3.5	3.7	6.5	4.8
Clifty Falls 14% Hog Fattener	14.0	16.5	3.5	3.7	6.5	5.8
Clifty Falls Horse & Mule Feed	10.0	10.0	2.5	3.5	10.0	6.6
Clifty Falls Stock Feed	15.0	15.6	3.5	4.7	9.0	5.5
CLIMAX ROLLER MILLS, SHELBYVILLE, KENTUCKY						
Climax Scratch Feed	10.6	<u>9.9</u>	3.0	2.7	2.0	2.3
Contained unground weed seeds.						
CLINTON HATCHERY, CLINTON, KENTUCKY						
New Deal Pig & Sow Meal	18.0	19.5	4.0	4.8	6.0	6.1
CLINTON MILLING CO., CLINTON, KENTUCKY						
Climco 16% Dairy Feed	16.0	18.1	3.5	<u>2.8</u>	13.0	7.7
Climco 16% Dairy Feed	16.0	19.2	3.0	<u>3.9</u>	13.0	9.9
Climco 16% Dairy Feed	16.0	16.9	3.0	2.9	13.0	8.7
Tennessee Special 16% Dairy Feed	16.0	17.5	3.5	3.5	10.0	8.9
H. C. COLE MILLING CO., CHESTER, ILLINOIS						
Omega Wheat Gray Shorts (Low Protein) with Screenings	15.0	16.2	4.0	4.4	6.0	6.3
Omega Wheat Gray Shorts (Low Protein) with Screenings	15.0	15.8	4.0	3.9	6.0	6.3
CLELL COLEMAN & SONS, BURGIN, KENTUCKY						
Coleman's Pig & Hog Feed	16.5	16.4	3.5	4.5	6.0	5.4
COLORADO MILLING & ELEVATOR CO., DENVER, COLORADO						
Wheat Gray Shorts & Screenings	16.0	<u>15.1</u>	4.0	3.7	6.0	5.1
COLUMBUS MILLING CO., COLUMBUS, INDIANA						
Vim Scratch Feed	8.0	8.1	3.0	3.2	4.0	2.1
Hominy Feed	8.0	8.6	5.0	4.5	4.0	2.8
COMMUNITY MILLS, IRVINGTON, KENTUCKY						
Our Pride 20% Laying Mash	20.0	19.7	3.5	4.4	7.0	5.7
Our Pride 32% Dairy Supplement	32.0	31.6	3.0	4.2	9.0	7.6

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

REGULATORY BULLETIN NO. 88

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
COMMUNITY MILLS, IRVINGTON, KENTUCKY (Cont'd)						
Our Pride 20% Dairy Feed	20.0	22.5	3.0	2.5	15.0	9.6
Our Pride 16% Dairy Feed	16.0	17.6	3.0	2.8	15.0	11.5
Our Pride 16% Dairy Feed	16.0	16.5	3.0	2.3	15.0	13.1
Soft Wheat Feed with Screenings	12.0	14.8	3.0	3.5	6.0	6.4
COOPERATIVE MILLS, INC., CINCINNATI, OHIO						
Turkey Growing Mash	20.0	22.4	3.0	3.0	8.0	5.7
Broiler Mash	20.0	22.6	3.0	3.1	7.0	5.3
Super Laying Mash	20.0	21.2	3.0	2.6	8.0	5.6
Super Laying Mash	20.0	20.8	3.0	3.2	8.0	5.7
Intermediate Scratch Grains	10.0	9.1	2.5	3.2	4.5	2.1
Milk Maker 32% Dairy Supplement	32.0	33.3	3.0	4.0	10.0	5.7
Milk Maker 24% Dairy Feed	24.0	26.3	3.5	4.9	10.0	7.3
Milk Maker 20% Dairy Feed	20.0	22.7	3.5	4.3	10.0	8.6
Milk Maker 20% Dairy Feed	20.0	23.1	3.5	4.3	10.0	7.8
20% Dairy Feed	20.0	22.8	3.0	3.8	12.0	8.1
Milk Maker 16% Dairy Feed	16.0	16.7	3.5	4.8	10.0	6.6
Milk Maker 16% Dairy Feed	16.0	17.9	3.5	4.4	10.0	5.8
Milk Maker 16% Dairy Feed	16.0	18.5	3.5	4.9	10.0	6.8
Milk Maker 16% Dairy Feed	16.0	18.0	3.5	4.5	10.0	7.0
16% Dairy Feed	16.0	15.7	3.0	3.7	12.0	11.3
18% Calf Starter	18.0	19.0	3.0	3.9	8.0	6.4
18% Calf Starter	18.0	18.6	3.0	4.1	8.0	6.3
Pork Maker 40% Hog Supplement	40.0	41.0	2.5	2.3	8.5	6.0
35% Sow & pig Supplement	35.0	37.9	2.5	1.6	8.5	7.0
Calcium	3.0	3.6				
Phosphorus	1.2	1.6				
Iodine .....		.00007				
Salt	1.5	1.01				
20% Pig & Sow Feed	20.0	21.2	3.5	3.2	6.0	4.9
20% Pig & Sow Feed	20.0	20.9	3.5	3.4	6.0	4.8
15% Pork Maker	15.0	16.2	3.5	3.6	8.0	4.2
Horse & Mule Feed	9.0	12.0	2.5	3.3	9.0	5.6
Horse & Mule Feed	9.0	11.0	2.5	3.0	9.0	5.2
Wheat Red Dog	16.0	18.7	3.5	4.4	4.0	3.2
Hominy Feed	10.0	10.6	5.0	6.1	6.0	3.9
17% Dehydrated Alfalfa Meal	17.0	18.3	1.5	2.7	27.0	23.6
50% Meat & Bone Scraps	50.0	52.7	3.0	5.1	3.0	3.3
** Free Choice Mineral						**
Calcium	22.0	24.7				
Phosphorus	5.0	5.45				
Iodine .....		.02				
Salt	15.0	16.1				
High in salt						
Free Choice Mineral						
Calcium	22.0	25.0				
Phosphorus	5.0	5.55				
Iodine .....		.02				
Salt	15.0	14.44				

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
CORN PRODUCTS REFINING CO., NEW YORK, NEW YORK						
Buffalo Corn Gluten Feed Sweetened	18.0	19.0	.75	1.2	9.0	8.4
GEO. COUCH & SONS, NEW HARMONY, INDIANA						
Harmony stock Feed	14.0	16.1	3.5	3.7	6.0	5.2
CRESCENT ROLLER MILLS CO., TAYLORSVILLE, KENTUCKY						
Crescent 20% Starter & Grower	20.0	19.3	2.5	3.4	7.0	4.5
Crescent 20% Laying Mash	20.0	19.7	2.5	3.5	7.0	4.2
Crescent 32% Dairy Supplement	32.0	34.4	2.0	2.5	9.0	4.7
Henry's 24% Dairy Feed	24.0	22.2	3.0	4.7	15.0	5.6
Crescent Stock Feed	14.0	12.1	4.5	4.4	6.0	3.5
Crescent Stock Feed	14.0	14.4	4.5	4.2	6.0	4.0
Crescent Stock Feed	14.0	13.6	4.5	5.1	6.0	3.8
Crescent Screened Cracked Corn	8.0	6.9	3.0	3.7	4.0	1.8
Crescent Screened Cracked Corn	8.0	7.9	3.0	3.3	4.0	1.7
CUMBERLAND VALLEY HATCHERY, SOMERSET, KENTUCKY						
C-V 20% Laying Mash	20.0	20.9	4.0	3.8	8.0	6.0
High in salt.						
CUNDIFF MILLING CO., COLUMBIA, KENTUCKY						
Scratch Feed (Coarse)	9.0	9.7	3.0	2.6	5.0	2.1
Contained unground weed seeds.						
CUSTOM FEED MILLS, MORGANFIELD, KENTUCKY						
Custom Maid 18% Growing Mash	18.0	20.3	3.5	3.7	7.0	5.7
Custom Maid Pig & Sow Feed	18.0	22.1	3.5	3.7	6.0	6.1
DARLING & CO., CINCINNATI, OHIO						
Darling's 50% Meat & Bone Scraps	50.0	50.2	3.0	7.7	3.0	4.4
Darling's 55% Meat Scraps	55.0	53.8	3.0	4.7	3.0	3.0
W. B. DAVIS & SONS, KEVIL, KENTUCKY						
Davis 20% Laying Mash	20.0	22.9	3.5	4.9	8.0	6.7
Davis 16% Dairy Feed	16.0	21.3	3.0	3.0	15.0	8.1
Davis Hog Fattener	15.0	16.0	2.5	3.8	8.0	6.1
DEARBORN MILLS, AURORA, INDIANA						
Dearborn 16% Dairy Feed	16.0	17.6	3.0	3.6	15.0	8.8
Dearborn 16% Pig & Hog Ration	16.0	18.8	3.0	4.0	6.0	5.4
THE DEWEY BROS. CO., BLANCHESTER, OHIO						
Dewey's Scratch Feed	9.0	8.5	3.0	3.7	4.0	2.5
Dewco 24% Dairy Feed	24.0	25.6	3.0	3.2	15.0	8.9
Dewey 24% Dairy Ration	24.0	26.4	4.0	5.8	10.0	7.2
Dewco Hog Feed (Fattening)	15.0	15.2	3.0	4.1	8.0	6.8
W. C. DICKEN, MENTOR, KENTUCKY						
Sunny Grain 20% Laying Mash	20.0	21.8	3.0	3.8	7.0	5.3
DIXIE FEED MILL, HARTFORD, KENTUCKY						
Ready Mix 17% Dairy Feed	17.0	18.5	3.5	4.3	9.5	8.9

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REGULATORY BULLETIN NO. 88

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
DIXIE MILLS CO., EAST ST. LOUIS, ILLINOIS						
Dixie Starter & Grower Mash	20.0	21.3	3.5	3.2	7.0	5.8
Dixie Laying Mash	20.0	23.1	4.0	3.7	6.5	5.7
Dixie Egg Mash	18.0	20.2	3.5	4.6	8.0	6.9
Dixie Complete Laying Ration	16.5	19.4	3.5	3.8	6.5	5.4
Dixie 34% Dairy Feed	34.0	36.3	4.0	2.6	12.0	9.3
Dixie 16% Dairy Feed	16.0	19.6	3.0	3.5	14.0	9.5
Dixie 15% Hog Fatner	15.0	16.6	3.5	4.1	7.0	5.5
DIXIE-PORTLAND FLOUR CO., CHATTANOOGA, TENNESSEE						
Blue Stock Mixed Feed	11.5	14.8	3.0	3.9	15.0	5.9
DOUTHITT & SPILLMAN FEED MILL, WINGO, KENTUCKY						
Wingo Special 18% Pig & sow Feed	18.0	19.7	4.0	3.7	6.0	4.6
THE DRACKETT CO., CINCINNATI, OHIO						
Drackett 44% Solvent Soybean Oil Meal	44.0	47.8	.5	1.6	7.0	5.2
DYERSBURG OIL MILL CO., DYERSBURG, TENNESSEE						
Dyersburg Oil Mill 41% Cottonseed Meal	41.0	41.6	6.0	7.1	12.0	8.6
Dyersburg Oil Mill 41% Cottonseed Meal	41.0	40.9	6.0	6.6	12.0	9.0
Dyersburg Oil Mill 41% Cottonseed Meal	41.0	41.0	6.0	7.3	12.0	7.9
THE EARLY & DANIEL CO., CINCINNATI, OHIO						
Tuxedo Mash Supplement	34.0	36.9	2.5	2.8	7.0	5.5
Tuxedo H. E. Broiler Mash	20.0	19.9	4.0	4.1	4.0	3.1
Tuxedo Special Egg Mash	20.0	20.6	3.0	4.4	8.0	7.4
Tuxedo Scratch Feed	9.0	9.6	3.0	2.5	4.0	2.3
Tuxedo 33% Dairy Supplement	33.0	37.4	2.5	2.4	8.5	5.6
Tuxedo 20% Dairy Feed	20.0	21.8	3.0	4.3	9.5	7.1
Tuxedo 16% Dairy Feed	16.0	18.8	3.0	4.0	14.0	13.6
Tuxedo Bulky Rabbit Feed (Pellet Form) ...	15.0	16.0	2.5	3.5	15.0	12.1
Tuxedo Big 40 40% Hog Supplement	40.0	42.8	2.5	2.8	7.0	5.0
41% Expeller Soybean Oil Meal	41.0	41.9	3.0	4.8	7.0	5.9
44% Solvent Extracted Soybean Oil Meal	44.0	45.6	.50	.8	7.0	6.2
Tuxedo 34% Expeller Linseed Oil Meal	34.0	37.3	3.5	4.5	9.0	7.7
ELKTON MILLING CO., ELKTON, KENTUCKY						
Cracked Corn	8.0	8.2	3.5	3.9	2.5	1.9
EMMART PACKING CO., LOUISVILLE, KENTUCKY						
Emmart's 60% Digester Tankage	60.0	63.7	6.0	7.0	3.0	1.9
F. L. EMMERT CO., CINCINNATI, OHIO						
Molasso-Malt 22% Dried Brewers Grains & Molasses	22.0	24.9	5.0	5.3	14.0	10.9
JOHN W. ESHELMAN & SONS, LANCASTER, PENNSYLVANIA						
Eshelman Red Rose Broiler Ration	20.0	21.3	3.5	4.2	7.5	5.1
Eshelman Red Rose Laying Mash	20.0	21.1	3.5	3.9	8.0	5.9
Eshelman Maintenance 20% Laying Mash	20.0	22.7	3.5	4.3	8.0	6.2

