

Commercial Feeds in Kentucky,

1953

Including Report on Official Feed
Samples Analyzed

October-December, 1953



Kentucky Agricultural Experiment Station
University of Kentucky
Lexington

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COMMERCIAL FEEDS IN KENTUCKY, 1953

The estimated tonnage of commercial feeds consumed in Kentucky during 1953, based on sale of guaranty tags, was 662,267 tons, for which farmers paid an estimated \$60,000,000. This was 13,467 tons more than was sold in 1952, and exceeded the tonnage purchased in any of the previous six years.

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

| | | | |
|-----------|---------|-----------|---------|
| 1940..... | 356,138 | 1947..... | 582,375 |
| 1941..... | 350,000 | 1948..... | 634,000 |
| 1942..... | 426,805 | 1949..... | 607,255 |
| 1943..... | 630,438 | 1950..... | 584,441 |
| 1944..... | 663,093 | 1951..... | 612,946 |
| 1945..... | 671,351 | 1952..... | 648,800 |
| 1946..... | 647,661 | 1953..... | 662,267 |

Of the tonnage for 1953, 142,669 tons were dairy feeds; 49,259 tons, hog feed; 12,991 tons, horse and mule feed; 188,164 tons, poultry feed; 19,994 tons, turkey feed; 27,265 tons, scratch feed; 4,900 tons, rabbit feed; 2,349 tons, sheep feed; 7,487 tons, calf feed; 19,558 tons, stock feed; 13,329 tons, dog and cat feed; 609 tons, goat feed; 4,385 tons, mineral feed; 8,037 tons, protein and mineral feed; 128,440 tons, straight products and by-products and 21,859 tons, miscellaneous feed.

A summary of estimated sales by class of feed is given in Table 1

The record of samples correctly labeled in 1953 was 77%. This was one percent under the record for 1952.

The percentage of feed samples meeting the guarantee for each of the past six years is summarized as follows:

| | |
|-----------|-----|
| 1948..... | 56% |
| 1949..... | 68% |
| 1950..... | 70% |
| 1951..... | 79% |
| 1952..... | 78% |
| 1953..... | 77% |

In 1953, inspectors collected 4,165 samples of feed.

The laboratory made 4883 analyses for protein, 4653 for fat, 4462 for fiber, 276 for calcium, 346 for phosphorus, 248 for salt, 798 for urea, 3765 for moisture, 360 for ash, 68 for drugs and vitamins.

Farmers, feed dealers, and manufacturers sent in 242 samples on which 1797 analyses were made.

In addition to the chemical analyses, each sample was examined microscopically to determine whether or not the feed contained the guaranteed ingredients. If ingredients other than those guaranteed were found, this was noted. Also, the presence of adulterants, weed seeds, and such was indicated when necessary. Ingredients present in such small amounts as to have little or no nutritional value were also indicated by the microscopic examination.

TABLE 1 SUMMARY OF SALES BY CLASS OF FEED, KENTUCKY, 1953

| FEED | TONS | FEED | TONS |
|--|---------|--|---------|
| STRAIGHT PRODUCTS AND BY-PRODUCTS | | SPECIAL PURPOSE FEEDS (Continued) | |
| Alfalfa Meal----- | 250 | Dog Feed----- | 12,636 |
| Barley, Ground----- | 200 | Cat Feed----- | 693 |
| Bone Meal----- | 250 | Goat Feed----- | 609 |
| Brewers Dried Grains----- | 3,300 | Hog Feed | |
| Corn, Ground----- | 1,588 | Fattening and Growing----- | 32,333 |
| Corn Meal----- | 75 | Protein Supplement----- | 16,926 |
| Corn Feed Meal----- | 375 | | |
| Corn By-Products Feed----- | 6,169 | Total Hog Feed----- | 49,259 |
| Cracked Corn----- | 19,855 | | |
| Crushed Ear Corn----- | 688 | Horse and Mule Feed | |
| Corn Gluten Feed----- | 200 | Horse and Mule Feed, yellow tag | 653 |
| Corn Gluten Meal----- | 2,850 | Horse and Mule Feed, white tag | 12,338 |
| Cottonseed Meal----- | 11,825 | | |
| Cottonseed Meal (Solvent)----- | 1,050 | Total Horse and Mule Feed----- | 12,991 |
| Distillers Dried Grains----- | 1,825 | | |
| Distillers Dried Solubles----- | 325 | Pigeon Feed----- | 218 |
| Hominy Feed----- | 13,265 | Poultry Grains | |
| Hominy Meal----- | 2,525 | Chick----- | 2,018 |
| Linseed Oil Meal----- | 550 | Hen----- | 25,247 |
| Meat Scraps----- | 1,025 | | |
| Meat & Bone Scrap----- | 2,050 | Total Poultry Grains----- | 27,265 |
| Oats, Ground----- | 275 | | |
| Oat Hull Feed----- | 325 | Poultry Mash (Chickens) | |
| Soybean Oil Meal----- | 7,650 | All Mash Starter and Grower--- | 7,902 |
| Soybean Oil Meal (Solvent)----- | 7,250 | All Mash Laying----- | 1,788 |
| Tankage----- | 3,000 | Fattening Mash----- | 1,979 |
| Wheat, Ground----- | 200 | Flushing Feed----- | 10 |
| Wheat Bran----- | 6,650 | Growing Mash----- | 17,413 |
| Wheat Brown Middlings & Shorts--- | 1,900 | Starting Mash----- | 12,240 |
| Wheat Gray Middlings & Shorts--- | 18,325 | Starting & Growing Mash----- | 17,625 |
| Wheat Flour Middlings----- | 8,975 | Broiler Mash----- | 40,314 |
| Wheat Red Dog Flour----- | 400 | Laying Mash----- | 75,620 |
| Wheat Mixed Feed----- | 2,950 | Protein Supplement----- | 13,273 |
| Wheat Feeds----- | 300 | | |
| | | Total Chicken Mash----- | 188,164 |
| Total Products and By-Products | 128,440 | | |
| | | Poultry Mash (Turkeys) | |
| SPECIAL PURPOSE FEEDS | | Turkey Starting Mash----- | 4,219 |
| Calf Feed----- | 7,487 | Turkey Growing Mash----- | 9,820 |
| Dairy Feed | | Turkey Laying Mash----- | 419 |
| 16% Protein, yellow tag----- | 17,770 | Turkey Supplement----- | 5,486 |
| 16% Protein, white tag----- | 22,332 | | |
| 18% Protein, yellow tag----- | 261 | Total Turkey Mash----- | 19,944 |
| 18% Protein, white tag----- | 5,720 | | |
| 20% Protein, yellow tag----- | 544 | Rabbit Feed----- | 4,900 |
| 20% Protein, white tag----- | 20,940 | Sheep Feed----- | 2,349 |
| 24% Protein, yellow tag----- | 1,326 | Stock Feed----- | 19,558 |
| 24% Protein, white tag----- | 42,260 | Mixed Feed----- | 10,804 |
| Protein Supplement----- | 26,470 | Mineral Feed----- | 4,385 |
| Dry, Freshening, and Fitting Feed | 5,046 | Protein & Mineral Feed----- | 8,037 |
| | | Miscellaneous----- | 21,859 |
| Total Dairy Feed----- | 142,669 | | |
| | | Grand Total----- | 662,267 |

Commercial Feeds in Kentucky

 COMMERCIAL FEEDS, 1953
 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 |
| Brewer's 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 and 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 |

Average Composition of the More Common Feedstuffs, Continued

| Feedstuffs | Protein | Fat | Carbohydrate | | Water | Ash |
|---------------------------------|---------|------|--------------|---------------|-------|------|
| | | | Fiber | N. F. Extract | | |
| 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 |
| Skinmed 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 |
| 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 |
| Grain Screenings (from wheat) | 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 |
| <u>ROUGHAGES</u> | | | | | | |
| 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 |
| <u>FILLERS</u> | | | | | | |
| 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* | | | | | | |
| Chaff and dust** | | | | | | |

* Varies in quality from fair to poor.

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

COMMERCIAL FEEDS, 1953

Miscellaneous Samples Analyzed in 1947-53

| Feedstuff | Protein | Fat | Fiber |
|---|---------|------|-------|
| Barley Bran | 15.2 | 5.2 | 14.9 |
| Blue Grass Chaff | 7.1 | 1.9 | 28.5 |
| Blue Grass Straw | 7.5 | 2.5 | 33.0 |
| Blue Grass Screenings | 6.7 | 2.0 | 26.1 |
| Blackberry Seeds | 9.6 | --- | ---- |
| Buckwheat Feed and Hulls | 9.6 | 2.9 | 22.4 |
| Cake, Ground | 4.8 | 9.9 | 1.5 |
| Corn Fodder and Soybean Plant | 10.1 | 3.9 | 17.0 |
| Cracklings, Edible | 67.1 | 28.1 | 1.1 |
| Cracklings, Inedible | 44.1 | 22.2 | 3.0 |
| Fescue Seed | 13.0 | 2.0 | 9.5 |
| Grass Silage | 4.7 | 0.5 | 21.0 |
| Honey Suckle | 2.8 | 0.02 | 6.0 |
| Ice Cream Cones, Ground | 9.2 | 1.5 | 0.7 |
| Kale Seed | 24.3 | 40.0 | 9.6 |
| Lespedeza Screenings | 19.8 | 15.7 | 26.2 |
| Lima Beans, Ground | 21.5 | 1.5 | 6.1 |
| Malt Hulls, Ground | 10.3 | 1.8 | 22.5 |
| Osage Orange Apple | 2.5 | 4.3 | 1.7 |
| Peanut Vine Meal | 10.1 | 2.3 | 34.0 |
| Popcorn, Ground | 9.4 | 2.5 | 2.7 |
| Popcorn, Popped and Crushed | 8.4 | 12.8 | 2.9 |
| Potato Flour | 2.0 | --- | ---- |
| Potato Flakes | 9.0 | --- | ---- |
| Rag Weed Seed | 17.2 | 16.2 | 34.4 |
| Sorghum, Ground (Stalk & Leaves) | 4.1 | 2.9 | 19.6 |
| Straw Silage | 6.5 | 3.0 | 19.5 |
| Vetch Seed | 26.4 | 0.7 | 7.6 |
| Walnut Shells and 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 |
| Wild Onions | 6.7 | .2 | 1.0 |

METHOD OF CALCULATING THE ANALYSIS OF
A FEED MIXTURE

Requests are often received for a method of calculating the analysis of a given feed mixture. Examples are given of two classes of feed most commonly mixed by the feeder, in 1,000-pound batches, for his stock.

Example 1. 20-percent protein dairy feed

| 1 | 2 | 3 | 4 |
|-----------------------------------|--|--|---|
| Ingredients | Percentage of protein, or pounds in 100 | Hundreds of pounds of each ingredient | Pounds of protein from each ingredient |
| 150 pounds wheat bran----- | 15 | 1.5 | 22.5 |
| 200 pounds ground shelled corn--- | 9 | 2 | 18.0 |
| 150 pounds hominy meal----- | 11 | 1.5 | 16.5 |
| 150 pounds cottonseed meal----- | 41 | 1.5 | 61.5 |
| 150 pounds soybean oil meal----- | 41 | 1.5 | 61.5 |
| 100 pounds ground oats----- | 11 | 1 | 11.0 |
| 100 pounds alfalfa meal----- | 14 | 1 | 14.0 |
| 1000 pounds----- | | 10 | 205.0 |

Then 205.0 divided by 10 = 20.5, the percentage of protein in this feed.

Example 2. 20-percent protein laying mash

| 1 | 2 | 3 | 4 |
|----------------------------------|--|--|---|
| Ingredients | Percentage of protein, or pounds in 100 | Hundreds of pounds of each ingredient | Pounds of protein from each ingredient |
| 150 pounds wheat bran----- | 15 | 1.5 | 22.5 |
| 200 pounds wheat middlings----- | 16 | 2 | 32.0 |
| 200 pounds ground yellow corn--- | 9 | 2 | 18.0 |
| 100 pounds ground oats----- | 11 | 1 | 11.0 |
| 150 pounds meat scrap----- | 50 | 1.5 | 75.0 |
| 100 pounds alfalfa meal----- | 14 | 1 | 14.0 |
| 100 pounds soybean oil meal----- | 41 | 1 | 41.0 |
| 1000 pounds----- | | 10 | 213.5 |

Then 213.5 divided by 10 = 21.35, the percentage of protein in this feed.

Explanation of Method Used in Table 1.

1. List the number of pounds and ingredients in column 1.
2. Get from the guaranty on the official tag or from the average analysis the protein content of each ingredient and put it in column 2.
3. Place the hundreds of pounds of each ingredient in column 3. For example, 150 pounds of an ingredient is listed as 1.5 hundred pounds.
4. Multiply the figure for each ingredient in column 2 by that in column 3 to get the figure in column 4. This is multiplying the number of pounds of protein in a hundred, by the number of hundred pounds of each ingredient, to get the total pounds of protein furnished by each ingredient.
5. Add column 3, which gives the total weight of the mixture, in hundred pounds.
6. Add column 4, which gives the total weight of protein in the mixture.
7. Divide the sum of column 4 by the sum of column 3. This gives the percentage of protein in the mixture.

The percentages of other substances such as fat or fiber can be calculated in a similar way.

Feeders and Feed Manufacturers often need to know the legal weight requirements for grain and seeds when sold for feeding and other purposes. The following is quoted from the Kentucky Revised Statutes in this connection.

363.040 (4821) Bushel, what weight constitutes. The following weights constitute a bushel of the article named:

- (1) Barley, forty-seven pounds.
- (2) Bluegrass seed, fourteen pounds.
- (3) Bottom onion sets, thirty-six pounds.
- (4) Bran, twenty pounds.
- (5) Buckwheat, fifty-six pounds.
- (6) Castor beans, forty-five pounds.
- (7) Clover Seed, sixty pounds.
- (8) Coal, seventy-six pounds.
- (9) Corn in the ear, seventy pounds.
from November 1 to December 31
inclusive, and sixty-eight pounds
at all other times of the year.
- (10) Corn meal, fifty pounds.
- (11) Corn, shelled, fifty-six pounds.
- (12) Dried apples, twenty-four pounds.
- (13) Dried peaches, thirty-nine pounds.
- (14) Ear corn in the shuck, seventy-five
pounds
- (15) English bluegrass seed, fourteen
pounds.
- (16) Fine salt, fifty-five pounds.
- (17) Flax seed, fifty-six pounds.
- (18) Ground peas, twenty-four pounds.
- (19) Hemp seed, forty-four pounds.
- (20) Hungarian grass seed, fifty pounds.
- (21) Irish potatoes, sixty pounds.
- (22) Millet seed, fifty pounds.
- (23) Oats, shelled, thirty-two pounds.
- (24) Onions, fifty-seven pounds.
- (25) Orchard grass seed, fourteen
pounds.
- (26) Peas, sixty pounds.
- (27) Plastering hair, eight pounds.
- (28) Rye, fifty-six pounds.
- (29) Salt, fifty pounds.
- (30) Sweet potatoes, fifty-five pounds.
- (31) Timothy seed, forty-five pounds.
- (32) Turnips, sixty pounds.
- (33) Unslaked lime, thirty-five pounds.
- (34) Wheat, sixty pounds.
- (35) White beans, sixty pounds.

MICROSCOPIC EXAMINATION OF FEEDS

It is important that the guarantee placed on a bag of feed be a true picture of the contents of that bag.

When the Kentucky Feed Law was adopted in 1906, it was thought a chemical determination of the amount of protein, fat, and fiber was adequate in judging the accuracy of labeling a feed. Later it was shown that the source of the protein, fat, and fiber was as important, if not more important, than the amount present. For this reason, all official samples of feeds analyzed by the Kentucky Feed Laboratories have, since 1918, been examined with the aid of a microscope to determine whether the ingredient list shown was adhered to.

Theoretically it would be possible to blend chicken feathers, leather, weed seeds, pulp wood, a little soybean oil meal or urea in the proper proportions and make a product that would meet a chemical guarantee resembling that of a feed but it would not be a good feed. Obviously, no one would try to make a feed this way, but cases have been found where feeds have been cheapened by the use of undeclared additions of such products as rice hulls, oat hulls, corn cobs, mixed screenings, ground chaff and dust, weed seeds, peanut hulls, etc. In such instances the chemical guarantee will be met with regard to protein, fat and fiber even though the quality of the feed is quite different from that declared in the ingredient list.

A recent sample of 16% Dairy Feed was found to be adulterated with mixed screenings (chaff, hulls, rachis, stems, weed seeds, etc.) although within the chemical guarantee. Another sample of Brewers Dried Grains was within the guarantee chemically, but found by means of microscopic analysis to contain oat hull feed.

Another feed - an 18% Laying Mash - though slightly low in protein but well within the fiber guarantee. By microscopic analysis, it was found to be adulterated with oat hulls.

Kentucky was one of the pioneers in this method of analysis. Nearly all states now use some form of microscopic analysis along with the chemical analysis. It has proven to be as valuable to the farmer and honest manufacturers as any other form of analysis. The farmer is assured the feed he is buying as represented. To the manufacturer, it offers protection against unfair and unscrupulous competition.

ANALYSIS OF NON-PROTEIN NITROGEN FROM UREA IN FEEDS

| MANUFACTURER, BRAND AND REMARKS | NON-PROTEIN NITROGEN | |
|--|----------------------|-------|
| | Guaranteed | Found |
| ALLIED MILLS, INC., CHICAGO, ILLINOIS | | |
| Wayne Roughage Supplement "A" | 10.00 | 5.70 |
| Wayne Roughage Supplement "A" | 10.00 | 10.10 |
| Wayne Roughage Supplement "AA" | 10.00 | 5.10 |
| Sugarine Special 16% Dairy Feed | 5.00 | 6.40 |
| Sugarine Special 16% Dairy Feed | 5.00 | 4.90 |
| Sugarine Special 16% Dairy Feed | 5.00 | 4.70 |
| Wisconsin Topper Dairy Feed | 5.00 | 3.50 |
| APEX MILLING COMPANY, TOLEDO, OHIO | | |
| White Tag 24% Dairy Feed | 8.00 | 7.70 |
| AUBREY AND COMPANY, LOUISVILLE, KENTUCKY | | |
| Red A Steer Concentrate | 7.86 | 9.50 |
| Red A Steer Concentrate | 7.86 | 8.80 |
| Red A 32% Protein Dairy Supplement | 10.48 | 10.00 |
| Red A 32% Protein Dairy Supplement | 10.48 | 9.80 |
| Red A 32% Protein Dairy Supplement | 10.48 | 9.60 |
| Red A 32% Protein Dairy Supplement | 10.48 | 10.40 |
| Red A 24% Protein Dairy Feed | 7.86 | 7.40 |
| Red A 24% Protein Dairy Feed | 7.86 | 6.40 |
| Red A 24% Protein Dairy Feed | 7.86 | 7.80 |
| Red A 24% Protein Dairy Feed | 7.86 | 7.20 |
| Red A 20% Protein Dairy Feed | 6.55 | 6.70 |
| Red A 18% Protein Dairy Feed | 5.24 | 4.40 |
| Red A 16-1/2% Protein Dairy Feed | 3.93 | 3.50 |
| Red A 16-1/2% Protein Dairy Feed | 3.93 | 3.90 |
| Red A 16% Protein Sheep Feed | 3.95 | 3.60 |
| BEAVER DAM MILLING COMPANY, BEAVER DAM, KENTUCKY | | |
| Eureka Special 16% Dairy Feed | 5.24 | 0.40 |
| BIG FOUR MILLS, COVINGTON, KENTUCKY | | |
| Kentucky Hi-Lo 24% Dairy Feed | 6.03 | 3.40 |
| O.K. 24% Dairy Feed | 6.03 | 4.70 |
| O.K. 16% Dairy Feed | 2.62 | 2.00 |
| O.K. 16% Dairy Feed | 2.62 | 2.00 |
| O.K. 16% Dairy Feed | 2.62 | 1.60 |
| BUHNER AND COMPANY, LOUISVILLE, KENTUCKY | | |
| Happy Farmer 20% H. E. Range Cubes | 4.00 | 4.00 |
| Magnolia Sweet 16% Dairy Feed | 4.00 | 3.90 |
| Magnolia Sweet 16% Dairy Feed | 4.00 | 3.30 |
| Magnolia Sweet 16% Dairy Feed | 4.00 | 3.90 |
| CHESTNUT AND ANDERSON FEED MILL, HOPKINSVILLE, KENTUCKY | | |
| Little River Roughage Beef Supplement "A" | 9.16 | 9.40 |
| Little River 40% Dairy Supplement | 7.80 | 9.10 |

For protein, fat and fiber analysis of the above samples see report of official feed samples analyzed in the pages that follow.

ANALYSIS OF NON-PROTEIN NITROGEN FROM UREA IN FEEDS

| MANUFACTURER, BRAND AND REMARKS | NON-PROTEIN NITROGEN | |
|--|----------------------|-------|
| | Guaranteed | Found |
| CLINTON MILLING COMPANY, CLINTON, KENTUCKY | | |
| Climco 16% Dairy Feed | 5.24 | 3.90 |
| COOPERATIVE MILLS, CINCINNATI, OHIO | | |
| Beef Supplement | 8.00 | 8.20 |
| Beef Supplement | 8.00 | 7.00 |
| Beef Supplement | 8.00 | 7.20 |
| 16% Utility Dairy | 3.00 | 1.60 |
| 16% Utility Dairy | 3.00 | 2.90 |
| 16% Utility Dairy | 3.00 | 2.50 |
| 16% Utility Dairy | 3.00 | 4.00 |
| DEARBORN MILLS, AURORA, INDIANA | | |
| Dearborn 32% Dairy and Cattle Supplement "A" | 8.00 | 8.60 |
| Dearborn 32% Dairy and Cattle Supplement "A" | 8.00 | 7.00 |
| Dearborn Sweet 24% Dairy | 6.60 | 6.20 |
| Dearborn Sweet 20% Dairy | 4.00 | 4.40 |
| THE EARLY AND DANIEL COMPANY, CINCINNATI, OHIO | | |
| Tuxedo 33% Dairy Supplement | 8.16 | 7.10 |
| Tuxedo 33% Dairy Supplement | 8.16 | 7.60 |
| Tuxedo Special 24% Dairy Feed | 6.00 | 6.50 |
| Tuxedo Special 24% Dairy Feed | 6.00 | 5.50 |
| Tuxedo Special 24% Dairy Feed | 6.00 | 9.60 |
| Tuxedo Special 24% Dairy Feed | 6.00 | 6.20 |
| Eadan 24% Dairy Feed | 6.00 | 8.00 |
| Tuxedo 16% Dairy | 4.00 | 5.90 |
| Tuxedo 16% Dairy | 4.00 | 5.40 |
| Tuxedo 16% Dairy | 4.00 | 4.50 |
| Tuxedo 16% Dairy | 4.00 | 5.00 |
| Tux-Sweet Rolls 45% Ground Mixed Screenings, Molasses, Cottonseed Meal and Minerals | 2.62 | 1.50 |
| JOHN W. ESHELMAN AND SONS, LANCASTER, PENNSYLVANIA | | |
| Eshelman Red Rose 30% Cattle Supplement | 7.86 | 7.90 |
| FERNCLIFF FEED AND GRAIN COMPANY, LOUISVILLE, KENTUCKY | | |
| Ferncliff 24% Dairy Feed | 7.86 | 9.00 |
| HENRY FRUECHTENICHT COMPANY, LOUISVILLE, KENTUCKY | | |
| Blue Grass 24% Dairy Feed (with urea) | 6.10 | 4.60 |
| Blue Grass 24% Dairy Feed (with urea) | 6.10 | 5.00 |
| Blue Grass 24% Dairy Feed (with urea) | 6.10 | 6.40 |
| Producer 16% Dairy Feed | 5.24 | 6.40 |
| Producer 16% Dairy Feed | 5.24 | 5.00 |
| Producer 16% Dairy Feed | 5.24 | 4.40 |
| Producer 16% Dairy Feed | 5.24 | 5.40 |
| Producer 16% Dairy Feed | 5.24 | 6.60 |
| Producer 16% Dairy Feed | 5.24 | 6.00 |

For protein, fat and fiber analysis of the above samples see report of official feed samples analyzed in the pages that follow.

ANALYSIS OF NON-PROTEIN NITROGEN FROM UREA IN FEEDS

| MANUFACTURER, BRAND AND REMARKS | NON-PROTEIN NITROGEN | |
|--|----------------------|-------|
| | Guaranteed | Found |
| GARDEN STREET MILL AND ELEVATOR, LOUISVILLE, KENTUCKY | | |
| Rainbow 24% Dairy Feed | 7.86 | 6.40 |
| Garden 16% Dairy Feed | 2.62 | 2.20 |
| Garden 16% Dairy Feed | 2.62 | 2.80 |
| Garden 16% Dairy Feed | 2.62 | 2.30 |
| EDWARD F. GOEKE SONS, EVANSVILLE, INDIANA | | |
| Goeke's 16% Dairy Feed | 5.24 | 5.70 |
| GREENUP MILLING COMPANY, GREENUP, KENTUCKY | | |
| Greenup Milling Company 24% Dairy Feed | 6.03 | 4.80 |
| GWINN BROTHERS AND COMPANY, HUNTINGTON, WEST VIRGINIA | | |
| Banner 24% Dairy Feed | 7.86 | 8.20 |
| Banner 24% Dairy Feed | 7.86 | 8.40 |
| HANCOCK AND FRANKLIN MILLS, LOUISVILLE, KENTUCKY | | |
| Arrow 33% Dairy Concentrate | 7.86 | 9.10 |
| Arrow 24% Dairy Feed | 6.10 | 7.00 |
| Arrow 16% Dairy Feed | 5.24 | 4.90 |
| Arrow 16% Dairy Feed | 5.24 | 7.40 |
| THE P. H. HARSHA MILLING COMPANY, PORTSMOUTH, OHIO | | |
| Harsha's Dixie Sweet 24% Dairy Feed | 7.86 | 6.80 |
| Harsha's Dixie Sweet 16% Dairy Feed | 5.30 | 5.30 |
| EDWIN C. HAWKINS, PADUCAH, KENTUCKY | | |
| Record 32% Dairy Supplement | 8.75 | 3.00 |
| Record 16% Dairy Feed | 5.24 | 4.00 |
| Record 16% Dairy Feed | 5.24 | 4.80 |
| Cremo 16% Dairy Feed | 5.24 | 3.10 |
| HAYDON MILL AND GRAIN COMPANY, SPRINGFIELD, KENTUCKY | | |
| Magic Sweet Dairy Feed | 6.55 | 0.40 |
| DR. HEINZ COMPANY, INC., WASHINGTON COURT HOUSE, OHIO | | |
| Heinz Nu-Way 24% Dairy Feed | 6.50 | 6.10 |
| HOME MILLING COMPANY, GREENVILLE, KENTUCKY | | |
| Happy Home 24% Dairy Feed | 7.90 | 7.90 |
| Farm-Wa Dairy Feed | 5.20 | 6.30 |
| KASCO MILLS, TOLEDO, OHIO | | |
| Kasco Hymol Steer Supplement | 8.00 | 6.50 |
| Kasco Ranger Rounds Cattle Feed | 5.24 | 4.20 |
| KECO MILLING COMPANY, MCKENZIE, TENNESSEE | | |
| Thrifty 16% Dairy Feed | 5.24 | 5.20 |
| Thrifty 16% Dairy Feed | 5.24 | 6.20 |

For protein, fat and fiber analysis of the above samples see report of official feed samples analyzed in the pages that follow.

ANALYSIS OF NON-PROTEIN NITROGEN FROM UREA IN FEEDS

| MANUFACTURER, BRAND AND REMARKS | NON-PROTEIN NITROGEN | |
|---|----------------------|-------|
| | Guaranteed | Found |
| THE LEXINGTON ROLLER MILLS, LEXINGTON, KENTUCKY | | |
| Thoroughbred 24% Sweet Dairy Feed | 5.25 | 5.50 |
| Thoroughbred 24% Sweet Dairy Feed | 5.25 | 5.70 |
| Thoroughbred 24% Sweet Dairy Feed | 5.25 | 4.90 |
| Thoroughbred 24% Sweet Dairy Feed | 5.25 | 3.70 |
| Thoroughbred 24% Sweet Dairy Feed | 5.25 | 4.90 |
| Thoroughbred 24% Sweet Dairy Feed | 5.25 | 5.30 |
| Sweet Sue 24% Dairy Feed | 7.87 | 5.80 |
| Thoroughbred 20% Sweet Dairy Feed | 2.62 | 3.60 |
| Sweet Sue 16% Sweet Dairy Feed | 2.62 | 2.90 |
| MYERS AND CLARK COMPANY, ASHLAND, KENTUCKY | | |
| 32% Ideal Dairy Feed | 6.10 | 6.70 |
| Special 24% Dairy Feed | 6.03 | 4.80 |
| Special 16% Dairy Feed | 2.62 | 2.10 |
| Special 16% Dairy Feed | 2.62 | 2.20 |
| OWENSBORO GRAIN COMPANY, OWENSBORO, KENTUCKY | | |
| Ograco Cob Feed (for cattle) | 3.20 | 2.70 |
| OWENSBORO MILLING COMPANY, OWENSBORO, KENTUCKY | | |
| Sugar Lassie Dairy Feed | 5.24 | 5.40 |
| PAN AMERICAN MILLS, BOWLING GREEN, KENTUCKY | | |
| Green Valley 20% Dairy Feed | 2.18 | 4.90 |
| Bell Ringer 16% Dairy Feed | 3.79 | 5.40 |
| Bell Ringer 16% Dairy Feed | 3.79 | 5.40 |
| PILLSBURY MILLS, CLINTON, IOWA | | |
| Pillsbury's Best Cattle Concentrate | 5.24 | 4.70 |
| Pillsbury's Best Cattle Concentrate | 5.24 | 6.60 |
| Pillsbury's Best Cattle Concentrate | 5.24 | 5.20 |
| Pillsbury's Best 32% Dairy Concentrate | 10.48 | 11.80 |
| Pillsbury's Best 32% Dairy Concentrate | 10.48 | 10.90 |
| Pillsbury's Best 32% Dairy Concentrate | 10.48 | 14.60 |
| Pillsbury's Best 32% Dairy Concentrate | 10.48 | 9.70 |
| Pillsbury's Best 32% Dairy Concentrate | 10.48 | 10.00 |
| Pillsbury's Best 32% Dairy Concentrate | 10.48 | 11.40 |
| Pillsbury's Best 24% Dairy Feed | 7.85 | 5.70 |
| Pillsbury's Champion 24% Dairy Feed | 7.85 | 7.60 |
| Pillsbury's Champion 24% Dairy Feed | 7.85 | 7.40 |
| Pillsbury's Champion 24% Dairy Feed | 7.85 | 8.90 |
| Pillsbury's Champion 24% Dairy Feed | 7.85 | 5.40 |
| Pillsbury's Champion 24% Dairy Feed | 7.85 | 5.90 |
| Pillsbury's Champion 24% Dairy Feed | 5.24 | 5.80 |
| Pillsbury's Champion 24% Dairy Feed | 5.24 | 8.10 |
| Pillsbury's Champion 20% Dairy Feed | 6.55 | 5.50 |
| Pillsbury's Champion 20% Dairy Feed | 6.55 | 5.90 |
| Pillsbury's Champion 20% Dairy Feed | 6.55 | 6.50 |
| Pillsbury's Champion 20% Dairy Feed | 6.55 | 6.20 |

For protein, fat and fiber analysis of the above samples see report of official feed samples analyzed in the pages that follow.

