

Regulatory Bulletin 308

2008 COMMERCIAL FEEDS IN KENTUCKY



REGULATORY SERVICES

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KENTUCKY COMMERCIAL FEED LAW

KRS 250.491 TO 250.631

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The compiled data presented in this publication is from 2008 sample analyses and tonnage reports. The intent of this information is to acquaint the reader with activities of the feed regulatory program and serve as an advisory tool to the purchaser of commercial feeds distributed in Kentucky.

Introduction

The original commercial feed law in Kentucky was enacted in 1906. Listed under the Kentucky Revised Statutes 250.491 to 250.631, the law was cited as the "Kentucky Commercial Feed Law of 1972." Federal laws such as the Federal Food, Drug, and Cosmetic Act, the Federal Fair Packaging and Labeling Act, and the Federal Virus, Serum, and Toxins Act are applicable. Currently, the feed law provides protection for the state's feed manufacturers, the livestock and poultry industry, pet owners, and other purchasers of animal feed. The feed law regulates any materials offered for sale as feed or for mixing into a feed. However, whole and unprocessed commodities, raw meat, hay, straw, stover, silage, cobs, husks, and hulls when unground and not mixed with other materials are exempt. Regulated products include pet foods, livestock minerals, complete animal and poultry feeds, protein blocks, supplements, ingredients, and other premixes used for the further manufacture of feed.

Functions of the feed law are to inform and protect the feed purchaser, provide an atmosphere for fair and equitable competition, and assist in assuring the safety of animal and human food. Generally, registration is required before a commercial feed is distributed. This annual review of approximately 12,000 labels evaluates the guaranteed analysis, ingredient statement, and feeding directions for the intended species and classes. Medicated feed labels undergo review for approved drug usage and dosage, statement of drug purpose, and any required warning, caution, or special feeding instructions. All label reviews evaluate statements to determine if they are misleading, unsubstantiated, or make prohibited claims. Nearly 1,100 feed companies registered 18,300 commercial feeds for distribution in Kentucky. There are 267 commercial feed manufacturing facilities located in Kentucky.

Verification of good manufacturing practices (GMPs) occurs by inspecting feed mills. A major aspect is to prevent unsafe residues in human food that may result from misused

or contaminated feed. In addition, drug and feed additive use must conform to U.S. Food and Drug Administration (FDA) regulations. Several provisions serve to prevent injurious or deleterious substances in feeds.

Inspection and Sampling

Regulatory inspectors conducted approximately 1,800 inspections of feed manufacturers and retailers of bagged and bulk feed to monitor the distribution of 2 million tons of commercial feed. To determine compliance with label guarantees, 3,216 feed samples were collected from over 500 retail and manufacturing facilities. On average, each sample had 5.9 analyses. Sixty-two percent of the samples obtained were at a dealer, 31% at a manufacturing site, and 7% at other locations. Of the samples taken, 70.6% was bagged feed, 16.9% bulk feed, 0.5% liquid feed, 1.0% blocks, and 11.0% other. Samples represented over 22,161 tons. Of this tonnage, 19.9% was bagged, 76.6% bulk, 0.4% liquid, 1.9% blocks, and 1.2% other.

Tables 1 through 3 tabulate the number of samples for specific ingredients and feed types. The majority of samples (64.0%) represented non-specialty feeds and supplements; specialty feeds (pet foods) comprised 21.4%. Ingredients accounted for 14.6% of the samples.