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COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
JOHN W. ESHELMAN & SONS, LANCASTER, PENNSYLVANIA (Cont'd)						
Eshelman Lancaster Scratch Grains	9.0	9.0	2.0	2.8	4.0	2.6
Kentucky Challenge 24% Dairy Feed	24.0	24.8	3.0	3.5	15.0	10.6
Eshelman S. O. S. Feed	11.0	13.5	2.0	3.0	15.0	13.1
Eshelman Wheat Bran with Screenings	14.5	16.0	3.5	4.3	10.0	10.1
EVANS MILLING CO., INDIANAPOLIS, INDIANA						
Emco Hominy Feed	10.0	10.9	5.0	6.5	7.0	4.8
EWING MILL CO., BROWNSTOWN, INDIANA						
Robertson's 16% Dairy Feed	16.0	16.2	3.0	3.6	15.0	10.4
Robertson's Wheat Red Dog	14.5	18.7	3.5	4.3	3.5	2.6
50% Meat & Bone Scraps	50.0	51.4	3.0	15.1	4.0	1.2
EXCHANGE MILLING CO., STURGIS, KENTUCKY						
Imperial 16% Dairy Feed	16.0	15.6	3.5	3.2	13.0	8.8
Imperial 14% Hog Feed (Fattening)	14.0	15.6	2.5	3.3	8.0	3.8
Excess ground limestone.						
FAMOUS FEED MILLS, NASHVILLE, TENNESSEE						
Kentucky Friendly 24% Dairy Feed	24.0	26.3	3.0	2.8	14.0	7.5
Rainbow 16% Dairy Feed	16.0	17.2	3.0	5.3	15.0	14.2
Golden Gain 16% Dairy Feed	16.0	15.2	3.0	5.3	15.0	14.4
Golden Gain 16% Dairy Feed	16.0	18.1	3.0	6.3	15.0	14.8
THE FARM MINERALS CO., INDIANAPOLIS, INDIANA						
Blue Cross Livestock Mineral with Mineral Oil						
Calcium	21.0	28.8				
Phosphorus	4.0	3.98				
Iodine .....	.003					
Salt	6.0	5.8				
FARMERS FEED MILL, ALBANY, KENTUCKY						
C & C Hog Feed	14.0	13.8	3.0	3.8	6.0	4.0
FARMERS FEED MILL, JAMESTOWN, KENTUCKY						
Farmers 16% Dairy Feed	16.0	18.1	3.0	2.8	11.0	6.8
FARMERS FEED STORE, CENTRAL CITY, KENTUCKY						
Veribest 20% Laying Mash	20.0	21.1	3.5	4.2	8.0	5.2
Veribest 20% Laying Mash	20.0	21.3	3.5	4.5	8.0	5.5
Veribest 18% All Purpose Poultry Mash	18.0	16.6	3.5	4.2	7.0	5.3
Veribest 16% Hog Ration	16.0	17.5	3.5	3.2	7.0	4.8
FARMERS FEED & SUPPLY CO., ARLINGTON, KENTUCKY						
Farmers 20% Laying Mash	20.0	20.7	4.0	4.5	7.0	6.4
Farmers 40% Hog Supplement	40.0	41.2	5.0	5.0	7.0	5.5
Farmers 15% Hog Feed	15.0	16.5	3.5	4.4	6.5	4.8
FARMERS & MERCHANTS MILLING CO., BROOKSVILLE, KENTUCKY						
Mixed Feed	13.5	15.9	3.0	3.5	8.0	6.4

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REGULATORY BULLETIN NO. 88

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
FARMERS MILLING CO., SOMERSET, KENTUCKY						
Farmers 16% Mixed Feed	16.0	15.7	4.0	9.3	15.0	6.9
Farmers XXX Stock Feed	12.5	<u>11.7</u>	2.5	6.4	15.0	12.3
FARMERS SUPPLY CO., PAINTSVILLE, KENTUCKY						
Cracked Corn	8.0	8.1	3.5	<u>2.9</u>	3.0	1.5
FARMERS UNION MILL, VERSAILLES, KENTUCKY						
Mixed Feed	13.0	13.7	4.5	6.2	8.5	7.0
FAULTLESS MILLING CO., SPRINGFIELD, ILLINOIS						
Faultless 20% Dairy Feed	20.0	23.1	3.0	2.6	15.0	10.7
J. H. FEDDERS & SON, COVINGTON, KENTUCKY						
Ground Oats	11.0	10.8	4.5	<u>3.8</u>	12.0	<u>13.7</u>
FERNCLIFF FEED & GRAIN CO., LOUISVILLE, KENTUCKY						
Cracker Jack 20% Egg Mash	20.0	21.6	2.5	3.6	8.0	6.4
Cracker Jack 20% Egg Mash	20.0	23.6	2.5	4.4	8.0	6.1
Cracker Jack 24% Sweet Dairy Feed	24.0	25.2	3.0	4.0	10.0	8.8
Fernco 24% Dairy Feed	24.0	25.5	3.0	3.1	15.0	11.4
Fernco 24% Dairy Feed	24.0	24.2	3.0	3.5	15.0	11.7
Fernco 24% Dairy Feed	24.0	26.5	3.0	3.0	15.0	11.7
Fernco 24% Dairy Feed	24.0	24.6	3.0	3.4	15.0	11.3
Sweet 16% Dairy Feed	16.0	19.6	3.0	3.5	15.0	11.7
Sweet 16% Dairy Feed	16.0	18.8	3.0	3.4	15.0	11.6
Cracker Jack Horse & Mule Feed	9.0	8.6	3.0	3.4	6.0	4.6
Cracker Jack 41% Soybean Oil Cake Meal	41.0	44.8	4.5	<u>3.5</u>	7.0	4.0
Cracker Jack 41% Cottonseed Meal	41.0	<u>39.2</u>	4.0	<u>5.0</u>	13.0	10.9
FIELD PACKING CO., OWENSBORO, KENTUCKY						
Field's 60% Digester Tankage	60.0	62.3	5.0	12.1	3.0	.9
HENRY FISCHER PACKING CO., LOUISVILLE, KENTUCKY						
Mellwood 60% Digester Tankage	60.0	61.5	5.0	12.6	2.5	1.1
Mellwood 60% Digester Tankage	60.0	62.1	5.0	11.0	2.5	1.4
FLAMBEAU MILLING CO., PHILLIPS, WISCONSIN						
Pulverized Mixed Feed Oats (Contains Oat & Other Screenings)	11.0	13.7	4.5	4.1	12.0	10.9
Pulverized Mixed Feed Oats (Contains Oat & Other Screenings)	11.0	13.4	4.5	<u>3.9</u>	12.0	11.7
Pulverized Mixed Feed Oats (Contains Oat & Other Screenings)	11.0	11.3	4.5	<u>3.7</u>	13.75	13.6
FORTUNE FEED MILLS, NASHVILLE, TENNESSEE						
Fortune 24% Sweet Dairy Feed	24.0	25.6	3.0	4.9	12.0	6.7
Fortune Liberty 24% Dairy Feed	24.0	28.3	3.0	<u>1.4</u>	14.0	11.5
Fortune Pig & Hog Feed	18.0	19.6	3.5	<u>5.4</u>	6.0	6.2
Excess ground limestone.						

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COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
HENRY FRUECHTENICHT CO., LOUISVILLE, KENTUCKY						
Producer 20% Egg Mash	20.0	21.6	3.0	4.1	7.0	6.3
Producer Scratch Feed	9.0	8.5	2.5	2.8	3.0	1.9
Producer Scratch Feed	9.0	9.4	2.5	3.1	3.0	2.1
Blue Grass 24% Dairy Feed	24.0	26.3	3.0	<u>2.3</u>	9.0	6.8
High in salt.						
Blue Grass 24% Dairy Feed	24.0	28.3	3.0	2.8	9.0	7.0
Producer 24% Dairy Feed	24.0	27.8	3.0	4.3	11.0	8.9
Blue Grass 20% Dairy Feed	20.0	23.4	3.0	3.9	9.0	7.0
Blue Grass 16% Dairy Feed	16.0	21.0	3.0	3.3	9.0	5.1
High in salt.						
Blue Grass 40% Pig & Hog Supplement	40.0	44.0	2.5	3.0	8.0	7.1
Blue Grass 40% Pig & Hog Supplement	40.0	39.6	2.5	2.8	8.0	5.8
Blue Grass Horse & Mule Feed	9.0	8.8	3.5	3.6	6.0	3.4
Wheat Gray Shorts & Screenings	16.0	17.8	4.0	4.3	6.0	7.2
Cracked Corn	8.0	8.0	3.5	3.8	2.5	<u>1.8</u>
FRUEN MILLING CO., MINNEAPOLIS, MINNESOTA						
Fruen's Pulverized Mill Oats	12.0	11.8	4.0	5.1	15.0	<u>15.7</u>
FUHRER-FORD MILLING CO., MT. VERNON, INDIANA						
Wheat Gray Shorts and Screenings	16.0	16.6	4.0	5.0	6.0	6.7
Wheat Gray Shorts and Screenings	16.0	16.6	4.0	4.5	6.0	<u>6.8</u>
Wheat Gray Shorts and Screenings	16.0	16.1	4.0	4.6	6.0	<u>6.9</u>
FUNK BROS. SEED CO., BLOOMINGTON, ILLINOIS						
Funk's 41% Expeller Soybean Oil Meal	41.0	44.3	3.5	4.4	7.0	5.0
GARDEN STREET MILL & ELEVATOR CO., LOUISVILLE, KENTUCKY						
Garden 24% Dairy Feed	24.0	23.7	3.0	3.6	15.0	9.7
Garden 24% Dairy Feed	24.0	29.7	3.0	4.2	15.0	10.6
Garden 24% Dairy Feed	24.0	<u>23.0</u>	3.0	2.5	15.0	12.5
Garden Special 16% Dairy Feed	16.0	<u>19.5</u>	3.0	2.8	15.0	11.4
Garden Special 16% Dairy Feed	16.0	22.5	3.0	3.8	15.0	10.1
GARRARD MILLS, LANCASTER, KENTUCKY						
Big G 20% Egg Mash	20.0	19.7	2.5	3.2	7.0	5.5
Moore's Special 20% Dairy Feed	20.0	18.8	3.0	2.8	10.5	5.0
Big G 18% Sow & Pig Feed	18.0	<u>18.1</u>	3.5	3.8	6.0	5.1
Glen Lily Mixed Feed	12.5	12.4	3.5	3.8	6.0	5.4
J. I. GATES MILLING CO., COLUMBUS, OHIO						
Well Maid 24% Dairy Feed	24.0	<u>21.7</u>	3.0	2.6	10.0	10.2
Very much below guarantee in protein con- tained screenings and unground weed seeds, sand and dirt. Excess urea.						
Economy 20% Dairy Feed	20.0	20.2	3.0	2.6	12.0	9.7
Contained corn cob. Excess urea.						
Economy Special 16% Dairy Feed	16.0	<u>13.2</u>	3.0	<u>1.9</u>	15.0	10.3
Very much below guarantee in protein. Excess urea.						
Wheat Standard Middlings	12.0	13.3	3.0	5.7	9.5	5.0

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terated with hulls, unground weed seeds, or refuse.