ANALYSIS OF NON-PROTEIN NITROGEN FROM UREA IN FEEDS

| MANUFACTURER, BRAND AND REMARKS | NON-PROTEIN NITROGEN | |
|--|----------------------|--------------|
| | Guaranteed | Found |
| PILLSBURY MILLS, CLINTON, IOWA (Cont'd) | | |
| Pillsbury's Champion 20% Cattle Cubes | 5.24 | 6.30 |
| Pillsbury's Champion 20% Cattle Cubes | 5.24 | <u>6.30</u> |
| Pillsbury's Best 16% Dairy Feed | 3.93 | 2.80 |
| Pillsbury's Best 16% Dairy Feed | 3.93 | 4.50 |
| Pillsbury's Best 16% Dairy Feed | 3.93 | 2.90 |
| Pillsbury's Best 16% Dairy Feed | 3.93 | 3.50 |
| Dutch Maid 16% Dairy Feed | 4.00 | 3.70 |
| Dutch Maid 16% Dairy Feed | 4.00 | 3.80 |
| Dutch Maid 16% Dairy Feed | 4.00 | 4.30 |
| Balco 16% Dairy Feed | 3.93 | 3.10 |
| Pillsbury's Champion 16% Cattle Cubes | 3.93 | 3.70 |
| PROVICO FEED AND CONCENTRATES, CINCINNATI, OHIO | | |
| Provico Big V 24% Dairy Feed | 6.60 | 5.00 |
| RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI | | |
| Purina Cow Chow 32% Protein and Mineral Concentrate | 8.75 | 5.40 |
| Purina Cow Chow 32% Protein and Mineral Concentrate | 8.75 | <u>10.70</u> |
| Purina Cow Chow 32% Protein and Mineral Concentrate | 8.75 | <u>12.00</u> |
| Purina Cow Chow 32% Protein and Mineral Concentrate | 8.75 | 9.40 |
| Purina Range Checkers A | 5.50 | 4.00 |
| Purina Range Checkers A | 5.50 | 2.90 |
| Purina Range Checkers A | 5.50 | 4.80 |
| Purina Steer Fatena | 8.75 | <u>10.60</u> |
| Purina Steer Fatena | 8.75 | 6.20 |
| Purina Steer Fatena | 8.75 | 9.20 |
| Purina Steer Fatena | 8.75 | <u>10.00</u> |
| Purina Steer Fatena (Corn Belt) | 8.75 | 7.30 |
| Purina Steer Fatena (Corn Belt) | 8.75 | 4.40 |
| Purina Special Steer Fatena | 8.75 | 7.00 |
| Purina Special Steer Fatena | 8.75 | 8.50 |
| Purina Sheep Checkers A | 5.50 | 5.50 |
| ROBINSON MILLING COMPANY, SOMERSET, KENTUCKY | | |
| Green Valley 24% Dairy Feed | 8.00 | 7.60 |
| Green Valley 16% Dairy Feed | 3.60 | 4.90 |
| Green Valley 16% Dairy Feed | 3.60 | <u>3.80</u> |
| Happy Home 16% Sweet Dairy Feed | 5.20 | <u>6.20</u> |
| SCHULTZ, BAUJAN AND COMPANY, BEARDSTOWN, ILLINOIS | | |
| Critic 16% Dairy Feed | 5.24 | 5.50 |

For protein, fat and fiber analysis of the above samples see report of official feed samples analyzed in the pages that follow.

ANALYSIS OF NON-PROTEIN NITROGEN FROM UREA IN FEEDS

| MANUFACTURER, BRAND AND REMARKS | NON-PROTEIN NITROGEN | |
|---|----------------------|-------|
| | Guaranteed | Found |
| STALEY MILLING COMPANY, KANSAS CITY, MISSOURI | | |
| Full Pail 18% Dairy Feed | 6.00 | 5.60 |
| Karmel "B" Pellets | 7.33 | 7.60 |
| STANDARD FEED MILLING COMPANY, ATLANTA, GEORGIA | | |
| Kentucky 16% Dairy Feed | 4.00 | 8.40 |
| SUN RAY FEED MILLS, BOWLING GREEN, KENTUCKY | | |
| Sun-Ray 24% Sweet Dairy Feed | 5.80 | 6.20 |
| Sun-Ray 16% Dairy Feed | 2.90 | 3.20 |
| Sun-Ray 16% Dairy Feed | 2.90 | 3.30 |
| Green Valley 16% Dairy Feed | 3.67 | 2.80 |
| SUN RAY FEED MILLS, LEXINGTON, KENTUCKY | | |
| Green Valley 24% Dairy Feed | 7.60 | 7.80 |
| Green Valley Special 24% Dairy Feed | 8.40 | 7.20 |
| Green Valley Special 24% Dairy Feed | 8.40 | 7.90 |
| Sun Ray 20% Dairy Feed | 6.00 | 6.50 |
| Green Valley Special 16% Dairy Feed | 5.24 | 4.10 |
| Green Valley Special 16% Dairy Feed | 5.24 | 5.00 |
| Green Valley Special 16% Dairy Feed | 5.24 | 3.90 |
| Sugar Creek 16% Dairy Feed | 5.24 | 4.10 |
| Sun Ray 14% Steer Feed | 6.40 | 3.60 |
| SUNSHINE STORES, INC., FORT WAYNE, INDIANA | | |
| Red Feather 20% Dairy Feed | 6.66 | 6.50 |
| SUPREME MILLS, GLASGOW, KENTUCKY | | |
| Feeders Pride 24% Dairy Feed | 6.10 | 6.80 |
| Feeders Pride 24% Dairy Feed | 6.10 | 6.40 |
| Premo 24% Dairy Feed | 6.55 | 7.30 |
| Premo 24% Dairy Feed | 6.55 | 6.20 |
| Premo 24% Dairy Feed | 6.55 | 6.70 |
| Premo 24% Dairy Feed | 6.55 | 6.90 |
| Supreme Special 20% Dairy Feed | 6.56 | 6.50 |
| Supreme 16% Dairy Feed | 5.24 | 4.20 |
| Feeders Pride 16% Dairy Feed | 5.24 | 4.20 |
| Feeders Pride 16% Dairy Feed | 5.24 | 5.10 |
| Feeders Pride 16% Dairy Feed | 5.24 | 4.70 |
| Feeders Pride 16% Dairy Feed | 5.24 | 4.50 |
| SWEET FEED MILLS, BOWLING GREEN, KENTUCKY | | |
| Freshgood 24% Dairy Feed | 5.90 | 7.70 |
| Freshgood 16% Dairy Feed | 5.24 | 3.80 |
| THOMERSON MILLING COMPANY, GLASGOW, KENTUCKY | | |
| Thomerson 16% Dairy Feed | 2.90 | 4.80 |
| TRI-STATE MILLS, KENOVA, WEST VIRGINIA | | |
| Daisy 24% Dairy Feed | 8.00 | 8.10 |

For protein, fat and fiber analysis of the above samples see report of official feed samples analyzed in the pages that follow.

ANALYSIS OF NON-PROTEIN NITROGEN FROM UREA IN FEEDS

| MANUFACTURER, BRAND AND REMARKS | NON-PROTEIN NITROGEN | |
|---|----------------------|-------|
| | Guaranteed | Found |
| UBIKO MILLING COMPANY, CINCINNATI, OHIO | | |
| Special Union Grains Life Guard 18% Dairy Feed | 6.00 | 6.00 |
| Sunbeam 16% Dairy Feed | 4.00 | 4.30 |
| WINN MILLING COMPANY, GREENSBURG, KENTUCKY | | |
| Daisy 20% Dairy Feed | 6.60 | 2.10 |

ANALYSIS OF MEDICATED FEEDS

| MANUFACTURER, BRAND AND REMARKS | DRUG | GUARANTEED | FOUND |
|--|----------------------|------------|--------|
| AUBREY AND COMPANY, LOUISVILLE, KENTUCKY | | | |
| Sulfaquinoxaline in "Red A" H. E. 20% Broiler Ration | Sulfaquinoxaline | 0.0125 | 0.025 |
| COOPERATIVE MILLS, CINCINNATI, OHIO | | | |
| Nitrophenide-Arsanilic Acid in Broiler Maker | Nitrophenide | 0.025 | 0.215 |
| OWENSBORO MILLING COMPANY, OWENSBORO, KENTUCKY | | | |
| Sulfanilamide and 3-Nitro-4-Hydroxy- phenylarsonic Acid in Tru-Test 20% Broiler Mash | Sulfanilamide | 0.03 | 0.031 |
| | Hydroxyphenylarsonic | 0.009 | 0.0074 |
| RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI | | | |
| 3-Nitro-4-Hydroxyphenylarsonic Acid in Purina Broiler Chow Starter | Hydroxyphenylarsonic | 0.005 | 0.0038 |

For protein, fat and fiber analysis of the above samples see report of official feed samples analyzed in the pages that follow.

REPORT OF OFFICIAL DOG FEED SAMPLES ANALYZED
October, November, December, 1953

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, KANSAS CITY, MISSOURI | | | | | | |
| Friskies Dog Food | 10.0 | 10.3 | 2.5 | 6.4 | 1.0 | .5 |
| ** Friskies Dog Food | 10.0 | <u>9.3</u> | 2.5 | 4.5 | 1.0 | .6 ** |
| ALLIED MILLS, INC., CHICAGO, ILLINOIS | | | | | | |
| Wayne Dog Food Blox | 25.0 | 25.7 | 7.0 | 6.6 | 5.0 | 3.6 |
| ALTSHELER AND COMPANY, LOUISVILLE, KENTUCKY | | | | | | |
| Cherokee Dog Food | 10.0 | 11.2 | 2.5 | 2.9 | 1.0 | .1 |
| ANIMAL FOUNDATION, SHERBURNE, NEW YORK | | | | | | |
| Hunt Club Dog Meal | 25.0 | 25.1 | 5.0 | 5.1 | 4.0 | 2.3 |
| ARCHER PRODUCTS COMPANY, FORT WORTH, TEXAS | | | | | | |
| ** Old Sport Dog and Cat Food | 7.5 | <u>3.6</u> | 2.0 | <u>.4</u> | 1.2 | 1.0 ** |
| Very much below guarantee in protein and fat | | | | | | |
| High in water | | | | | | |
| Misbranded | | | | | | |
| ARMOUR AND COMPANY, CHICAGO, ILLINOIS | | | | | | |
| Dash Dog Food | 10.5 | 11.2 | 2.5 | 5.2 | 1.0 | .9 |
| Dash Dog Food | 10.5 | 11.0 | 2.5 | 3.5 | 1.0 | .6 |
| AUBREY AND COMPANY, LOUISVILLE, KENTUCKY | | | | | | |
| Red "A" Dog Feed | 24.0 | 24.9 | 3.0 | 7.3 | 5.5 | 5.0 |
| BIG FOUR MILLS, COVINGTON, KENTUCKY | | | | | | |
| Big Four Dog Meal | 24.0 | 24.6 | 2.5 | 3.6 | 5.0 | 5.2 |
| BUHNER AND COMPANY, LOUISVILLE, KENTUCKY | | | | | | |
| Happy Farmer 25% Dog Food | 25.0 | 28.1 | 3.0 | 6.8 | 5.0 | 4.2 |
| BUSH BROTHERS AND COMPANY, CLINTON, TENNESSEE | | | | | | |
| ** Tony Dog and Cat Food | 10.0 | 10.7 | 5.0 | <u>2.1</u> | 1.5 | 1.0 ** |
| Very much below guarantee in fat | | | | | | |
| Tony Dog Food | 10.0 | 10.8 | 2.0 | 2.3 | 1.5 | 1.0 |
| Tony Dog and Cat Food | 10.0 | 11.2 | 2.0 | 2.6 | 1.5 | 1.1 |
| Tony Dog and Cat Food | 11.0 | 11.2 | 2.0 | 2.1 | 1.5 | 1.0 |
| ** Tony Dog and Cat Food | 10.0 | 11.7 | 5.0 | <u>2.7</u> | 1.5 | 1.0 ** |
| Very much below guarantee in fat | | | | | | |
| CALO DOG FOOD COMPANY, OAKLAND, CALIFORNIA | | | | | | |
| Calo Cat Food | 10.0 | 10.4 | 2.0 | 3.5 | 1.0 | .8 |
| CARDINAL FOOD PRODUCTS, ST. LOUIS, MISSOURI | | | | | | |
| ** Pointer Dog Food | 8.0 | 8.1 | 2.0 | <u>1.2</u> | 1.5 | 1.3 ** |
| "Pointer Brand" Dog Food | 8.0 | 9.2 | 2.0 | 2.8 | 1.5 | 1.3 |
| CARSON FOOD COMPANY, DANVILLE, ILLINOIS | | | | | | |
| Hi-Spot Dog Meal | 25.0 | 25.3 | 4.5 | 7.1 | 4.0 | 3.8 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|---|---------|------------|-------|-------------|-------|--------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| COAST FISHERIES, WILMINGTON, CALIFORNIA | | | | | | |
| Puss'N Boots Cat Food | 12.0 | 12.2 | 2.0 | 2.6 | 1.0 | .8 |
| Puss'N Boots Cat Food | 12.0 | 13.1 | 2.0 | 7.0 | 1.0 | .9 |
| Puss'N Boots Cat Food | 12.0 | 12.3 | 2.0 | 6.8 | 1.0 | .8 |
| Puss'N Boots Cat Food | 12.0 | 12.5 | 2.0 | 1.5 | 1.0 | 1.0 |
| CONSOLIDATED GROCERS CORPORATION, CHICAGO, ILLINOIS | | | | | | |
| ** Spunky Dog Food (Also for Cats) | 10.0 | <u>9.3</u> | 2.0 | 1.5 | 1.2 | .8 ** |
| COOPERATIVE MILLS, INC., CINCINNATI, OHIO | | | | | | |
| 24% Protein Dog Feed | 24.0 | 25.7 | 4.0 | 7.2 | 5.0 | 2.6 |
| 24% Protein Dog Feed | 24.0 | 25.4 | 4.0 | 4.7 | 5.0 | 3.4 |
| 24% Protein Dog Feed | 24.0 | 25.1 | 4.0 | 5.4 | 5.0 | 4.0 |
| 24% Protein Dog Feed | 24.0 | 24.4 | 4.0 | 4.3 | 5.0 | 3.3 |
| DEARBORN MILLS, AURORA, INDIANA | | | | | | |
| Dearborn Dog Food | 26.0 | 29.6 | 5.5 | 6.6 | 4.0 | 3.6 |
| Dearborn Dog Food | 26.0 | 26.5 | 5.5 | 5.6 | 4.0 | 3.4 |
| DIXIE MILLS COMPANY, EAST ST. LOUIS, ILLINOIS | | | | | | |
| Dixie Dog Food | 25.0 | 25.3 | 4.5 | 6.0 | 3.5 | 2.2 |
| DOYLE PACKING COMPANY, LOS ANGELES, CALIFORNIA | | | | | | |
| Strongheart Dog Food | 10.0 | 9.7 | 2.0 | 1.7 | 1.0 | .9 |
| Strongheart Dog Food | 8.0 | 9.8 | 2.0 | 2.1 | 1.0 | 1.0 |
| THE EARLY AND DANIEL COMPANY, CINCINNATI, OHIO | | | | | | |
| ** Tuxedo M. C. Dog Feed | 25.0 | 27.4 | 4.0 | 6.9 | 4.0 | 3.7 ** |
| Above guarantee in fat | | | | | | |
| Tuxedo M. C. Dog Feed | 25.0 | 28.7 | 4.0 | 5.9 | 4.0 | 4.0 |
| ** Tuxedo Dog Feed (Cereal) | 10.0 | <u>9.0</u> | 2.0 | 2.4 | 1.5 | .7 ** |
| Tuxedo Dog Feed | 10.0 | 10.6 | 2.0 | 2.1 | 1.5 | .8 |
| Tuxedo M. C. Dog Food | 25.0 | 27.5 | 4.0 | 5.8 | 4.0 | 3.7 |
| Tuxedo M. C. Dog Feed | 25.0 | 27.3 | 4.0 | 5.5 | 4.0 | 4.0 |
| Tuxedo M. C. Dog Feed | 25.0 | 28.4 | 4.0 | 5.7 | 4.0 | 3.8 |
| Tuxedo M. C. Dog Feed | 25.0 | 27.7 | 4.0 | 5.3 | 4.0 | 3.7 |
| JOHN W. ESHELMAN AND SONS, LANCASTER, PENNSYLVANIA | | | | | | |
| Eshelman Red Rose Dog & Puppy Food | 23.0 | 23.4 | 4.7 | 6.0 | 4.5 | 4.5 |
| EVANS INDUSTRIES, INC., MARION, INDIANA | | | | | | |
| ** Bostonian Dog Food | 10.0 | 9.7 | 2.0 | <u>.6</u> | 1.5 | .6 ** |
| High in water | | | | | | |
| ** Better Bite Horsemeat Dog Food | 14.0 | 15.0 | 4.0 | <u>10.0</u> | .5 | .5 ** |
| Above guarantee in fat | | | | | | |
| ** Hypoint Dog Food | 10.5 | <u>9.8</u> | 2.5 | <u>.5</u> | 1.0 | .6 ** |
| Below guarantee in fat | | | | | | |
| High in water | | | | | | |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|---|---------|------------|-------|------------|-------|--------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| FAMOUS FEED MILLS, NASHVILLE, TENNESSEE | | | | | | |
| "Famous Brand" Dog Food | 25.0 | 28.0 | 5.0 | 6.0 | 5.0 | 2.8 |
| "Famous Brand" Dog Food | 25.0 | 28.7 | 5.0 | 6.2 | 5.0 | 4.3 |
| FOOD PRODUCTS COMPANY OF AMERICA, CHICAGO, ILLINOIS | | | | | | |
| Dog House Dog and Cat Food | 10.0 | 10.8 | 2.0 | 2.2 | 1.5 | 1.4 |
| ** Dog House Dog and Cat Food | 10.0 | <u>8.9</u> | 2.0 | 2.8 | 1.0 | 1.1 ** |
| High in water | | | | | | |
| GENERAL FOODS CORPORATION, BOSTON, MASSACHUSETTS | | | | | | |
| ** Jack & Jill Cat Food | 17.0 | 17.6 | .2 | .5 | .2 | .1 ** |
| High in water | | | | | | |
| ** Jack & Jill Cat Food | 17.0 | 17.6 | .2 | .4 | .2 | .1 ** |
| High in water | | | | | | |
| GENERAL FOODS CORPORATION, NEW YORK, NEW YORK | | | | | | |
| "Gaines Brand" 25% Protein Dog Feed | | | | | | |
| Feed (Meal) | 25.0 | 24.8 | 6.0 | 5.7 | 5.0 | 4.0 |
| GENERAL MILLS, INC., MINNEAPOLIS, MINNESOTA | | | | | | |
| Larro Surechamp Dog Food | 24.0 | 25.3 | 5.0 | 5.4 | 6.0 | 4.5 |
| GENERAL PACKING COMPANY, CINCINNATI, OHIO | | | | | | |
| Vigor Dog Food | 10.0 | 10.0 | 2.0 | 2.1 | 1.5 | .8 |
| GROMO, INC., RUSSELLVILLE, KENTUCKY | | | | | | |
| ** Gro-Mo Dog Food | 10.0 | 12.8 | 2.5 | <u>7.4</u> | 2.0 | .5 ** |
| Above guarantee in fat | | | | | | |
| HALES AND HUNTER COMPANY, CHICAGO, ILLINOIS | | | | | | |
| Lucky Dog Food | 25.0 | 26.6 | 3.0 | 4.8 | 6.0 | 2.5 |
| HI-LIFE PACKING COMPANY, CHICAGO, ILLINOIS | | | | | | |
| ** Daily Cat Food | 10.0 | 13.2 | 2.5 | 2.8 | 1.5 | .6 ** |
| High in water | | | | | | |
| HILL PACKING COMPANY, TOPEKA, KANSAS | | | | | | |
| Hill's Horse Meat and Gravy | --- | 19.2 | --- | 6.2 | --- | .1 |
| ** Hill's Dog Food | 12.0 | 12.1 | 3.0 | 7.3 | 1.0 | .4 ** |
| Above guarantee in fat | | | | | | |
| Hill's Dog Food | 12.0 | 12.0 | 3.0 | 6.5 | 1.0 | .5 |
| HULMAN AND COMPANY, EVANSVILLE, INDIANA | | | | | | |
| Rex Dog Food | 10.0 | 9.8 | 2.0 | 2.3 | 1.5 | 1.3 |
| INTERSTATE FOODS OF AMERICA, BEDFORD, OHIO | | | | | | |
| ABC Diet 1 Dog Food | 10.0 | 9.7 | 2.0 | 2.7 | .2 | .6 |
| ABC Diet 2 Dog Food | 10.0 | 10.0 | 2.0 | 2.9 | 1.5 | 1.0 |
| KASCO MILLS, INC., TOLEDO, OHIO | | | | | | |
| Kasco Dog Ration | 10.0 | 10.6 | 2.0 | 2.2 | 1.5 | 1.3 |
| Kasco Complete Dog Ration | 25.0 | 29.3 | 8.0 | 9.0 | 4.0 | 4.1 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|---|---------|------------|-------|------------|-------|--------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| KECO FLOUR AND FEED COMPANY, MCKENZIE, TENNESSEE | | | | | | |
| Keco Dog Food | 10.5 | 12.4 | 2.0 | 3.3 | 1.0 | .7 |
| KIMBELL FOOD PRODUCTS COMPANY, FORT WORTH, TEXAS | | | | | | |
| ** Kim Dog Food | 6.0 | 6.9 | 1.0 | <u>.4</u> | 1.2 | 1.0 ** |
| MCKNIGHT KEATON GROCER COMPANY, SIKESTON, MISSOURI | | | | | | |
| Radio Dog Food | 10.0 | 10.5 | 2.0 | <u>1.1</u> | 1.5 | 1.5 |
| MCMILLEN FEED MILLS, FORT WAYNE, INDIANA | | | | | | |
| Master Mix M-V Dogburger 24% Protein Dog Food | 24.0 | 30.8 | 3.0 | 5.0 | 4.0 | 3.8 |
| MAGIC FEED MILLS, PAOLI, INDIANA | | | | | | |
| Magic 25% Protein Dog Food | 25.0 | 28.4 | 3.5 | 6.1 | 6.0 | 3.6 |
| Magic 25% Protein Dog Food | 25.0 | 25.6 | 3.5 | 7.2 | 6.0 | 3.2 |
| S. E. MIGHTON COMPANY, BEDFORD, OHIO | | | | | | |
| ** "Watch Dog" Dog Food High in water | 10.0 | <u>8.8</u> | 2.0 | 2.0 | 1.2 | 1.1 ** |
| Valor Dog Food | 10.0 | 11.1 | 2.0 | 2.0 | 1.2 | 1.4 |
| ** Pet Dog Food High in water | 10.0 | <u>8.5</u> | 2.0 | <u>1.4</u> | 1.2 | 1.1 ** |
| ** "Watch Dog" Dog Food High in water | 10.0 | <u>8.7</u> | 2.0 | 2.5 | 1.2 | 1.0 ** |
| ** Pet Dog Food High in water | 10.0 | 9.5 | 2.0 | 2.1 | 1.2 | 1.0 ** |
| ** Doggie Dinner | 10.0 | 10.3 | 2.0 | 1.4 | 1.5 | 1.1 ** |
| Pet Dog Food | 10.0 | 9.7 | 2.0 | <u>2.1</u> | 1.0 | 1.3 |
| ** "Watch Dog" Dog Food High in water | 10.0 | 9.7 | 2.0 | 1.7 | 1.2 | 1.5 ** |
| MORGAN PACKING COMPANY, AUSTIN, INDIANA | | | | | | |
| King Karlo Dog Food | 10.0 | 11.3 | 2.5 | 2.9 | 1.0 | 1.0 |
| King Karlo Dog Food | 10.0 | 11.2 | 2.5 | 2.9 | 1.0 | 1.1 |
| JOHN MORRELL AND COMPANY, OTTUMWA, IOWA | | | | | | |
| Morrell Red Heart Dog Food | 10.5 | 12.1 | 2.5 | 3.1 | 1.0 | .9 |
| Red Heart Dog Food | 10.5 | 11.4 | 2.5 | 3.4 | 1.0 | .5 |
| NATIONAL OATS COMPANY, EAST ST. LOUIS, ILLINOIS | | | | | | |
| Corno 25% Protein Dog Food | 25.0 | 30.4 | 4.0 | 5.7 | 5.0 | 3.0 |
| NATIONAL PACKING COMPANY, GREENVILLE, MISSISSIPPI | | | | | | |
| K A M Dog Food | 13.0 | 13.0 | 2.0 | 2.9 | 1.0 | .4 |
| NEW ENGLAND PACKING CO., DIVISION EVANS INDUSTRIES, MARION, INDIANA | | | | | | |
| ** Bostonian Dog Food High in water | 10.0 | 9.7 | 2.0 | <u>1.1</u> | 1.5 | .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.

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|--|---------|-------------|-------|-------------|-------|-------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| CHARLES NUNN AND SONS MILLING COMPANY, EVANSVILLE, INDIANA | | | | | | |
| Nunn Better Dog Food | 25.0 | 26.2 | 3.5 | 4.9 | 6.0 | 4.7 |
| ORLEANS CANNING COMPANY, CHICAGO, ILLINOIS | | | | | | |
| ** Orleans All Horse Meat Dog Food | 17.0 | 19.0 | 3.0 | <u>12.4</u> | 1.5 | .2 ** |
| Very much above guarantee in fat | | | | | | |
| Orleans Dog Food | 15.0 | 15.4 | 3.0 | 6.3 | 1.5 | .4 |
| OWENSBORO MILLING COMPANY, OWENSBORO, KENTUCKY | | | | | | |
| Tru-Test Dog Food | 26.0 | 30.0 | 4.5 | 5.6 | 4.5 | 2.9 |
| Tru-Test Dog Food | 26.0 | 28.6 | 4.5 | 5.4 | 4.5 | 3.4 |
| PEDRICK LABORATORIES, SAND SPRINGS, OKLAHOMA | | | | | | |
| ** Vigo 100 Dog Food | 18.0 | 19.2 | 5.0 | <u>14.1</u> | 1.2 | .2 ** |
| Very much above guarantee in fat | | | | | | |
| ** Vigo 100 Dog Food | 18.0 | <u>16.8</u> | 5.0 | 8.2 | 1.2 | .3 ** |
| High in water | | | | | | |
| PERK FOODS COMPANY, CHICAGO, ILLINOIS | | | | | | |
| Vets Dog Food | 10.0 | 10.3 | 2.0 | 2.0 | 1.5 | 1.3 |
| Vets Dog Food | 10.0 | 10.2 | 2.0 | 2.7 | 1.5 | 1.6 |
| ** Peak 100% Horse Meat Dog Food | 17.5 | 18.5 | 2.5 | <u>15.8</u> | 1.0 | .2 ** |
| Very much above guarantee in fat | | | | | | |
| ** Peak 100% Horse Meat Dog Food | 17.5 | <u>16.5</u> | 3.5 | <u>14.5</u> | 1.0 | .4 ** |
| Very much above guarantee in fat | | | | | | |
| ** Peak 100% Horse Meat Dog Food | 17.5 | 21.8 | 3.5 | <u>16.9</u> | 1.0 | .2 ** |
| Very much above guarantee in fat | | | | | | |
| Perk Dog Food | 12.0 | 12.3 | 2.0 | 2.7 | 1.2 | 1.1 |
| PET FOOD PACKERS, WASHINGTON COURT HOUSE, OHIO | | | | | | |
| Bounce Dog Food | 10.0 | 10.0 | 2.0 | 2.2 | 1.5 | .9 |
| Bounce Dog Food | 10.0 | 9.5 | 2.0 | 1.7 | 1.5 | 1.2 |
| PILLSBURY MILLS INC., CLINTON, IOWA | | | | | | |
| Pillsbury's Best Dog Food | 24.0 | 28.1 | 4.5 | 4.7 | 4.0 | 4.0 |
| PROVICO FOOD COMPANY, CINCINNATI, OHIO | | | | | | |
| Provico Dog Food | 24.0 | 25.0 | 4.5 | 5.5 | 4.0 | 3.8 |
| QUAKER OATS COMPANY, CHICAGO, ILLINOIS | | | | | | |
| ** Ken-L-Ration Dog Food | 10.0 | <u>9.3</u> | 2.5 | <u>7.0</u> | 1.0 | .6 ** |
| Above guarantee in fat | | | | | | |
| ** Ken-L-Ration Dog Food | 10.0 | 10.1 | 2.5 | <u>6.6</u> | 1.0 | .6 ** |
| Above guarantee in fat | | | | | | |
| Ken-L-Ration Dog Food | 10.0 | 11.1 | 2.5 | 4.8 | 1.0 | .4 |
| Ken-L-Ration Dog Food | 10.0 | 9.6 | 2.5 | 5.2 | 1.0 | .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.