Table 1. Number of feed ingredients sampled.

| Type | 2008 | 2007 | 2006 |
|---------------------|------------|------------|------------|
| Alfalfa Products | 2 | 7 | 6 |
| Animal Products | 19 | 39 | 37 |
| Barley Products | 0 | 0 | 3 |
| Corn Products | 93 | 144 | 159 |
| Cottonseed Products | 16 | 16 | 13 |
| Distillers Products | 73 | 79 | 83 |
| Mineral Ingredients | 13 | 14 | 47 |
| Molasses Products | 5 | 3 | 15 |
| Oat Products | 3 | 8 | 6 |
| Rice Products | 2 | 7 | 7 |
| Soybean Products | 220 | 266 | 273 |
| Wheat Products | 13 | 11 | 16 |
| Other | 10 | 7 | 7 |
| Total | 469 | 601 | 672 |

Table 2. Number of complete feeds and supplements/premixes sampled.

| Species/Type | 2008 | 2007 | 2006 |
|--------------------|--------------|--------------|--------------|
| Poultry | 154 | 137 | 154 |
| Beef | 334 | 368 | 407 |
| Dairy | 90 | 112 | 133 |
| Swine | 161 | 160 | 172 |
| Sheep | 21 | 11 | 18 |
| Rabbit | 31 | 33 | 42 |
| Calf | 68 | 60 | 86 |
| Horse | 369 | 274 | 343 |
| Goat | 60 | 59 | 82 |
| Scratch & Gamebird | 62 | 80 | 67 |
| Fish Food | 18 | 15 | 22 |
| Custom Mix | 120 | 171 | 249 |
| Liquid | 5 | 4 | 12 |
| Blocks | 38 | 25 | 53 |
| Minerals | 243 | 320 | 336 |
| Drugs | 12 | 19 | 28 |
| Vitamins | 6 | 7 | 3 |
| Microbials | 3 | 5 | 12 |
| Other | 265 | 201 | 274 |
| Total | 2,060 | 2,061 | 2,493 |

Feed Mill Inspections

The medicated feed program currently places feed mills into one of two classifications. One classification is for mills that mix Category II Type A medicated feed articles. To purchase these drug sources a mill must be licensed with FDA. The second classification is for mills that mix drugs commonly referred to as exempt. Purchase of these drugs does not require an FDA license. Most mills mix only exempt drugs. All mills must comply with good manufacturing practice regu-

Table 3. Number of specialty feeds sampled.

| Type | 2008 | 2007 | 2006 |
|------------------------------|------------|------------|------------|
| Dry Dog Food | 184 | 185 | 199 |
| Soft-Moist Dog Foods | 0 | 0 | 2 |
| Canned Dog Foods | 105 | 144 | 88 |
| Dry Cat Foods | 72 | 70 | 63 |
| Canned Cat Foods | 104 | 101 | 104 |
| Specialty Dog & Cat Products | 128 | 206 | 167 |
| Specialty Pet Products | 26 | 29 | 29 |
| Aquarium Fish Foods | 28 | 33 | 54 |
| Specialty Bird Feeds | 40 | 48 | 61 |
| Total | 687 | 816 | 767 |

lations. Non-licensed mills are subject to less stringent regulations. As part of a national program by FDA, inspections of licensed mills occurred with participating state feed control agencies. These inspections help ensure approved drug levels and combinations in feed. Additionally, the regulations play a major public health role in helping to maintain the wholesomeness and safety of the food we consume.

BSE Rule Inspections

The Division participated in a national program conducted by FDA to ensure compliance with the BSE Rule. These regulations prevent the establishment and amplification of Bovine Spongiform Encephalopathy (BSE), sometimes referred to as “Mad Cow Disease,” through animal feed. The regulation prohibits the feeding to ruminants certain proteins derived from mammalian tissue. Meat and bone meal containing rendered cattle tissue is a prohibited protein. Mills that receive prohibited materials must utilize adequate procedures to prevent their use in ruminant feeds. Prohibited materials are approved for use in non-ruminant feeds such as swine and poultry. Feeds that may contain prohibited material must bear the cautionary statement “**Do not feed to cattle or other ruminants.**” The Division conducted 60 BSE Rule inspections under contract with FDA. All Kentucky feed mills and renderers have had at least an initial inspection and re-inspection by either our Division or FDA since 1998. Annual inspection of facilities that process feed containing prohibited protein occurs.