REGULATORY BULLETIN NO. 88

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
GENERAL DISTRIBUTORS, COVINGTON, KENTUCKY						
Made Rite 16% Pig Starting & Weaning Meal ..	16.0	17.8	3.5	<u>2.8</u>	6.0	6.3
GENERAL MILLS, INC., MINNEAPOLIS, MINNESOTA						
Sulfaquinoxaline in Larro Broiler Feed	20.0	22.4	3.0	3.4	5.5	4.1
Larro Broiler Feed	20.0	23.6	3.5	3.4	5.5	4.1
Larro 20% Poultry Breeder Mash	20.0	23.9	3.5	4.4	8.0	7.4
Larro 20% Poultry Breeder Mash	20.0	21.5	3.5	3.5	8.0	6.5
Larro 20% Egg Mash	20.0	22.0	3.5	3.4	8.0	5.8
Larro Scratch Grains	9.0	9.3	2.5	2.8	4.0	3.0
Larro 16% Dairy Feed	16.0	17.7	3.0	3.1	12.0	8.0
Larro 24% Calf Builder	24.0	24.0	3.5	4.2	6.5	3.5
Larro 40% Hog Feed Supplement	40.0	41.7	3.0	4.0	7.0	6.8
Larro 15% Rabbit Pellets	15.0	16.3	2.0	2.8	19.0	16.7
**Washburn's Gold Medal Adrain Hard Wheat Red						
Dog	16.0	15.7	4.0	<u>3.4</u>	4.0	1.2**
Sonny South Wheat Bran	14.5	16.2	3.75	<u>3.6</u>	10.0	9.1
GERMANTOWN MILLING CO., GERMANTOWN, KENTUCKY						
Wheat Mixed Feed and Screenings	13.5	13.5	3.0	3.1	7.0	6.1
GLASGOW TRADING CENTER, GLASGOW, KENTUCKY						
Cracked Corn	8.0	<u>7.1</u>	3.0	3.6	2.0	1.7
THE GLIDDEN CO., CHICAGO, ILLINOIS						
Ground Soybean Mill feed	12.0	19.8	2.0	2.4	35.0	26.0
THE GLIDDEN CO., INDIANAPOLIS, INDIANA						
Glidden 34% Mash Concentrate	34.0	34.3	2.0	1.8	8.0	<u>8.7</u>
Calcium	3.1	5.1				
Phosphorus	1.1	1.69				
Iodine .....	.0015					
Salt	1.7	1.56				
Glidden Laying Mash	20.0	21.1	2.5	3.4	8.0	5.7
Glidden 26% Calf Starter Concentrate	26.0	28.2	3.0	3.1	7.0	6.4
Glidden Cattle Sweet Feed	15.0	17.8	1.0	3.6	12.0	8.8
Glidden 35% Pig & Sow Supplement	35.0	37.0	1.5	1.2	9.0	7.8
Calcium	2.65	4.5				
Phosphorus .....	.95	1.69				
Iodine .....	.0015					
Salt	2.1	1.44				
EDW. F. GOEKE SONS, EVANSVILLE, INDIANA						
Big Gee 20% Egg Mash	20.0	21.6	4.0	3.7	7.0	4.9
Goeke's 40% Hog Supplement	40.0	42.3	4.5	<u>2.8</u>	8.0	3.9
GOFF MILLING CO., HISEVILLE, KENTUCKY						
Goff 20% Dairy Feed	20.0	20.0	3.5	<u>2.6</u>	13.0	10.4
16% Dairy Feed	16.0	19.2	3.0	<u>2.5</u>	13.0	12.0
Goff 16% Dairy Feed	16.0	18.7	3.0	2.5	13.0	12.7

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
THE GOLDCAMP MILL CO., IRONTON, OHIO						
Egg-O 20% Laying Mash	20.0	19.6	3.5	4.1	7.0	6.8
Egg-O Scratch Feed	9.0	8.8	3.0	3.7	4.0	2.3
Cream Flow 24% Dairy Feed	24.0	27.5	3.5	3.1	10.0	7.9
Milco White 24% Dairy Feed	24.0	23.6	3.5	3.1	15.0	9.3
Gold-Co 16% Dairy Feed	16.0	17.7	3.5	2.9	12.0	13.7
Excess Screenings Refuse.						
Gold-Co 16% Dairy Feed	16.0	19.3	3.5	3.2	12.0	13.9
Contained unground weed seeds.						
That Good Hog Fattener	12.0	12.3	4.6	4.8		4.0
Goldcamp Pig & Hog Grower	17.0	17.4	4.5	4.4	6.0	5.9
Screened Cracked Corn	8.25	8.2	3.9	4.6	2.0	1.9
GOOCH FEED MILL, LINCOLN, NEBRASKA						
Gooch's Best 20% Layer Breeder Mash	20.0	20.7	3.5	3.3	7.5	6.3
GWINN BROS. & CO., HUNTINGTON, WEST VIRGINIA						
Gwinn's Early Lay 20% Laying Mash	20.0	21.7	3.5	2.9	8.0	6.0
Gwinn's Merit 20% Laying Mash	20.0	20.9	3.0	2.9	8.0	5.8
Contained unground weed seeds.						
Gwinn's Pioneer 18% Laying Mash	18.0	19.0	3.0	3.8	8.0	7.1
Gwinn's Sugar Jack 24% Dairy Feed	24.0	25.2	3.0	3.8	12.0	8.5
Gwinn's Tip Top 24% Dairy Feed	24.0	26.2	3.0	2.8	15.0	14.8
Banner 24% Dairy Feed	24.0	24.0	3.0	3.3	15.0	11.8
Gwinn's Make Milk 20% Dairy Feed	20.0	21.9	3.5	3.1	10.0	7.8
Gwinn's Sweet Maid 16% Dairy Feed	16.0	18.7	3.5	3.8	10.0	8.7
Banner 16% Dairy Feed	16.0	17.2	3.0	3.8	15.0	13.5
Gwinn's 95% Grain Horse Feed	9.0	7.9	2.5	3.4	12.0	3.4
Wheat Red Dog	16.0	14.0	4.0	3.0	4.0	4.1
Very much below guarantee in protein.						
Gwinn's Mixed Feed & Screenings	13.5	13.4	4.0	3.5	7.5	6.6
HALES & HUNTER CO., CHICAGO, ILLINOIS						
Red Comb 26% Poultry Supplement	26.0	27.0	3.0	2.9	8.0	7.3
Calcium	3.5	4.03				
Phosphorus	1.5	1.13				
Iodine .....		.003				
Salt	1.5	1.15				
Red Comb 20% Egg Mash	20.0	21.7	3.0	3.4	7.0	6.0
Red Comb 20% Egg Mash	20.0	22.0	3.0	3.2	7.0	6.5
Red Comb 20% Egg Mash	20.0	19.6	3.0	3.8	7.0	6.4
Pioneer 32% Dairy Pellets	32.0	32.8	3.0	3.0	8.0	6.5
College 20% Dairy Feed	20.0	21.4	3.5	2.5	10.0	6.8
Pioneer 18% Dairy Feed	18.0	20.2	3.0	3.2	9.0	6.9
Gold Flake 16 1/2% Dairy Feed	16.5	19.6	3.0	2.6	15.0	10.7
Gold Flake 16 1/2% Dairy Feed	16.5	18.5	3.0	3.1	15.0	10.2
College 16% Dairy Feed	16.0	18.9	3.5	3.5	10.0	7.6
Harvest 16% Dairy Feed	16.0	18.4	3.0	2.0	15.0	9.8
Pioneer 12% Dry and Freshening Feed	12.0	11.9	2.5	3.6	10.0	7.2

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

REGULATORY BULLETIN NO. 88

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
HALES & HUNTER CO., CHICAGO, ILLINOIS (Cont'd.)						
Pioneer 40% Hog Balancer.....	40.0	40.0	3.0	<u>2.4</u>	7.0	6.3
Calcium	3.5	3.9				
Phosphorus	1.5	1.5				
Iodine .....	.003					
Salt	2.25	2.21				
Pioneer 21% Sow & Pig Feed	21.0	21.9	3.0	3.2	6.0	<u>7.2</u>
HANCOCK & FRANKLIN MILLS, LOUISVILLE, KENTUCKY						
Arrow 20% Egg Mash	20.0	21.1	3.0	4.1	7.0	6.2
Arrow 24% Dairy Feed	24.0	25.4	3.0	4.3	11.0	8.2
Arrow 16% Dairy Feed	16.0	17.0	2.5	<u>1.8</u>	15.0	11.7
Contained screenings refuse instead of screenings grain.						
HAPPY MILLS, MEMPHIS, TENNESSEE						
Happy Hen Egg Mash	20.0	22.2	3.5	4.2	7.0	6.0
Happy 24% Cow Feed	24.0	27.4	3.0	2.7	10.0	7.7
Happy 24% Cow Feed	24.0	25.7	3.0	2.7	10.0	6.0
HARDIN MILLING CO., HARDIN, KENTUCKY						
Marco 18% Hog Fattener	18.0	19.4	3.0	3.3	8.0	6.6
HARDY SALT CO., ST. LOUIS, MISSOURI						
Hardy's Salt with Trace Minerals						
Salt	96.0	93.0				
R. L. HARRISON & SON, BAGDAD, KENTUCKY						
Harrison's Hen Scratch	9.5	<u>8.4</u>	3.5	3.0	3.0	1.9
Bulky 16 1/2% Dairy Feed	16.5	<u>15.4</u>	3.75	<u>1.9</u>	15.0	7.0
THE P. H. HARSHA MILLING CO., PORTSMOUTH, OHIO						
Harsha's Producto 20% Laying Mash	20.0	21.2	3.5	4.2	8.0	6.0
Harsha Producto 18% Pig & Hog Grower	18.0	18.9	4.0	5.2	6.0	5.4
Harsha's Big Value Farm Feed	12.0	16.5	3.0	3.8	15.0	7.7
EDWIN C. HAWKINS, PADUCAH, KENTUCKY						
Big Deal 18% Egg Mash	18.0	19.7	4.0	4.5	8.0	<u>8.7</u>
Record 24% Dairy Feed	24.0	29.4	3.0	<u>2.2</u>	15.0	<u>9.8</u>
Record 16% Dairy Feed	16.0	17.0	3.0	<u>2.2</u>	15.0	12.3
Record Hog Feed	16.0	18.3	3.5	<u>5.6</u>	6.0	5.3
G. M. HAYCRAFT & SON, LEITCHFIELD, KENTUCKY						
Haycraft's 18% Laying Mash	18.0	20.0	2.5	3.2	7.0	5.0
HAYDON MILL & GRAIN CO., SPRINGFIELD, KENTUCKY						
Magic Laying Mash	19.0	22.0	3.0	4.2	7.5	4.7
Magic 24% Sweet Dairy Feed	24.0	26.2	3.0	3.1	12.0	9.6
Wooten's 24% Dairy Feed	24.0	26.9	3.0	4.8	14.0	8.9
Magic 16% Sow & Pig Feed	16.0	16.1	3.0	5.2	5.5	5.5
Magic 14% Hog Fattener	14.0	16.2	3.0	4.7	5.5	5.7
Magic Stock Feed	16.0	<u>14.6</u>	5.0	4.9	8.0	6.4