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|--|---------|-------------|-------|------------|-------|--------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| C. B. RAGLAND COMPANY, NASHVILLE, TENNESSEE | | | | | | |
| Mitzie Dog Food | 10.0 | 11.2 | 2.0 | 2.2 | 1.5 | 1.0 |
| RIVAL PACKING COMPANY, CHICAGO, ILLINOIS | | | | | | |
| Rival Dog Food | 12.5 | 12.4 | 2.5 | 2.2 | 1.0 | .7 |
| Rival Dog Food | 11.0 | 12.2 | 2.0 | 2.2 | 1.0 | .8 |
| G. P. ROSE AND COMPANY, NASHVILLE, TENNESSEE | | | | | | |
| Rose's Triumph Dog Food | 24.0 | 26.6 | 7.0 | 8.5 | 5.0 | 3.4 |
| ROYAL ANIMAL FOODS, INC., HOUSTON, TEXAS | | | | | | |
| ** Royal 90% Meat Dog Food | 18.0 | <u>13.9</u> | 4.0 | <u>2.6</u> | 1.5 | .4 ** |
| Very much below guarantee in protein | | | | | | |
| RUSSELL MILLER MILLING COMPANY, MINNEAPOLIS, MINNESOTA | | | | | | |
| Occident Dog Food | 25.0 | 27.8 | 3.0 | 5.1 | 6.0 | 2.4 |
| SCHULTZ, BAUJAN AND COMPANY, BEARDSTOWN, ILLINOIS | | | | | | |
| "Critic Brand" 25% Protein Dog Feed | 25.0 | 25.5 | 3.5 | 6.5 | 5.0 | 4.0 |
| SECURITY MILLS, INC., KNOXVILLE, TENNESSEE | | | | | | |
| ** "Security Brand" Dog Food | 25.0 | <u>24.2</u> | 5.0 | 6.8 | 4.0 | 3.2 ** |
| SOUTHERN CANNING SALES, INC., HIGHLAND, TEXAS | | | | | | |
| ** Lucky Dog and Cat Food | 8.0 | 8.8 | 2.0 | .8 | 1.2 | 1.6 ** |
| ** Pet-Agree Dog Food | 8.0 | 9.3 | 2.0 | .9 | 1.2 | 1.7 ** |
| ** Top Kick Dog and Cat Food | 8.0 | 9.0 | 2.0 | .3 | 1.2 | 1.6 ** |
| STANDARD FEED MILLING COMPANY, ATLANTA, GEORGIA | | | | | | |
| Kin Dog Food | 24.0 | 27.8 | 3.5 | 5.7 | 5.5 | 3.6 |
| SUN-RAY FEED MILL, LEXINGTON, KENTUCKY | | | | | | |
| Sun-Ray Dog Food | 24.0 | 24.4 | 4.0 | 5.1 | 3.5 | 3.4 |
| SWIFT AND COMPANY, CHICAGO, ILLINOIS | | | | | | |
| Swift's Pard Dog Food | 10.5 | 10.5 | 2.5 | 4.4 | 1.0 | .6 |
| Swift's Pard Dog Food | 10.5 | 10.2 | 2.5 | 5.7 | 1.0 | .5 |
| THE THOROBRED COMPANY, INC., CINCINNATI, OHIO | | | | | | |
| ** Thorobred Dog Food | 10.0 | 10.1 | 2.0 | <u>1.4</u> | 1.0 | 1.0 ** |
| THE UBIKO MILLING COMPANY, CINCINNATI, OHIO | | | | | | |
| Life Guard Dog Food | 24.0 | 26.3 | 5.0 | 5.6 | 4.0 | 4.1 |
| VET'S DIVISION OF PERK DOG FOOD, CHICAGO, ILLINOIS | | | | | | |
| Vet's Dog Food | 10.0 | 9.9 | 2.0 | 1.8 | 1.5 | 1.5 |
| ** Vet's Dog Food | 10.0 | <u>9.2</u> | 2.0 | 2.1 | 1.5 | 1.6 ** |
| VITALITY MILLS, INC., CHICAGO, ILLINOIS | | | | | | |
| Vitality Body Builder Brand Dog Food | 26.0 | 26.3 | 5.0 | 6.6 | 5.5 | 3.8 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|---------------------------------------|---------|------------|-------|------------|-------|-------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| WILSON AND COMPANY, CHICAGO, ILLINOIS | | | | | | |
| Ideal Dog Food | 10.0 | 9.9 | 2.0 | 5.7 | 1.0 | .6 |
| ** Ideal Dog Food | 10.0 | 10.1 | 2.0 | <u>6.6</u> | 1.0 | .6 ** |
| Above guarantee in fat | | | | | | |
| ** Ideal Dog Food | 10.0 | <u>9.3</u> | 2.0 | 5.0 | 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.

Commercial Feeds in Kentucky

Protein and Mineral Feeds and Mineral Feeds

| Manufacturer, Brand and Remarks | Protein | | Fat | | Fiber | | Calcium | | Phosphorus | | Iodine | | Salt | |
|--|---------|-------|------|-------|-------|-------|---------|-------|------------|-------|--------|-------|------|--------|
| | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found |
| ALABAMA FLOUR MILLS, DECATUR, ALA. "Pride of Dixie Brand" Laying Mash | 20.0 | 20.8 | 3.5 | 3.9 | 8.0 | 6.7 | 1.7 | 2.0 | .8 | 1.0 | .0001 | ---- | 1.0 | 1.3 |
| ALLIED MILLS, INC., CHICAGO, ILL. | | | | | | | | | | | | | | |
| ** Wayne 36% Mash Mixer | 36.0 | 40.0 | 2.5 | 3.1 | 10.0 | 6.4 | 3.7 | 2.7 | 1.0 | .9 | .001 | ---- | 1.5 | 1.8 ** |
| Wayne Roughage Supplement "A" | 32.0 | 32.4 | 2.0 | 2.5 | 7.0 | 6.8 | 1.5 | 2.3 | .8 | 1.1 | .0008 | ---- | 2.5 | 1.2 |
| ** Wayne Roughage Supplement "A" | 32.0 | 35.8 | 2.0 | 3.5 | 7.0 | 9.2 | 1.5 | 2.2 | .8 | 1.1 | .0008 | ---- | 2.5 | 2.6 ** |
| Very much above guarantee in fiber | | | | | | | | | | | | | | |
| Excess cottonseed hulls | | | | | | | | | | | | | | |
| Wayne Roughage Supplement "A" | 32.0 | 31.7 | 2.0 | 1.7 | 7.0 | 7.5 | 1.5 | 2.4 | .8 | 1.2 | .0008 | ---- | 2.5 | 2.4 |
| Wayne 32% Dairy Supplement | 32.0 | 33.5 | 2.5 | 2.8 | 8.0 | 5.1 | 1.5 | 2.6 | .7 | .7 | .0008 | ---- | 2.5 | 2.2 |
| Wayne 32% Dairy Supplement | 32.0 | 33.9 | 2.5 | 3.3 | 8.0 | 8.4 | 1.5 | 2.0 | .7 | 1.0 | .0008 | ---- | 2.5 | 2.0 |
| Wayne Hog Supplement | 40.0 | 41.0 | 1.5 | 2.7 | 6.0 | 5.6 | 3.0 | 3.7 | 1.0 | 1.6 | .0008 | ---- | 2.5 | 2.2 |
| AUBREY AND CO., LOUISVILLE, KY. | | | | | | | | | | | | | | |
| Red "A" Steer Concentrate | 33.0 | 36.2 | 1.5 | 2.3 | 6.0 | 6.4 | 3.0 | 3.2 | 1.3 | 1.4 | ---- | ---- | 2.0 | 2.8 |
| ** Red "A" Steer Concentrate | 33.0 | 35.3 | 1.5 | 2.4 | 6.0 | 6.1 | 3.0 | 3.9 | 1.3 | 1.3 | .0008 | ---- | 2.0 | 2.6 ** |
| Red "A" 40% Protein & Mineral Hog Supplement | 40.0 | 40.1 | 1.0 | 1.7 | 7.0 | 5.5 | 3.0 | 3.6 | .8 | .1 | .0021 | ---- | 3.0 | 3.0 |
| Red "A" 40% Protein & Mineral Hog Supplement | 40.0 | 41.3 | 1.0 | 1.8 | 7.0 | 5.3 | 3.0 | 3.0 | .8 | .8 | .0021 | ---- | 3.0 | 3.0 |
| Red "A" 40% Protein & Mineral Hog Supplement | 40.0 | 40.1 | 1.0 | 1.5 | 7.0 | 5.3 | 3.0 | 3.7 | .8 | 1.1 | .0021 | ---- | 3.0 | 3.4 |
| Red "A" 40% Protein & Mineral Hog Supplement | 40.0 | 41.2 | 1.0 | 1.3 | 7.0 | 5.3 | 3.0 | 2.7 | .8 | 1.0 | .0021 | ---- | 3.0 | 2.6 |
| BUHNER AND CO., LOUISVILLE, KY. | | | | | | | | | | | | | | |
| ** "Happy Farmer" 32% Protein Dairy Feed | 32.0 | 34.0 | 1.5 | 2.4 | 8.0 | 6.7 | 5.0 | 3.8 | 1.2 | 1.3 | .0017 | ---- | 3.5 | 4.1 ** |

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

Protein and Mineral Feeds and Mineral Feeds

| Manufacturer, Brand and Remarks | Protein | | Fat | | Fiber | | Calcium | | Phosphorus | | Iodine | | Salt | |
|--|---------|-------|------|-------|-------|-------|---------|-------|------------|-------|--------|-------|------|--------|
| | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found |
| BUHNER AND CO., LOUISVILLE, KY. (Cont'd) | | | | | | | | | | | | | | |
| ** "Happy Farmer" 20% H. E. Range Cubes | 20.5 | 22.3 | 4.0 | 4.4 | 7.0 | 7.6 | 1.8 | 2.0 | .9 | 1.1 | .0011 | ---- | 2.0 | 2.4 ** |
| CLIFTY FALLS MILLS, INC., MADISON, IND. | | | | | | | | | | | | | | |
| 32% Protein Dairy Supplement | 32.0 | 35.1 | 2.0 | 1.9 | 9.0 | 6.0 | 1.7 | 1.7 | .1 | .6 | ---- | ---- | 1.4 | 1.0 |
| COOPERATIVE MILLS, INC., CINCINNATI, OHIO | | | | | | | | | | | | | | |
| Beef Supplement | 30.0 | 34.4 | 2.0 | 3.3 | 11.0 | 10.4 | 1.7 | 1.8 | 1.0 | 1.1 | .0001 | ---- | 2.5 | 2.5 |
| Beef Supplement | 30.0 | 33.5 | 2.0 | 3.0 | 11.0 | 10.2 | 1.7 | 2.2 | 1.0 | 1.1 | .0001 | ---- | 2.5 | 2.7 |
| Beef Supplement | 30.0 | 30.8 | 2.0 | 3.0 | 11.0 | 10.2 | 1.7 | 1.7 | 1.0 | 1.0 | ---- | ---- | 2.5 | 2.6 |
| 40% Pork Maker (Hogs on Pasture) | 40.0 | 43.9 | 1.5 | 2.0 | 8.5 | 5.0 | 3.5 | 3.9 | 1.2 | 1.6 | ---- | ---- | 2.0 | 2.3 |
| 40% Pork Maker (Hogs on Pasture) | 40.0 | 43.0 | 1.5 | 2.1 | 8.5 | 5.0 | 3.5 | 4.1 | 1.2 | 1.6 | .0001 | ---- | 2.0 | 1.8 |
| 35% Sow & Pig Supplement (Hogs not on Pasture) | 35.0 | 38.3 | 1.2 | 2.4 | 8.2 | 7.0 | 3.9 | 3.9 | 1.0 | 1.4 | .0001 | ---- | 2.0 | 2.2 |
| 35% Sow & Pig Supplement | 35.0 | 36.1 | 1.2 | 2.1 | 8.5 | 8.1 | 3.0 | 3.5 | 1.0 | .9 | .0001 | ---- | 2.0 | 2.4 |
| DEARBORN MILLS, AURORA, INDIANA | | | | | | | | | | | | | | |
| Dearborn 32% Dairy & Cattle Supplement "A" | 32.0 | 33.5 | 1.0 | 2.0 | 9.5 | 7.8 | 1.9 | 2.4 | .9 | 1.2 | .0002 | ---- | 2.0 | 2.4 |
| ** Dearborn 32% Dairy & Cattle Supplement "A" | 32.0 | 34.4 | 1.0 | 1.2 | 9.5 | 7.1 | 1.9 | 2.4 | .9 | 1.2 | .0002 | ---- | 2.0 | 2.6 ** |
| ** "Success Brand" 40% Pig & Hog Supplement | 40.0 | 41.9 | 1.5 | 2.4 | 7.5 | 5.8 | 2.0 | 2.9 | .1 | 1.1 | .003 | ---- | 1.5 | 3.1 ** |
| THE EARLY AND DANIEL CO., CINCINNATI, OHIO | | | | | | | | | | | | | | |
| ** Tuxedo Big Forty Hog Supplement | 40.0 | 41.2 | 2.5 | 3.5 | 7.0 | 6.3 | 4.0 | 4.1 | 1.3 | 1.2 | ---- | ---- | 1.2 | 1.8 ** |
| ** Tuxedo Big Forty Hog Supplement | 40.0 | 39.6 | 2.5 | 3.5 | 7.0 | 5.6 | 2.8 | 4.9 | 1.0 | 1.4 | .0013 | ---- | 1.2 | 2.2 ** |

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

Protein and Mineral Feeds and Mineral Feeds

| Manufacturer, Brand and Remarks | Protein | | Fat | | Fiber | | Calcium | | Phosphorus | | Iodine | | Salt | |
|--|---------|-------|------|-------|-------|-------|---------|-------|------------|-------|--------|-------|------|--------|
| | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found |
| THE EARLY AND DANIEL CO., CINCINNATI, OHIO (Cont'd) | | | | | | | | | | | | | | |
| Tuxedo Big Forty Hog Supplement | 40.0 | 40.9 | 2.5 | 3.8 | 7.0 | 6.3 | 4.0 | 4.0 | 1.3 | 1.1 | .0013 | ---- | 1.2 | 1.8 |
| ** Tuxedo Big Forty Hog Supplement | 40.0 | 43.7 | 2.5 | 3.4 | 7.0 | 5.7 | 4.0 | 3.0 | 1.3 | 1.0 | .0013 | ---- | 1.2 | 1.4 ** |
| Tuxedo Big Forty Hog Supplement | 40.0 | 41.0 | 2.5 | 3.7 | 7.0 | 5.8 | 2.8 | 2.9 | 1.0 | 1.1 | .0005 | ---- | 1.2 | 1.3 |
| FAMOUS FEED MILLS, NASHVILLE, TENN. | | | | | | | | | | | | | | |
| "Famous Brand" 36% Poultry Supplement | 36.0 | 35.7 | 2.5 | 3.0 | 6.0 | 6.0 | 2.2 | 5.7 | .8 | 1.2 | .0025 | ---- | 1.0 | 1.4 |
| ** Famous 32% Beef Cattle Supplement | 32.0 | 34.2 | 3.0 | 2.5 | 9.0 | 7.6 | 2.1 | 3.3 | .2 | .9 | .004 | ---- | 2.0 | 3.1 ** |
| FARMERS FRIEND MINERAL CO., NAPOLEON, OHIO | | | | | | | | | | | | | | |
| Farmers Friend Livestock Mineral | ---- | ---- | ---- | ---- | ---- | ---- | 23.0 | 27.5 | 2.0 | 2.2 | .003 | ---- | 10.0 | 9.0 |
| Farmers Friend Livestock Mineral | ---- | ---- | ---- | ---- | ---- | ---- | 23.0 | 27.2 | 2.0 | 2.4 | .003 | ---- | 10.0 | 8.6 |
| FALES & HUNTER CO., CHICAGO, ILL. | | | | | | | | | | | | | | |
| Pioneer Hog Balancer | 36.0 | 35.8 | 2.5 | 3.8 | 7.0 | 5.9 | 4.7 | 5.4 | 2.0 | 1.5 | .002 | ---- | 2.2 | 2.5 |
| ** Pioneer Hog Balancer | 36.0 | 38.1 | 2.5 | 3.6 | 7.0 | 6.6 | 4.7 | 3.3 | 2.0 | 1.3 | .002 | ---- | 2.2 | 2.0 ** |
| KASCO MILLS, INC., TOLEDO, OHIO | | | | | | | | | | | | | | |
| Kasco Hymol Steer Supplement | 32.0 | 33.1 | 2.2 | 2.7 | 10.0 | 7.5 | 1.3 | 1.4 | .5 | .8 | .0005 | ---- | 2.2 | 1.5 |
| MCMILLEN FEED MILLS, FORT WAYNE, INDIANA | | | | | | | | | | | | | | |
| Master Mix 34% Protein & Mineral Layer Concentrate | 34.0 | 34.6 | 1.5 | 1.7 | 9.0 | 5.3 | 5.0 | 6.7 | 2.0 | 2.0 | .0004 | ---- | 1.5 | 1.9 |
| Master Blend 33% Protein and Mineral Dairy Concentrate | 33.0 | 32.9 | 1.5 | 2.0 | 9.0 | 5.8 | 2.8 | 4.2 | .9 | 1.2 | .0003 | ---- | 2.5 | 2.4 |
| Master Blend 33% Protein and Mineral Dairy Concentrate | 33.0 | 34.6 | 1.5 | 1.7 | 9.0 | 5.7 | 2.8 | 4.1 | .9 | 1.2 | ----- | ---- | 2.5 | 3.1 |

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

Protein and Mineral Feeds and Mineral Feeds

| Manufacturer, Brand and Remarks | Protein | | Fat | | Fiber | | Calcium | | Phosphorus | | Iodine | | Salt | |
|--|---------|-------|------|-------|-------|-------|---------|-------|------------|-------|--------|-------|------|--------|
| | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found |
| MCMILLEN FEED MILLS, FORT WAYNE, IND. (Cont'd) | | | | | | | | | | | | | | |
| Master Blend 33% Protein & Mineral | | | | | | | | | | | | | | |
| Dairy Concentrate | 33.0 | 33.7 | 1.5 | 1.6 | 9.0 | 5.7 | 2.8 | 4.2 | .9 | 1.3 | .0003 | --- | 2.5 | 2.6 |
| Master Blend 33% Protein & Mineral | | | | | | | | | | | | | | |
| Dairy Concentrate | 33.0 | 33.1 | 1.5 | 1.5 | 9.0 | 5.5 | 2.8 | 5.6 | .9 | 1.6 | .0003 | --- | 2.5 | 2.8 |
| Master Mix 32% Protein & Mineral | | | | | | | | | | | | | | |
| Beef Supplement | 32.0 | 34.2 | 1.0 | 1.5 | 7.0 | 5.7 | 2.5 | 3.2 | 1.2 | 1.6 | .0002 | --- | 2.7 | 2.4 |
| Master Mix 32% Protein & Mineral | | | | | | | | | | | | | | |
| Beef Concentrate | 32.0 | 33.3 | 1.0 | .8 | 7.0 | 5.0 | 2.5 | 4.3 | 1.2 | 1.8 | .0002 | --- | 2.7 | 2.7 |
| Master Soy 40% Supplement | 40.0 | 40.0 | .5 | .7 | 6.5 | 5.8 | 2.4 | 4.4 | .6 | .9 | .0004 | --- | .5 | .9 |
| Master Mix M-V 38% Pig Concentrate | 38.0 | 39.1 | 1.5 | 2.5 | 8.0 | 6.6 | 2.4 | 2.7 | 1.0 | 1.1 | .0002 | --- | 1.4 | 1.2 |
| MOORMAN MANUFACTURING CO., QUINCY, ILL. | | | | | | | | | | | | | | |
| Moorman's 40% Protein & Mineral | | | | | | | | | | | | | | |
| (Super 5 Poultry) Supplement | 40.0 | 40.2 | 2.0 | 3.7 | 6.5 | 5.6 | 4.5 | 6.0 | 2.1 | 1.9 | .0023 | --- | 1.9 | 2.3 |
| Moorman's 45% Protein & Mineral | | | | | | | | | | | | | | |
| Steer Supplement | 45.0 | 45.0 | 2.0 | 2.9 | 7.5 | 7.9 | 2.7 | 2.6 | 1.0 | 1.0 | .0025 | --- | 3.8 | 3.3 |
| OELWEIN CHEMICAL CO., INC., OELWEIN, IOWA | | | | | | | | | | | | | | |
| Occo Mineral Supplement for Hogs | ---- | ---- | ---- | ---- | ---- | ---- | 15.0 | 19.0 | 4.0 | 5.1 | .01 | ---- | ---- | ---- |
| Occo Mineral Supplement for Beef | ---- | ---- | ---- | ---- | ---- | ---- | 18.0 | 22.6 | 4.5 | 5.0 | .01 | ---- | 8.0 | 8.2 |
| PILLSBURY MILLS, INC., CLINTON, IOWA | | | | | | | | | | | | | | |
| Pillsbury's Best Laying Mash | 20.0 | 20.0 | 3.0 | 4.7 | 8.0 | 6.6 | 2.0 | 1.8 | 1.0 | 1.0 | .0002 | ---- | .7 | 1.0 |
| Pillsbury's Best Laying Mash | 20.0 | 21.3 | 3.0 | 3.6 | 8.0 | 5.5 | 2.0 | 1.8 | 1.0 | 1.0 | .0002 | ---- | .7 | .9 |
| Pillsbury's Champion Egg Producer | 20.0 | 21.5 | 3.0 | 2.9 | 8.0 | 6.1 | 2.0 | 1.8 | 1.0 | 1.0 | .0002 | ---- | .7 | .7 |
| ** Pillsbury's Champion Egg Producer | 20.0 | 22.1 | 3.0 | 3.2 | 8.0 | 6.3 | 2.0 | 2.1 | 1.0 | 1.0 | .0002 | ---- | .7 | 1.6 ** |

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

Protein and Mineral Feeds and Mineral Feeds

Commercial Feeds in Kentucky

| Manufacturer, Brand and Remarks | Protein | | Fat | | Fiber | | Calcium | | Phosphorus | | Iodine | | Salt | |
|---|---------|-------|------|-------|-------|-------|---------|-------|------------|-------|--------|-------|------|--------|
| | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found |
| PILLSBURY'S MILLS, INC., CLINTON, IOWA (Cont'd) | | | | | | | | | | | | | | |
| Pillsbury's Champion Egg Producer | 20.0 | 20.6 | 3.0 | 2.8 | 8.0 | 5.6 | 2.0 | 2.0 | 1.0 | .9 | ----- | ----- | .7 | 1.0 |
| ** Pillsbury's Best Beef Cattle Concentrate | 32.0 | 34.2 | 1.5 | 1.7 | 8.0 | 6.0 | 2.7 | 2.5 | .9 | 1.0 | .0003 | ----- | 1.5 | 2.5 ** |
| ** Pillsbury's Best Beef Cattle Concentrate | 32.0 | 35.5 | 1.5 | 1.6 | 8.0 | 5.9 | 2.7 | 1.1 | .9 | .9 | .0003 | ----- | 1.5 | 2.2 ** |
| Pillsbury's Best Beef Cattle Concentrate | 32.0 | 34.5 | 1.5 | 2.3 | 8.0 | 5.9 | 2.7 | 2.3 | .9 | .9 | .0003 | ----- | 1.5 | 2.0 |
| Pillsbury's Best 32% Dairy Concentrate | 32.0 | 34.5 | 3.0 | 3.8 | 8.0 | 6.0 | 3.0 | 3.1 | 1.0 | 1.0 | .0003 | ----- | 2.0 | 2.0 |
| Pillsbury's Best 32% Dairy Concentrate | 32.0 | 35.4 | 2.0 | 2.0 | 8.0 | 6.8 | 3.0 | 2.7 | 1.0 | 1.3 | .0003 | ----- | 2.0 | 2.6 |
| ** Pillsbury's Best 32% Dairy Concentrate | 32.0 | 39.3 | 2.0 | 2.8 | 8.0 | 6.9 | 3.0 | 1.7 | 1.0 | 1.4 | .0003 | ----- | 2.0 | 2.5 ** |
| Pillsbury's Best 32% Dairy Concentrate | 32.0 | 34.0 | 2.0 | 2.0 | 8.0 | 6.0 | 3.0 | 2.7 | 1.0 | 1.1 | .0003 | ----- | 2.0 | 2.6 |
| Pillsbury's Best 32% Dairy Concentrate | 32.0 | 33.7 | 2.0 | 3.0 | 8.0 | 7.6 | 3.0 | 3.3 | 1.0 | 1.3 | .0003 | ----- | 2.0 | 2.0 |
| ** Pillsbury's Best 32% Dairy Concentrate | 32.0 | 35.4 | 2.0 | 2.0 | 8.0 | 5.4 | 3.0 | 3.0 | 1.0 | 1.2 | .0003 | ----- | 2.0 | 2.9 ** |
| Pillsbury's Champion 24% Dairy Feed | 24.0 | 24.6 | 2.5 | 3.1 | 10.0 | 6.9 | 1.7 | 1.4 | .5 | .8 | .0002 | ----- | 1.5 | 2.1 |
| ** Pillsbury's Champion 24% Dairy Feed | 24.0 | 25.2 | 2.5 | 3.4 | 10.0 | 7.2 | 1.7 | 1.3 | .5 | .7 | .0002 | ----- | 1.5 | 2.4 ** |
| Pillsbury's Champion 24% Dairy Feed | 24.0 | 27.2 | 2.5 | 3.4 | 10.0 | 6.9 | 1.7 | 1.8 | .5 | .9 | .0002 | ----- | 1.5 | 2.2 ** |
| Pillsbury's Champion 24% Dairy Feed | 24.0 | 23.6 | 2.5 | 2.8 | 10.0 | 6.3 | 1.7 | 1.4 | .5 | .8 | .0002 | ----- | 1.5 | 1.8 |
| Pillsbury's Champion 24% Dairy Feed | 24.0 | 23.9 | 2.5 | 3.2 | 10.0 | 6.7 | 1.7 | 1.7 | .5 | .5 | .0002 | ----- | 1.5 | 1.5 |

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

Protein and Mineral Feeds and Mineral Feeds

| Manufacturer, Brand and Remarks | Protein | | Fat | | Fiber | | Calcium | | Phosphorus | | Iodine | | Salt | |
|---|---------|-------|------|-------|-------|-------|---------|-------|------------|-------|--------|-------|------|-------|
| | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found |
| PILLSBURY'S MILLS, INC., CLINTON, IOWA (Cont'd) | | | | | | | | | | | | | | |
| ** Pillsbury's Champion 24% Dairy Feed | 24.0 | 22.5 | 3.0 | 3.0 | 11.0 | 7.0 | 1.7 | 1.7 | .5 | .5 | .0002 | ----- | 1.5 | 1.5** |
| Contained mixed screenings | | | | | | | | | | | | | | |
| ** Pillsbury's Champion 24% Dairy Feed | 24.0 | 25.5 | 3.0 | 3.3 | 11.0 | 8.7 | 1.7 | 1.7 | .5 | .5 | .0002 | ----- | 1.5 | 1.5** |
| Contained mixed screenings | | | | | | | | | | | | | | |
| Pillsbury's Best Moxi-Meal Hog Concentrate | 32.0 | 34.0 | 2.0 | 2.3 | 6.5 | 6.1 | 2.7 | 2.3 | 1.0 | 1.2 | ----- | ----- | 1.6 | 1.6 |
| ** Pillsbury's Best Hog Concentrate | 40.0 | 40.4 | 1.5 | 2.7 | 7.0 | 5.9 | 4.0 | 3.3 | 1.5 | 1.2 | .0004 | ----- | 1.7 | 1.7** |
| Pillsbury's Best Hog Concentrate | 40.0 | 41.9 | 1.5 | 2.6 | 7.0 | 5.3 | 4.0 | 5.1 | 1.5 | 1.5 | .0004 | ----- | 1.7 | 1.6 |
| ** Pillsbury's Best Hog Concentrate | 40.0 | 43.7 | 1.5 | 2.5 | 7.0 | 6.1 | 4.0 | 3.1 | 1.5 | 1.4 | .0004 | ----- | 1.7 | 1.7** |
| ** Pillsbury's Best Hog Concentrate | 40.0 | 44.0 | 1.5 | 2.5 | 7.0 | 5.4 | 4.0 | 2.4 | 1.5 | 1.6 | .0004 | ----- | 1.7 | 1.7** |
| ** Pillsbury's Best Pig Feast Brand Pig Starter | 18.0 | 20.6 | 3.0 | 3.6 | 5.5 | 4.0 | 1.2 | 1.6 | .6 | .9 | .0001 | ----- | .5 | 1.1** |
| PURCELL SEED CO., EVANSVILLE, IND. | | | | | | | | | | | | | | |
| ** "Judge Brand" 40% Protein Shoaat and Hog Supplement | 40.0 | 38.5 | 2.0 | 4.1 | 8.0 | 5.6 | 2.0 | 4.5 | 1.0 | 1.0 | .0035 | ----- | 1.0 | 1.5** |
| RALSTON PURINA CO., ST. LOUIS, MO. | | | | | | | | | | | | | | |
| Purina Cow Chow 32% Protein and Mineral Concentrate | 32.0 | 30.8 | 1.5 | 2.2 | 9.0 | 6.5 | 3.0 | 3.0 | 1.0 | 1.5 | ----- | ----- | 2.3 | 2.4** |
| Purina Cow Chow 32% Protein and Mineral Concentrate | 32.0 | 36.2 | 1.5 | 2.1 | 9.0 | 6.9 | 3.0 | 2.6 | 1.0 | 1.0 | .0003 | ----- | 2.3 | 2.5 |
| Purina Cow Chow 32% Protein and Mineral Concentrate | 32.0 | 32.8 | 1.5 | 2.8 | 9.0 | 7.4 | 3.0 | 3.9 | 1.0 | 1.3 | .0035 | ----- | 2.3 | 2.3 |
| Purina Cow Chow 32% Protein and Mineral Concentrate | 32.0 | 38.8 | 1.5 | 2.1 | 9.0 | 7.1 | 3.0 | 1.4 | 1.0 | 1.1 | .0003 | ----- | 2.3 | 2.3 |
| Purina 13% Protein & Mineral Dry & Freshening Chow Supplement | 13.0 | 18.1 | 2.0 | 2.8 | 10.0 | 10.4 | 3.0 | 2.5 | 1.2 | 1.3 | .0003 | ----- | 2.3 | 2.1 |

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

Protein and Mineral Feeds and Mineral Feeds

| Manufacturer, Brand and Remarks | Protein | | Fat | | Fiber | | Calcium | | Phosphorus | | Iodine | | Salt | |
|---|---------|-------|------|-------|-------|-------|---------|-------|------------|-------|--------|-------|------|--------|
| | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found | Guar | Found |
| Commercial Feeds in Kentucky | | | | | | | | | | | | | | |
| RALSTON PURINA CO., ST. LOUIS, MO. (Cont'd) | | | | | | | | | | | | | | |
| Purina 13% Protein & Mineral Dry and Freshening Chow Supplement | 13.0 | 17.7 | 2.0 | 2.5 | 10.0 | 7.8 | 3.0 | 3.0 | 1.2 | 1.2 | .0003 | ---- | 2.3 | 2.4 |
| Purina Hog Chow 40% Supplement | 40.0 | 41.8 | 2.5 | 4.1 | 8.0 | 4.6 | 4.5 | 4.2 | 1.8 | 2.0 | .0003 | ---- | 1.8 | 2.2 |
| Purina Hog Chow 40% Supplement (For Pasture) | 40.0 | 41.8 | 2.5 | 4.6 | 8.0 | 5.1 | 4.5 | 4.0 | 1.8 | 1.9 | .0003 | ---- | 1.8 | 1.9 |
| Purina Hog Chow 40% Supplement (For Pasture) | 40.0 | 39.9 | 2.5 | 3.6 | 8.0 | 5.9 | 4.5 | 4.4 | 1.8 | 2.1 | .0003 | ---- | 1.8 | 2.2 |
| Purina 36% Hog Chow Supplement | 36.0 | 36.4 | 2.0 | 3.7 | 10.0 | 6.0 | 4.0 | 4.1 | 1.8 | 1.9 | .0003 | ---- | 1.8 | 2.0 |
| STANDARD FEED MILLING CO., ATLANTA, GA. | | | | | | | | | | | | | | |
| ** "Super Quality Brand" 40% Hog Supplement | 40.0 | 39.2 | 1.5 | 7.7 | 8.0 | 4.0 | 3.0 | 4.5 | 1.5 | 2.3 | .0007 | ---- | 2.0 | 2.1 ** |
| SWIFT AND CO., CHICAGO, ILL. | | | | | | | | | | | | | | |
| Swift's 40% Protein Swine Concentrate | 40.0 | 40.3 | 3.0 | 2.6 | 7.0 | 6.6 | 3.2 | 3.4 | 1.2 | 1.4 | .0005 | ---- | 2.0 | 1.7 |

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

REPORT OF OFFICIAL FEED SAMPLES ANALYZED

October, November and December, 1953

Samples failing to equal guaranty by more than one-half of one per cent, 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 |
| ALABAMA FLOUR MILLS, DECATUR, ALABAMA | | | | | | |
| Mother's Best Laying Mash | 20.0 | 20.7 | 3.5 | 3.7 | 7.0 | 6.0 |
| Mother's Best Red Hat 17% Dairy Feed | 17.0 | 18.8 | 3.0 | 3.8 | 10.0 | 7.0 |
| "Pride of Dixie Brand" 40% Hog Supplement | 40.0 | 39.9 | 3.0 | 2.8 | 8.0 | 6.9 |
| "Mother's Best Brand" 40% Hog Supplement | 40.0 | 42.4 | 3.0 | 3.5 | 7.5 | 6.6 |
| "Mother's Best Brand" Pig and Sow Feed | 20.0 | 21.6 | 3.0 | 4.5 | 6.0 | 5.4 |
| ALBANY MILLS, ALBANY, KENTUCKY | | | | | | |
| Clinton 20% Laying Mash | 20.0 | 21.7 | 3.5 | 3.8 | 7.5 | 5.0 |
| Clinton 20% Dairy Feed | 20.0 | 20.6 | 3.5 | 3.2 | 9.5 | 5.3 |
| Clinton Pig and Hog Feed | 16.0 | 17.6 | 3.0 | 4.0 | 6.0 | 4.1 |
| ALBERS MANUFACTURING COMPANY, LOS ANGELES, CALIFORNIA | | | | | | |
| "Manna Brand" 25% Protein Calf Feed | 25.0 | 26.4 | 3.5 | 4.3 | 5.5 | 4.4 |
| ALLEN COUNTY MILLS, SCOTTSVILLE, KENTUCKY | | | | | | |
| Alco Pig and Hog Feed | 15.0 | 15.4 | 3.5 | 4.6 | 6.0 | 5.7 |
| ALLIED MILLS, INC., CHICAGO, ILLINOIS | | | | | | |
| Wayne Mash Layer | 20.0 | 22.4 | 3.0 | 3.0 | 8.0 | 5.5 |
| Wayne Mash Layer | 20.0 | 21.2 | 3.0 | 3.0 | 8.0 | 5.0 |
| Wayne Mash Layer | 20.0 | 21.2 | 3.0 | 3.0 | 7.0 | 5.7 |
| Wayne H-A-D Krums for Poultry | 20.0 | 22.0 | 3.5 | 3.8 | 4.0 | 2.7 |
| Wayne 24% Dairy Feed | 24.0 | 26.5 | 2.5 | 2.9 | 8.0 | 7.1 |
| Wayne 24% Dairy Feed | 24.0 | 26.5 | 2.5 | 2.8 | 8.0 | 7.4 |
| Wayne 16% Dairy Feed | 16.0 | 19.6 | 2.5 | 2.4 | 13.0 | 7.4 |
| Sugarine Special 16% Dairy Feed | 16.0 | 18.7 | 2.5 | 3.4 | 12.0 | 11.4 |
| Sugarine Special 16% Dairy Feed | 16.0 | 18.4 | 2.5 | 4.2 | 12.0 | 11.4 |
| ** Sugarine Special 16% Dairy Feed | 16.0 | 17.2 | 2.5 | 4.1 | 12.0 | 10.2 ** |
| Contained unground weed seeds | | | | | | |
| Wisconsin Topper Dairy Feed | 16.0 | 17.3 | 2.5 | 3.6 | 15.0 | 13.4 |
| Wayne Sugarine Mixing Feed | 17.0 | 20.4 | 1.0 | 4.1 | 10.0 | 9.3 |
| Sucrene Range Blox | 20.0 | 19.5 | 3.0 | 4.8 | 12.0 | 9.0 |
| Wayne Fitting Ration | 13.0 | 15.7 | 3.0 | 3.1 | 8.5 | 7.1 |
| Wayne Cotton Belt Mixing Feed | 15.0 | 20.2 | 3.0 | 4.2 | 10.0 | 7.2 |
| Wayne Calfnip (A Milk Replacer for Calves) | 23.0 | 23.1 | .5 | 1.4 | .2 | .3 |
| Wayne Calfnip (A Milk Replacer for Calves) | 23.0 | 23.9 | .5 | .9 | .2 | .3 |
| Wayne Tail Curler (For Pigs & Hogs) | 18.0 | 20.2 | 3.0 | 4.0 | 5.0 | 3.2 |
| Wayne Tail Curler (For Pigs & Hogs) | 18.0 | 20.7 | 3.0 | 4.0 | 5.0 | 3.7 |
| ANDERSON AND SPILMAN, DANVILLE, KENTUCKY | | | | | | |
| ** Snow Flake Feed | 12.5 | 14.3 | 3.5 | 3.1 | 8.0 | 5.1 ** |
| Contained mixed screenings | | | | | | |
| Snow Flake Feed | 12.5 | 13.1 | 3.5 | 3.3 | 8.0 | 5.1 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|--|---------|-------|-------|-------|-------|--------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| ANDREWS FEED MILLING COMPANY, RUSSELLVILLE, KENTUCKY | | | | | | |
| Farm-Beau 18% Egg Mash | 18.0 | 19.6 | 2.5 | 3.5 | 7.0 | 4.1 |
| APEX MILLING COMPANY, TOLEDO, OHIO | | | | | | |
| ** White Tag 24% Dairy Feed | 24.0 | 26.9 | 2.5 | 2.4 | 15.0 | 9.8 ** |
| Contained weed seeds, hulls and chaff | | | | | | |
| ARCADY FARMS MILLING COMPANY, CHICAGO, ILLINOIS | | | | | | |
| Arcady 26% Protein Game Bird Grower | 26.0 | 28.6 | 4.0 | 4.7 | 7.0 | 4.5 |
| Clipped Oat By-Product, Cottonseed Meal and 45% Cane Molasses | 9.0 | 10.3 | 1.0 | .8 | 12.0 | 8.7 |
| AUBREY AND COMPANY, LOUISVILLE, KENTUCKY | | | | | | |
| ** Sulfaquinoxaline in Red "A" H. E. | | | | | | |
| 20% Broiler Ration | 20.0 | 22.8 | 3.5 | 2.5 | 4.5 | 3.6 ** |
| Red "A" Special Broiler Mash | 23.0 | 24.4 | 3.0 | 4.2 | 6.0 | 4.8 |
| Red "A" 20% Breeder Mash | 20.0 | 20.6 | 3.5 | 3.7 | 8.0 | 6.7 |
| Red "A" 20% Breeder Mash | 20.0 | 22.7 | 3.5 | 4.0 | 8.0 | 6.5 |
| Red "A" 20% Laying Mash | 20.0 | 22.4 | 3.0 | 3.4 | 8.0 | 5.8 |
| Red "A" 20% Laying Mash | 20.0 | 21.8 | 3.0 | 3.0 | 8.0 | 6.0 |
| Red "A" 20% Laying Mash | 20.0 | 21.4 | 3.0 | 3.2 | 8.0 | 5.6 |
| Red "A" 20% Laying Mash | 20.0 | 21.7 | 3.0 | 3.6 | 8.0 | 5.6 |
| Red "A" 20% Laying Mash | 20.0 | 22.3 | 3.0 | 2.7 | 8.0 | 5.8 |
| ** Red "A" Poultry Scratch Feed | 8.0 | 9.2 | 2.5 | 2.6 | 5.0 | 1.8 ** |
| Contained unground corn cackle | | | | | | |
| Red "A" Poultry Scratch Feed | 8.0 | 9.1 | 2.5 | 2.6 | 5.0 | 2.0 |
| Red "A" Poultry Scratch Feed | 8.0 | 9.3 | 2.5 | 2.8 | 5.0 | 1.9 |
| Red "A" 32% Protein Dairy Supplement | 32.0 | 40.4 | 3.0 | 3.9 | 8.5 | 6.7 |
| Red "A" 32% Protein Dairy Supplement | 32.0 | 36.8 | 3.0 | 3.5 | 8.5 | 7.3 |
| Red "A" 32% Protein Dairy Supplement | 32.0 | 36.2 | 3.0 | 3.0 | 8.5 | 6.1 |
| Red "A" 32% Protein Dairy Supplement | 32.0 | 38.0 | 3.0 | 4.6 | 8.5 | 6.4 |
| Red "A" 32% Protein Dairy Supplement | 32.0 | 35.6 | 3.0 | 3.7 | 8.5 | 5.9 |
| Red "A" 24% Protein Dairy Feed | 24.0 | 30.1 | 3.0 | 4.6 | 10.0 | 8.4 |
| Red "A" 24% Protein Dairy Feed | 24.0 | 24.1 | 3.0 | 3.3 | 10.0 | 7.9 |
| Red "A" 24% Protein Dairy Feed | 24.0 | 26.3 | 3.0 | 4.2 | 10.0 | 7.6 |
| "Supreme Brand" 24% Protein Dairy Feed | 24.0 | 29.2 | 3.0 | 4.8 | 10.0 | 8.6 |
| Red "A" 20% Protein Dairy Feed | 20.0 | 24.9 | 3.0 | 3.6 | 10.0 | 7.1 |
| Red "A" 18% Protein Dairy Feed | 18.0 | 20.3 | 3.0 | 4.2 | 8.0 | 8.4 |
| Red "A" 16-1/2% Protein Dairy Feed | 16.5 | 21.6 | 3.0 | 4.8 | 10.0 | 8.9 |
| Red "A" 16-1/2% Protein Dairy Feed | 16.5 | 19.6 | 3.0 | 4.1 | 10.0 | 7.1 |
| Red "A" Calf Starter-Grower | 18.5 | 18.6 | 3.0 | 3.9 | 7.5 | 7.4 |
| Red "A" 16% Protein Sheep Feed | 16.0 | 16.6 | 2.5 | 3.1 | 11.0 | 8.1 |
| Red "A" 18% Protein Sow and Pig Feed | 18.0 | 19.7 | 3.0 | 3.8 | 6.0 | 5.0 |
| ** Red "A" 18% Protein Sow and Pig Feed | 18.0 | 21.3 | 3.0 | 3.1 | 6.0 | 7.0 ** |
| Red "A" 18% Protein Sow and Pig Feed | 18.0 | 19.0 | 3.0 | 4.0 | 6.0 | 5.2 |
| ** Red "A" 18% Protein Sow and Pig Feed | 18.0 | 20.8 | 3.0 | 3.2 | 6.0 | 7.2 ** |
| Red "A" 18% Protein Sow and Pig Feed | 18.0 | 19.5 | 3.0 | 3.7 | 6.0 | 4.3 |
| ** Red "A" 18% Protein Sow and Pig Feed | 18.0 | 21.3 | 3.0 | 2.9 | 6.0 | 6.8 ** |
| Red "A" Wheat Gray Shorts & Screenings | 15.0 | 17.5 | 3.5 | 4.2 | 6.0 | 5.8 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|--|---------|-------|-------|-------|-------|---------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| AUBREY AND COMPANY, LOUISVILLE, KENTUCKY (Cont'd) | | | | | | |
| ** Red "A" Wheat Gray Shorts & Screenings | 15.0 | 17.5 | 3.5 | 4.1 | 6.0 | 7.0 ** |
| ** Red "A" Wheat Gray Shorts & Screenings | 15.0 | 17.6 | 3.5 | 4.4 | 6.0 | 7.0 ** |
| ** Red "A" Wheat Gray Shorts & Screenings | 15.0 | 17.7 | 3.5 | 4.6 | 6.0 | 6.6 ** |
| Red "A" Wheat Gray Shorts & Screenings | 15.0 | 17.0 | 3.5 | 4.3 | 6.0 | 6.5 |
| ** Red "A" Wheat Gray Shorts & Screenings | 15.0 | 19.8 | 3.5 | 3.9 | 6.0 | 6.8 ** |
| Contained Soybean Oil Meal and Mixed Screenings | | | | | | |
| Soft Wheat Mixed Feed and Screenings | 16.0 | 16.5 | 3.5 | 3.8 | 9.5 | 6.8 |
| Hominy Meal | 10.0 | 10.3 | 5.0 | 5.8 | 6.0 | 3.6 |
| Hominy Meal | 10.0 | 10.4 | 5.0 | 5.4 | 6.0 | 3.3 |
| Aubrey's 44% Protein Solvent Soybean Oil Meal | 44.0 | 46.5 | .5 | .6 | 7.0 | 5.6 |
| AUBURN MILLS, AUBURN, KENTUCKY | | | | | | |
| Winter Wheat Gray Shorts with Screenings | 14.0 | 16.2 | 3.0 | 4.5 | 7.5 | 6.3 |
| AYLOR AND MEYER COMPANY, AURORA, INDIANA | | | | | | |
| ** Rainbow 18% Protein Egg Mash | 18.0 | 20.5 | 3.5 | 2.8 | 7.0 | 6.2 ** |
| Rainbow 16% Protein Dairy Feed | 16.0 | 16.6 | 3.0 | 2.9 | 10.0 | 7.3 |
| BAGDAD ROLLER MILLS, BAGDAD, KENTUCKY | | | | | | |
| Harrison's Nat-Ur-Way 18% Dairy Feed | 18.0 | 19.5 | 3.5 | 3.0 | 12.0 | 5.7 |
| Hominy Meal | 9.0 | 9.0 | 6.0 | 7.1 | 8.0 | 5.3 |
| BALTIC MILLS, VINCENNES, INDIANA | | | | | | |
| "Knox County" Hominy Feed | 10.0 | 10.9 | 7.0 | 8.0 | 6.0 | 4.3 |
| BARDSTOWN MILLS, BARDSTOWN, KENTUCKY | | | | | | |
| "Blue Ribbon" 20% Protein Laying Mash | 20.0 | 21.4 | 2.5 | 3.7 | 8.0 | 6.2 |
| "Blue Ribbon" 20% Protein Dairy Feed | 20.0 | 23.3 | 3.0 | 5.5 | 9.0 | 7.2 |
| "Blue Ribbon" 40% Protein Hog Supplement | 40.0 | 42.9 | 2.5 | 2.1 | 8.0 | 7.5 |
| BAUGHMAN MILLING COMPANY, STANFORD, KENTUCKY | | | | | | |
| ** "Banner Brand" 24% Protein Dairy Feed | 24.0 | 25.5 | 4.0 | 2.7 | 10.0 | 6.5 ** |
| Contained mixed screenings | | | | | | |
| ** Banner Mixed Feed | 11.0 | 12.3 | 3.5 | 5.6 | 11.0 | 6.6 ** |
| Contained mixed screenings | | | | | | |
| Banner Mixed Feed | 11.0 | 12.8 | 3.5 | 4.0 | 11.0 | 5.8 |
| BEAVER DAM MILLING COMPANY, BEAVER DAM, KENTUCKY | | | | | | |
| Snow Drift 19% Protein Laying Mash | 19.0 | 20.7 | 3.0 | 3.9 | 7.5 | 5.2 |
| Eureka 20% Laying Mash | 20.0 | 20.6 | 3.0 | 4.6 | 6.5 | 6.9 |
| Eureka 24% Dairy Feed | 24.0 | 24.4 | 3.0 | 4.0 | 10.0 | 9.4 |
| ** "Eureka Brand" 16% Protein Dairy Feed | 16.0 | 17.3 | 3.5 | 2.3 | 12.5 | 8.5 ** |
| ** "Eureka Brand" 16% Protein Dairy Feed | 16.0 | 18.4 | 3.0 | 2.4 | 12.5 | 8.6 && |
| "Eureka Brand" 16% Protein Dairy Feed | 16.0 | 16.8 | 3.0 | 2.8 | 12.5 | 11.0 ** |
| Eureka Special 16% Dairy Feed | 16.0 | 19.9 | 3.0 | 3.6 | 10.0 | 5.8 |
| Sweet Miss 16% Dairy Feed | 16.0 | 17.3 | 2.5 | 3.4 | 15.0 | 10.4 |
| Eureka 90% Grain Horse & Mule Feed | 9.0 | 9.5 | 2.0 | 3.4 | 15.0 | 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.

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|---|---------|-------------|-------|-------|-------|---------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| BEAVER DAM MILLING COMPANY, BEAVER DAM, KENTUCKY (Cont'd) | | | | | | |
| ** Eureka 40% Protein Hog Supplement | 40.0 | <u>39.4</u> | 3.5 | 4.2 | 6.0 | 7.0 ** |
| Eureka 16% Protein Pig & Hog Ration | 16.0 | 16.1 | 3.0 | 3.6 | 6.0 | 6.5 |
| BIG FOUR MILLS, COVINGTON, KENTUCKY | | | | | | |
| Big Four 20% Protein Laying Mash | 20.0 | 21.1 | 3.0 | 3.6 | 7.0 | 7.1 |
| Hi-Lo 20% Protein Laying Mash | 20.0 | 21.6 | 2.5 | 3.4 | 8.0 | 8.1 |
| Hi-Lo 20% Protein Laying Mash | 20.0 | 20.5 | 2.5 | 3.0 | 8.0 | 8.2 |
| Big Four 24% Dairy Feed | 24.0 | 26.7 | 3.0 | 2.8 | 12.0 | 9.9 |
| Kentucky Hi-Lo 24% Dairy Feed | 24.0 | 25.7 | 2.5 | 3.6 | 12.0 | 11.2 |
| "O. K. Brand" 24% Protein Dairy Feed | 24.0 | 23.9 | 2.5 | 3.8 | 15.0 | 11.4 |
| "O. K. Brand" 16% Protein Dairy Feed | 16.0 | 16.5 | 2.5 | 3.8 | 15.0 | 11.0 |
| "O. K. Brand" 16% Protein Dairy Feed | 16.0 | 17.4 | 2.5 | 3.7 | 15.0 | 13.0 |
| ** "O. K. Brand" 16% Protein Dairy Feed | 16.0 | <u>15.2</u> | 2.5 | 2.8 | 15.0 | 12.6 ** |
| Big Four 20% Protein Hog Feed | 20.0 | <u>21.7</u> | 3.0 | 3.1 | 8.0 | 6.0 |
| THE BLAIR MILLING COMPANY, ATCHISON, KANSAS | | | | | | |
| Wheat Gray Shorts with Screenings | 16.0 | 16.5 | 3.5 | 3.8 | 6.0 | 5.9 |
| BLUE BIRD FEED MILLS, SOMERSET, KENTUCKY | | | | | | |
| "Blue Bird Brand" 20% Protein Laying Mash | 20.0 | 21.3 | 3.5 | 4.6 | 7.0 | 6.0 |
| BOYLE PACKING COMPANY, DANVILLE, KENTUCKY | | | | | | |
| ** Pride of Boyle Tankage | 50.0 | <u>46.5</u> | 10.0 | 18.1 | 2.5 | 2.3 ** |
| Very much below guarantee in protein | | | | | | |
| THE BRODE CORPORATION, MEMPHIS, TENNESSEE | | | | | | |
| ** "Owl Brand" 41% Protein Cottonseed Meal | 41.0 | <u>40.0</u> | 5.0 | 5.4 | 12.0 | 11.9 ** |
| "Owl Brand" 41% Protein Cottonseed Meal | 41.0 | 40.5 | 5.0 | 6.4 | 12.0 | 11.5 |
| ** "Owl Brand" 41% Protein Cottonseed Meal | 41.0 | <u>39.8</u> | 5.0 | 5.1 | 12.0 | 12.4 ** |
| ** "Owl Brand" 41% Protein Cottonseed Meal | 41.0 | <u>40.0</u> | 5.0 | 5.9 | 12.0 | 11.6 ** |
| "Owl Brand" 41% Protein Cottonseed Meal | 41.0 | 43.0 | 5.0 | 4.9 | 12.0 | 10.0 |
| "Owl Brand" 41% Protein Cottonseed Meal | 41.0 | 40.9 | 5.0 | 5.2 | 12.0 | 11.1 |
| "Owl Brand" 41% Protein Cottonseed Meal | 41.0 | 40.7 | 5.0 | 4.6 | 12.0 | 10.0 |
| BROWDER MILLING COMPANY, FULTON, KENTUCKY | | | | | | |
| Biddie's Choice Laying Mash | 20.0 | 19.9 | 2.5 | 4.1 | 8.0 | 5.3 |
| "Browder's" Pig and Sow Feed | 16.5 | 16.5 | 3.0 | 3.7 | 6.0 | 3.8 |
| BUCKEYE COTTON OIL COMPANY, CINCINNATI, OHIO | | | | | | |
| Buckeye 44% Protein Solvent Extracted Soybean Oil Meal | 44.0 | 48.1 | .5 | .5 | 7.0 | 5.6 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|---|---------|-------------|-------|------------|-------|---------------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| BUCKEYE COTTON OIL COMPANY, CINCINNATI, OHIO (Cont'd) | | | | | | |
| Buckeye 44% Protein Solvent Extracted Soybean Oil Meal | 44.0 | 48.6 | .5 | .5 | 7.0 | 5.4 |
| BUHNER AND COMPANY, LOUISVILLE, KENTUCKY | | | | | | |
| Happy Farmer 21% Protein Breeder Mash | 21.0 | 22.5 | 2.5 | 4.4 | 8.0 | 6.5 |
| "Happy Farmer Egg Pusher Brand" 20% Protein Laying Mash (Pellet Form) | 20.0 | 21.1 | 2.5 | 3.4 | 8.0 | 6.5 |
| Happy Farmer 20% Protein Laying Mash | 20.0 | 20.8 | 2.5 | 3.8 | 8.0 | 6.5 |
| Happy Farmer 20% Protein Laying Mash | 20.0 | 21.7 | 2.5 | 3.8 | 8.0 | 6.6 |
| Farm Joy 20% Protein Laying Mash | 20.0 | 20.8 | 2.5 | 4.2 | 8.0 | 7.4 |
| Farm Joy 20% Protein Laying Mash | 20.0 | 21.3 | 2.5 | 3.7 | 8.0 | 7.3 |
| Farm Joy 20% Protein Laying Mash | 20.0 | 20.7 | 2.5 | 4.1 | 8.0 | 6.5 |
| Happy Farmer 16% Dairy Feed | 16.0 | 17.3 | 2.5 | 3.5 | 8.0 | 7.3 |
| Magnolia Sweet 16% Dairy Feed | 16.0 | 17.1 | 2.5 | 4.0 | 15.0 | 11.9 |
| Magnolia Sweet 16% Dairy Feed | 16.0 | 16.4 | 2.5 | 3.6 | 15.0 | 12.1 |
| Magnolia Sweet 16% Dairy Feed | 16.0 | 16.9 | 2.5 | 3.9 | 15.0 | 12.1 |
| Happy Farmer 16% Rabbit Pellets | 16.0 | 16.7 | 2.5 | 3.9 | 14.0 | 13.5 |
| Happy Farmer Wheat Gray Shorts and Screenings | 14.0 | 15.4 | 4.0 | 3.8 | 6.0 | 4.8 |
| Buhner's Special Brand Wheat Bran and Screenings | 14.0 | 16.5 | 3.5 | 4.2 | 11.0 | 10.1 |
| Buhner's 41% Protein Cottonseed Meal | 41.0 | 41.1 | 5.0 | 6.9 | 12.0 | 11.7 |
| Buhner's 41% Protein Cottonseed Meal | 41.0 | 43.0 | 5.0 | 5.5 | 12.0 | 10.0 |
| Buhner's 41% Protein Cottonseed Meal | 41.0 | 41.6 | 5.0 | 7.0 | 12.0 | 10.7 |
| BUNDY BROTHERS MILL COMPANY, MEDORA, INDIANA | | | | | | |
| ** Medora 20% Protein Laying Mash | 20.0 | 22.1 | 4.5 | <u>3.9</u> | 7.0 | 6.2 ** |
| "Monarch" 18% Protein Laying Mash | 18.0 | 18.8 | 4.0 | 4.8 | 7.0 | 5.5 |
| ** Medora 19% Protein Pig and Sow Feed | 19.0 | 19.0 | 4.0 | 4.5 | 6.0 | <u>7.0</u> ** |
| BUTT'S MILLING COMPANY, FULTON, KENTUCKY | | | | | | |
| "Butt's Special Brand" 16% Protein Dairy Feed | 16.0 | 17.2 | 2.5 | 2.1 | 15.0 | 12.1 |
| "Butt's Super Brand" Hog Feed | 16.0 | 18.2 | 3.0 | 3.1 | 8.0 | 4.1 |
| CADIZ MILLING COMPANY, CADIZ, KENTUCKY | | | | | | |
| ** Sunbeam 24% Dairy Feed | 24.0 | 24.9 | 3.5 | <u>2.8</u> | 12.0 | 7.8 ** |
| ** Sunbeam 24% Dairy Feed | 24.0 | <u>22.5</u> | 3.5 | <u>2.5</u> | 12.0 | 6.1 ** |
| ** Sunbeam 40% Hog Supplement | 40.0 | <u>38.2</u> | 5.0 | <u>3.3</u> | 8.0 | 8.9 ** |
| ** Sunbeam 40% Hog Supplement | 40.0 | <u>42.7</u> | 5.0 | <u>4.1</u> | 8.0 | 7.9 ** |
| ** Hominy Feed | 10.0 | 9.8 | 5.5 | <u>4.7</u> | 5.5 | 4.3 ** |
| CANEYVILLE ROLLER MILLS, CANEYVILLE, KENTUCKY | | | | | | |
| Kentucky Farm 20% Starting and Growing Mash | 20.0 | 20.0 | 3.5 | 3.5 | 6.5 | 4.3 |
| Kentucky Farm 20% Protein Layer and Breeder Mash | 20.0 | 20.4 | 3.0 | 3.8 | 7.0 | 4.5 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|---|---------|-------|-------|-------|-------|--------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| CANEYVILLE ROLLER MILL, CANEYVILLE, KENTUCKY (Cont'd) | | | | | | |
| ** "Kentucky Farm Brand" 24% Dairy Feed | 24.0 | 20.3 | 3.0 | 3.7 | 12.0 | 6.3 ** |
| Very much below guarantee in protein | | | | | | |
| "Kentucky Farm Brand" 16% Dairy Feed | 16.0 | 18.2 | 3.0 | 4.0 | 15.0 | 7.2 |
| Kentucky Farm 40% Protein Hog Supplement | 40.0 | 45.4 | 3.5 | 3.5 | 7.0 | 5.7 |
| Kentucky Farm 20% Pig and Sow Ration | 20.0 | 22.0 | 3.0 | 3.3 | 6.0 | 5.9 |
| C. W. CANN, CLARKSON, KENTUCKY | | | | | | |
| Cann's Hog Feed (Fattening) | 14.0 | 18.1 | 2.5 | 4.3 | 8.0 | 8.2 |
| CHESTNUT AND ANDERSON FEED MILL COMPANY, HOPKINSVILLE, KENTUCKY | | | | | | |
| ** "Little River" Roughage Beef Supplement "A" | 32.0 | 34.8 | 1.0 | 3.3 | 7.0 | 7.8 ** |
| "Little River" 40% Dairy Supplement | 40.0 | 40.8 | 1.0 | 3.2 | 9.0 | 7.5 |
| THE CINCINNATI GRAIN AND HAY COMPANY, CINCINNATI, OHIO | | | | | | |
| "No Better Brand" 16% Protein Sweet Dairy Feed | 16.0 | 16.4 | 3.0 | 3.8 | 11.0 | 8.3 |
| Hominy Feed | 10.0 | 11.4 | 7.0 | 7.6 | 6.0 | 4.4 |
| Brewers Dried Grains with Blackstrap Molasses | 22.0 | 23.2 | 5.0 | 5.0 | 14.0 | 12.1 |
| CLIFTY FALLS MILLS, MADISON, INDIANA | | | | | | |
| Clifty Falls 20% Protein Egg Mash | 20.0 | 20.2 | 3.0 | 4.1 | 7.0 | 7.0 |
| Clifty Falls 20% Protein Egg Mash | 20.0 | 22.1 | 3.0 | 4.8 | 7.0 | 6.7 |
| ** Clifty Falls 24% Protein Dairy Feed | 24.0 | 26.7 | 3.0 | 2.0 | 10.0 | 7.6 ** |
| Clifty Falls 24% Protein Cow Feed | 24.0 | 26.5 | 2.5 | 2.0 | 10.0 | 6.8 |
| Clifty Falls 24% Protein Cow Feed | 24.0 | 25.2 | 2.5 | 2.1 | 10.0 | 6.4 |
| Clifty Falls 24% Protein Cow Feed | 24.0 | 25.5 | 2.5 | 2.0 | 10.0 | 7.0 |
| Clifty Falls 24% Protein Cow Feed | 24.0 | 26.7 | 2.5 | 2.3 | 10.0 | 7.7 |
| Clifty Falls 24% Protein Cow Feed | 24.0 | 28.6 | 2.5 | 2.0 | 10.0 | 6.9 |
| Clifty Falls 20% Protein Dairy Feed | 20.0 | 23.6 | 3.0 | 3.4 | 12.0 | 8.2 |
| ** Clifty Falls 20% Protein Dairy Feed | 20.0 | 21.9 | 3.0 | 2.6 | 12.0 | 7.9 ** |
| Contained corn cob | | | | | | |
| Green Pasture 16% Protein Dairy Feed | 16.0 | 18.5 | 2.5 | 2.6 | 10.0 | 8.8 |
| Green Pasture 16% Protein Dairy Feed | 16.0 | 18.1 | 2.5 | 2.9 | 10.0 | 8.6 |
| Clifty Falls 16% Protein Cow Feed | 16.0 | 19.0 | 3.0 | 3.0 | 15.0 | 9.2 |
| Clifty Falls 14% Protein Stock Feed | 14.0 | 16.2 | 3.0 | 3.3 | 15.0 | 8.4 |
| Clifty Falls 14% Protein Stock Feed | 14.0 | 15.0 | 3.0 | 2.7 | 15.0 | 9.0 |
| ** Clifty Falls Stock Feed | 15.0 | 17.6 | 3.0 | 4.1 | 9.0 | 9.5 ** |
| Contained mixed screenings | | | | | | |
| Clifty Falls Cracked Corn | 9.0 | 9.2 | 3.0 | 3.7 | 3.5 | 1.7 |
| CLINTON MILLING COMPANY, CLINTON, KENTUCKY | | | | | | |
| Climco 16% Dairy Feed | 16.0 | 18.8 | 3.0 | 3.9 | 13.0 | 6.8 |
| GLELL COLEMAN AND SONS, BURGIN, KENTUCKY | | | | | | |
| Coleman's Pig and Hog Feed | 16.5 | 16.3 | 3.5 | 4.3 | 6.0 | 5.7 |
| Big Blue Stock Feed | 16.5 | 17.1 | 3.5 | 3.8 | 6.5 | 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.