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COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
HAYDON MILL & GRAIN CO., SPRINGFIELD, KENTUCKY (Cont'd.)						
Magic Mixed Feed	11.0	14.7	3.0	3.8	10.0	7.3
Corn By-Product Feed	10.0	<u>8.9</u>	4.5	6.6	7.5	7.5
THE HAYS CITY FLOUR MILLS, HAYS, KANSAS						
Wheat Gray Shorts with Screenings	16.0	15.1	4.0	3.6	6.0	4.7
Wheat Gray Shorts with Screenings	16.0	<u>17.1</u>	4.0	3.9	6.0	5.5
DR. HEINZ CO., WASHINGTON C. H., OHIO						
Century Egg Mash	18.0	19.9	3.0	4.5	8.0	7.3
Heinz Nu-Way All-Mash Laying Ration	18.0	17.8	3.5	4.2	7.5	6.6
Contained Screenings Refuse.						
Heinz Nu-Way 24% Dairy Feed	24.0	24.9	3.0	2.9	9.0	6.8
Heinz Nu-Way 20% Dairy Feed	20.0	22.2	3.0	2.7	9.0	6.4
Contained Screenings Refuse.						
Century Hog Ration	15.0	17.4	3.5	3.9	7.0	5.8
Contained weed seeds.						
HELMERS FEED & SUPPLY CO., OWENSBORO, KENTUCKY						
Chowmix 14% Hog Feed	14.0	14.3	3.5	3.5	5.0	2.9
HODGENVILLE ROLLER MILLS, HODGENVILLE, KENTUCKY						
Wheat Mixed Feed	10.0	13.9	3.0	2.8	8.0	5.4
HOME MILLING CO., GREENVILLE, KENTUCKY						
Happy Home All Mash Poultry Ration	18.0	<u>16.4</u>	3.5	4.6	7.0	5.2
Happy Home 18% Laying Mash	18.0	<u>16.7</u>	3.5	5.3	8.0	6.5
Contained screenings and unground weed seeds.						
Happy Home 18% Laying Mash	18.0	<u>17.4</u>	3.5	3.7	8.0	7.6
Scratch Feed	9.0	<u>8.0</u>	3.0	3.1	3.5	1.9
Happy Home 24% Dairy Feed	24.0	<u>22.6</u>	4.0	<u>2.9</u>	8.0	9.0
Happy Home 24% Dairy Feed	24.0	<u>24.4</u>	4.0	<u>2.9</u>	8.0	<u>9.5</u>
Farm-Wa Dairy Feed	16.0	18.7	4.0	<u>3.6</u>	12.0	<u>11.2</u>
Happy Home 16% Sweet Dairy Feed	16.0	19.7	3.0	4.0	15.0	13.8
Contained unground weed seeds.						
Happy Home 16% Sweet Dairy Feed	16.0	18.1	3.0	4.0	15.0	11.2
Happy Home Hog Ration	16.0	17.9	3.0	5.8	8.0	6.0
Contained unground weed seeds.						
Happy Home Hog Ration	16.0	19.7	3.0	5.5	6.0	7.1
Happy Home Hog Ration	16.0	19.7	3.0	4.8	6.0	<u>8.0</u>
Very much above guaranty in fiber.						
HOME OIL CO., DECATUR, ALABAMA						
41% Cottonseed Meal	41.0	41.4	5.0	5.7	12.0	9.1
HOPKINSVILLE MILLING CO., HOPKINSVILLE, KENTUCKY						
Life Cycle 18% Poultry Mash	18.0	18.3	3.5	4.0	7.0	6.7
Life Cycle 18% Poultry Mash	18.0	18.7	3.5	3.7	7.0	6.7
Sunflower Wheat Brown Shorts with Screenings	15.0	15.6	3.5	3.8	7.5	6.4
Hominy Feed	10.0	9.8	7.0	6.5	8.0	4.3
FRANK HOPWOOD, CLAY, KENTUCKY						
Hoppy's 40% Hog Supplement	40.0	40.9	4.0	5.0	8.0	4.7
**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.						

REGULATORY BULLETIN NO. 88

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
HORSE CAVE MILLS, HORSE CAVE, KENTUCKY						
Superior Mixed Feed	12.0	13.7	4.0	3.3	8.5	5.7
Ground Wheat	12.0	13.6	2.0	2.0	3.0	3.6
HUEGELY ELEVATOR CO., NASHVILLE, TENNESSEE						
Expeller Soybean Oil Meal	41.0	42.0	4.0	5.2	7.0	5.7
IGLEHEART BROS., EVANSVILLE, INDIANA						
Winter Wheat Gray Shorts and Screenings	14.0	14.9	3.5	4.7	6.0	4.3
Mill Run Wheat Feed with Ground Wheat Screenings	15.5	15.4	4.0	3.9	9.5	6.2
ILLINOIS CEREAL MILLS, INC., PARIS, ILLINOIS						
Hominy Feed	10.0	9.6	5.0	5.4	5.0	4.0
INDEPENDENT OIL MILL, INC., JACKSON, TENNESSEE						
Independent 41% Cottonseed Meal	41.0	39.6	5.0	5.3	12.0	12.4
Independent 41% Cottonseed Meal	41.0	38.7	5.0	5.7	12.0	11.2
Very much below guarantee in protein.						
Independent 41% Cottonseed Meal.....	41.0	39.4	5.0	5.1	12.0	12.2
Independent 41% Cottonseed Meal.....	41.0	38.8	5.0	5.4	12.0	11.3
Very much below guarantee in protein.						
JACKSON COTTON OIL MILL, JACKSON, TENNESSEE						
Bell Cow 41% Cottonseed Meal	41.0	40.6	5.0	6.5	12.0	10.0
JASPER MILLING CO., SCIENCE HILL, KENTUCKY						
Scratch Feed	9.0	9.1	2.5	2.7	5.0	1.9
Scratch Feed	9.0	10.0	2.5	2.2	5.0	2.2
JONES PACKING CO., PADUCAH, KENTUCKY						
Jones 45% Tankage	45.0	46.4	10.0	17.2	4.0	2.2
T. A. JONES & SONS, PADUCAH, KENTUCKY						
Jones' 48% Tankage	48.0	47.5	14.0	18.1	4.0	1.9
Jones' 48% Tankage	48.0	51.6	14.0	14.0	4.0	2.4
THE E. KAHN'S SONS CO., CINCINNATI, OHIO						
Diamond K 60% Tankage	60.0	63.9	6.0	9.6	3.0	2.6
KASCO MILLS, TOLEDO, OHIO						
Kasco Turkey Grower	20.0	20.2	3.0	4.1	8.0	6.3
Kasco Egg Producer	20.0	21.6	3.0	4.0	7.5	5.8
Kasco Pigeon Feed	12.0	13.0	2.5	2.5	5.5	2.1
Kasco MorMilk Dairy Feed	24.0	26.4	3.0	3.3	10.0	8.7
Kasco Beatsall Milk Grains 20% Dairy Feed ...	20.0	21.1	3.5	3.7	10.0	7.9
Kasco Beatsall Milk Grains 16% Dairy Feed ...	16.0	17.9	3.5	3.9	10.0	7.2
Kasco Pig & Hog Feed	20.0	22.1	3.5	4.2	6.0	5.8
KECO MILLING CO., MCKENZIE, TENNESSEE						
Keco 16% Dairy Feed	16.0	18.9	3.0	2.5	15.0	11.4

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COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
SPENCER KELLOGG & SONS, BUFFALO, NEW YORK						
Kellogg's 44% Solvent Toasted Soybean Oil						
Meal	44.0	46.0	.5	2.6	7.0	5.2
KENTUCKY ANIMAL BY-PRODUCTS CO., RUSSELLVILLE, KY.						
Blue Ribbon 50% Tankage	50.0	56.1	6.0	15.4	3.0	1.6
Blue Ribbon 50% Tankage	50.0	56.8	6.0	12.7	3.0	2.1
KENTUCKY CHEMICAL INDUSTRIES, CINCINNATI, OHIO						
Big Bargain 18% Egg Mash	18.0	18.9	4.0	3.9	8.0	8.2
Special Big Bargain 16% Dairy Feed	16.0	16.7	3.5	3.8	15.0	11.6
Contained unground weed seeds.						
Provico 18% Sow & Pig Feed	18.0	17.8	3.5	3.4	6.0	5.9
Provico Sweet Horse & Mule Feed	10.0	8.4	2.5	2.7	8.0	4.8
K-C 50% Meat & Bone Scraps	50.0	52.6	4.0	6.8	2.0	1.7
KENTUCKY COTTON & GRAIN CO., HICKMAN, KENTUCKY						
Kentucky Scratch Grains	9.0	9.7	3.0	2.7	5.0	2.2
F. W. KIBLER MILLING CO., MT. ORAB, OHIO						
Kibler 34% Dairy Supplement	34.0	37.9	3.0	2.9	12.0	8.6
Kibler 24% Dairy Feed	24.0	27.2	3.5	5.0	12.0	7.9
KINGSTON FARMERS EXCHANGE, KINGSTON, OHIO						
Steel Cut Corn	8.0	8.8	3.0	3.1	2.5	2.0
KITTRELL GRAIN & FEED CO., NASHVILLE, TENNESSEE						
Surety 24% Dairy Feed	24.0	28.4	3.0	7.4	15.0	8.7
Excess urea.						
O. K. 20% Dairy Feed	20.0	19.9	3.0	5.2	15.0	11.7
Contained screenings refuse.						
O. K. 20% Dairy Feed	20.0	20.9	3.0	4.6	15.0	10.5
Surety 16% Dairy Feed	16.0	16.9	3.0	4.2	15.0	15.3
Excess urea and screenings refuse.						
Surety 16% Dairy Feed	16.0	17.5	3.0	4.9	15.0	16.8
Contained screenings refuse, excess urea.						
Surety 16% Dairy Feed	16.0	18.8	3.0	5.5	15.0	14.1
Surety Hog Ration	14.0	16.2	3.0	2.8	8.0	8.5
KUHNER PACKING CO., MUNCIE, INDIANA						
Kuhner's 60% Tankage	60.0	63.4	5.0	9.9	3.0	1.2
KUTTAWA MILLING CO., KUTTAWA, KENTUCKY						
Wheat Feed	12.0	15.8	3.5	3.7	9.0	7.0
LABROT & GRAHAM, FRANKFORT, KENTUCKY						
28% Distillers Corn Dried Grains	28.0	24.9	7.5	9.2	13.5	12.9
LAFAYETTE MILLING CO., LAFAYETTE, KENTUCKY						
Pork Producer 18% Hog Feed	18.0	18.0	3.0	4.9	6.0	3.2
LAKE COUNTY OIL MILL, TIPTONVILLE, TENNESSEE						
41% Cottonseed Meal	41.0	46.0	4.0	3.8	10.0	8.3
41% Cottonseed Meal	41.0	42.5	4.0	4.4	10.0	7.3
**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.						

REGULATORY BULLETIN NO. 88

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
LAUHOFF GRAIN CO., DANVILLE, ILLINOIS						
Vermillion Hominy Feed	10.0	9.6	7.0	<u>5.6</u>	6.0	3.6
Vermillion Hominy Feed	10.0	10.1	7.0	<u>5.8</u>	6.0	3.8
LAWRENCEBURG TERMINAL ELEVATOR CORP., LAWRENCEBURG, INDIANA						
Excello 32% Dairy Concentrate	32.0	32.2	3.0	3.7	10.0	6.5
Calcium	2.0	<u>.65</u>				
Phosphorus .....	.75	<u>1.3</u>				
Iodine .....	.002					
Salt	2.5	2.9				
Excello 40% Hog Supplement	40.0	39.8	2.5	5.1	7.0	6.2
LEWISBURG ROLLER MILL, LEWISBURG, KENTUCKY						
Coon Range 35% Hog Supplement	35.0	40.0	3.5	3.9	7.5	5.4
LEXINGTON ROLLER MILLS, LEXINGTON, KENTUCKY						
Thoroughbred (Kentucky Queen) 20% Starting, Growing All Mash	20.0	19.5	3.5	4.0	6.0	5.6
Kentucky Queen 20% Egg Mash	20.0	21.1	4.0	4.0	8.0	5.9
High in salt.						
Kentucky Queen 20% Egg Mash	20.0	21.4	4.0	4.1	8.0	4.8
Thoroughbred Scratch Feed	9.0	9.7	3.0	2.7	3.0	1.9
Contained unground weed seeds.						
Thoroughbred Scratch Feed	8.0	9.3	2.5	2.5	3.0	2.0
Thoroughbred 24% Sweet Dairy Feed	24.0	25.5	3.0	4.0	8.0	7.7
Thoroughbred 24% Sweet Dairy Feed	24.0	24.3	3.0	5.0	8.0	6.4
Sweet Sue 24% Sweet Dairy Feed	24.0	24.2	3.0	4.3	13.0	8.8
Thoroughbred 16% Sweet Dairy Feed	16.0	18.8	3.0	4.3	13.0	6.4
Sweet Sue 16% Sweet Dairy Feed	16.0	15.1	3.0	4.4	15.0	9.7
Sweet Sue 16% Sweet Dairy Feed	16.0	<u>17.5</u>	3.0	4.5	15.0	9.7
Thoroughbred 16% Pig & Hog Ration	16.0	16.4	4.0	4.3	6.0	4.5
Bossie Stock Feed	13.0	15.0	3.0	3.8	11.0	8.5
Bossie Stock Feed	13.0	13.9	3.0	4.1	11.0	6.8
LIBERTY MILLS, NASHVILLE, TENNESSEE						
Liberty Laying Mash	18.0	18.0	2.5	6.0	8.0	7.4
LOFTON'S MILL, PROVIDENCE, KENTUCKY						
Veribest 20% Laying Mash	20.0	22.6	3.5	4.7	8.0	5.5
Veribest Hen Scratch Feed	8.0	8.5	3.0	2.7	5.0	1.8
Farmers Sweet 24% Dairy Feed	24.0	25.0	3.0	3.3	10.0	8.1
Farmers 16% Dairy Feed	16.0	18.3	3.0	3.7	15.0	9.7
Veribest 85% Grain Horse & Mule Feed	10.0	<u>8.7</u>	3.0	2.9	10.0	5.6
LONDON FEED & MILLING CO., LONDON, KENTUCKY						
Laurel Special 20% Laying Mash	20.0	20.8	4.0	4.1	6.5	6.6
Laurel Special Complete Pig & Sow Feed	16.0	<u>14.2</u>	3.0	4.0	6.0	5.4
LORETTO MILL CO., LORETTO, KENTUCKY						
Wheat Feed & Screenings	10.5	14.8	2.5	3.6	7.5	6.9

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
LOUDONVILLE MILLING CO., LOUDONVILLE, OHIO						
Le-Grande Soft Winter Wheat Brown Middlings with Screenings.....	13.5	14.2	4.0	3.8	7.0	6.8
LOUISA SUPPLY CO., LOUISA, KENTUCKY						
Louisa Screened Cracked Corn	9.0	<u>8.3</u>	4.0	4.2	2.5	1.8
LOUISVILLE SOY PRODUCTS CORP., LOUISVILLE, KENTUCKY						
Lou Soy 44% Solvent Soybean Oil Meal	44.0	46.0	.5	2.9	7.0	4.9
L. B. LOVITT CO., MEMPHIS, TENNESSEE						
Lovit 41% Cottonseed Meal	41.0	<u>40.1</u>	4.0	5.8	13.0	11.0
Lovit 41% Cottonseed Meal	41.0	<u>41.2</u>	4.0	5.9	13.0	9.2
Lovit 41% Cottonseed Meal	41.0	40.3	4.0	6.3	13.0	9.9
Lovit 41% Cottonseed Meal	41.0	45.2	4.0	5.3	13.0	9.4
Lovit 41% Soybean Oil Meal	41.0	43.1	3.5	3.9	7.0	6.1
LYNN GROVE MILLING CO., LYNN GROVE, KENTUCKY						
Wheat Bran & Shorts	14.0	15.7	3.5	3.8	8.0	7.2
McCARLEY & RICHARDSON, RUSSELLVILLE, KENTUCKY						
Victory Scratch Feed	8.0	8.6	3.0	3.3	3.5	2.1
Victory Scratch Feed	8.0	9.0	3.0	3.0	3.5	2.2
Mixed Feed	14.0	14.0	2.5	3.3	5.5	5.3
Contained unground weed seeds.						
Mixed Feed	14.0	13.7	2.5	3.9	5.5	5.6
Mixed Feed	14.0	13.6	2.5	3.6	5.5	5.3
J. E. MCGAHAN & CO., PAINTSVILLE, KENTUCKY						
Cracked Corn	9.0	7.2	3.75	2.8	2.5	1.5
Corn Feed Meal	8.0	<u>8.6</u>	3.75	<u>3.4</u>	4.0	1.9
McMILLEN FEED MILLS, FORT WAYNE, INDIANA						
Master Mix M-V 18% Turkey Grower	18.0	19.2	2.5	3.7	7.0	5.9
Master Mix 34% Protein & Mineral Laying Mash Concentrate	34.0	34.5	1.5	1.9	9.0	7.3
Calcium	2.5	2.4				
Phosphorus .....	.85	1.1				
Iodine .....	.002					
Salt	1.5	1.56				
Master Mix 20% Egg Mash	20.0	22.4	2.5	3.1	7.0	5.5
Master Mix 24% Dairy Feed	24.0	26.9	3.0	3.5	9.0	6.9
Hummer 16% Dairy Feed	16.0	19.3	3.0	<u>2.3</u>	15.0	11.7
Contained Screenings Refuse.						
Hummer 16% Dairy Feed	16.0	19.4	3.0	<u>2.4</u>	15.0	10.4
Contained weed seeds, stems, hulls, etc.						
MASTER FEED & SEED CO., INC., LOUISVILLE, KENTUCKY						
Gilt Edge Special 20% Broiler Mash	20.0	20.3	3.0	3.3	4.0	3.3
Wheat Mixed Feed	15.0	16.1	3.5	3.8	9.0	7.3
Wheat Mixed Feed	15.0	15.7	3.5	4.0	9.0	7.7

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REGULATORY BULLETIN NO. 88

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
MAYFIELD MILLING CO., MAYFIELD, KENTUCKY						
White Tag 16% Dairy Feed	16.0	17.3	4.0	3.8	7.0	8.2
White Chester 40% Hog Supplement	40.0	44.6	6.0	<u>5.1</u>	5.0	<u>6.2</u>
MAYFIELD RENDERING CO., MAYFIELD, KENTUCKY						
50% Meat & Bone Scraps	50.0	<u>46.9</u>	8.0	14.8	3.0	2.9
Very much below guarantee in protein.						
50% Meat & Bone Scraps	50.0	54.0	8.0	12.5	3.0	2.7
MAYFIELD & SNYDER FARM CENTER, LEWISPORT, KENTUCKY						
Chowmix 14% Hog Feed	14.0	13.8	3.5	4.6	5.0	2.7
MAYFIELD SWEET FEED MILL, MAYFIELD, KENTUCKY						
State Leader 16% Dairy Feed	16.0	17.1	3.5	3.0	10.0	7.0
MAYFLOWER MILLS, FORT WAYNE, INDIANA						
Mayflower Low Protein Wheat Brown Middlings & Screenings	14.0	14.3	4.0	3.7	7.5	5.7
Mayflower Low Protein Wheat Brown Middlings & Screenings	14.0	15.0	4.0	3.8	7.5	5.9
MEEKS FEED MILLS, BROOKPORT, ILLINOIS						
Mix Rite 16% Sweet Dairy Feed	16.0	<u>14.3</u>	3.5	<u>1.6</u>	15.0	12.4
THE MENNEL MILLING CO., TOLEDO, OHIO						
Memo Wheat Gray Middlings with Screenings .	16.0	16.1	4.0	4.3	6.0	<u>6.7</u>
MERO MILLS, NASHVILLE, TENNESSEE						
Dutch Maid 20% Dairy Feed	20.0	23.9	3.0	<u>1.9</u>	15.0	11.7
METZGER BROS., PADUCAH, KENTUCKY						
Tankage with Bone	47.0	<u>44.5</u>	10.0	13.6	2.0	1.3
Very much below guarantee in protein.						
Tankage with Bone	47.0	<u>45.5</u>	10.0	11.9	2.0	1.1
MIDDLESBORO MILLING CO., MIDDLESBORO, KENTUCKY						
Reliable 24% Dairy Feed	24.0	24.0	4.0	4.6	12.0	9.9
Good Value 16% Dairy Feed	16.0	18.1	3.5	4.1	14.0	10.0
Hard to Beat Feed	13.0	12.8	3.5	3.8	8.0	6.0
MIDGET MILLS, SOMERSET, KENTUCKY						
Mixed Feed	14.0	<u>12.0</u>	4.0	4.4	8.5	5.8
Very much below guarantee in protein.						
MILLIKEN SWEET FEED MILL, FRANKLIN, KENTUCKY						
Alfalfa Meal & Molasses	11.0	12.0	1.0	.7	27.0	26.9
MOHAWK ROLLER MILLS, MOHAWK, TENNESSEE						
Mohawk Hog Feed	16.0	16.9	4.0	7.8	8.0	7.3
MONROE SWEET FEED MILLS, TOMPKINSVILLE, KENTUCKY						
Double Duty 20% Laying Mash	20.0	20.2	3.5	3.0	7.5	3.4

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COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
MONROE SWEET FEED MILLS, TOMPKINSVILLE, KENTUCKY (Cont'd.)						
Double Duty 20% Dairy Feed	20.0	<u>18.7</u>	3.0	3.2	8.0	5.8
Contained unground weed seeds.						
MORGANTOWN FEED MILL, MORGANTOWN, KENTUCKY						
Green River Dairy Feed	16.0	18.7	2.5	<u>1.6</u>	10.0	10.2
Flavo 16% Dairy Feed	16.0	15.5	3.5	<u>2.2</u>	10.0	10.1
MUNFORDVILLE MILLING CO., MUNFORDVILLE, KENTUCKY						
Purity 19% Starter & Grower	19.0	<u>18.2</u>	3.5	3.9	6.0	5.5
Purity 18% Laying Mash	18.0	<u>18.3</u>	3.5	3.9	7.0	5.8
MURPHY GRAIN & MILLING CO., OWENSBORO, KENTUCKY						
Aiolite Scratch Grains	9.0	8.6	3.0	3.1	3.5	2.1
MYERS & CLARK CO., ASHLAND, KENTUCKY						
Special 24% Dairy Feed	24.0	24.5	3.0	3.6	15.0	9.0
Excess urea.						
Special 16% Dairy Feed	16.0	18.3	3.0	4.3	15.0	12.1
Excess urea.						
Ideal Pork Maker	14.0	15.0	3.0	3.5	8.0	5.1
Screened Cracked Corn	8.0	7.9	3.5	3.3	3.0	1.7
NASHVILLE COTTON OIL MILL CORP., NASHVILLE, TENNESSEE						
41% Cottonseed Meal	41.0	41.3	5.0	5.9	12.0	9.3
41% Cottonseed Meal	41.0	<u>39.5</u>	5.0	<u>4.2</u>	12.0	10.5
NATIONAL BISCUIT CO., TOLEDO, OHIO						
Namico Wheat Middlings with Ground Screenings	15.0	14.9	3.5	4.0	9.0	5.6
NATIONAL OATS CO., EAST ST. LOUIS, ILLINOIS						
Corno 20% Laying Mash	20.0	20.4	3.5	4.1	8.0	6.0
Corno 34% Dairy Supplement	34.0	32.7	3.0	4.1	12.0	9.3
Corno 24% Dairy Feed	24.0	<u>22.7</u>	3.5	3.0	12.0	8.3
Corno 16 1/2% Dairy Feed	16.5	<u>17.4</u>	3.0	2.8	12.5	10.2
Corno 16% Dairy Feed	16.0	17.6	3.5	<u>2.8</u>	15.0	12.0
Corno 16% Dairy Feed	16.0	17.0	3.5	<u>2.7</u>	15.0	12.4
Corno 20% Sow & Pig Feed	20.0	21.6	3.5	<u>4.0</u>	6.0	6.5
Corno Premium Horse & Mule Feed	9.5	9.7	2.5	3.5	15.0	6.3
Corno 15% Rabbit Ration	15.0	16.2	2.5	3.6	18.0	10.8**
Corno 15% Rabbit Ration	15.0	16.6	2.5	3.8	18.0	9.8
NEUHOFF PACKING CO., NASHVILLE, TENNESSEE						
Neuhoff's 60% Digester Tankage	60.0	<u>59.0</u>	4.0	9.7	3.0	1.4
NORTHERN SUPPLY CO., AMERY, WISCONSIN						
Pulverized Mixed Feed Oats	11.0	12.8	3.5	3.6	13.0	9.5
Contained barley, weed seeds, sand and dirt.						
CHAS. NUNN & SONS MILLING CO., EVANSVILLE, INDIANA						
Nunn Better 20% Egg Mash	20.0	20.3	3.0	3.6	6.5	5.4
Banner 17% Poultry All Mash	17.0	17.0	3.0	3.4	6.5	4.8