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|---|---------|-------|-------|-------|-------|---------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| CLELL COLEMAN AND SONS, BURGIN, KENTUCKY (Cont'd) | | | | | | |
| Big Blue Stock Feed | 16.5 | 16.7 | 3.5 | 4.2 | 6.5 | 5.9 |
| Coleman's Favorite Feed | 15.0 | 15.3 | 3.5 | 4.0 | 8.5 | 6.5 |
| Wheat Mixed Feed | 13.0 | 12.8 | 3.5 | 4.0 | 9.0 | 5.7 |
| THE COLORADO MILLING AND ELEVATOR COMPANY, DENVER, COLORADO | | | | | | |
| Wheat Gray Shorts and Screenings | 16.0 | 16.4 | 3.5 | 4.3 | 6.0 | 5.3 |
| COMMUNITY MILLS, BELTON, KENTUCKY | | | | | | |
| Johnson's Scratch Feed | 8.0 | 8.9 | 2.0 | 3.4 | 7.0 | 2.9 |
| COMMUNITY MILLS, IRVINGTON, KENTUCKY | | | | | | |
| ** "Our Pride" 20% Protein Laying Mash | 20.0 | 18.5 | 3.0 | 3.3 | 7.5 | 7.0 ** |
| "Our Pride" 32% Dairy Supplement | 32.0 | 34.3 | 3.0 | 2.6 | 9.0 | 5.8 |
| ** "Our Pride" 20% Dairy Feed | 20.0 | 18.3 | 3.0 | 2.2 | 15.0 | 9.5 ** |
| ** "Our Pride" 16% Dairy Feed | 16.0 | 17.7 | 3.0 | 2.3 | 15.0 | 13.8 ** |
| ** "Our Pride" 16% Dairy Feed | 16.0 | 16.6 | 3.0 | 2.0 | 15.0 | 12.4 ** |
| COOPERATIVE MILLS, INC., CINCINNATI, OHIO | | | | | | |
| Broiler Aid | 22.0 | 22.9 | 3.0 | 2.8 | 5.0 | 4.1 |
| Nitrophenide-Arsanilic Acid in Broiler Maker | 22.0 | 23.1 | 3.0 | 3.7 | 5.0 | 4.7 |
| Broiler Maker | 22.0 | 22.6 | 3.0 | 3.2 | 5.0 | 4.0 |
| Super Breeding Mash | 20.0 | 22.2 | 3.0 | 3.9 | 8.0 | 6.1 |
| Super Breeding Mash | 20.0 | 21.0 | 3.0 | 3.7 | 8.0 | 5.9 |
| Egg Maker | 20.0 | 21.4 | 3.0 | 5.0 | 8.0 | 5.1 |
| Egg Maker | 20.0 | 20.1 | 3.0 | 2.9 | 8.0 | 5.5 |
| Super Laying Mash | 20.0 | 20.8 | 3.0 | 3.4 | 8.0 | 5.8 |
| Super Laying Mash | 20.0 | 21.6 | 3.0 | 3.2 | 8.0 | 5.2 |
| Coarse Scratch | 10.0 | 10.3 | 2.0 | 2.5 | 5.0 | 3.7 |
| Milk Maker Brand 32% Dairy Supplement | 32.0 | 34.8 | 3.0 | 4.7 | 10.0 | 7.0 |
| Milk Maker Brand 24% Dairy Feed | 24.0 | 26.6 | 3.5 | 3.8 | 10.0 | 7.3 |
| Milk Maker Brand 20% Dairy Feed | 20.0 | 21.8 | 3.5 | 3.5 | 10.0 | 8.1 |
| 20% Dari-Flo (Coarse Texture) | 20.0 | 21.8 | 3.5 | 4.1 | 10.0 | 7.7 |
| 20% Draught Emergency Dairy | 20.0 | 24.3 | 3.0 | 4.4 | 10.0 | 8.4 |
| 20% Drought Emergency Dairy | 20.0 | 23.2 | 3.0 | 3.7 | 10.0 | 8.0 |
| 20% Drought Emergency Dairy | 20.0 | 22.7 | 3.0 | 3.9 | 10.0 | 7.7 |
| Milk Maker Brand 16% Dairy Feed | 16.0 | 20.4 | 3.5 | 4.8 | 10.0 | 8.4 |
| Milk Maker Brand 16% Dairy Feed | 16.0 | 19.7 | 3.5 | 4.3 | 10.0 | 8.1 |
| 16% Dari-Flo | 16.0 | 18.8 | 3.5 | 3.7 | 10.0 | 7.7 |
| 16% Dari-Flo | 16.0 | 18.1 | 3.5 | 3.9 | 10.0 | 7.8 |
| 16% Pasture Dairy | 16.0 | 20.5 | 3.0 | 4.2 | 11.0 | 10.0 |
| 16% Utility Dairy | 16.0 | 18.5 | 3.0 | 3.6 | 15.0 | 13.4 |
| 16% Utility Dairy | 16.0 | 16.2 | 3.0 | 3.5 | 15.0 | 12.3 |
| 16% Utility Dairy | 16.0 | 19.5 | 3.0 | 3.2 | 15.0 | 13.2 |
| 16% Utility Dairy | 16.0 | 20.1 | 3.0 | 2.8 | 15.0 | 14.0 |
| Fitting Feed | 13.0 | 14.0 | 3.5 | 4.0 | 10.0 | 6.9 |
| Fitting Feed | 13.0 | 14.8 | 3.5 | 4.1 | 10.0 | 7.2 |
| 18% Protein Calf Starter | 18.0 | 20.6 | 4.0 | 3.8 | 8.0 | 7.4 |
| 18% Protein Calf Starter | 18.0 | 20.0 | 4.0 | 3.9 | 8.0 | 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.

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|--|---------|-------|-------|-------|-------|--------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| COOPERATIVE MILLS, INC., CINCINNATI, OHIO (Cont'd) | | | | | | |
| Sweet Stock Feed | 9.0 | 11.7 | 2.5 | 3.5 | 9.0 | 4.9 |
| Sweet Stock Feed | 9.0 | 11.8 | 2.5 | 3.4 | 9.0 | 5.0 |
| 20% Pig and Sow Feed (Hogs not on pasture) | 20.0 | 21.5 | 3.5 | 3.5 | 6.0 | 5.2 |
| 20% Pig and Sow Feed (Hogs not on pasture) | 20.0 | 21.1 | 3.5 | 4.0 | 6.0 | 5.0 |
| 20% Pig and Sow Feed (Hogs not on pasture) | 20.0 | 22.3 | 3.5 | 3.7 | 6.0 | 4.7 |
| 15% Pork Maker | 15.0 | 16.4 | 3.5 | 3.6 | 8.0 | 4.6 |
| 15% Pork Maker | 15.0 | 16.1 | 3.5 | 3.9 | 8.0 | 4.5 |
| 15% Pork Maker | 15.0 | 15.9 | 3.5 | 3.8 | 8.0 | 4.8 |
| 15% Pork Maker | 15.0 | 17.2 | 3.5 | 3.8 | 8.0 | 4.9 |
| 15% Pork Maker | 15.0 | 16.2 | 3.5 | 3.9 | 8.0 | 5.0 |
| ** Wheat Flour Middlings with Ground Wheat Screenings | 15.0 | 16.6 | 4.0 | 4.5 | 6.0 | 7.3 ** |
| Contained mixed screenings | | | | | | |
| 34% Linseed Oil Meal (Expeller) | 34.0 | 36.1 | 3.5 | 4.0 | 9.5 | 8.5 |
| 41% Protein Cottonseed Meal | 41.0 | 42.1 | 5.0 | 4.5 | 13.0 | 9.9 |
| CRESCENT ROLLER MILLS, TAYLORSVILLE, KENTUCKY | | | | | | |
| Special Mix 16% Dairy | 16.0 | 16.5 | 3.0 | 2.9 | 10.0 | 6.4 |
| Crescent Stock Feed | 14.0 | 14.2 | 3.0 | 3.9 | 6.0 | 3.7 |
| CRITTENDEN MILLING COMPANY, MARION, KENTUCKY | | | | | | |
| 15% Protein All Mash Poultry Ration | 15.0 | 17.8 | 3.0 | 4.1 | 6.0 | 4.5 |
| CUSTOM FEED MILLS, MORGANFIELD, KENTUCKY | | | | | | |
| "Custom Maid" 32% Protein Poultry Concentrate | 32.0 | 36.2 | 3.0 | 3.5 | 7.0 | 7.2 |
| ** "Custom Maid" 32% Beef Finisher | 32.0 | 29.5 | .5 | 1.9 | 9.0 | 7.3 ** |
| Very much below guarantee in protein | | | | | | |
| "Custom Maid" 35% Hog Supplement (Dry Lot) | 35.0 | 37.5 | 3.0 | 4.5 | 10.0 | 7.3 |
| DEARBORN MILLS, AURORA, INDIANA | | | | | | |
| Dearborn 20% Layer | 20.0 | 21.4 | 3.0 | 3.8 | 5.5 | 5.0 |
| "Success Brand" 20% Laying Mash | 20.0 | 22.0 | 3.0 | 4.7 | 8.0 | 7.0 |
| Dearborn 32% Protein Cattle Supplement | 32.0 | 36.6 | 1.0 | 2.0 | 6.0 | 5.1 |
| Dearborn Sweet 24% Dairy | 24.0 | 25.5 | 2.5 | 3.9 | 12.5 | 8.0 |
| Dearborn Sweet 20% Dairy | 20.0 | 21.6 | 2.5 | 3.0 | 12.5 | 9.6 |
| Dearborn 20% Dairy Feed | 20.0 | 22.8 | 2.5 | 2.7 | 13.5 | 8.1 |
| Dearborn 20% Dairy Feed | 20.0 | 22.8 | 2.5 | 2.4 | 13.5 | 8.4 |
| Dearborn 16% Dairy Feed | 16.0 | 16.3 | 2.5 | 2.9 | 9.5 | 8.8 |
| Dearborn 16% Dairy Feed | 16.0 | 17.7 | 2.5 | 3.9 | 15.0 | 9.1 |
| Dearborn 16% Protein Pig and Hog Ration | 16.0 | 17.0 | 3.0 | 4.6 | 6.0 | 5.4 |
| DECATUR SOY PRODUCTS COMPANY, DECATUR, ILLINOIS | | | | | | |
| "Illini Brand" 41% Protein Soybean Oil Meal | 41.0 | 42.8 | 4.0 | 6.4 | 7.0 | 5.9 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|---|---------|-------|-------|-------|-------|---------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| DECATUR SOY PRODUCTS COMPANY, DECATUR, ILLINOIS (Cont'd) | | | | | | |
| "Illini Brand" 41% Protein Soybean Oil Meal | 41.0 | 45.0 | 4.0 | 5.1 | 7.0 | 6.8 |
| W. C. DICKEN, MENTOR, KENTUCKY | | | | | | |
| "Sunny Grain Brand" 20% Protein Laying Mash | 20.0 | 21.6 | 3.0 | 3.5 | 7.0 | 5.7 |
| ** "Sunny Grain Brand" 28% Dairy Supplement | 28.0 | 27.2 | 3.5 | 4.9 | 10.0 | 10.0 ** |
| "Sunny Grain Brand" 20% Dairy Feed | 20.0 | 20.6 | 3.5 | 5.0 | 9.0 | 7.6 |
| DIXIE MILLS COMPANY, EAST ST. LOUIS, ILLINOIS | | | | | | |
| Dixie Egg Mash | 18.0 | 19.3 | 3.5 | 4.7 | 8.0 | 7.5 |
| Dixie Hen Feed | 9.0 | 10.0 | 3.0 | 3.4 | 5.0 | 2.3 |
| Dixie Fitting Feed | 13.0 | 15.4 | 3.0 | 3.5 | 12.0 | 8.1 |
| DUNCAN-HUGHES AND COMPANY, LAGRANGE, KENTUCKY | | | | | | |
| ** "Dairymaid" 32% Protein Dairy Feed Supplement | 32.0 | 34.1 | 3.0 | 2.3 | 10.0 | 7.3 ** |
| "Dairymaid" 24% Protein Dairy Feed | 24.0 | 26.1 | 3.5 | 3.3 | 11.0 | 8.7 |
| "Dairymaid" 16% Protein Dairy Feed | 16.0 | 17.6 | 3.5 | 3.6 | 9.0 | 6.3 |
| DYERSBURG OIL MILL COMPANY, DYERSBURG, TENNESSEE | | | | | | |
| Dyersburg Oil Mill 41% Protein Cottonseed Meal | 41.0 | 41.5 | 3.0 | 4.3 | 14.0 | 10.3 |
| Dyersburg Oil Mill 41% Protein Cottonseed Meal | 41.0 | 41.8 | 3.0 | 4.8 | 14.0 | 9.9 |
| THE EARLY AND DANIEL COMPANY, CINCINNATI, OHIO | | | | | | |
| ** Nitrofurazone & 3-Nitro-4-Hydroxyphenylarsonic Acid in Tuxedo Broiler Starting Mash | 24.0 | 22.7 | 3.0 | 4.2 | 5.5 | 4.2 ** |
| Nitrofurazone & 3-Nitro-4-Hydroxyphenylarsonic Acid in Tuxedo Broiler Mash | 20.0 | 21.0 | 3.0 | 4.6 | 5.5 | 4.9 |
| Tuxedo Breeder Mash | 20.0 | 20.6 | 3.0 | 4.4 | 7.5 | 6.2 |
| Tuxedo Egg Mash | 20.0 | 21.3 | 3.0 | 4.3 | 8.0 | 7.8 |
| Tuxedo Special Egg Mash | 20.0 | 21.6 | 3.0 | 4.6 | 8.0 | 7.2 |
| Tuxedo Special Egg Mash | 20.0 | 21.8 | 3.0 | 4.3 | 8.0 | 7.3 |
| Tuxedo Special Egg Mash | 20.0 | 22.8 | 3.0 | 4.4 | 8.0 | 8.3 |
| Tuxedo Special Egg Mash | 20.0 | 22.3 | 3.0 | 4.4 | 8.0 | 6.8 |
| Tuxedo Special Egg Mash | 20.0 | 21.7 | 3.0 | 4.6 | 8.0 | 7.9 |
| Eadan Egg Mash | 20.0 | 21.3 | 3.0 | 3.0 | 8.0 | 8.2 |
| Tuxedo Complete Egg Ration | 16.0 | 16.0 | 3.0 | 4.5 | 5.5 | 5.0 |
| Tuxedo Chick Scratch Feed | 9.0 | 10.0 | 2.0 | 3.1 | 3.5 | 1.6 |
| Tuxedo Scratch Feed | 9.0 | 9.9 | 2.5 | 2.6 | 4.0 | 3.3 |
| ** Tuxedo Scratch Feed Contained unground weed seeds | 9.0 | 9.9 | 2.5 | 2.6 | 4.0 | 3.3 ** |
| ** Tuxedo Scratch Feed Contained unground weed seeds | 9.0 | 9.8 | 2.5 | 2.4 | 4.0 | 3.4 ** |
| Tuxedo 33% Dairy Supplement | 33.0 | 33.8 | 2.0 | 3.8 | 8.5 | 7.3 |
| Tuxedo 33% Dairy Supplement | 33.0 | 34.9 | 2.0 | 3.7 | 8.5 | 6.4 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|---|---------|-------|-------|-------|-------|---------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| THE EARLY AND DANIEL COMPANY, CINCINNATI, OHIO (Cont'd) | | | | | | |
| Tuxedo 24% Dairy Feed | 24.0 | 25.6 | 3.0 | 3.8 | 9.0 | 7.0 |
| Tuxedo 24% Dairy Feed | 24.0 | 24.2 | 3.0 | 4.5 | 9.0 | 8.2 |
| Tuxedo 24% Dairy Feed | 24.0 | 25.3 | 3.0 | 4.4 | 9.0 | 7.8 |
| Tuxedo Special 24% Dairy Feed | 24.0 | 26.0 | 3.0 | 3.4 | 12.0 | 10.3 |
| ** Tuxedo Special 24% Dairy Feed | 24.0 | 23.3 | 3.0 | 3.5 | 12.0 | 10.9 ** |
| Tuxedo Special 24% Dairy Feed | 24.0 | 26.8 | 3.0 | 4.1 | 12.0 | 9.5 |
| Tuxedo Special 24% Dairy Feed | 24.0 | 24.5 | 3.0 | 3.0 | 12.0 | 10.6 |
| Eadan 24% Dairy Feed | 24.0 | 26.9 | 3.0 | 4.0 | 12.0 | 11.5 |
| Eadan 24% Dairy Feed | 24.0 | 26.2 | 3.0 | 4.7 | 12.0 | 11.0 |
| Tuxedo 20% Dairy Feed | 20.0 | 21.9 | 3.0 | 5.1 | 9.5 | 7.6 |
| Tuxedo 20% Dairy Feed | 20.0 | 22.6 | 3.0 | 3.6 | 9.5 | 8.0 |
| Tuxedo 16% Dairy | 16.0 | 20.2 | 3.0 | 4.2 | 15.0 | 13.2 |
| Tuxedo 16% Dairy | 16.0 | 18.8 | 3.0 | 3.7 | 15.0 | 13.6 |
| Tuxedo 16% Dairy | 16.0 | 18.9 | 3.0 | 4.3 | 15.0 | 13.3 |
| Tuxedo 16% Dairy (with pellets) | 16.0 | 19.6 | 3.0 | 3.7 | 15.0 | 12.3 |
| Tuxedo Chop (For Fitting Livestock) | 9.0 | 11.7 | 3.0 | 3.6 | 10.0 | 8.6 |
| Tuxedo Bulky Rabbit Ration (Pellets) | 15.0 | 16.7 | 2.7 | 4.7 | 15.0 | 11.1 |
| Tuxedo Pig and Sow Meal | 16.0 | 19.6 | 3.0 | 6.0 | 6.0 | 6.1 |
| Tuxedo Pig and Sow Meal | 16.0 | 18.8 | 3.0 | 4.9 | 6.0 | 6.2 |
| Tuxedo Porkmaker | 14.0 | 17.1 | 3.0 | 5.1 | 8.0 | 7.1 |
| "Tux Sweet Rolls Brand" 45% Ground Mixed Screenings, Molasses, Cottonseed Meal and Minerals | 11.0 | 13.8 | 1.5 | 1.4 | 9.0 | 7.6 |
| Tuxedo 41% Cottonseed Meal | 41.0 | 41.8 | 5.0 | 6.5 | 11.0 | 11.0 |
| 44% Protein Solvent Extracted Soybean Oil Meal | 44.0 | 44.9 | .5 | .1 | 7.0 | 6.3 |
| Tuxedo Brewers Dried Grains and Molasses | 22.0 | 24.4 | 5.0 | 5.7 | 14.0 | 13.4 |
| ** Ground Oats | 11.0 | 11.8 | 4.5 | 3.7 | 11.5 | 11.5 ** |
| Ground Oats | 11.0 | 12.2 | 4.5 | 4.2 | 11.5 | 9.9 |
| Tuxedo Brewers Dried Grains and Molasses | 22.0 | 26.9 | 5.0 | 6.0 | 14.0 | 11.4 |
| THE F. L. EMMERT COMPANY, CINCINNATI, OHIO | | | | | | |
| "Molasso-Malt Brand" 22% Protein Dried Brewers Grains and Molasses | 22.0 | 21.9 | 5.0 | 5.1 | 14.0 | 11.5 |
| "Molasso-Malt Brand" 22% Protein Dried Brewers Grains and Molasses | 22.0 | 23.9 | 5.0 | 5.2 | 14.0 | 12.0 |
| JOHN W. ESHELMAN AND SONS, LANCASTER, PENNSYLVANIA | | | | | | |
| Eshelman Red Rose 30% Cattle Supplement (For Cattle, Sheep and Goats only) | 30.0 | 29.8 | 3.5 | 3.1 | 9.5 | 6.5 |
| Eshelman Red Rose 24% Protein Dairy Feed | 24.0 | 26.3 | 3.0 | 2.9 | 9.5 | 7.6 |
| Eshelman Pennsy 16% Protein Dairy Feed | 16.0 | 17.9 | 3.0 | 3.4 | 12.0 | 10.5 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|---|---------|-------|-------|-------|-------|---------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| EWING MILL COMPANY, BROWNSTOWN, INDIANA | | | | | | |
| Robertson's 16% Protein Dairy Feed | 16.0 | 23.8 | 3.0 | 2.5 | 15.0 | 8.6 |
| 60% Protein Tankage | 60.0 | 65.0 | 5.0 | 14.1 | 4.0 | 1.2 |
| EXCHANGE MILLING COMPANY, STURGIS, KENTUCKY | | | | | | |
| "Imperial Brand" 17% Protein All Purpose Poultry Mash | 17.0 | 18.9 | 2.5 | 3.9 | 7.0 | 5.8 |
| "Imperial Brand" Crushed Corn, Cob and Shuck | 7.0 | 8.8 | 2.5 | 3.5 | 8.0 | 5.1 |
| FAMOUS FEED MILLS, NASHVILLE, TENNESSEE | | | | | | |
| "Famous Brand" 25% Milking Feed | 25.0 | 26.4 | 2.5 | 3.8 | 12.0 | 9.7 |
| "Famous Brand" 25% Milking Feed | 25.0 | 25.4 | 2.5 | 3.7 | 12.0 | 9.6 |
| Famous 16% Dairy Feed | 16.0 | 21.5 | 2.5 | 3.9 | 14.0 | 9.0 |
| ** Uncle Dan 16% Dairy Feed High in salt | 16.0 | 16.9 | 2.5 | 4.4 | 15.0 | 12.3 ** |
| "Friendly Brand" Horse & Mule Feed | 9.0 | 8.9 | 2.5 | 2.1 | 15.0 | 7.2 |
| "Famous Brand" 40% Hog Supplement | 40.0 | 43.1 | 4.0 | 5.3 | 7.0 | 4.8 |
| Famous 32% Sow and Pig Supplement | 32.0 | 36.3 | 2.5 | 4.8 | 9.0 | 6.4 |
| Famous Brand Pig and Hog Ration | 18.0 | 20.3 | 3.0 | 4.0 | 6.0 | 5.8 |
| Wheat Bran with Screenings | 14.5 | 16.2 | 3.7 | 3.5 | 11.0 | 11.3 |
| 41% Protein Cottonseed Meal | 41.0 | 40.2 | 5.0 | 4.7 | 12.0 | 11.6 ** |
| 41% Protein Cottonseed Meal | 41.0 | 41.4 | 5.0 | 7.1 | 12.0 | 11.9 |
| FARMERS FEED AND SUPPLY COMPANY, ARLINGTON, KENTUCKY | | | | | | |
| ** Farmers 40% Protein Hog Supplement Very much below guarantee in fat | 40.0 | 39.9 | 5.0 | 1.8 | 7.0 | 5.8 ** |
| Farmers 20% Laying Mash | 20.0 | 20.4 | 3.5 | 3.4 | 7.5 | 5.0 |
| ** Farmers 40% Protein Hog Supplement | 40.0 | 39.2 | 5.0 | 3.5 | 7.0 | 6.3 ** |
| Farmers 15% Protein Hog Feed | 15.0 | 17.2 | 3.5 | 3.3 | 6.5 | 4.9 |
| FARMERS FEED STORE, CENTRAL CITY, KENTUCKY | | | | | | |
| "Veribest Brand" 20% Protein Laying Mash | 20.0 | 21.1 | 3.5 | 3.9 | 8.0 | 7.3 |
| ** "Veribest Brand" 19% Protein Pig and Sow Feed | 19.0 | 20.2 | 3.5 | 3.5 | 6.0 | 6.7 ** |
| FARMERS MILLING COMPANY, SOMERSET, KENTUCKY | | | | | | |
| Farmers Spotlight 20% Egg Mash | 20.0 | 20.9 | 3.0 | 4.4 | 7.0 | 4.6 |
| Farmers Scratch Feed | 8.0 | 9.4 | 3.0 | 3.2 | 3.0 | 2.1 |
| ** Spotlight Stock Feed Contained stems and hulls | 12.0 | 14.1 | 2.5 | 5.7 | 15.0 | 5.8 ** |
| FARMERS SUPPLY COMPANY, DANVILLE, KENTUCKY | | | | | | |
| "Farmo" Hominy Feed | 10.0 | 10.9 | 5.0 | 7.5 | 6.0 | 3.0 |
| FARMERS UNION MILL, VERSAILLES, KENTUCKY | | | | | | |
| Cracked Corn and Wheat | 9.0 | 9.4 | 2.5 | 2.9 | 3.0 | 2.1 |
| Mixed Feed | 13.0 | 13.6 | 4.5 | 6.2 | 8.5 | 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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|--|---------|-------|-------|-------|-------|---------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| FERNCLIFF FEED AND GRAIN COMPANY, LOUISVILLE, KENTUCKY | | | | | | |
| P. D. Q. 20% Protein Laying Mash | 20.0 | 21.8 | 2.5 | 6.1 | 8.0 | 5.2 |
| Cracker Jack 20% Egg Mash | 20.0 | 23.9 | 2.5 | 4.9 | 8.0 | 6.6 |
| Ferncliff 24% Dairy Feed | 24.0 | 27.9 | 2.5 | 4.0 | 11.0 | 8.9 |
| Ferncliff 24% Dairy Feed | 24.0 | 27.6 | 2.5 | 3.1 | 11.0 | 9.2 |
| "Cracker Jack Brand" 24% Protein Sweet Dairy Feed | 24.0 | 25.4 | 3.0 | 3.5 | 10.0 | 6.6 |
| P. D. Q. 24% Dairy Feed | 24.0 | 23.8 | 2.5 | 3.3 | 11.0 | 9.0 |
| "Cracker Jack Brand" 40% Pig and Hog Supplement | 40.0 | 43.0 | 2.0 | 2.3 | 8.0 | 5.0 |
| FIELD PACKING COMPANY, OWENSBORO, KENTUCKY | | | | | | |
| ** Field's 60% Protein Digester Tankage | 60.0 | 55.2 | 5.0 | 10.0 | 3.0 | .9 ** |
| Very much below guarantee in protein | | | | | | |
| Field's 50% Protein Meat Scraps | 50.0 | 59.4 | 5.0 | 11.8 | 3.0 | .1 |
| HENRY FISCHER PACKING COMPANY, LOUISVILLE, KENTUCKY | | | | | | |
| "Mellwood Brand" 60% Protein Digester Tankage | 60.0 | 65.1 | 5.0 | 7.9 | 2.5 | 1.5 |
| "Mellwood Brand" 60% Protein Digester Tankage | 60.0 | 62.9 | 5.0 | 8.4 | 2.5 | 1.9 |
| FLAMBEAU MILLING COMPANY, PHILLIPS, WISCONSIN | | | | | | |
| Pulverized Mixed Feed Oats (Contain Oat and Other Screenings) | 11.0 | 12.7 | 4.5 | 6.0 | 14.5 | 14.2 |
| FORTUNE FEED MILLS, NASHVILLE, TENNESSEE | | | | | | |
| Fortune Liberty 16% Dairy Feed | 16.0 | 17.0 | 2.5 | 3.9 | 15.0 | 14.6 |
| ** Fortune Sweet Feed | 9.0 | 9.3 | 1.0 | 2.9 | 15.0 | 11.8 ** |
| Contained mixed screenings | | | | | | |
| HENRY FRUECHTENICHT COMPANY, LOUISVILLE, KENTUCKY | | | | | | |
| "Producer" Starter and Grower Mash | 20.0 | 21.4 | 3.0 | 3.5 | 7.0 | 5.7 |
| "Producer" Egg Mash | 20.0 | 21.5 | 3.0 | 4.0 | 7.0 | 5.6 |
| "Producer" Egg Mash | 20.0 | 21.8 | 3.0 | 3.3 | 7.0 | 5.4 |
| "Producer" Egg Mash | 20.0 | 21.1 | 3.0 | 5.2 | 7.0 | 6.2 |
| "Producer" Egg Mash | 20.0 | 21.2 | 3.0 | 4.1 | 7.0 | 6.4 |
| ** "Producer" Scratch Feed | 8.0 | 9.8 | 2.5 | 2.2 | 3.0 | 2.2 ** |
| Contained unground corn cockle | | | | | | |
| ** "Producer" Scratch Feed | 8.0 | 9.2 | 2.5 | 2.7 | 3.0 | 2.1 ** |
| Contained unground corn cockle | | | | | | |
| ** "Producer" Scratch Feed | 8.0 | 9.4 | 2.5 | 2.7 | 3.0 | 1.9 ** |
| Contained unground corn cockle | | | | | | |
| "Producer" Scratch Feed | 8.0 | 8.9 | 2.5 | 2.7 | 3.0 | 1.9 |
| ** "Producer" Scratch Feed | 8.0 | 9.3 | 2.5 | 3.2 | 3.0 | 1.9 ** |
| Contained unground weed seeds | | | | | | |
| "Blue Grass" 24% Dairy Feed (with Urea) | 24.0 | 27.5 | 3.0 | 4.0 | 9.0 | 7.9 |
| "Blue Grass" 24% Dairy Feed (with Urea) | 24.0 | 26.5 | 3.0 | 3.5 | 9.0 | 7.9 |
| "Blue Grass" 24% Dairy Feed (with Urea) | 24.0 | 26.3 | 3.0 | 3.3 | 9.0 | 6.7 |
| "Blue Grass" 20% Dairy Feed | 20.0 | 24.1 | 3.0 | 4.7 | 9.0 | 8.6 |
| "Blue Grass" 20% Dairy Feed | 20.0 | 24.7 | 3.0 | 3.1 | 9.0 | 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.