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REGULATORY BULLETIN NO. 88

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
O. K. MILLS, LOUISVILLE, KENTUCKY						
Balco 20% Dairy Feed	20.0	22.6	3.0	3.4	15.0	11.2
Balco 16% Dairy Feed	16.0	16.3	3.0	3.2	15.0	13.2
OLDHAM FEED & SUPPLY CO., BUCKNER, KENTUCKY						
Power House 24% Dairy Feed	24.0	26.2	4.5	5.1	9.5	8.0
Power House 16% Dairy Feed	16.0	18.3	3.5	5.4	7.5	7.2
OWENSBORO GRAIN CO., OWENSBORO, KENTUCKY						
Ograco 44% Solvent Extracted Soybean Oil Meal	44.0	46.3	.5	.8	7.0	6.4
OWENSBORO MILLING CO., OWENSBORO, KENTUCKY						
Nitrophenide in Tru-Test 20% Broiler All Mash	20.0	20.5	3.0	3.3	4.5	3.4
Tru-Test 24% Dairy Feed	24.0	<u>21.4</u>	3.5	3.1	10.5	6.5
Very much below guarantee in protein.						
Tru-Test 24% Dairy Feed	24.0	24.0	3.5	1.9	10.5	7.3
Sugar Lassie Dairy Feed	16.0	17.4	3.0	<u>2.0</u>	15.0	7.9
D & H Stock Feed	13.25	14.0	4.0	<u>4.0</u>	8.0	7.1
D & H Stock Feed	13.25	14.1	4.0	4.1	8.0	6.7
Wheat Mixed Feed & Screenings	15.5	14.1	4.0	3.5	8.0	6.6
Wheat Mixed Feed & Screenings	14.0	<u>14.8</u>	3.0	3.6	7.0	7.5
PAN AMERICAN MILLS, BOWLING GREEN, KENTUCKY						
Hen Scratch Feed	9.0	9.1	3.0	3.2	3.0	2.0
Contained unground weed seeds.						
Hen Scratch Feed	9.0	9.0	2.5	2.8	3.0	1.9
Hen Scratch Feed	9.0	9.7	3.0	2.6	3.0	2.0
Contained unground weed seeds.						
Bell Ringer 16% Dairy Feed	16.0	17.5	3.0	3.9	15.0	11.8
PARAMOUNT FEED MILLS, LOUISVILLE, KENTUCKY						
Paramount #2 18% Egg Mash	18.0	18.7	2.5	3.2	8.0	5.4
Super 24% Dairy Feed	24.0	27.2	3.0	3.4	15.0	11.0
Paramount #1 24% Sweet Dairy Feed	24.0	26.6	3.0	3.1	10.0	7.7
Paramount Horse & Mule Feed	9.0	9.4	3.0	4.0	6.0	5.2
PHILIP R. PARK, INC., SAN PEDRO, CALIFORNIA						
Manamar 35% Pig & Hog Supplement	35.0	38.5	3.5	4.1	10.0	7.7
I. E. PAYNE & CO., EUBANK, KENTUCKY						
Farmers Choice 13% Hog Fattener	13.0	15.0	3.5	3.8	6.0	4.5
PEMBROKE ROLLER MILLS, PEMBROKE, KENTUCKY						
Cracked Corn	9.0	9.1	3.75	3.9	2.5	1.8
PENDLETON COUNTY MILLS, FALMOUTH, KENTUCKY						
Farmers Champion 32% Dairy Supplement	32.0	31.9	2.5	4.2	12.0	7.6
Farmers Champion 16% Dairy Feed	16.0	19.0	2.5	3.9	12.0	7.8
PERKINS OIL CO., MEMPHIS, TENNESSEE						
Golden Rod 41% Cottonseed Meal	41.0	40.7	5.0	5.8	12.0	9.7

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COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
PRINCETON MILLS, PRINCETON, KENTUCKY						
Chowmix Laying Feed (All Mash)	15.0	14.7	3.0	4.0	7.0	3.6
PROVICO FEEDS, LEXINGTON, KENTUCKY						
Provico 24% Dairy Feed	24.0	<u>22.0</u>	3.5	5.3	12.0	9.9
Very much below guarantee in protein.						
Provico 20% Dairy Feed	20.0	20.5	3.5	5.2	10.0	10.3
Provico 16% Dairy Feed	16.0	18.6	3.5	5.1	10.0	9.1
PROVICO FEEDS & CONCENTRATES, CINCINNATI, OHIO						
Provico Starter & Grower	20.0	21.0	3.0	4.1	7.0	5.7
Provico 20% Big V Egg Mash	20.0	20.2	3.0	3.5	7.0	5.5
Provico 24% Dairy Feed	24.0	<u>23.1</u>	3.0	5.8	12.0	6.1
Provico 20% Dairy Feed	20.0	<u>24.2</u>	3.0	3.0	10.0	7.2
Provico 16% Dairy Feed	16.0	16.8	3.5	4.1	12.0	5.6
Wheat Middlings	15.0	<u>13.7</u>	3.0	2.9	10.0	4.3
PURCELL SEED CO., EVANSVILLE, INDIANA						
Purcell's 16% All-Mash Poultry Ration with Cod Liver Oil	16.0	17.4	3.0	3.0	5.0	4.5
Judge 40% Shoat & Hog Supplement	40.0	43.7	2.0	2.2	8.0	6.3
PYLE & GOODWIN, CROFTON, KENTUCKY						
Golden Seal 18% Dairy Feed	18.0	20.0	3.5	3.8	11.0	8.5
THE QUAKER OATS CO., CHICAGO, ILLINOIS						
Ful-O-Pep 20% Laying Mash	20.0	20.4	3.5	4.6	8.0	6.8
Ful-O-Pep 20% Laying Mash	20.0	20.3	3.5	4.5	8.0	7.4
Ful-O-Pep 20% Laying Mash	20.0	20.9	3.5	3.4	8.0	6.8
Ful-O-Pep 20% Laying Mash	20.0	22.1	3.5	4.6	8.0	6.7
Ful-O-Pep 32% Cattle Feed Supplement	32.0	36.7	3.5	4.8	10.0	8.5
Ful-O-Pep Calf Ration	16.0	17.4	3.5	3.7	9.0	7.3
Ful-O-Pep Horse Feed	12.0	13.1	3.0	3.2	11.0	8.0
Ful-O-Pep Rabbit Pellets	16.0	20.9	2.5	5.2	15.0	8.9
Quaker Schumacher Sweet Feed	12.0	14.8	2.5	3.9	12.0	8.1
RALSTON PURINA CO., ST. LOUIS, MISSOURI						
Purina Turkey Growing Chow	26.0	27.1	2.5	5.2	8.0	5.9
Purina Layena (Complete Ration)	15.5	18.1	3.0	3.3	6.0	4.3
Purina Lay Chow	20.0	21.7	3.0	3.0	6.5	4.5
Purina Lay Chow	20.0	<u>17.5</u>	3.0	3.7	6.5	5.3
Very much below guarantee in protein.						
Purina Lay Chow	20.0	21.0	3.0	4.3	6.5	5.2
Purina Lay Chow	20.0	21.1	3.0	4.1	6.5	5.0
Purina Lay Chow	20.0	20.7	3.0	4.3	6.5	4.9
Purina Family Flock Chow	17.0	17.6	3.0	3.8	8.0	5.9
Purina Chicken Fatena	14.0	17.0	3.0	4.3	8.0	6.3
Purina Range Checkers A	20.0	20.5	2.5	3.4	8.0	5.4
Purina Range Checkers A	20.0	20.1	2.5	3.8	8.0	5.8
Purina Cow Chow	18.0	19.4	3.0	3.6	12.0	7.8
Purina Steer Fatena K	20.0	19.7	3.0	3.3	10.0	5.9
Protana Dairy Feed	16.0	16.0	3.0	2.6	15.0	6.4

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REGULATORY BULLETIN NO. 88

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
RALSTON PURINA CO., ST. LOUIS, MISSOURI (Cont'd.)						
Purina Dry & Freshening Chow Supplement ..	13.0	16.5	2.0	2.5	10.0	9.3
Calcium	3.0	3.24				
Phosphorus	1.2	1.26				
Salt	2.3	1.78				
Purina Calf Startena	19.5	19.8	2.5	3.0	9.5	7.8
Purina Hog Chow Supplement	36.0	37.6	3.0	5.2	12.0	6.3
Purina Sow & Pig Chow (Supplement)	32.0	34.9	3.0	5.0	11.0	8.4
Purina Omolene	10.0	10.7	3.0	3.2	11.0	6.1
Purina Laboratory Chow	23.0	24.8	5.0	6.1	6.0	4.8
RANDOLPH MILLING CO., AVA, ILLINOIS						
Randolph Wheat Gray Shorts & Screenings ..	15.0	<u>14.3</u>	3.5	<u>2.9</u>	6.0	4.7
RANDOLPH MILLING CO., BANDANA, KENTUCKY						
Must Lay 18% Laying Mash	18.0	18.2	4.0	4.0	7.0	5.7
Real Joy 24% Dairy Feed	24.0	23.6	3.5	3.2	9.5	9.4
LLOYD REITERMAN, KINGSTON, OHIO						
Steel Cut Corn	8.0	7.9	3.5	<u>2.6</u>	3.0	1.7
ARNOLD RICE, SALYERSVILLE, KENTUCKY						
Cracked Corn	8.0	8.4	3.5	3.9	3.0	1.7**
ROBBINS BROTHERS, AUBURN, KENTUCKY						
Hominy Feed	10.0	<u>9.4</u>	7.0	7.3	8.0	6.8
ROBERTS BROS., BURLINGTON, KENTUCKY						
Unique 18% Egg Mash	18.0	19.5	4.0	3.7	7.0	6.3
Unique 24% Dairy Feed	24.0	24.3	3.0	3.4	10.5	6.6
Unique 18% Sow & Pig Ration	18.0	20.6	3.5	3.7	6.0	6.0
ROBINSON MILLING CO., SOMERSET, KENTUCKY						
Mixed Feed	12.0	13.4	4.0	4.1	8.0	5.6
Mixed Feed	12.0	12.4	4.0	4.2	8.0	5.0
ROCKY HILL MILLING CO., ROCKY HILL, KENTUCKY						
Philpott's 20% Laying Mash	20.0	21.1	3.0	3.7	8.0	5.2
Mixed Feed	14.0	15.0	4.0	3.5	8.5	7.5
RODNEY MILLING CO., KANSAS CITY, MISSOURI						
Jersey Wheat Gray Shorts with Screenings ...	16.0	17.5	4.0	4.1	6.0	5.3
ROSE FEED CO., SWEETWATER, TENNESSEE						
Rose Scratch	9.5	9.5	2.5	3.1	6.0	2.0
Contained unground weed seeds.						

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COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
ROSS FEED CO., MURRAY, KENTUCKY						
Standard 16% Dairy Feed	16.0	16.6	3.5	2.8	8.5	7.9
Standard 40% Hog Supplement	40.0	43.1	4.5	5.4	8.0	6.0
Calcium	1.25	3.3				
Phosphorus .....	.22	1.2				
Iodine .....	.00015					
Salt	1.0	.9				
ROYAL, BARRY-CARTER MILLS, NASHVILLE, TENNESSEE						
Martha White 16% Wheat Gray Shorts with Screenings	16.0	15.1	3.5	3.9	6.0	5.2
Fortune Hog Ration	18.0	18.2	3.0	5.1	6.0	6.1
SAM RYLE, BURLINGTON, KENTUCKY						
R & H 18% Laying Mash	18.0	20.3	4.0	3.5	7.0	6.3
RYLE & HAMBRICK, BURLINGTON, KENTUCKY						
R & H 16% Sweet Dairy Feed	16.0	17.7	4.5	3.3	10.0	6.0
SALT LICK MILLING CO., SALT LICK, KENTUCKY						
Ground Wheat	12.0	10.8	2.0	1.7	3.0	2.7
Contained screenings.						
SANDUSKY BROS., HARRODSBURG, KENTUCKY						
Cracked Corn and Wheat	9.5	9.4	3.0	2.5	3.0	2.0
Mixed Feed	13.0	14.2	3.0	4.1	8.0	7.3
Mixed Feed	13.0	13.7	3.0	4.7	8.0	7.7
Wheat Mixed Feed	14.5	14.5	3.5	4.1	8.0	7.1
Corn Feed Meal	8.0	8.9	3.75	4.3	4.0	2.3
J. F. SCHNEIDER & SON, MIDDLESBORO, KENTUCKY						
Cudjo 50% Tankage	50.0	46.8	10.5	10.4	2.5	1.1
Very much below guarantee in protein.						
Cudjo 50% Tankage	50.0	51.2	10.5	9.6	2.5	1.1
SCHULTZ, BAUJAN & CO., BEARDSTOWN, ILLINOIS						
Critic 32% Dairy Feed	32.0	33.2	3.0	2.7	8.0	6.5
Calcium	3.0	1.6				
Phosphorus	1.5	.9				
Iodine .....	.002					
Salt	1.0	.5				
Critic 20% Dairy Feed	20.0	24.4	3.5	4.4	9.0	6.0
Critic 16% Dairy Feed	16.0	19.9	3.5	3.6	15.0	12.0
Contained Screenings refuse.						
Critic Wheat Brown Middlings & Screenings ..	16.0	18.3	4.0	4.7	7.5	5.3
Critic Wheat Mixed Feed & Screenings	16.0	14.4	4.0	4.3	8.5	6.7
SCIENTIFIC MILLING CO., EAST ST. LOUIS, ILLINOIS						
Scientific 16% Dairy Feed	16.0	18.6	3.0	3.4	15.0	12.0
Scientific 16% Dairy Feed	16.0	20.0	3.0	4.1	15.0	14.4
Contained unground weed seeds.						