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|---|---------|-------------|-------|------------|-------|---------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| HENRY FRUECHTENICHT COMPANY, LOUISVILLE, KENTUCKY (Cont'd) | | | | | | |
| "Blue Grass" 20% Dairy Feed | 20.0 | 23.7 | 3.0 | 3.4 | 9.0 | 8.1 |
| "Blue Grass" 18% Dairy Feed | 18.0 | 23.4 | 3.0 | 3.5 | 9.0 | 7.0 |
| "Producer" 16% Protein Dairy Feed | 16.0 | 18.7 | 2.5 | 4.2 | 14.0 | 11.5 |
| "Producer" 16% Dairy | 16.0 | 19.5 | 2.5 | 3.9 | 15.0 | 12.1 |
| "Producer" 16% Dairy | 16.0 | 20.4 | 2.5 | 3.0 | 15.0 | 13.3 |
| "Producer" 16% Dairy | 16.0 | 20.5 | 2.5 | 4.1 | 15.0 | 9.9 |
| "Producer" 16% Protein Dairy Feed | 16.0 | 19.9 | 2.5 | 4.5 | 14.0 | 11.8 |
| "Producer" 16% Protein Dairy Feed | 16.0 | 17.4 | 2.5 | 4.3 | 14.0 | 12.0 |
| "Blue Grass" 18% Protein Pig & Hog Feed | 18.0 | 19.7 | 3.5 | 3.2 | 6.0 | 4.8 |
| "Blue Grass" 18% Protein Pig & Hog Feed | 18.0 | 18.7 | 3.5 | 4.0 | 6.0 | 5.4 |
| ** "Blue Grass" Cottonseed Meal | 41.0 | <u>39.0</u> | 5.0 | 4.6 | 12.0 | 11.4 ** |
| Very much below guarantee in protein | | | | | | |
| "Blue Grass" 44% Protein Solvent Extracted Soybean Oil Meal | 44.0 | 47.4 | .5 | .7 | 7.8 | 5.4 |
| FUHER-FORD MILLING COMPANY, MT. VERNON, INDIANA | | | | | | |
| Wheat Gray Shorts and Screenings | 16.0 | 15.7 | 4.0 | 4.6 | 6.0 | 6.2 |
| GARDEN STREET MILL AND ELEVATOR, LOUISVILLE, KENTUCKY | | | | | | |
| ** Rainbow 24% Dairy Feed | 24.0 | 24.1 | 3.0 | <u>2.0</u> | 15.0 | 12.4 ** |
| Garden 16% Protein Dairy Feed | 16.0 | 16.8 | 3.0 | <u>2.8</u> | 15.0 | 13.5 |
| Garden 16% Protein Dairy Feed | 16.0 | 17.4 | 3.0 | <u>2.2</u> | 15.0 | 14.0 |
| Garden 16% Protein Dairy Feed | 16.0 | 19.6 | 3.0 | <u>2.5</u> | 15.0 | 12.8 |
| GARRARD MILLS, LANCASTER, KENTUCKY | | | | | | |
| "Big G" 18% Protein Sow & Pig Feed | 18.0 | 18.3 | 3.5 | 3.4 | 6.0 | 4.5 |
| "Glen Lily" Mixed Feed | 12.0 | 14.1 | 3.5 | 3.2 | 6.0 | 5.6 |
| GENERAL DISTRIBUTORS, COVINGTON, KENTUCKY | | | | | | |
| ** General Feeds Heavy Milker Brand 16% Dairy Feed | 16.0 | <u>12.9</u> | 3.0 | 3.4 | 12.0 | 6.6 ** |
| Very much below guarantee in protein | | | | | | |
| Contained screenings | | | | | | |
| GENERAL MILLS, INC., MINNEAPOLIS, MINNESOTA | | | | | | |
| Larro SureLay Complete Egg Ration | 16.0 | 17.7 | 2.5 | 4.3 | 7.5 | 5.9 |
| Larro SureMilk 32% Dairy Concentrate | 32.0 | 35.6 | 2.0 | 3.9 | 11.0 | 5.9 |
| Larro SureMilk 32% Dairy Concentrate | 32.0 | 33.1 | 2.0 | 1.6 | 11.0 | 6.0 |
| Larro Special 20% Dairy Feed | 20.0 | 22.3 | 2.5 | 2.7 | 12.0 | 7.0 |
| Larro SurePork 35% Hog Concentrate | 35.0 | 37.5 | 2.0 | 1.8 | 10.0 | 6.0 |
| Washburn's Gold Medal Wheat Gray Shorts and Screenings | 16.0 | 16.5 | 3.5 | 5.0 | 6.0 | 5.2 |
| Sonny South Wheat Gray Shorts and Screenings | 15.0 | 17.6 | 3.5 | 4.4 | 6.0 | 5.6 |
| Washburn's Gold Medal Wheat Gray Shorts and Screenings | 16.0 | 16.4 | 3.5 | 4.8 | 6.0 | 5.4 |
| Washburn's Gold Medal Wheat Bran | 14.0 | 16.1 | 3.5 | 3.6 | 11.0 | 10.8 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|---|---------|-------------|-------|------------|-------|---------------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| GERMANTOWN MILLING COMPANY, GERMANTOWN, KENTUCKY | | | | | | |
| Mixed Feed | 14.0 | 14.3 | 3.0 | 3.4 | 8.0 | 6.0 |
| GLASGOW TRADING CENTER, GLASGOW, KENTUCKY | | | | | | |
| Chowmix 20% Laying Mash | 20.0 | 20.2 | 3.0 | 3.7 | 7.5 | 5.0 |
| Chowmix 16% Dairy Feed | 16.0 | 16.2 | 3.0 | 2.8 | 10.0 | 8.7 |
| Chowmix 14% Protein Hog Feed | 14.0 | 15.8 | 3.5 | 4.6 | 5.0 | 3.7 |
| EDWARD F. GOEKE SONS, EVANSVILLE, INDIANA | | | | | | |
| Goeke's 16% Dairy Feed | 16.0 | 18.9 | 2.5 | 2.1 | 13.0 | 12.8 |
| Oat Hull Feed and Molasses | 3.0 | 4.6 | .5 | .9 | 26.0 | 24.9 |
| GOLDENROD OIL MEAL SALES COMPANY, MEMPHIS, TENNESSEE | | | | | | |
| Goldenrod Brand 41% Protein Cottonseed Meal | 41.0 | 41.1 | 4.0 | 5.5 | 13.0 | 10.7 |
| ** Goldenrod Brand 41% Protein Cottonseed Meal | 41.0 | <u>39.6</u> | 4.0 | 4.7 | 13.0 | 9.7 ** |
| LYNN GROVE MILLING COMPANY, LYNN GROVE, KENTUCKY | | | | | | |
| Wheat Bran and Shorts | 14.0 | 15.0 | 3.5 | 3.6 | 8.0 | 7.0 |
| GREENUP MILLING COMPANY, GREENUP, KENTUCKY | | | | | | |
| Greenup Milling Company 24% Dairy Feed | 24.0 | 26.5 | 2.5 | 3.0 | 12.0 | 10.5 |
| GWINN BROTHERS AND COMPANY, HUNTINGTON, WEST VIRGINIA | | | | | | |
| Gwinn's Merit Brand 20% Laying Mash | 20.0 | 21.7 | 3.0 | 3.6 | 8.0 | 6.6 |
| Gwinn's Merit Brand 20% Laying Mash | 20.0 | 22.5 | 3.0 | 3.7 | 8.0 | 6.7 |
| Gwinn's Grade A Brand 24% Dairy Feed | 24.0 | 24.5 | 3.0 | 2.5 | 10.0 | 8.2 |
| Banner 24% Dairy Feed | 24.0 | 26.4 | 2.5 | 2.3 | 15.0 | 11.7 |
| Banner 24% Dairy Feed | 24.0 | 26.6 | 2.5 | 2.3 | 15.0 | 11.8 |
| Gwinn's Make Milk 20% Dairy Feed | 20.0 | 20.3 | 3.0 | 3.1 | 10.0 | 8.0 |
| ** Gwinn's 18% Pig and Hog Feed | 18.0 | 19.5 | 3.0 | 3.6 | 6.0 | <u>6.7</u> ** |
| Contained mixed screenings | | | | | | |
| HALES AND HUNTER COMPANY, CHICAGO, ILLINOIS | | | | | | |
| Red Comb Turkey Grower | 21.0 | 21.4 | 3.0 | 5.0 | 7.0 | 5.6 |
| Red Comb 20% Protein Egg Mash | 20.0 | 21.1 | 3.0 | 5.0 | 7.0 | 6.7 |
| Red Comb 20% Protein Egg Mash | 20.0 | 20.6 | 3.0 | 4.8 | 7.0 | 6.4 |
| Red Comb 20% Protein Egg Mash | 20.0 | 21.5 | 3.0 | 4.7 | 7.0 | 6.6 |
| Red Comb 20% Protein Egg Mash | 20.0 | 23.4 | 3.0 | 3.9 | 7.0 | 6.5 |
| ** Red Comb 13% Protein Crate Fattener | 13.0 | 15.2 | 4.0 | <u>3.1</u> | 7.0 | 6.3 ** |
| One Day Crate Fattener | 10.5 | 10.8 | 2.0 | 2.5 | 9.0 | 8.2 |
| ** Pioneer 18% Protein Dairy Feed | 18.0 | 17.0 | 3.0 | 2.6 | 9.0 | 7.6 ** |
| Gold Flake 16-1/2% Dairy Feed | 16.5 | 17.4 | 2.5 | 3.3 | 15.0 | 11.1 |
| Pioneer Pelleted Flaked 16% Dairy | 16.0 | 16.9 | 3.0 | 3.4 | 9.0 | 6.5 |
| Pioneer Pelleted Flaked 16% Dairy | 16.0 | 16.9 | 3.0 | 3.2 | 9.0 | 5.4 |
| Pioneer Creep and Fitting Feed | 12.0 | 12.9 | 2.5 | 3.5 | 9.0 | 5.7 |
| Pioneer Creep and Fitting Feed | 12.0 | 12.3 | 2.5 | 3.1 | 9.0 | 5.4 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|---|---------|-------|-------|-------|-------|---------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| HANCOCK AND FRANKLIN MILLS, LOUISVILLE, KENTUCKY | | | | | | |
| "Arrow" 33% Dairy Concentrate | 33.0 | 35.0 | 2.0 | 3.2 | 8.0 | 6.9 |
| "Arrow" 24% Protein Dairy Feed | 24.0 | 26.9 | 2.5 | 4.5 | 11.0 | 7.1 |
| "Arrow Special" 24% Dairy Feed | 24.0 | 29.8 | 3.0 | 2.7 | 9.0 | 6.3 |
| "Arrow" 16% Dairy Feed | 16.0 | 19.5 | 2.5 | 4.7 | 15.0 | 11.3 |
| "Arrow" 16% Dairy Feed | 16.0 | 19.8 | 2.5 | 4.5 | 15.0 | 12.6 |
| "Arrow" 40% Pig and Hog Supplement | 40.0 | 42.4 | 2.5 | 3.4 | 8.0 | 5.9 |
| HARDIN COUNTY MILLS, ELIZABETHTOWN, KENTUCKY | | | | | | |
| Emerson 20% Protein Egg Mash | 20.0 | 20.9 | 2.5 | 2.5 | 7.0 | 5.1 |
| ** "Marco" 24% Protein Dairy Feed | 24.0 | 23.1 | 3.5 | 3.3 | 12.0 | 7.4 ** |
| ** "Marco" 40% Protein Hog Supplement | 40.0 | 43.8 | 4.0 | 2.6 | 7.0 | 7.8 ** |
| ** "Marco" 40% Protein Hog Supplement | 40.0 | 42.2 | 4.0 | 4.1 | 7.0 | 7.8 ** |
| "Marco" 18% Protein Hog Fattener | 18.0 | 18.9 | 3.0 | 4.0 | 8.0 | 6.5 |
| HARDY BROTHERS MILL, WALTON, KENTUCKY | | | | | | |
| ** Hardy's Special 16% Dairy Feed | 16.0 | 14.4 | 3.0 | 2.6 | 9.5 | 6.2 ** |
| R. L. HARRISON AND SON, BAGDAD, KENTUCKY | | | | | | |
| ** "Bulky Brand" 16-1/2% Protein Dairy Feed | 16.5 | 17.7 | 3.7 | 3.5 | 15.0 | 11.2 ** |
| Contained unground weed seeds | | | | | | |
| Harrison's Nat-Ur-Way Brand 16% Protein Dairy Feed | 16.0 | 15.8 | 3.5 | 3.4 | 12.0 | 8.7 |
| THE P. A. HARSHA MILLING COMPANY, PORTSMOUTH, OHIO | | | | | | |
| ** "Harsha's Dixie Sweet Brand" 24% Dairy Feed | 24.0 | 24.5 | 3.0 | 2.4 | 12.0 | 5.2 ** |
| "Harsha's Dixie Sweet Brand" 16% Dairy Feed | 16.0 | 21.8 | 3.0 | 3.0 | 12.0 | 5.0 |
| EDWIN C. HAWKINS, PADUCAH, KENTUCKY | | | | | | |
| "Record Brand" 34% Dairy Supplement | 34.0 | 34.7 | 3.0 | 3.1 | 15.0 | 8.5 |
| ** "Record Brand" 16% Dairy Feed | 16.0 | 15.6 | 3.0 | 2.3 | 15.0 | 12.5 ** |
| ** "Record Brand" 16% Dairy Feed | 16.0 | 18.4 | 3.0 | 2.0 | 15.0 | 12.8 ** |
| Crema 16% Dairy Feed | 16.0 | 17.4 | 3.0 | 2.5 | 15.0 | 8.6 |
| "Record Brand" 20% Pig and Sow Meal | 20.0 | 21.0 | 3.5 | 3.6 | 6.0 | 4.7 |
| G. M. HAYCRAFT AND SON, LEITCHFIELD, KENTUCKY | | | | | | |
| Haycraft's 18% Protein Turkey Growing Mash | 18.0 | 21.4 | 2.5 | 2.7 | 7.0 | 5.3 |
| Haycraft's 18% Laying Mash | 18.0 | 19.2 | 2.5 | 3.4 | 7.0 | 5.1 |
| HAYDON MILL AND GRAIN COMPANY, SPRINGFIELD, KENTUCKY | | | | | | |
| Magic Super All Mash Laying Mash | 16.0 | 18.7 | 2.5 | 3.6 | 8.0 | 4.6 |
| Magic Brand Sweet Dairy Feed | 20.0 | 23.5 | 3.0 | 3.2 | 13.0 | 8.9 |
| Drought Emergency Dairy Feed | 17.0 | 18.8 | 3.0 | 4.5 | 8.0 | 4.9 |
| Magic Brand 14% Hog Fattener | 14.0 | 16.0 | 3.0 | 5.4 | 7.0 | 6.2 |
| Magic Brand 14% Hog Fattener | 14.0 | 15.6 | 3.0 | 4.0 | 7.0 | 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.

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|--|---------|-------|-------|-------|-------|---------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| DR. HEINZ COMPANY, WASHINGTON, COURT HOUSE, OHIO | | | | | | |
| ** Heinz Nu-Way All Mash Laying Ration | 18.0 | 19.4 | 3.5 | 3.4 | 7.5 | 4.8 ** |
| Contained mixed screenings | | | | | | |
| ** Heinz Nu-Way 24% Dairy Feed | 24.0 | 25.1 | 3.0 | 4.0 | 9.5 | 7.5 ** |
| Contained mixed screenings | | | | | | |
| HEMPHILL SOY PRODUCTS COMPANY, KENNETT, MISSOURI | | | | | | |
| Circle H Brand 41% Protein Soybean Oil Meal | 41.0 | 45.9 | 3.5 | 4.7 | 7.0 | 6.0 |
| HENDERSON FEED AND COMMISSION COMPANY, HENDERSON, KENTUCKY | | | | | | |
| "Jim Dandy" 40% Protein Hog Supplement | 40.0 | 40.3 | 1.2 | 3.7 | 7.5 | 6.3 |
| Cracked Corn | 8.0 | 9.3 | 3.0 | 3.5 | 2.5 | 2.3 |
| HOME MILLING COMPANY, GREENVILLE, KENTUCKY | | | | | | |
| ** "Happy Home" 24% Dairy Feed | 24.0 | 30.2 | 4.0 | 2.0 | 8.0 | 6.4 ** |
| "Farm-Wa Brand" Dairy Feed | 16.0 | 20.3 | 4.0 | 3.6 | 12.0 | 7.8 |
| "Happy Home Brand" 85% Grain Horse and Mule Feed | 9.0 | 8.7 | 3.0 | 2.7 | 10.0 | 7.4 |
| Champion 40% Hog Supplement | 40.0 | 39.8 | 3.0 | 4.0 | 8.5 | 6.3 |
| "Champion Brand" Mixed Feed | 11.5 | 14.1 | 3.3 | 3.7 | 5.9 | 6.3 |
| "Happy Home Brand" Crushed Ear Corn and Shuck | 7.5 | 8.9 | 3.2 | 3.2 | 9.0 | 7.9 |
| HOPKINSVILLE MILLING COMPANY, HOPKINSVILLE, KENTUCKY | | | | | | |
| "Life Cycle Brand" 18% Protein Poultry Mash | 18.0 | 18.8 | 3.5 | 4.5 | 7.0 | 6.4 |
| ** "Sunflower Brand" 26% Protein Dairy Feed | 26.0 | 27.4 | 4.0 | 3.4 | 10.0 | 10.6 ** |
| ** Sunflower Wheat Gray Shorts and Screenings | 16.0 | 16.3 | 4.0 | 4.8 | 6.0 | 7.7 ** |
| ** Sunflower Wheat Gray Shorts and Screenings | 16.0 | 15.9 | 4.0 | 4.9 | 6.0 | 7.8 ** |
| HORSE CAVE MILLS, HORSE CAVE, KENTUCKY | | | | | | |
| Superior Brand Mixed Feed | 12.0 | 13.2 | 3.0 | 3.1 | 8.5 | 5.1 |
| HUEGELY ELEVATOR COMPANY, NASHVILLE, ILLINOIS | | | | | | |
| ** Expeller 41% Protein Soybean Oil Meal | 41.0 | 41.2 | 4.0 | 5.1 | --- | 5.5 |
| Contained Ground Limestone | | | | | | |
| HUMPHREYS-GODWIN COMPANY, MEMPHIS, TENNESSEE | | | | | | |
| Dixie Brand 41% Cottonseed Meal | 41.0 | 40.8 | 4.0 | 4.9 | 12.0 | 11.8 |
| Dixie Brand 41% Cottonseed Meal | 41.0 | 41.0 | 4.0 | 4.5 | 12.0 | 11.3 |
| HUNTER MILLING COMPANY, WELLINGTON, KANSAS | | | | | | |
| Wheat Gray Shorts with Screenings | 16.0 | 16.2 | 4.0 | 4.7 | 6.0 | 6.3 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|--|---------|-------------|-------|-------|-------|--------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| IGLEHEART BROTHERS, EVANSVILLE, INDIANA | | | | | | |
| Winter Wheat Gray Shorts & Screenings | 14.0 | 14.3 | 3.5 | 4.2 | 6.0 | 5.0 |
| Winter Wheat Gray Shorts & Screenings | 14.0 | 16.4 | 3.5 | 4.4 | 6.0 | 4.9 |
| Mill Run Wheat Feed with Ground Wheat Screenings | 15.5 | 16.0 | 4.0 | 4.2 | 9.5 | 6.9 |
| ILLINOIS SOY PRODUCTS COMPANY, SPRINGFIELD, ILLINOIS | | | | | | |
| 41% Protein Expeller Soybean Oil Meal | 41.0 | 43.4 | 4.0 | 5.1 | 7.0 | 5.6 |
| 41% Protein Expeller Soybean Oil Meal | 41.0 | 43.3 | 4.0 | 5.9 | 7.0 | 5.5 |
| IPA VA FARMERS PROCESSING COMPANY, IPA VA, ILLINOIS | | | | | | |
| IPCO 41% Expeller Soybean Oil Meal | 41.0 | 42.9 | 4.0 | 5.4 | 7.0 | 5.6 |
| THE ISMERT-HINCKE MILLING COMPANY, KANSAS CITY, MISSOURI | | | | | | |
| I-H Wheat Gray Shorts and Screenings | 16.0 | 15.7 | 4.0 | 4.9 | 6.0 | 6.1 |
| JACKSON COTTON OIL MILL, JACKSON, TENNESSEE | | | | | | |
| "Bell Cow Brand" 41% Protein Cottonseed Meal | 41.0 | 41.4 | 5.0 | 6.8 | 12.0 | 9.7 |
| "Bell Cow Brand" 41% Protein Cottonseed Meal | 41.0 | 40.8 | 5.0 | 7.4 | 12.0 | 10.6 |
| JASPER MILLING COMPANY, SCIENCE HILL, KENTUCKY | | | | | | |
| Wheat Mixed Feed | 13.0 | 14.5 | 3.5 | 3.6 | 7.0 | 6.2 |
| JONES PACKING COMPANY, PADUCAH, KENTUCKY | | | | | | |
| ** Jones 45% Protein Tankage | 45.0 | <u>43.3</u> | 10.0 | 20.3 | 4.0 | 3.1 ** |
| Contained excess hair and bristles | | | | | | |
| Jones 45% Protein Tankage | 45.0 | 46.9 | 10.0 | 16.8 | 4.0 | 3.0 |
| KASCO MILLS, INC., TOLEDO, OHIO | | | | | | |
| Kasco Vig-R-Ets for Poultry | 20.0 | 21.3 | 3.0 | 4.0 | 5.5 | 4.6 |
| ** Kasco Beatsall Milk Grains Brand 20% Protein Dairy Feed | 20.0 | <u>19.4</u> | 3.5 | 3.3 | 10.0 | 8.3 ** |
| Kasco Ranger Rounds Cattle Feed | 16.0 | <u>16.1</u> | 2.5 | 3.2 | 13.0 | 11.6 |
| KECO MILLING COMPANY, MCKENZIE, TENNESSEE | | | | | | |
| Thrifty 16% Dairy Feed | 16.0 | 17.5 | 2.5 | 2.6 | 15.0 | 12.2 |
| Thrifty 16% Dairy Feed | 16.0 | 19.3 | 2.5 | 3.7 | 15.0 | 14.2 |
| Emergency Drouth Relief Beef Cattle Feed (For P. M. A. Form 3 Certificate) | 20.5 | 20.9 | 3.5 | 4.4 | 9.0 | 8.5 |
| Emergency Drouth Relief Dairy Cattle Feed (For P. M. A. Form 4 Certificate) | 17.5 | 17.9 | 3.5 | 4.1 | 8.0 | 7.0 |
| "Keco Hog Fat-Ner Brand" 16% Hog Feed | 16.0 | 17.5 | 3.5 | 6.0 | 8.0 | 7.1 |
| KELLER HAY AND GRAIN COMPANY, NEWPORT, KENTUCKY | | | | | | |
| Big K 20% Layer | 20.0 | 20.7 | 3.5 | 3.8 | 8.0 | 5.5 |
| Big K 20% Dairy Feed | 20.0 | 20.3 | 3.0 | 4.1 | 10.0 | 7.5 |
| SPENCER KELLOGG AND SONS, BUFFALO, NEW YORK | | | | | | |
| Kellogg's 44% Protein Solvent Toasted Soybean Oil Meal | 44.0 | 44.8 | .5 | .7 | 7.0 | 6.3 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|--|---------|-------------|-------|------------|-------|-------------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| KENTUCKY BY-PRODUCTS CORPORATION, LOUISVILLE, KENTUCKY | | | | | | |
| Dri-Molass (Cane Blackstrap Molasses, Wheat Bran and Calcium Carbonate) | 8.0 | 11.0 | .8 | .8 | 8.0 | 4.4 |
| Hi-Molass Ground Mixed Screenings, Cane-Molasses, Ground Limestone | 8.0 | 8.3 | 1.0 | .7 | 12.0 | 9.4 |
| Hi-Molass Ground Mixed Screenings, Cane-Molasses, Ground Limestone | 8.0 | 8.9 | 1.0 | .8 | 12.0 | 9.7 |
| Hi-Molass Ground Mixed Screenings, Cane Blackstrap Molasses & Ground Limestone | 8.0 | 8.7 | 1.0 | .9 | 12.0 | 9.4 |
| KENTUCKY PROTEIN FEED COMPANY, HENDERSON, KENTUCKY | | | | | | |
| ** Kentucky Protein Feed Co's 60% Protein Digester Tankage | 60.0 | <u>56.8</u> | 8.0 | 11.5 | 3.0 | 1.9 ** |
| Very much below guarantee in protein | | | | | | |
| Kentucky Protein Feed Co's 50% Protein Meat and Bone Scraps | 50.0 | 49.9 | 8.0 | 14.5 | 3.0 | 2.5 |
| F. W. KIBLER MILLING COMPANY, MT. ORAB, OHIO | | | | | | |
| Kibler 40% Protein Hog Supplement | 40.0 | 40.7 | 3.0 | 3.0 | 8.0 | 6.2 |
| KUTTAWA MILLING COMPANY, KUTTAWA, KENTUCKY | | | | | | |
| Wheat Feed | 12.0 | 14.2 | 3.5 | 4.0 | 9.0 | 7.1 |
| LAKE COUNTY OIL MILLS, TIPTONSVILLE, TENNESSEE | | | | | | |
| ** 41% Protein Cottonseed Meal | 41.0 | <u>39.0</u> | 4.0 | 4.6 | 10.0 | <u>11.4</u> |
| Very much below guarantee in protein | | | | | | |
| LAKE RICE MILL, LAKE ARTHUR, LOUISIANA | | | | | | |
| Mill Run Rice Bran | 12.0 | 13.2 | 12.0 | 15.5 | 12.0 | 10.5 |
| LAUHOFF GRAIN COMPANY, DANVILLE, ILLINOIS | | | | | | |
| Vermillion Hominy Feed | 9.0 | 10.4 | 5.0 | 5.9 | 6.0 | 4.5 |
| LASWELL MILLING COMPANY, BRODHEAD, KENTUCKY | | | | | | |
| Wheat Feed with Screenings | 12.0 | 14.0 | 3.5 | 3.7 | 7.0 | 7.1 |
| LAWRENCEBURG TERMINAL ELEVATOR CORPORATION, LAWRENCEBURG, INDIANA | | | | | | |
| Nitrofurazone and Arsanilic Acid in Excello (XLO) 20% Special Broiler Mash | 20.0 | 21.6 | 4.5 | 5.0 | 4.0 | 3.8 |
| LEWISBURG ROLLER MILL, LEWISBURG, KENTUCKY | | | | | | |
| ** "Coon Range Brand" 16% Dairy Feed | 16.0 | 16.3 | 3.0 | <u>2.1</u> | 12.0 | 7.5 ** |
| Contained unground Johnson grass seeds | | | | | | |
| LEXINGTON ROLLER MILLS, LEXINGTON, KENTUCKY | | | | | | |
| "Thoroughbred Brand" (Kentucky Queen) 20% Protein Egg Mash | 20.0 | 20.6 | 4.0 | 5.3 | 8.0 | 7.1 |
| "Thoroughbred Brand" (Kentucky Queen) 20% Protein Egg Mash | 20.0 | 21.8 | 4.0 | 4.6 | 8.0 | 6.1 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|--|---------|-------------|-------|-------|-------|---------------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| LEXINGTON ROLLER MILLS, LEXINGTON, KENTUCKY (Cont'd) | | | | | | |
| "Thoroughbred Brand" 24% Protein Sweet Dairy Feed | 24.0 | 23.9 | 3.0 | 4.2 | 8.0 | 8.0 |
| "Thoroughbred Brand" 24% Protein Sweet Dairy Feed | 24.0 | 25.4 | 3.0 | 3.5 | 8.0 | 7.5 |
| ** "Thoroughbred Brand" 24% Protein Sweet Dairy Feed | 24.0 | <u>23.0</u> | 3.0 | 4.1 | 8.0 | 7.6 ** |
| "Thoroughbred Brand" 24% Protein Sweet Dairy Feed | 24.0 | 23.9 | 3.0 | 3.9 | 8.0 | 6.7 |
| "Thoroughbred Brand" 24% Protein Sweet Dairy Feed | 24.0 | 23.8 | 3.0 | 4.0 | 8.0 | 7.9 |
| ** "Thoroughbred Brand" 24% Protein Sweet Dairy Feed | 24.0 | 25.5 | 3.0 | 4.0 | 8.0 | <u>8.8</u> ** |
| "Sweet Sue" 24% Protein Sweet Dairy Feed | 24.0 | 24.0 | 3.0 | 2.8 | 13.0 | 11.4 |
| "Thoroughbred Brand" 20% Protein Sweet Dairy Feed | 20.0 | 25.2 | 3.0 | 2.6 | 9.0 | 7.9 |
| "Sweet Sue" 16% Protein Sweet Dairy Feed | 16.0 | 16.1 | 3.0 | 2.8 | 15.0 | 13.0 |
| "Bossie" Stock Feed | 13.0 | 14.4 | 3.0 | 4.3 | 11.0 | 8.2 |
| ** "Bossie" Stock Feed | 13.0 | 13.5 | 3.0 | 4.9 | 11.0 | 9.3 ** |
| Contained mixed screenings | | | | | | |
| ** "Thoroughbred Brand" 16% Pig and Hog Ration | 16.0 | 16.5 | 3.0 | 3.4 | 6.0 | <u>6.8</u> ** |
| LOFTON'S MILL, PROVIDENCE, KENTUCKY | | | | | | |
| Lofton's Beef Cattle Feed | 11.0 | 11.6 | 2.0 | 2.1 | 17.0 | 13.6 |
| "Veribest Brand" 85% Grain Horse and Mule Feed | 9.0 | 10.3 | 3.0 | 3.5 | 10.0 | 5.5 |
| ** Sodium Fluoride in Lofton's 35% Hog Supplement | 35.0 | <u>32.8</u> | 4.0 | 5.5 | 10.0 | 5.5 ** |
| Very much below guarantee in protein | | | | | | |
| Lofton's 22% Hog Feed | 22.0 | 22.8 | 4.0 | 5.4 | 8.0 | 5.7 |
| Sodium Fluoride in "Lofton's" 22% Hog Feed | 22.0 | 21.7 | 4.0 | 4.7 | 8.0 | 4.7 |
| Crushed Ear Corn and Shuck | 7.5 | 9.6 | 3.0 | 3.4 | 7.5 | 7.4 |
| L. B. LOVITT AND COMPANY, MEMPHIS, TENNESSEE | | | | | | |
| "Lovit Brand" 41% Protein Cottonseed Meal | 41.0 | 43.1 | 4.0 | 4.7 | 13.0 | 11.0 |
| "Lovit Brand" 41% Protein Cottonseed Meal | 41.0 | 40.9 | 4.0 | 4.3 | 13.0 | 13.1 |
| LOWE'S FEED AND HATCHERY, BOWLING GREEN, KENTUCKY | | | | | | |
| "Blue Ribbon" 20% Broiler Mash | 20.0 | 20.9 | 3.0 | 3.8 | 4.0 | 3.8 |
| "Milk Flo" 16% Dairy Feed | 16.0 | 15.8 | 3.0 | 3.0 | 9.0 | 7.9 |
| MCCARLEY AND RICHARDSON, RUSSELLVILLE, KENTUCKY | | | | | | |
| "Victory" Scratch Feed | 8.0 | 9.0 | 3.0 | 3.8 | 3.5 | 2.1 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|---|---------|-------------|-------|------------|-------|----------------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| MCGINNIS COMPANY, HUNTINGTON, WEST VIRGINIA | | | | | | |
| "Milk More Brand" 16% Protein Dairy Feed | 16.0 | 17.3 | 2.5 | 3.6 | 15.0 | 8.1 |
| MCMILLEN FEED MILLS, FORT WAYNE, INDIANA | | | | | | |
| Master Mix M-V Eglac Egg Mash Pellets | 20.0 | 20.9 | 2.5 | 3.0 | 7.0 | 6.1 |
| Master Mix 16% Dairy Feed | 16.0 | 19.6 | 2.5 | 2.0 | 9.0 | 7.9 |
| Master Mix M-V Complete Calf Feed | 17.5 | 19.4 | 3.0 | 3.7 | 8.0 | 7.0 |
| "Central Star Brand" 44% Protein Solvent Soybean Oil Meal | 44.0 | 47.9 | .5 | .8 | 7.0 | 6.2 |
| MARIANNA SALES COMPANY, MEMPHIS, TENNESSEE | | | | | | |
| "White Mule Brand" 41% Protein Cottonseed Meal | 41.0 | 42.3 | 5.0 | 4.9 | 12.0 | 12.2 |
| MAYFIELD SWEET FEED MILL, MAYFIELD, KENTUCKY | | | | | | |
| ** "State Leader Brand" 24% Protein Dairy Feed | 24.0 | 24.1 | 3.5 | <u>2.4</u> | 10.0 | 7.8 ** |
| ** "State Leader Brand" Wheat Gray Shorts and Screenings Contained mixed screenings | 15.0 | 16.3 | 3.5 | 4.3 | 6.5 | 6.4 ** |
| MAYFIELD MILLING COMPANY, MAYFIELD, KENTUCKY | | | | | | |
| ** "White Chester" 40% Hog Supplement | 40.0 | 46.0 | 4.5 | <u>3.0</u> | 7.0 | 6.0 ** |
| Corn By-Product Feed | 10.0 | 9.8 | 5.0 | 6.0 | 6.0 | 5.7 |
| MIDDLESBORO MILLING COMPANY, MIDDLESBORO, KENTUCKY | | | | | | |
| "Good Value Brand" 16% Protein Dairy Feed | 16.0 | 18.5 | 3.5 | 3.4 | 14.0 | 11.1 |
| METZGER BROTHERS, PADUCAH, KENTUCKY | | | | | | |
| ** Tankage with Bone | 47.0 | <u>45.4</u> | 10.0 | 16.5 | 2.0 | 1.4 ** |
| Tankage with Bone | 47.0 | 51.2 | 10.0 | 16.2 | 2.0 | 1.1 |
| MELBER ROLLER MILLS, MELBER, KENTUCKY | | | | | | |
| ** Kay 16% Dairy Feed Contained oat hull feed High in fiber | 16.0 | <u>14.8</u> | 3.0 | 3.0 | 10.0 | <u>11.8</u> ** |
| ** Kay 40% Hog Supplement Very much below guarantee in fat | 40.0 | 43.5 | 5.0 | <u>3.0</u> | 8.0 | 6.4 ** |
| MORGANTOWN FEED MILL, MORGANTOWN, KENTUCKY | | | | | | |
| "Flako" 40% Protein Hog Supplement | 40.0 | 45.2 | 4.0 | 3.7 | 7.5 | 5.3 |
| MORRISTOWN MILLING COMPANY, MORRISTOWN, TENNESSEE | | | | | | |
| "Dixie Cream Brand" Mixed Feed | 12.0 | 13.5 | 4.0 | 6.9 | 8.5 | 6.8 |
| MOORMAN MANUFACTURING COMPANY, QUINCY, ILLINOIS | | | | | | |
| Moorman's A-V Feed Supplement | 16.0 | 18.7 | 3.2 | 4.3 | 10.0 | 9.3 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|--|---------|-------|-------|-------|-------|---------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| MYERS AND CLARK COMPANY, INC., ASHLAND, KENTUCKY | | | | | | |
| "Ideal Brand" 20% Laying Mash | 20.0 | 21.4 | 3.0 | 5.6 | 8.0 | 8.0 |
| "Ideal Brand" 32% Dairy Feed | 32.0 | 32.2 | 2.5 | 3.3 | 12.0 | 7.6 |
| "Special Brand" 24% Protein Dairy Feed | 24.0 | 24.1 | 2.5 | 2.4 | 15.0 | 10.3 |
| "Special Brand" 16% Protein Dairy Feed | 16.0 | 15.7 | 2.5 | 3.5 | 15.0 | 11.0 |
| "Special Brand" 16% Protein Dairy Feed | 16.0 | 15.9 | 2.5 | 3.2 | 15.0 | 12.7 |
| "Ideal Brand" 85% Grain Horse and Mule Feed | 10.0 | 10.3 | 3.0 | 3.0 | 12.0 | 7.2 |
| NASHVILLE COTTON OIL MILL, NASHVILLE, TENNESSEE | | | | | | |
| 41% Protein Cottonseed Meal | 41.0 | 42.1 | 3.0 | 4.1 | 13.0 | 10.2 |
| 41% Protein Cottonseed Meal | 41.0 | 41.5 | 3.0 | 4.0 | 13.0 | 10.4 |
| 41% Protein Cottonseed Meal | 41.0 | 40.8 | 3.0 | 3.9 | 13.0 | 12.5 |
| 41% Protein Cottonseed Meal | 41.0 | 42.1 | 3.0 | 4.0 | 13.0 | 11.8 |
| 41% Protein Cottonseed Meal | 41.0 | 41.8 | 3.0 | 5.0 | 13.0 | 10.0 |
| NATIONAL BISCUIT COMPANY, TOLEDO, OHIO | | | | | | |
| Namico Wheat Middlings with Screenings | 14.0 | 15.1 | 3.5 | 3.8 | 9.0 | 6.2 |
| Namico Wheat Middlings with Screenings | 14.0 | 15.0 | 3.5 | 3.9 | 9.0 | 6.5 |
| Namico Wheat Middlings with Screenings | 14.0 | 14.6 | 3.5 | 3.8 | 9.0 | 6.3 |
| NATIONAL OATS COMPANY, EAST ST. LOUIS, ILLINOIS | | | | | | |
| Corno 20% Protein Laying Mash | 20.0 | 20.7 | 3.0 | 4.2 | 8.0 | 6.0 |
| THE NEW ERA MILLING COMPANY, ARKANSAS CITY, KANSAS | | | | | | |
| Polar Bear Wheat Gray Shorts with Screenings | 16.0 | 16.2 | 4.0 | 4.4 | 6.0 | 6.1 |
| ** Polar Bear Wheat Gray Shorts with Screenings Contained mixed screenings | 16.0 | 17.0 | 4.0 | 4.0 | 6.0 | 5.4 ** |
| CHARLES NUNN AND SONS MILLING COMPANY, EVANSVILLE, INDIANA | | | | | | |
| Banner 17% All Mash with Cod Liver Oil | 17.0 | 18.2 | 2.5 | 4.3 | 6.5 | 4.8 |
| Nunn-Better 16% Milk Maker | 16.0 | 17.7 | 3.5 | 4.0 | 9.0 | 6.1 |
| Nunn-Better 40% Hog Supplement | 40.0 | 39.8 | 1.0 | 2.9 | 8.5 | 6.3 |
| "Nunn-Better Brand" Wheat Gray Shorts and Screenings | 13.0 | 14.9 | 3.0 | 3.9 | 6.0 | 4.4 |
| NUTRENA MILLS, INC., MINNEAPOLIS, MINNESOTA | | | | | | |
| Nutrena Egg Mash | 20.0 | 19.7 | 3.0 | 3.8 | 7.0 | 6.2 |
| OHIO VALLEY SOYBEAN COOPERATIVE, HENDERSON, KENTUCKY | | | | | | |
| Cardinal 44% Protein Solvent Extracted Soybean Oil Meal | 44.0 | 47.6 | .5 | .3 | 7.0 | 6.5 |
| Cardinal 44% Protein Solvent Extracted Soybean Oil Meal | 44.0 | 47.8 | .5 | .9 | 7.0 | 4.8 |
| OWENSBORO GRAIN COMPANY, OWENSBORO, KENTUCKY | | | | | | |
| ** Ograco Cob Feed (for cattle) | 9.0 | 8.4 | .4 | 1.2 | 25.5 | 21.1 ** |
| Ograco 44% Protein Solvent Extracted Soybean Oil Meal | 44.0 | 44.5 | .5 | .5 | 7.0 | 7.0 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|---|---------|-------|-------|-------|-------|--------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| OWENSBORO MILLING COMPANY, OWENSBORO, KENTUCKY | | | | | | |
| Sulfanilamide and 3-Nitro-4-Hydroxy-phenylarsonic Acid in Tru-Test 20% Broiler Mash | 20.0 | 22.9 | 3.0 | 4.2 | 4.5 | 4.4 |
| Sulfanilamide and 3-Nitro-4-Hydroxy-phenylarsonic Acid in Tru-Test 20% Broiler Mash | 20.0 | 21.6 | 3.0 | 3.6 | 4.5 | 3.7 |
| Tru-Test Laying Mash | 20.0 | 21.8 | 2.5 | 3.5 | 7.0 | 4.8 |
| Barnyard Hen Scratch | 8.3 | 9.8 | 3.0 | 3.3 | 3.0 | 2.2 |
| Tru-Test 16% Milk Maker | 16.0 | 17.1 | 4.0 | 4.4 | 10.0 | 8.0 |
| Sugar Lassie Dairy Feed | 16.0 | 17.5 | 2.5 | 3.2 | 15.0 | 12.8 |
| Tru-Test Brand Horse Feed | 9.5 | 9.3 | 3.5 | 3.3 | 4.0 | 3.4 |
| Tru-Test 40% Hog Supplement | 40.0 | 41.1 | 3.0 | 4.8 | 8.0 | 6.2 |
| Wheat Mixed Feed and Screenings | 14.0 | 14.1 | 3.0 | 3.7 | 7.0 | 6.7 |
| PAN AMERICAN MILLS, BOWLING GREEN, KENTUCKY | | | | | | |
| Green Valley 20% Dairy Feed | 20.0 | 20.7 | 4.0 | 4.0 | 15.0 | 9.1 |
| Green Valley 20% Dairy Feed | 20.0 | 19.9 | 4.0 | 3.5 | 15.0 | 8.8 |
| Bell Ringer 16% Dairy Feed | 16.0 | 16.6 | 3.0 | 3.7 | 15.0 | 12.2 |
| Bell Ringer 16% Dairy Feed | 16.0 | 16.2 | 3.0 | 3.3 | 15.0 | 10.6 |
| ** Sun-Ray 40% Hog Supplement | 40.0 | 41.9 | 2.5 | 3.4 | 7.0 | 7.6 ** |
| Wheat Gray Shorts | 14.0 | 15.5 | 3.0 | 4.3 | 6.0 | 3.0 |
| I. E. PAYNE AND COMPANY, EUBANK, KENTUCKY | | | | | | |
| "Farmers Choice Brand" 20% Protein Laying Mash | 20.0 | 20.6 | 3.5 | 4.2 | 7.0 | 6.8 |
| ** "Farmers Choice Brand" 20% Protein Laying Mash | 20.0 | 21.7 | 3.5 | 3.7 | 7.0 | 7.8 ** |
| PARAMOUNT FEED MILLS, LOUISVILLE, KENTUCKY | | | | | | |
| Paramount 24% More Milk Dairy Feed | 24.0 | 27.8 | 2.5 | 3.5 | 11.0 | 8.4 |
| PHILIP R. PARK, INC., SAN PEDRO, CALIFORNIA | | | | | | |
| Manamar 24% Mixing Feed | 24.0 | 25.5 | 3.0 | 5.1 | 10.0 | 8.2 |
| PENDLETON COUNTY MILLS, FALMOUTH, KENTUCKY | | | | | | |
| Mixed Feed | 15.0 | 15.3 | 4.0 | 3.5 | 9.0 | 5.9 |
| PEOPLES FEED AND MILL COMPANY, CAVE CITY, KENTUCKY | | | | | | |
| Peoples 18% Egg Mash | 18.0 | 18.6 | 2.5 | 3.7 | 7.0 | 5.3 |
| PILLSBURY MILLS, INC., CLINTON, IOWA | | | | | | |
| Pillsbury's Best Starter and Grower | 18.0 | 18.4 | 3.0 | 5.0 | 7.0 | 5.6 |
| 3-Nitro-4-Hydroxyphenylarsonic Acid and Sulfanilamide in Pillsbury's Best XXXX Broiler Mash | 20.0 | 20.7 | 3.0 | 3.4 | 5.5 | 3.8 |
| Pillsbury's Best 24% Dairy Feed | 24.0 | 24.2 | 2.5 | 2.8 | 8.5 | 6.3 |
| ** Pillsbury's Champion 20% Dairy Feed | 20.0 | 21.3 | 3.0 | 2.4 | 12.0 | 6.0 ** |
| Pillsbury's Champion 20% Dairy Feed | 20.0 | 21.9 | 3.0 | 3.1 | 12.0 | 6.1 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|--|---------|-------|-------|-------|-------|---------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| PILLSBURY MILLS, INC., (Cont'd) | | | | | | |
| ** Pillsbury's Champion 20% Dairy Feed Contained mixed screenings | 20.0 | 21.5 | 3.0 | 3.3 | 12.0 | 6.2 ** |
| Pillsbury's Champion 20% Dairy Feed | 20.0 | 21.7 | 3.0 | 3.5 | 12.0 | 6.1 |
| ** Pillsbury's Champion 20% Cattle Cubes Contained mixed screenings | 20.0 | 23.4 | 2.5 | 3.9 | 10.0 | 8.5 ** |
| Pillsbury's Champion 20% Cattle Cubes | 20.0 | 22.6 | 2.5 | 4.3 | 10.0 | 8.4 |
| Pillsbury's Best 16% Dairy Feed | 16.0 | 17.2 | 3.0 | 3.4 | 9.0 | 7.3 |
| Pillsbury's Best 16% Dairy Feed | 16.0 | 18.7 | 3.0 | 4.0 | 9.0 | 8.2 |
| Pillsbury's Best 16% Dairy Feed | 16.0 | 16.8 | 3.0 | 3.3 | 9.0 | 7.4 |
| Pillsbury's Best 16% Dairy Feed | 16.0 | 17.8 | 3.0 | 3.6 | 9.0 | 7.9 |
| Dutch Maid 16% Dairy Feed | 16.0 | 16.6 | 3.0 | 2.9 | 14.0 | 11.7 |
| ** Dutch Maid 16% Dairy Feed Contained mixed screenings | 16.0 | 17.0 | 3.0 | 3.3 | 14.0 | 11.3 ** |
| ** Dutch Maid 16% Dairy Feed Contained mixed screenings | 16.0 | 17.7 | 3.0 | 3.5 | 14.0 | 12.4 ** |
| ** Pillsbury's Champion 16% Cattle Cubes Contained mixed screenings | 16.0 | 22.2 | 3.0 | 4.6 | 20.0 | 9.2 ** |
| ** Pillsbury's Best Calf Ration | 19.0 | 21.7 | 2.5 | 3.2 | 8.0 | 9.2 ** |
| Pillsbury's Best Sheep Feed | 13.5 | 13.9 | 2.5 | 2.8 | 8.0 | 6.1 |
| Pillsbury's Champion Hog and Sow Ration | 18.0 | 18.0 | 2.5 | 3.1 | 8.0 | 6.4 |
| Pillsbury's Champion Hog and Sow Ration | 18.0 | 19.8 | 2.5 | 3.4 | 8.0 | 6.5 |
| Pillsbury's Champion Hog and Sow Ration | 18.0 | 20.5 | 2.5 | 3.4 | 8.0 | 7.2 |
| PILLSBURY MILLS, INC., LOUISVILLE, KENTUCKY | | | | | | |
| Pillsbury's Best Mixed Grain Pellets | 9.5 | 14.0 | 2.5 | 3.7 | 9.0 | 8.2 |
| ** Balco 16% Dairy Feed | 16.0 | 17.0 | 3.0 | 2.1 | 15.0 | 11.4 ** |
| Pillsbury's Champion Hog and Sow Ration | 18.0 | 21.4 | 3.0 | 3.3 | 8.0 | 6.8 |
| ** Pillsbury's Champion Hog and Sow Ration Contained mixed screenings | 18.0 | 19.9 | 3.0 | 3.5 | 8.0 | 7.0 ** |
| PILLSBURY MILLS, INC., MINNEAPOLIS, MINNESOTA | | | | | | |
| Ballard's Wheat Brown Shorts with Screenings | 16.0 | 16.2 | 3.5 | 4.3 | 7.5 | 7.1 |
| PRINCETON MILLS, PRINCETON, KENTUCKY | | | | | | |
| Chowmix Laying Feed (All Mash) | 15.0 | 17.4 | 3.0 | 3.8 | 7.0 | 3.5 |
| ** Chowmix Sow and Pig Feed | 16.0 | 14.4 | 3.0 | 3.8 | 6.0 | 3.2 ** |
| Chowmix Sow and Pig Feed | 16.0 | 16.2 | 3.0 | 3.7 | 6.0 | 4.2 |
| PROVICO FEEDS AND CONCENTRATES, CINCINNATI, OHIO | | | | | | |
| Provico Big V 20% Egg Mash | 20.0 | 19.9 | 3.0 | 7.8 | 8.0 | 6.6 |
| Provico Big V 24% Dairy Feed | 24.0 | 24.8 | 3.0 | 5.1 | 15.0 | 9.6 |
| Provico 20% Dairy Feed | 20.0 | 22.6 | 3.5 | 3.5 | 10.0 | 7.5 |
| Provico 18% Dairy Feed | 18.0 | 22.4 | 3.5 | 3.8 | 12.0 | 8.0 |
| PURCELL SEED COMPANY, EVANSVILLE, INDIANA | | | | | | |
| Purcell's 20% Laying Mash | 20.0 | 20.0 | 2.5 | 2.9 | 7.0 | 6.2 |
| Purcell's 18% Poultry Mash | 18.0 | 18.0 | 3.0 | 3.3 | 5.0 | 4.8 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|--|---------|-------|-------|-------|-------|--------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| THE QUAKER OATS COMPANY, CHICAGO, ILLINOIS | | | | | | |
| "Ful-O-Pep Brand" 20% Laying Mash | 20.0 | 19.9 | 3.0 | 4.1 | 8.0 | 8.0 |
| "Ful-O-Pep Brand" Scratch Grains | 8.5 | 10.1 | 2.5 | 2.8 | 3.5 | 2.0 |
| "Ful-O-Pep Milking Brand" Dairy Feed | 16.0 | 18.1 | 2.5 | 3.4 | 11.0 | 9.0 |
| RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI | | | | | | |
| Purina Turkey Fatena (Complete Ration) | 15.5 | 16.8 | 2.5 | 3.7 | 8.0 | 5.5 |
| Purina Turkey Growing Chow | 26.0 | 26.6 | 2.5 | 3.4 | 8.0 | 5.7 |
| Para-Aminobenzoic Acid and Aureomycin Hydrochloride in Purina Check-R-Aid | 20.0 | 21.2 | 3.0 | 4.8 | 6.0 | 4.2 |
| Para-Aminobenzoic Acid and Aureomycin Hydrochloride in Purina Check-R-Aid | 20.0 | 21.2 | 3.0 | 4.0 | 6.0 | 4.2 |
| Purina Poultry Booster Checkers | 24.0 | 25.3 | 2.5 | 4.0 | 8.0 | 4.7 |
| Purina Poultry Booster Checkers | 24.0 | 25.6 | 2.5 | 3.6 | 8.0 | 5.8 |
| 3-Nitro-4-Hydroxyphenylarsonic Acid in Purina Broiler Chow Starter | 22.0 | 21.8 | 3.0 | 4.2 | 5.0 | 4.2 |
| 3-Nitro-4-Hydroxyphenylarsonic Acid in Purina Broiler Chow Starter | 22.0 | 23.2 | 3.0 | 3.9 | 5.0 | 4.2 |
| Purina Chick Growing Chow | 23.0 | 24.3 | 2.5 | 3.1 | 8.0 | 5.9 |
| Purina Lay Chow | 20.0 | 20.8 | 2.5 | 3.5 | 6.5 | 5.2 |
| Purina Lay Chow | 20.0 | 21.6 | 2.5 | 3.8 | 6.5 | 5.8 |
| Purina Layena (Complete Ration) | 15.5 | 16.4 | 3.0 | 3.3 | 6.0 | 4.0 |
| Purina Layena (Complete Ration) | 15.5 | 18.0 | 3.0 | 4.0 | 6.0 | 4.3 |
| Purina Layena (Complete Ration) | 15.5 | 16.8 | 3.0 | 4.0 | 6.0 | 4.7 |
| Purina All Mash Cage Layena | 18.0 | 19.8 | 2.5 | 4.2 | 6.5 | 5.8 |
| Purina Hen Chow | 9.0 | 9.5 | 2.0 | 2.4 | 5.0 | 1.9 |
| Purina Cow Chow Supplement | 24.0 | 25.5 | 2.5 | 2.7 | 11.0 | 7.5 |
| Cow Chow Supplement | 24.0 | 26.3 | 2.5 | 2.9 | 11.0 | 7.7 |
| Purina Cow Chow 18% | 18.0 | 19.5 | 3.0 | 2.7 | 10.0 | 8.2 |
| Purina Milk Chow | 16.0 | 17.0 | 2.5 | 3.2 | 10.0 | 6.7 |
| Purina Milk Chow | 16.0 | 16.7 | 2.5 | 3.1 | 10.0 | 6.9 |
| Purina Dry and Freshening Chow | 12.5 | 13.3 | 2.5 | 3.4 | 12.0 | 9.2 |
| Purina Range Checkers A | 20.0 | 21.0 | 2.5 | 3.1 | 8.0 | 7.7 |
| Purina Range Checkers A | 20.0 | 19.8 | 2.5 | 2.8 | 8.0 | 7.3 |
| Purina Range Checkers A | 20.0 | 22.9 | 2.5 | 3.3 | 8.0 | 6.3 |
| Purina Steer Fatena | 32.0 | 36.5 | 2.0 | 1.9 | 8.0 | 7.3 |
| Purina Steer Fatena | 32.0 | 33.6 | 2.0 | 1.7 | 8.0 | 5.9 |
| Purina Steer Fatena | 32.0 | 36.1 | 2.0 | 1.6 | 8.0 | 6.1 |
| Purina Steer Fatena | 32.0 | 34.8 | 2.0 | 2.0 | 8.0 | 6.6 |
| ** Purina Steer Fatena (Corn Belt) | 32.0 | 34.1 | 2.5 | 1.8 | 8.0 | 6.0 ** |
| ** Purina Steer Fatena (Corn Belt) | 32.0 | 30.8 | 2.5 | 1.9 | 8.0 | 8.3 ** |
| ** Purina Special Steer Fatena | 32.0 | 31.8 | 2.0 | 2.2 | 8.0 | 8.7 ** |
| Purina Special Steer Fatena | 32.0 | 32.2 | 2.0 | 2.4 | 8.0 | 8.0 |
| Purina Sheep Checkers A | 20.0 | 22.0 | 2.5 | 2.5 | 8.0 | 7.4 |
| Purina Rabbit Chow Checkers (Complete Ration) | 15.0 | 16.4 | 2.0 | 3.1 | 18.0 | 14.0 |
| Purina Hog Fatena (Complete Ration) | 14.0 | 15.3 | 2.5 | 3.5 | 7.0 | 3.1 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|--|---------|-------------|-------|------------|-------|----------------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| RANDOLPH MILLING COMPANY, BANDANA, KENTUCKY | | | | | | |
| "Nu-Joy Brand" 16% Protein Dairy Feed | 16.0 | 17.1 | 2.5 | 3.0 | 10.0 | 10.4 |
| ** 16% Protein Hog Fattener and Grower | 16.0 | 16.0 | 4.8 | 3.2 | 6.0 | 5.1 ** |
| ** 16% Protein Hog Fattener and Grower | 16.0 | 16.7 | 4.8 | <u>3.8</u> | 6.0 | 4.7 ** |
| Contained weed seeds | | | | | | |
| ROBBINS BROTHERS, AUBURN, KENTUCKY | | | | | | |
| ** Hominy Feed | 10.0 | <u>9.0</u> | 7.0 | <u>4.8</u> | 8.0 | 8.4 ** |
| Very much below guarantee in fat | | | | | | |
| Hominy Feed | 10.0 | 10.3 | 7.0 | 7.4 | 8.0 | 7.0 |
| ROBERTS BROTHERS, BURLINGTON, KENTUCKY | | | | | | |
| Big Lucy 24% Dairy Feed | 24.0 | 24.6 | 3.0 | 3.7 | 10.0 | 10.0 |
| ROBINSON MILLING COMPANY, INC., SOMERSET, KENTUCKY | | | | | | |
| "Sun-Ray Brand" Scratch Feed | 9.0 | 8.9 | 3.0 | 3.0 | 3.5 | 2.2 |
| Green Valley 24% Dairy Feed | 24.0 | 24.3 | 3.5 | 3.6 | 14.0 | 12.2 |
| Sun-Ray 20% Dairy Feed | 20.0 | 21.5 | 3.0 | 2.7 | 12.0 | 10.8 |
| Sun-Ray 20% Dairy Feed | 20.0 | 20.6 | 3.0 | 2.9 | 12.0 | 10.3 |
| Green Valley 16% Dairy Feed | 16.0 | 15.9 | 3.0 | 3.3 | 15.0 | 12.2 |
| ** Green Valley 16% Dairy Feed | 16.0 | <u>15.0</u> | 3.0 | 3.6 | 15.0 | 13.9 ** |
| Contained mixed screenings | | | | | | |
| ** Happy Home 16% Sweet Dairy Feed | 16.0 | 15.5 | 3.0 | <u>2.3</u> | 15.0 | 14.6 ** |
| Contained mixed screenings | | | | | | |
| ** Booster Horse and Mule Feed | 10.0 | 10.0 | 2.5 | 2.6 | 15.0 | 12.9 ** |
| Contained unground weed seeds | | | | | | |
| ROSS FEED COMPANY, MURRAY, KENTUCKY | | | | | | |
| "Standard Brand" 35% Sow and Pig Supplement | 35.0 | 35.8 | 3.0 | 3.7 | 8.0 | 7.6 |
| ** "Standard Brand" Wheat Bran and Screenings | 14.5 | 14.9 | 4.0 | 4.2 | 9.5 | <u>10.8</u> ** |
| ** Ground Oats | 12.0 | <u>10.6</u> | 4.5 | 4.5 | 12.0 | <u>15.2</u> ** |
| Very much above guarantee in fiber | | | | | | |
| SAM RYLE, BURLINGTON, KENTUCKY | | | | | | |
| R & H 18% Protein Dairy Feed | 18.0 | 19.8 | 3.0 | 3.1 | 10.0 | 6.4 |
| SALT LICK MILLING COMPANY, SALT LICK, KENTUCKY | | | | | | |
| ** Scratch Feed | 10.0 | 10.8 | 3.0 | <u>2.2</u> | 3.0 | 2.4 ** |
| Contained unground corn cockle | | | | | | |
| SANDUSKY BROTHERS, HARRODSBURG, KENTUCKY | | | | | | |
| Cracked Corn and Wheat | 9.5 | 9.8 | 3.0 | 2.7 | 3.0 | 2.1 |
| Wheat Mixed Feed | 14.5 | 15.8 | 3.5 | 4.5 | 8.0 | 8.0 |
| J. F. SCHNEIDER AND SON, INC., MIDDLESBORO, KENTUCKY | | | | | | |
| ** "Cudjo Brand" 50% Protein Tankage | 50.0 | <u>48.0</u> | 10.5 | 13.1 | 2.5 | 1.4 ** |
| Very much below guarantee in protein | | | | | | |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|--|---------|-------------|-------|------------|-------|---------------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| SCHULTZ, BAUJAN COMPANY, BEARDSTOWN, ILLINOIS | | | | | | |
| Critic All Mash Laying Ration | 16.0 | 16.0 | 3.0 | 4.7 | 8.0 | 5.2 |
| Critic 16% Dairy Feed | 16.0 | 18.5 | 2.5 | 2.6 | 15.0 | 12.9 |
| SECURITY MILLS, INC., KNOXVILLE, TENNESSEE | | | | | | |
| "Security Brand" 19% Protein Sow and Pig Feed | 19.0 | 21.8 | 3.5 | 3.7 | 6.0 | 5.2 |
| "Security Brand" 16% Protein Fattening Hog Feed | 16.0 | 17.9 | 3.0 | 3.7 | 8.0 | 5.3 |
| SHAKER SEED AND FEED COMPANY, SOUTH UNION, KENTUCKY | | | | | | |
| Shakers Pride 20% Egg Mash | 20.0 | 20.3 | 2.5 | 3.5 | 7.0 | 5.0 |
| SHELLABARGER MILLS, DECATUR, ILLINOIS | | | | | | |
| Shellabarger 41% Protein Soybean Oil Meal | 41.0 | 45.9 | 3.5 | 4.4 | 7.5 | 6.3 |
| SIMPSON COUNTY MILLS, FRANKLIN, KENTUCKY | | | | | | |
| Crushed Snapped Corn | 8.0 | 8.1 | 3.2 | 3.2 | 8.0 | 7.5 |
| SLAUGHTERS MILLING COMPANY, SLAUGHTERS, KENTUCKY | | | | | | |
| ** Mixed Feed | 12.0 | 14.8 | 4.0 | <u>3.4</u> | 8.7 | 6.4 ** |
| Wheat Mixed Feed and Ground Screenings | 13.5 | 14.6 | 3.0 | <u>3.1</u> | 8.5 | 5.4 |
| J. ALLEN SMITH AND COMPANY, KNOXVILLE, TENNESSEE | | | | | | |
| "Peerless Brand" Feed | 13.5 | 14.0 | 3.5 | 4.0 | 8.5 | 6.5 |
| SMITHFIELD MILLING COMPANY, SMITHFIELD, KENTUCKY | | | | | | |
| Mixed Feed | 14.5 | 15.1 | 4.0 | 4.7 | 8.0 | 3.4 |
| SOUTHERN STATES LOUISVILLE COOPERATIVE, LOUISVILLE, KENTUCKY | | | | | | |
| ** Dried Beet Pulp with Molasses | 7.0 | 10.0 | 1.5 | <u>.5</u> | 20.0 | 17.5 ** |
| SOUTHERN STATES HOPKINSVILLE COOPERATIVE, HOPKINSVILLE, KENTUCKY | | | | | | |
| 16% Drought Emergency Dairy Feed | 16.0 | 17.2 | 3.5 | 4.0 | 7.0 | 5.6 |
| WOODFORD SPEARS AND SONS, PARIS, KENTUCKY | | | | | | |
| Bourbon 18% Protein Laying Mash | 18.0 | 20.0 | 2.5 | 3.9 | 7.0 | 5.5 |
| ** Bourbon 24% Protein Dairy Feed | 24.0 | 25.7 | 2.5 | <u>1.8</u> | 10.0 | 7.8 ** |
| ** Bourbon 24% Protein Dairy Feed | 24.0 | 26.3 | 2.5 | 2.6 | 10.0 | 7.4 ** |
| Contained unground wheat cheat | | | | | | |
| ** Bourbon 18% Protein Dairy Feed | 18.0 | 18.6 | 2.5 | 2.9 | 3.0 | <u>5.6</u> ** |
| Contained unground wheat cheat | | | | | | |
| Bourbon 18% Protein Dairy Feed | 18.0 | 18.7 | 2.5 | 2.0 | 13.0 | 6.0 |
| STANDARD MILLING COMPANY, ELKTON, KENTUCKY | | | | | | |
| ** Bob White 20% Laying Mash | 20.0 | <u>19.4</u> | 3.5 | 4.3 | 6.0 | 5.2 ** |
| A. E. STALEY MANUFACTURING COMPANY, DECATUR, ILLINOIS | | | | | | |
| Staley's 44% Protein Solvent Extracted Soybean Oil Meal | 44.0 | 44.9 | .5 | .5 | 7.0 | 5.9 |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|--|---------|-------------|-------|------------|-------|---------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| A. E. STALEY MANUFACTURING COMPANY, DECATUR, ILLINOIS (Cont'd) | | | | | | |
| Staley's 44% Protein Solvent Extracted Soybean Oil Meal | 44.0 | 44.1 | .5 | .9 | 7.0 | 7.2 |
| Sta-Mino "42" (A 42% Protein Feed Ingredient Product) | 42.0 | 43.7 | 4.0 | 5.1 | 7.0 | 5.3 |
| Sta-Mino "42" (A 42% Protein Feed Ingredient Product) | 42.0 | 44.3 | 4.0 | 5.3 | 7.0 | 5.6 |
| STALEY MILLING COMPANY, KANSAS CITY, MISSOURI | | | | | | |
| Karmels "B" Pellets | 22.0 | 24.4 | 2.5 | 3.5 | 12.0 | 11.6 |
| Full Pail 18% Dairy Feed | 18.0 | 19.5 | 2.5 | 2.7 | 15.0 | 11.5 |
| STANDARD FEED MILLING COMPANY, ATLANTA, GEORGIA | | | | | | |
| Super Quality Nu-Day Lay Brand 21% Laying Mash | 21.0 | 21.1 | 2.5 | 2.3 | 5.7 | 4.0 |
| Super Quality Nu-Day-Lay Brand 21% Laying Mash | 21.0 | 23.2 | 2.5 | 3.2 | 5.7 | 3.3 |
| Kentucky Brand 16% Dairy Feed | 16.0 | 20.6 | 2.5 | 2.2 | 10.0 | 9.0 |
| Wheat Gray Shorts and Screenings | 16.0 | 16.7 | 4.0 | 4.2 | 6.0 | 6.0 |
| STANDARD MILLING COMPANY, ELKTON, KENTUCKY | | | | | | |
| ** Cracked Corn | 9.0 | <u>8.0</u> | 3.7 | <u>2.7</u> | 2.5 | 1.8 ** |
| STURGIS MILLING COMPANY, STURGIS, KENTUCKY | | | | | | |
| "Neva-Fail Vim Brand" 21% Egg Mash | 21.0 | 20.9 | 2.5 | 4.0 | 6.5 | 6.9 |
| "Neva-Fail" Scratch Feed | 8.0 | 9.8 | 3.5 | 3.2 | 4.0 | 2.2 |
| "Hoppys" 40% Hog Supplement | 40.0 | 42.5 | 3.0 | 5.9 | 8.0 | 4.5 |
| SUMMER SHADE ROLLER MILLS, SUMMER SHADE, KENTUCKY | | | | | | |
| Summer Shade 24% Dairy Feed | 24.0 | 25.3 | 2.5 | 3.2 | 10.0 | 6.2 |
| ** "Special Brand" 24% Dairy Feed | 24.0 | 23.2 | 2.5 | 2.4 | 10.0 | 7.9 ** |
| Summer Shade 16% Dairy Feed | 16.0 | 16.1 | 2.5 | 2.4 | 10.0 | 6.5 |
| Summer Shade Egg Laying Mash | 20.0 | 23.1 | 2.5 | 3.4 | 8.0 | 5.2 |
| SUN-RAY FEED MILLS, BOWLING GREEN, KENTUCKY | | | | | | |
| "Sun-Ray" 20% Protein Laying and Breeder Mash | 20.0 | 21.7 | 4.0 | 4.3 | 6.0 | 5.3 |
| "Sun-Ray" 24% Sweet Dairy Feed | 24.0 | 24.6 | 4.0 | 4.5 | 10.0 | 8.8 |
| "Sun-Ray" 16% Protein Dairy Feed | 16.0 | 16.2 | 3.5 | 4.7 | 10.0 | 5.7 |
| "Sun-Ray" 16% Dairy Feed | 16.0 | 17.1 | 3.5 | 4.7 | 10.0 | 5.8 |
| Green Valley 16% Dairy Feed | 16.0 | 15.7 | 3.0 | 4.3 | 15.0 | 8.4 |
| ** "Booster Brand" 16% Stock Feed | 16.0 | <u>14.9</u> | 3.5 | 4.2 | 9.0 | 7.2 ** |
| "Booster Brand" 16% Stock Feed | 16.0 | 16.0 | 3.5 | 4.9 | 9.0 | 7.3 |
| "Boster Brand" 18% Protein Pig and Hog Feed | 18.0 | 19.3 | 4.0 | 5.4 | 7.0 | 6.9 |
| SUN-RAY FEED MILLS, LEXINGTON, KENTUCKY | | | | | | |
| "Sun-Ray" Egg Mash | 20.0 | 21.4 | 3.5 | 3.4 | 7.0 | 4.9 |
| "Sun-Ray" 20% Egg Mash | 20.0 | 20.6 | 3.5 | 3.5 | 7.0 | 6.2 |
| "Sun-Ray" Scratch Feed | 8.0 | 8.9 | 3.0 | 2.8 | 3.0 | 1.7 |
| ** Green Valley 24% Dairy Feed | 24.0 | 25.0 | 3.5 | <u>2.8</u> | 14.0 | 12.4 ** |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|--|---------|-------|-------|-------|-------|---------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| SUN-RAY FEED MILLS, LEXINGTON, KENTUCKY (Cont'd) | | | | | | |
| Green Valley Special 24% Dairy Feed | 24.0 | 24.9 | 2.5 | 2.9 | 10.0 | 9.6 |
| Green Valley Special 24% Dairy Feed | 24.0 | 24.6 | 2.5 | 3.8 | 10.0 | 10.1 |
| ** Sun-Ray 20% Dairy Feed | 20.0 | 21.5 | 3.0 | 3.2 | 12.0 | 11.3 ** |
| Contained mixed screenings | | | | | | |
| ** Green Valley Special 16% Dairy Feed | 16.0 | 16.9 | 2.5 | 3.0 | 10.0 | 11.0 ** |
| Green Valley Special 16% Dairy Feed | 16.0 | 17.2 | 2.5 | 3.2 | 10.0 | 10.4 |
| Green Valley Special 16% Dairy Feed | 16.0 | 16.1 | 2.5 | 2.9 | 10.0 | 10.3 |
| ** Sugar Creek 16% Dairy Feed | 16.0 | 15.7 | 2.5 | 2.9 | 10.0 | 12.0 ** |
| Sun-Ray 14% Steer Feed (Pellets) for Steers on Winter Pasture | 14.0 | 14.0 | 2.5 | 2.3 | 17.0 | 15.8 |
| SUNSHINE STORES, INC., FORT WAYNE, INDIANA | | | | | | |
| Red Feather 20% Dairy Feed | 20.0 | 22.8 | 2.5 | 2.8 | 12.0 | 8.8 |
| SUPREME FEED MILLS, GLASGOW, KENTUCKY | | | | | | |
| "Supreme Brand" 20% Protein Laying Mash | 20.0 | 20.7 | 3.5 | 4.8 | 7.0 | 4.5 |
| ** "Supreme Brand" 32% Dairy Supplement | 32.0 | 30.5 | 3.0 | 4.0 | 9.0 | 11.1 ** |
| Very much above guarantee in fiber | | | | | | |
| "Feeders Pride" 24% Protein Dairy Feed | 24.0 | 24.1 | 2.0 | 4.0 | 15.0 | 10.0 |
| ** "Feeders Pride" 24% Protein Dairy Feed | 24.0 | 22.3 | 2.5 | 2.2 | 15.0 | 11.4 ** |
| ** "Feeders Pride" 24% Protein Dairy Feed | 24.0 | 22.9 | 2.5 | 2.7 | 15.0 | 11.1 ** |
| "Premo Brand" 24% Dairy Feed | 24.0 | 23.6 | 3.0 | 5.8 | 12.5 | 12.9 |
| ** "Premo Brand" 24% Dairy Feed | 24.0 | 22.5 | 3.0 | 4.8 | 12.5 | 11.2 ** |
| ** "Premo Brand" 24% Dairy Feed | 24.0 | 22.7 | 3.0 | 4.6 | 12.5 | 12.0 ** |
| ** "Premo Brand" 24% Dairy Feed | 24.0 | 22.8 | 3.0 | 5.5 | 12.5 | 12.6 ** |
| ** "Supreme Special" 20% Protein Dairy Feed | 20.0 | 18.4 | 3.5 | 4.4 | 10.0 | 8.2 ** |
| "Supreme" 16% Dairy Feed | 16.0 | 16.1 | 2.5 | 4.5 | 10.0 | 8.5 |
| ** "Feeders Pride" 16% Protein Dairy Feed | 16.0 | 15.7 | 2.5 | 3.6 | 15.0 | 16.6 ** |
| ** "Feeders Pride" 16% Protein Dairy Feed | 16.0 | 16.3 | 2.5 | 4.3 | 15.0 | 16.0 ** |
| ** "Feeders Pride" 16% Protein Dairy Feed | 16.0 | 15.4 | 2.5 | 3.3 | 15.0 | 12.6 ** |
| ** "Feeders Pride" 16% Protein Dairy Feed | 16.0 | 15.5 | 2.5 | 3.5 | 15.0 | 13.9 ** |
| Contained excess cob | | | | | | |
| ** "Supreme Brand" Horse and Mule Feed | 9.0 | 9.0 | 3.5 | 2.6 | 12.0 | 4.1 ** |
| ** "Supreme Brand" Horse and Mule Feed | 9.0 | 8.9 | 3.5 | 2.9 | 12.0 | 4.1 ** |
| "Supreme Brand" Horse and Mule Feed | 9.0 | 9.4 | 3.5 | 3.1 | 12.0 | 3.7 |
| "Premo Brand" 40% Protein Hog Supplement | 40.0 | 40.1 | 4.0 | 5.6 | 8.0 | 7.0 |
| ** "Premo Brand" 40% Protein Hog Supplement | 40.0 | 38.2 | 4.0 | 6.2 | 8.0 | 6.5 ** |
| ** "Supreme Brand" Wheat Shorts with Screenings | 16.0 | 16.7 | 4.0 | 3.9 | 7.5 | 6.1 ** |
| Contained mixed screenings | | | | | | |
| "Supreme Brand" Wheat Bran with Screenings | 15.0 | 17.5 | 3.7 | 4.1 | 10.0 | 9.0 |
| ** "Supreme Brand" Ground Wheat | 12.0 | 11.1 | 2.0 | 2.2 | 3.0 | 2.8 ** |
| Contained mixed screenings | | | | | | |
| "Supreme Brand" 41% Protein Soybean Oil Meal | 41.0 | 44.9 | 3.5 | 5.6 | 7.0 | 5.6 |
| ** "Supreme Brand" 41% Protein Cottonseed Meal | 41.0 | 40.2 | 5.0 | 6.4 | 12.0 | 11.4 ** |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|---|---------|-------------|-------|------------|-------|---------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| SUPREME FEED MILLS, GLASGOW, KENTUCKY (Cont'd) | | | | | | |
| ** "Supreme Brand" 55% Protein Meat Scraps | 55.0 | <u>45.8</u> | 3.0 | 15.0 | 3.0 | 2.1 ** |
| Very much below guarantee in protein | | | | | | |
| "Supreme Brand" Cracked Corn | 7.0 | 8.5 | 2.0 | 2.3 | 3.0 | 1.0 |
| 65% Ground Corn Cobs & Molasses | 2.0 | 3.4 | .2 | .6 | 25.0 | 22.5 |
| 65% Ground Corn Cobs & Molasses | 2.0 | 3.7 | .2 | .3 | 25.0 | 23.6 |
| D. B. SUTHERLAND AND SONS, BLOOMFIELD, KENTUCKY | | | | | | |
| Kentucky Star 20% Protein Laying Mash | 20.0 | 22.5 | 3.5 | 5.2 | 7.0 | 6.8 |
| Kentucky Star 24% Dairy Feed | 24.0 | 24.8 | 3.0 | 3.4 | 10.0 | 8.5 |
| Kentucky Star 24% Dairy Feed | 24.0 | 25.5 | 3.0 | 3.7 | 10.0 | 8.3 |
| Kentucky Star 15% Protein Hog Feed | 15.0 | 15.8 | 3.5 | 6.0 | 7.0 | 6.4 |
| SWEET FEED MILLS, BOWLING GREEN, KENTUCKY | | | | | | |
| "Ace Brand" 20% Protein Laying Mash | 20.0 | 21.3 | 2.5 | 4.3 | 8.0 | 5.1 |
| Freshgood 24% Dairy Feed | 24.0 | 27.0 | 3.0 | 3.1 | 10.0 | 7.1 |
| Freshgood 16% Dairy Feed | 16.0 | 16.7 | 3.0 | 3.4 | 10.0 | 9.0 |
| SWEET FEEDS, HOPKINSVILLE, KENTUCKY | | | | | | |
| "Thrift Brand" 16% Dairy Feed | 16.0 | 18.4 | 2.5 | 2.3 | 15.0 | 9.7 |
| SWIFT AND COMPANY, CHICAGO, ILLINOIS | | | | | | |
| Swift's 20% Egg Mash | 20.0 | 22.5 | 3.0 | 3.8 | 8.0 | 6.2 |
| Swift's 16% Protein Rabbit Ration (Pellet Form) | 16.0 | 17.1 | 2.0 | 4.2 | 20.0 | 13.3 |
| Cotton Bloom 41% Protein Cottonseed Meal | 41.0 | 41.0 | 5.0 | 6.0 | 12.0 | 12.3 |
| Swift's 41% Cottonseed Meal | 41.0 | 41.1 | 4.0 | 6.1 | 13.0 | 11.3 |
| ** Swift's 41% Cottonseed Meal | 41.0 | <u>40.1</u> | 4.0 | 4.6 | 13.0 | 13.0 ** |
| TABOR HATCHERY AND BUILDING SUPPLY COMPANY, COLUMBIA, KENTUCKY | | | | | | |
| Tabor's 16% Protein Dairy Feed | 16.0 | 18.8 | 3.0 | 2.5 | 10.0 | 6.4 |
| TARTER'S FEED MILLS, LIBERTY, KENTUCKY | | | | | | |
| "Tarter's Special Brand" 16% Dairy Feed | 16.0 | 15.7 | 3.0 | 2.8 | 10.0 | 7.2 |
| TAYLOR COUNTY IMPLEMENT AND FEED COMPANY, CAMPBELLSVILLE, KENTUCKY | | | | | | |
| "Economy Brand" 16% Dairy Feed | 16.0 | 16.4 | 3.0 | 3.3 | 9.5 | 7.1 |
| TELL CITY FLOURING MILLS, TELL CITY, INDIANA | | | | | | |
| "Kentuck" 20% Laying Mash | 20.0 | 20.0 | 3.5 | 4.4 | 8.0 | 6.1 |
| "Kentuck" 20% Laying Mash | 20.0 | 19.9 | 3.5 | 4.5 | 8.0 | 5.7 |
| Hoosier Poultry Scratch Feed | 10.0 | 9.8 | 3.0 | 3.4 | 5.0 | 3.2 |
| Hoosier Cattle Roughage Feed-70% Ground Corn Cobs, Molasses, Soybean Oil Meal, Vitamin A & D Feeding Oil & Minerals | 9.0 | 15.0 | .5 | .8 | 25.0 | 18.5 |
| THOMERSON MILLING COMPANY, GLASGOW, KENTUCKY | | | | | | |
| Thomerson 16% Protein Dairy Feed | 16.0 | 15.7 | 3.5 | 4.2 | 10.0 | 10.1 |
| TILFORD AND WALTERS MILL, METROPOLIS, ILLINOIS | | | | | | |
| ** Masco 34% Protein Dairy Supplement | 34.0 | 35.4 | 4.0 | <u>1.9</u> | 10.0 | 8.2 ** |