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

REGULATORY BULLETIN NO. 88

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
SCOTT COUNTY MILLING CO., SIKESTON, MISSOURI						
Gristo Wheat Gray Shorts & Screenings	16.0	15.5	4.0	4.1	6.0	<u>7.2</u>
W. N. SCOVILLE, LONDON, KENTUCKY						
Farm Feed	12.0	14.9	2.0	2.9	4.0	<u>5.2</u>
Farm Feed	12.0	14.3	2.0	3.2	4.0	<u>5.0</u>
Contained weed seeds.						
SECURITY MILLS, KNOXVILLE, TENNESSEE						
Security 24% Dairy Feed	24.0	26.6	3.25	4.4	10.0	8.4
J. W. SETTLE, FRANKFORT, KENTUCKY						
Capitol City 20% Laying Mash	20.0	20.5	3.5	3.6	8.0	6.1
Bellringer 16% Dairy Feed	16.0	17.1	3.0	3.7	15.0	8.5
SHEPHERDSVILLE FEED MILL, SHEPHERDSVILLE, KENTUCKY						
Silver Leaf 18% Pig & Sow Ration	18.0	20.6	3.5	3.5	6.0	5.6
SIMPSON COUNTY MILLS, FRANKLIN, KENTUCKY						
Yellow Corn Chops	9.0	<u>7.8</u>	3.5	3.5	2.5	1.9
J. ALLEN SMITH, KNOXVILLE, TENNESSEE						
Vawco Stock Feed	13.5	14.5	3.5	3.6	8.5	7.1
Peerless Feed	13.5	14.3	3.5	3.8	8.5	6.8
THE SOUTHERN COTTON OIL CO., DECATUR, ALABAMA						
High Grade 41% Cottonseed Meal	41.0	41.3	6.0	7.0	10.0	7.7
High Grade 41% Cottonseed Meal	41.0	40.6	6.0	6.6	10.0	8.2
WOODFORD SPEARS & SONS, PARIS, KENTUCKY						
Bourbon 18% Laying Mash	18.0	18.0	3.5	<u>2.9</u>	7.0	4.2
Bourbon 16% Dairy Feed	16.0	16.8	3.5	<u>2.3</u>	10.0	6.9
Bourbon Horse & Mule Feed	9.5	10.2	3.5	<u>3.2</u>	8.0	5.7
Spears' Feed	15.5	<u>14.9</u>	4.0	3.4	7.5	5.7
Bourbon Feed	14.0	<u>13.8</u>	3.5	<u>3.5</u>	6.5	5.8
34% Linseed Oil Meal	34.0	36.2	6.5	6.5	8.5	<u>9.1</u>
A. E. STALEY MANUFACTURING CO., DECATUR, ILLINOIS						
Staley's 41% Soybean Oil Meal	41.0	43.8	3.5	3.7	7.0	5.7
STALEY MILLING CO., KANSAS CITY, MISSOURI						
Staley Mama 18% Pig Feed	18.0	18.7	3.0	3.5	6.0	5.7
STANDARD FEED MILLING CO., ATLANTA, GEORGIA						
Nitrophenide in Super Quality Professional						
Broiler Feed	20.0	20.8	2.5	3.5	5.5	5.3
Super Quality 20% Laying Mash	20.0	21.9	2.5	3.9	8.0	6.8
Sav-Mor 20% Egg Mash	20.0	20.5	3.0	3.2	8.0	5.2
Sav-Mor Sweet Sixteen 16% Dairy Feed	16.0	19.1	3.0	3.7	15.0	12.8
Contained unground weed seeds.						

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COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
STANDARD FEED MILLING CO., ATLANTA, GEORGIA (Cont'd.)						
Sav-Mor 40% Hog Supplement	40.0	43.5	1.5	2.7	8.0	4.8
Calcium	1.0	1.9				
Phosphorus .....	.4	1.18				
Iodine .....	.0007					
Salt	2.5	1.49				
Tru-Valu 16% Hog Feed	16.0	16.0	3.0	6.0	8.0	5.0
Wheat Gray Shorts & Screenings	16.0	17.5	4.0	3.7	6.0	6.5
STANDARD MILLING CO., ELKTON, KENTUCKY						
Bob White 14% Hog Fattener	14.0	13.9	3.0	3.9	6.0	3.5
Mixed Feed	9.5	8.9	3.0	2.7	8.0	6.3
Mixed Feed	9.5	10.2	3.0	2.9	8.0	5.7
STURGIS MILLING CO., STURGIS, KENTUCKY						
Neva Fail Scratch Feed	10.0	8.6	3.5	3.7	4.0	2.0
16% Dairy Feed	16.0	18.8	3.0	3.4	12.0	8.6
16% Dairy Feed	16.0	19.0	3.0	2.6	12.0	8.6
Neva Fail 40% Hog Supplement	40.0	42.0	3.0	6.6	8.0	6.2
Neva Fail 20% Pig & Sow Meal	20.0	21.4	3.0	5.9	6.0	7.2
SUN-RAY FEED MILLS, BOWLING GREEN, KENTUCKY						
Sun-Ray 24% Sweet Dairy Feed	24.0	24.4	4.0	4.1	8.0	8.2
Sun-Ray 24% Dairy Feed	24.0	25.6	4.0	4.9	8.0	8.8
Sun-Ray 16% Dairy Feed	16.0	17.6	3.5	7.3	10.0	9.2
Booster 16% Stock Feed	16.0	16.8	3.5	5.9	9.0	7.4
High in salt.						
Booster 16% Stock Feed	16.0	18.4	3.5	5.2	9.0	6.0
Booster 16% Stock Feed	16.0	16.8	3.5	4.4	9.0	6.3
SUN-RAY FEED MILLS, LEXINGTON, KENTUCKY						
Sun-Ray 20% Egg Mash	20.0	20.6	3.5	3.0	7.0	5.2
Sun-Ray Scratch Feed	10.0	8.6	3.0	3.4	3.0	1.8
Sun-Ray Baby Chick Scratch Feed	10.0	8.2	3.0	3.5	3.0	1.6
Booster 24% Dairy Feed	24.0	30.3	3.0	5.0	12.0	9.2
Green Valley 24% Dairy Feed	24.0	23.0	3.5	6.1	14.0	10.4
Green Valley 24% Dairy Feed	24.0	26.1	3.5	6.3	14.0	11.4
Excess urea.						
Kow Kandy 24% Dairy Feed	24.0	28.3	3.5	6.2	14.0	10.6
Excess urea.						
Sun-Ray 24% Dairy Feed	24.0	30.2	3.0	2.2	10.0	8.3
Excess urea.						
Sun-Ray 24% Dairy Feed	24.0	27.6	3.0	2.7	10.0	9.3
Excess urea.						
Booster 20% Dairy Feed	20.0	19.5	3.0	4.4	13.0	9.7
Contained unground weed seeds.						
Booster 20% Dairy Feed	20.0	23.4	3.0	5.3	13.0	9.1
Contained unground weed seeds.						
Green Valley 16% Dairy Feed	16.0	18.7	3.0	6.4	15.0	11.9
Excess urea.						
Sun-Ray 16% Dairy Feed	16.0	20.2	3.0	2.7	12.0	9.2
Contained Screenings.						

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REGULATORY BULLETIN NO. 88

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
SUN-RAY FEED MILLS, LEXINGTON, KENTUCKY (Cont'd.)						
Kow Kandy 16% Dairy Feed	16.0	18.4	3.0	5.9	15.0	11.8
Excess urea.						
Booster Hog Feed	17.0	17.3	3.5	5.1	8.0	6.2
Booster Hog Feed	17.0	16.7	3.5	5.4	8.0	5.2
Sun-Ray Pig & Hog Ration	17.0	17.7	3.5	5.4	6.0	5.7
Sun-Ray 17% Mixed Feed	17.0	17.4	4.5	5.0	8.0	9.0
Contained unground weed seeds.						
Booster 15% Mixed Feed	15.0	15.2	4.5	5.5	8.0	7.3
Booster 13% Mixed Feed	13.0	13.1	4.5	4.8	8.0	6.3
Sun-Ray Cracked Corn	9.0	8.8	3.75	3.4	2.5	1.5
SUNSHINE FEED MILLS, NASHVILLE, TENNESSEE						
Uncle Remus Special 16% Dairy Feed	16.0	20.7	3.0	<u>2.0</u>	15.0	12.5
Contained screenings refuse.						
SUPREME FEED MILLS, GLASGOW, KENTUCKY						
Supreme 32% Dairy Supplement	32.0	32.9	3.0	3.6	9.0	7.1
Supreme 32% Dairy Supplement	32.0	<u>31.2</u>	3.0	3.1	9.0	7.3
Supreme 24% Dairy Feed	24.0	<u>31.1</u>	3.5	3.8	10.0	9.0
Contained unground weed seeds.						
Supreme 20% Dairy Feed	20.0	22.1	4.0	<u>3.2</u>	14.0	10.6
Supreme 20% Dairy Feed	20.0	22.0	4.0	<u>6.3</u>	14.0	11.5
Contained unground weed seeds.						
Supreme 17 1/2% Pig & Hog Feed	17.5	18.9	3.5	4.6	6.0	4.5
Supreme 17 1/2% Pig & Hog Feed	17.5	18.9	3.5	5.3	6.0	4.7
Supreme 15% Hog Fattening Feed	15.0	17.5	3.5	3.8	6.0	4.4
Premo Stock Feed	14.0	15.6	3.5	6.4	9.0	4.7
Alfalfa Meal & Molasses	10.0	<u>8.2</u>	1.0	.55	28.0	16.2
Supreme 41% Soybean Oil Meal	41.0	<u>42.0</u>	3.5	5.4	7.0	5.5
Supreme 41% Soybean Oil Meal	41.0	44.1	3.5	5.7	7.0	4.8
Supreme Cracked Corn	9.0	<u>7.7</u>	3.75	<u>2.5</u>	3.0	1.3
Supreme Cracked Corn	9.0	<u>7.5</u>	3.75	<u>1.8</u>	3.0	1.2
D. B. SUTHERLAND & SONS, BLOOMFIELD, KENTUCKY						
Kentucky Star 18% Laying Mash	18.0	18.3	3.5	4.7	7.0	5.7
Sutherland's Hen Scratch Feed	10.6	<u>8.9</u>	3.0	3.3	3.0	2.4
Kentucky Star 24% Dairy Feed	24.0	<u>23.9</u>	3.0	3.4	10.0	8.0
SWEET FEED MILLS, INC., BOWLING GREEN, KENTUCKY						
Queen 16% Dairy Feed	16.0	16.7	3.0	<u>2.4</u>	15.0	9.6
Queen 16% Dairy Feed	16.0	18.2	3.0	<u>3.4</u>	15.0	10.1
Ace 40% Hog Supplement	40.0	<u>37.6</u>	7.0	<u>5.7</u>	7.0	<u>7.7</u>
Very much below guarantee in protein.						
SWEET FEEDS, HENDERSON, KENTUCKY						
Sweet Mix 20% All Mash Poultry Ration	20.0	<u>18.1</u>	4.5	5.6	5.0	5.4
Sweet Mix 40% Hog Supplement	40.00	<u>43.0</u>	5.0	<u>3.2</u>	8.0	4.0
SWEET FEEDS, HOPKINSVILLE, KENTUCKY						
Sweet Mix 16% All -Mash Poultry Ration	16.0	17.0	4.0	4.1	7.0	4.3