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

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|---|---------|-------|-------|-------|-------|---------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| TILFORD AND WALTERS MILL, METROPOLIS, ILLINOIS (Cont'd) | | | | | | |
| J & J 40% Protein Hog Supplement | 40.0 | 44.2 | 2.5 | 2.6 | 8.0 | 5.7 |
| Masco 28% Pig and Sow Supplement | 28.0 | 30.9 | 3.0 | 3.5 | 6.0 | 6.1 |
| Masco Pig Starter | 20.0 | 23.7 | 3.0 | 4.1 | 6.0 | 5.0 |
| Masco Pig Starter | 20.0 | 22.2 | 3.0 | 3.3 | 6.0 | 5.0 |
| 0.3% Sodium Fluoride in Rid-Egg Worm Expeller Hog Feed | 16.0 | 18.0 | 3.0 | 3.8 | 8.8 | 7.7 |
| TRENTON COTTON OIL COMPANY, TRENTON, TENNESSEE | | | | | | |
| "Trenton Brand" 41% Protein Cottonseed Meal | 41.0 | 40.7 | 5.0 | 5.6 | 12.0 | 10.5 |
| TRI-STATE MILLS, KENOVA, WEST VIRGINIA | | | | | | |
| Daisy 24% Dairy Feed | 24.0 | 24.1 | 2.5 | 2.3 | 15.0 | 11.3 |
| THE UBIKO MILLING COMPANY, CINCINNATI, OHIO | | | | | | |
| Nitrofurazone in Life Guard Hi-Proof Broiler Ration | | | | | | |
| Life Guard All-Mash Laying Ration | 21.0 | 22.1 | 3.5 | 3.3 | 4.5 | 4.5 |
| Life Guard All-Mash Laying Ration | 16.0 | 19.0 | 3.5 | 4.3 | 7.0 | 6.3 |
| Life Guard All-Mash Laying Ration | 16.0 | 17.8 | 3.5 | 3.9 | 7.0 | 6.6 |
| Life Guard All-Mash Laying Ration | 16.0 | 16.8 | 3.5 | 4.2 | 7.0 | 6.1 |
| Sunbeam Laying Mash | 20.0 | 21.5 | 3.0 | 3.3 | 8.0 | 7.7 |
| Union Grains Life Guard 24% Dairy Feed | 24.0 | 27.9 | 2.5 | 2.8 | 10.0 | 7.3 |
| Union Grains Life Guard 24% Dairy Feed (with Pellets) | 24.0 | 25.7 | 2.5 | 3.1 | 10.0 | 7.2 |
| Union Grains Life Guard 20% Dairy Feed | 20.0 | 19.9 | 2.5 | 3.2 | 10.0 | 6.9 |
| Special Union Grains Life Guard 18% Dairy Feed | 18.0 | 20.5 | 2.5 | 2.6 | 12.0 | 9.5 |
| ** Sunbeam 16% Dairy Feed | 16.0 | 18.7 | 2.5 | 2.8 | 15.0 | 12.4 ** |
| Contained mixed screenings | | | | | | |
| Life Guard 40% Hog Supplement | 40.0 | 40.0 | 2.5 | 2.9 | 8.0 | 6.8 |
| ** Life Guard 40% Hog Supplement | 40.0 | 33.4 | 2.5 | 2.8 | 8.0 | 6.6 ** |
| Very much below guarantee in protein | | | | | | |
| VALIER AND SPIES MILLING COMPANY, ST. LOUIS, MISSOURI | | | | | | |
| Valiers Wheat Bran | 14.5 | 17.5 | 3.5 | 3.6 | 10.5 | 8.2 |
| VITALITY MILLS, INC., CHICAGO, ILLINOIS | | | | | | |
| Vitality Brand Turkey Grower | 20.0 | 21.8 | 3.0 | 4.0 | 8.0 | 8.1 |
| "Vitality's Egg-A-Day Brand" Egg Mash | 20.0 | 22.4 | 3.5 | 3.7 | 8.0 | 8.2 |
| "Vitality Brand" Poultry Scratch | 9.0 | 9.5 | 2.5 | 2.3 | 5.0 | 2.3 |
| ** "Vitality Brand" Poultry Scratch | 9.0 | 9.9 | 2.5 | 2.1 | 5.0 | 2.6 ** |
| Contained unground weed seeds | | | | | | |
| "Vitality All-in-One Brand" Rabbit Pellets | 14.0 | 16.1 | 2.0 | 3.1 | 15.0 | 13.5 |
| VYLACTOS LABORATORIES, INC., DES MOINES, IOWA | | | | | | |
| Omalass (Cane Blackstrap Molasses and Corn Oil Meal) | 9.0 | 10.8 | .4 | 1.4 | 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.

| MANUFACTURER, BRAND AND REMARKS | Protein | | Fat | | Fiber | |
|--|---------|-------------|-------|------------|-------|--------|
| | Guar. | Found | Guar. | Found | Guar. | Found |
| WEISHEIMER BROTHERS, COLUMBUS, OHIO | | | | | | |
| Jewel Fancy, Wheat Flour Middlings with Screenings | 12.5 | 13.1 | 3.5 | 4.1 | 6.0 | 5.1 |
| WEISENBERGER SANITARY FLOUR MILL, MIDWAY, KENTUCKY | | | | | | |
| ** "Repeater" Scratch | 10.0 | 9.8 | 3.0 | 3.3 | 3.5 | 2.2 ** |
| Contained unground corn cockle | | | | | | |
| ** "Repeater" Scratch | 10.0 | 10.0 | 3.0 | 3.6 | 3.5 | 2.4 ** |
| Contained unground corn cockle | | | | | | |
| Mixed Feed | 12.5 | 13.2 | 4.0 | 5.4 | 10.5 | 9.3 |
| WEST NINTH STREET MILL, OWENSBORO, KENTUCKY | | | | | | |
| Ravar 20% Egg Mash | 20.0 | 20.1 | 2.5 | 3.4 | 7.0 | 5.6 |
| Ravar Calf Feed | 15.0 | 15.0 | 2.5 | 3.4 | 8.5 | 5.8 |
| WILLIAMSTOWN ROLLER MILL, WILLIAMSTOWN, KENTUCKY | | | | | | |
| ** "Our Own" 16% Protein Pig and Sow Meal | 16.0 | <u>14.2</u> | 4.0 | <u>3.3</u> | 6.0 | 4.1 ** |
| ** "Our Own" 16% Protein Pig and Sow Meal | 16.0 | <u>13.9</u> | 4.0 | <u>3.6</u> | 6.0 | 3.7 ** |
| Very much below guarantee in protein | | | | | | |
| "Our Own" Crushed Ear Corn & Molasses | 8.0 | 8.0 | 2.5 | 2.8 | 10.0 | 5.7 |
| WINN MILLING COMPANY, GREENSBURG, KENTUCKY | | | | | | |
| ** "Tasty Brand" 32% Dairy Supplement | 32.0 | <u>30.7</u> | 3.0 | 2.5 | 12.0 | 7.6 ** |
| ** "Tasty Brand" 32% Dairy Supplement | 32.0 | <u>30.9</u> | 3.0 | 2.7 | 12.0 | 9.0 ** |
| "Daisy" 20% Dairy Feed | 20.0 | <u>19.5</u> | 2.5 | 2.3 | 15.0 | 10.7 |
| "Daisy" 17% Protein Pig and Sow Feed | 17.0 | 18.9 | 3.0 | 4.0 | 6.0 | 6.1 |
| WINN AND TOBIN MILLING COMPANY, MARION, KENTUCKY | | | | | | |
| Daisy 20% Protein Laying Mash | 20.0 | 20.2 | 3.0 | 3.7 | 8.0 | 5.6 |
| ** Daisy 16% Protein Dairy Feed | 16.0 | 16.3 | 3.5 | <u>2.5</u> | 10.0 | 9.8 ** |
| WOODFORD FEED COMPANY, VERSAILLES, KENTUCKY | | | | | | |
| Big W Broiler Starter and Grower | 20.0 | 19.6 | 2.5 | 3.3 | 7.0 | 3.3 |
| Big W 18% Egg Mash | 18.0 | 18.4 | 3.5 | 3.4 | 8.0 | 4.4 |
| Big W Scratch Feed | 9.0 | 9.7 | 2.0 | 3.0 | 7.0 | 3.1 |
| WOOLCOTT FLOUR MILLS, INC., LEXINGTON, KENTUCKY | | | | | | |
| Woolcott Mixed Feed | 12.0 | 12.3 | 4.0 | 6.0 | 8.5 | 7.3 |
| YOPP SEED COMPANY, PADUCAH, KENTUCKY | | | | | | |
| ** Yopp's Hen Feed | 9.0 | 10.3 | 3.0 | 2.7 | 3.0 | 2.6 ** |
| Contained unground weed seeds | | | | | | |
| J. W. ZARING GRAIN AND MILL COMPANY, RICHMOND, KENTUCKY | | | | | | |
| ** Zaring's Farm Feed | 14.0 | <u>12.7</u> | 4.0 | 3.9 | 8.0 | 5.7 ** |
| ** Zaring's Farm Feed | 14.0 | <u>12.7</u> | 4.0 | 3.9 | 8.0 | 5.5 ** |

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