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COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
SWEET FEEDS, HOPKINSVILLE, KENTUCKY (Cont'd.)						
Sweet Mix 18% Hog Ration	18.0	19.2	3.5	3.8	6.0	<u>6.9</u>
SWIFT & COMPANY, CHICAGO, ILLINOIS						
Swift's Special 21% Broiler Ration	21.0	20.8	3.5	4.1	4.0	<u>4.8</u>
Swift's 16% Laying All Mash	16.0	16.6	3.0	3.9	8.0	<u>7.7</u>
Contained unground weed seeds.						
Swift's 43% Swine Concentrate	43.0	<u>41.3</u>	3.0	4.7	7.0	<u>7.6</u>
Calcium	4.6	4.8				
Phosphorus	1.0	1.4				
Iodine .....	.0005					
Salt	2.0	2.8				
Swift's 40% Swine Concentrate	40.0	<u>41.8</u>	3.0	4.8	7.0	6.5
Calcium	3.25	3.5				
Phosphorus	1.25	1.23				
Iodine .....	.0005					
Salt	2.0	1.25				
Swift's Horse & Mule Feed	10.5	14.1	2.0	3.2	8.5	6.3
Swift's Mineral Supplement						
Calcium	25.0	28.6				
Phosphorus	4.5	5.37				
Iodine .....	.003					
Salt	20.0	17.1				
Swift's 42% Soybean Oil Meal	42.0	45.3	3.5	4.9	7.0	6.0
Swift's 42% Soybean Oil Meal	42.0	44.7	3.5	5.1	7.0	5.8
Cotton Bloom 41% Cottonseed Meal	41.0	43.2	5.0	6.4	12.0	8.5
Swift's 41% Cottonseed Meal	41.0	42.9	4.0	5.9	13.0	8.7
Swift's 60% Digester Tankage	60.0	68.8	5.0	7.2	3.0	1.1
SWIFT & CO. OIL MILL, MEMPHIS, TENNESSEE						
Swift's 41% Cottonseed Meal	41.0	<u>40.3</u>	4.0	5.3	12.0	11.1
Swift's 41% Cottonseed Meal	41.0	<u>41.8</u>	4.0	6.0	12.0	11.1
TABOR HATCHERY & BUILDING SUPPLY, COLUMBIA, KENTUCKY						
Tabor Laying Mash	20.0	<u>18.5</u>	3.5	4.1	7.0	5.5
TARTER'S FEED MILL, LIBERTY, KENTUCKY						
Sur-Good Egg Mash	20.0	20.1	2.5	3.0	7.0	5.5
Tarter's Special 16% Dairy Feed	16.0	15.9	3.0	3.9	10.0	8.8
Sur-Good Pig Feed	18.0	19.1	3.0	3.4	7.0	5.8
TAYLOR COUNTY IMPLEMENT & FEED CO., CAMPBELLSVILLE, KENTUCKY						
Economy 18% Egg Mash	18.0	18.0	2.5	3.3	7.0	6.5
Economy Pig & Hog Feed	17.0	17.6	3.0	4.1	6.0	5.0
TELL CITY FLOURING MILLS, TELL CITY, INDIANA						
Kentuck 20% Laying Mash	20.0	21.0	3.5	4.4	8.0	5.5
TENNESSEE PACKERS, INC., CLARKSVILLE, TENNESSEE						
50% Meat Scraps	50.0	51.6	4.0	12.9	3.0	1.1
Excess bone.						

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REGULATORY BULLETIN NO. 88

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
THOMERSON MILLING CO., GLASGOW, KENTUCKY						
Hominy Meal	10.0	<u>8.7</u>	5.0	5.3	6.0	1.7
TILFORD & WALTERS, METROPOLIS, ILLINOIS						
Masco 17% Poultry All-Mash	17.0	18.9	3.5	4.1	6.0	6.0
J & J 20% Laying Mash	20.0	21.1	3.5	3.2	6.0	6.1
Masco 20% Laying Mash	20.0	20.4	3.5	3.8	6.0	6.3
Masco 20% Laying Mash	20.0	21.1	3.5	3.7	6.0	6.5
Masco Corn & Wheat Scratch Feed	9.0	9.8	3.0	2.7	3.5	1.9
Profit Maker 16% Dairy Feed	16.0	15.8	3.0	1.8	15.0	14.4
Profit Maker 16% Dairy Feed	16.0	16.4	3.0	<u>2.0</u>	15.0	14.3
Masco 40% Hog Supplement	40.0	<u>38.5</u>	3.5	<u>3.8</u>	7.0	6.2
TRENTON COTTON OIL CO., TRENTON, TENNESSEE						
Trenton 41% Cottonseed Meal	41.0	<u>40.4</u>	5.0	6.9	12.0	8.4
TRI-STATE MILLS, KENOVA, WEST VIRGINIA						
King 16% Dairy Feed	16.0	17.6	3.0	3.2	15.0	13.9
Excess screenings refuse. High in salt.						
King 24% Dairy Feed	24.0	24.6	3.0	3.2	15.0	12.3
Daisy 24% Dairy Feed	24.0	23.5	3.0	2.6	15.0	13.3
High in salt.						
TYNER FEED MILLS, NASHVILLE, TENNESSEE						
Standard 16% Dairy Feed	16.0	20.4	3.0	3.1	15.0	12.8
Contained unground weed seeds.						
Standard 16% Dairy Feed	16.0	20.5	3.0	3.0	15.0	12.9
Contained unground weed seeds.						
Standard 16% Dairy Feed	16.0	19.5	3.0	3.2	15.0	12.6
Contained unground weed seeds.						
UBIKO MILLING CO., CINCINNATI, OHIO						
Life Guard 20% Layer	20.0	21.3	3.5	3.6	8.0	6.3
Life Guard All-Mash Laying Ration	16.0	17.4	3.5	4.6	7.0	5.6
Union Grains Life Guard 32% Dairy Supplement	32.0	34.3	2.0	2.9	10.0	7.5
Union Grains Life Guard 24% Dairy Feed ...	24.0	26.3	3.0	3.3	10.0	7.5
Sunbeam 24% Dairy Feed	24.0	24.9	3.0	3.1	12.0	10.5
Union Grains Life Guard 20% Dairy Feed ...	20.0	21.1	3.0	4.2	10.0	8.5
Honeycomb Life Guard Fitting Feed	12.0	14.2	3.0	2.6	15.0	12.7
Honeycomb Life Guard Fitting Feed	12.0	15.4	3.0	3.2	15.0	11.2
Life Guard Calf Starter	17.0	18.7	2.5	2.5	11.0	9.0
Life Guard 40% Hog Supplement	40.0	43.3	3.0	3.8	8.0	6.0
Life Guard Pig & Sow Ration	16.0	17.7	3.5	5.2	6.0	5.5
Life Guard Porkmaker	14.0	14.0	4.0	5.7	8.0	5.1
UNION ELEVATOR CO., NASHVILLE, TENNESSEE						
Union 16% Dairy Feed	16.0	23.1	3.0	2.9	15.0	14.8
VALIER & SPIES MILLING CO., ST. LOUIS, MISSOURI						
Wheat Gray Shorts and Screenings	16.0	16.2	4.0	4.1	6.0	5.0

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COMMERCIAL FEEDS, 1950

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
VITALITY MILLS, CHICAGO, ILLINOIS						
Vitality's Egg-A-Day Egg Mash	20.0	21.9	3.5	3.2	8.0	8.4
High in salt.						
Vitality's Egg-A-Day Egg Mash	20.0	22.9	3.5	3.2	8.0	7.5
Vitality 24% Dairy Feed	24.0	22.3	3.0	2.2	10.0	8.6
Vitality 20% Dairy Feed	20.0	20.1	3.0	2.6	12.0	8.3
High in salt.						
Vitality 40% Hog Supplement	40.0	38.2	2.0	1.4	8.0	7.5
Vitality Pig & Sow Ration	20.0	17.6	3.0	3.5	6.0	7.4
Very much below guarantee in protein.						
Vitality Hog Fattener	16.0	17.4	3.0	3.4	8.0	8.7
WALTON FEED MILLS, WALTON, KENTUCKY						
Colonial 20% Egg Mash	20.0	20.7	2.5	3.5	7.0	5.8
Colonial 14% Hog Ration	14.0	11.4	2.5	4.0	7.0	5.7
Very much below guarantee in protein.						
WARREN COUNTY MILL, BOWLING GREEN, KENTUCKY						
Meat Maker 18% Hog Ration	18.0	17.0	5.0	4.1	6.5	4.9
Horse & Mule Feed	10.0	9.5	3.5	3.1	9.0	9.5
Horse & Mule Feed	10.0	9.0	3.5	3.3	9.0	9.4
WEAVERTON MILLING CO., HENDERSON, KENTUCKY						
17% All-Purpose Mash	17.0	16.1	5.0	4.4	5.0	5.0
WEISENBERGER SANITARY FLOUR MILLS; MIDWAY, KENTUCKY						
Mixed Feed	12.5	13.2	4.0	4.6	10.5	7.5
WEST NINTH STREET MILL, OWENSBORO, KENTUCKY						
Ravar 18% Egg Mash	18.0	18.4	2.5	2.9	7.0	5.7
Ravar 16% Dairy Feed	16.0	16.1	3.0	2.7	9.5	5.2
WEST TENNESSEE TANKAGE CO., UNION CITY, TENNESSEE						
60% Tankage	60.0	54.5	7.0	17.4	2.0	2.1
Very much below guarantee in protein.						
WESTERN CONDENSING CO., APPLETON, WISCONSIN						
Peebles Dry Whey Product with Whey Fermentation Solubles (Ribolac) (For Mixing Purposes Only)	12.0	16.5	.5	.5		
HENRY WHEELER, WAKEFIELD, OHIO						
Cracked Corn	8.0	7.5	3.0	2.8	2.5	1.4
GARDNER WHITE, PRINCETON, KENTUCKY						
Home Town 18% All Purpose Poultry Mash	18.0	18.7	2.5	4.0	7.0	5.3
WHITEWATER FLOUR MILLS CO., WHITEWATER, KANSAS						
Wheat Mixed Feed and Screenings	15.5	16.1	4.0	4.2	8.5	6.9
Wheat Feed and Screenings	16.0	15.6	3.5	4.0	6.0	5.5
WILLIAMSTOWN ROLLER MILL, WILLIAMSTOWN, KENTUCKY						
Our Own 20% Egg Mash	20.0	22.4	3.5	3.2	7.0	3.6

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

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MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
WILLIS BROS. MILLING CO., BOWLING GREEN, KENTUCKY						
Better Yet 24% Dairy Feed	24.0	<u>21.6</u>	4.0	<u>3.1</u>	11.0	<u>12.6</u>
Very much below guarantee in protein.						
Better Yet 24% Dairy Feed	24.0	28.1	4.0	3.3	11.0	10.6
Better Yet 16% Dairy Feed	16.0	17.0	3.0	<u>3.0</u>	15.0	11.1
Better Yet Stock Feed	16.0	15.9	3.5	3.5	9.0	4.8
THE WILSON FLOUR MILLS, WILSON, KANSAS						
Wheat Gray Shorts	16.0	16.7	3.5	4.5	6.0	5.3
WINN MILLING CO., GREENSBURG, KENTUCKY						
Daisy 20% Laying Mash	20.0	21.0	4.0	4.6	8.0	6.0
Daisy Scratch Feed	8.0	8.8	3.0	2.9	4.0	2.1
Contained unground weed seeds.						
Daisy 20% Dairy Feed	20.0	20.0	3.5	<u>2.6</u>	15.0	11.6
Daisy 20% Dairy Feed	20.0	18.7	3.5	<u>3.1</u>	15.0	12.3
Daisy 16% Dairy Feed	16.0	<u>18.2</u>	3.0	<u>2.4</u>	15.0	12.7
Daisy 17% Pig & Hog Feed	17.0	18.3	4.0	<u>2.7</u>	6.0	6.2
WINN & TOBIN MILLING CO., LEITCHFIELD, KENTUCKY						
Daisy 20% Laying Mash	20.0	20.5	2.5	3.9	7.5	6.0
WINN & TOBIN MILLING CO., MARION, KENTUCKY						
Daisy 18% Laying Mash	18.0	18.7	4.0	4.2	8.0	6.2
WOOLCOTT FLOUR MILLS, LEXINGTON, KENTUCKY						
Jersey 15% Mixed Feed	15.0	16.3	4.5	5.5	8.0	7.2
Woolcott Mixed Feed	12.0	12.8	4.0	5.4	8.5	6.6
YOPP SEED CO., PADUCAH, KENTUCKY						
Laying Mash	20.0	19.9	3.5	4.7	7.0	4.3
Yopp's Hen Feed	9.0	9.2	3.0	2.6	3.0	2.1
Contained unground weed seeds.						
J. W. ZARING GRAIN & MILL CO., RICHMOND, KENTUCKY						
Zaring's 24% Dairy Feed	24.0	28.2	3.0	5.0	12.0	8.9
Big Z Dairy Feed	24.0	26.6	3.5	4.0	14.0	9.1
Zaring's 16% Dairy Feed	16.0	19.5	3.0	4.3	15.0	12.5
Zaring's Farm Feed	12.5	13.4	4.0	3.7	8.0	5.5
Cracked Corn	8.5	9.0	3.5	3.3	2.5	1.8
ZILIAK & SCHAFER MILLING CO., HAUBSTADT, INDIANA						
Sure Fine Special All Mash Poultry Ration ...	17.0	16.9	3.5	3.9	7.0	5.0
Wheat Shorts & Screenings	16.0	17.9	4.0	4.6	6.0	5.3

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