Food Safety

Feed contamination concerns feed manufacturers and regulatory officials due to its potential impact on the state’s livestock industry and possible carryover to human food. Prevention is the ultimate goal, and a rapid response to contain a problem can prevent it from becoming a major disaster. Feed industry personnel involved in receiving, manufacturing, and dis-

tribution are the first line of defense. Unusual occurrences such as feeds or ingredients with abnormal appearance, odor, or foreign material or reports of multiple livestock deaths or chemical leaks warrant immediate investigation. Regulatory Services inspectors and laboratory staff are available to assist with the investigation of suspected problems. GMP and BSE Rule inspections, label review, feed microscopy, drug and mycotoxin testing, and other feed control activities contribute significantly to the effort to maintain a safe food supply for consumers of meat, milk, and eggs.

Testing

The on-site feed laboratory provides the primary analytical support for over 35 different nutrients and components in feeds to evaluate accurate representation of labeling and presence of injurious substances. Table 4 lists the number of analyses reported.

Product Suitability

Information from the National Research Council, the Association of American Feed Control Officials (AAFCO), and University of Kentucky researchers serve as a basis for evaluating nutritional content and suitability for the intended use of the feed.

For complete and balanced dog and cat foods, the label must include a nutritional adequacy statement indicating whether the AAFCO feeding test procedures or nutrient profile is used.

Adulteration occurs in feed if its composition or quality differs from what is represented by its labeling or if the feed contains injurious or deleterious substances.

Feed Labeling

The feed label is the fundamental basis for providing consumer information and protection, equitable competition, and the regulatory foundation. By providing labeling assistance and guidance to manufacturers, the realization of labeling that promotes safety and usefulness for livestock production and

Table 4. Number of official feed analyses reported.

| Analysis | 2008 | 2007 | 2006 |
|-------------------------------|---------------|---------------|---------------|
| Proximate | | | |
| Crude Protein | 2,796 | 3,204 | 3,432 |
| NPN Equivalent Protein (urea) | 48 | 106 | 124 |
| Lysine | 406 | 410 | 215 |
| Crude Fat | 770 | 579 | 666 |
| Acid Hydrolysis Fat | 577 | 182 | 346 |
| Crude Fiber | 732 | 1,119 | 1,000 |
| Acid Detergent Fiber | 101 | 297 | 366 |
| Sugar, Invert | 0 | 0 | 5 |
| Ash | 206 | 185 | 193 |
| Moisture | 711 | 660 | 767 |
| Minerals | | | |
| Aluminum | 2 | 0 | 0 |
| Calcium | 2,016 | 2,480 | 2,881 |
| Cobalt | 254 | 297 | 312 |
| Copper | 1,071 | 1,262 | 1,763 |
| Iron | 412 | 291 | 354 |
| Magnesium | 769 | 905 | 1,120 |
| Manganese | 635 | 738 | 873 |
| Molybdenum | 15 | 0 | 0 |
| Phosphorus | 2,032 | 2,560 | 2,898 |
| Potassium | 1,095 | 1,482 | 1,710 |
| Salt | 1,016 | 1,332 | 2,053 |
| Selenium | 4 | 0 | 0 |
| Sodium | 436 | 61 | 37 |
| Zinc | 1,265 | 1,548 | 1,835 |
| Vitamins | | | |
| Vitamin A | 378 | 477 | 576 |
| Vitamin E | 1 | | |
| Drugs | | | |
| Amprolium | 0 | 0 | 3 |
| Bacitracin | 17 | 14 | 10 |
| Carbadox | 2 | 2 | 2 |
| Chlortetracycline | 94 | 161 | 163 |
| Decoquinat | 5 | 0 | 0 |
| Lasalocid | 0 | 0 | 31 |
| Lincomycin | 0 | 1 | 0 |
| Monensin | 59 | 84 | 95 |
| Oxytetracycline | 10 | 26 | 27 |
| Penicillin | 2 | | |
| Tylosin | 9 | 9 | 15 |
| Zoalene | 0 | 0 | 1 |
| Mycotoxins | | | |
| Aflatoxin | 167 | 321 | 386 |
| Fumonisin | 153 | 317 | 305 |
| Vomitoxin | 31 | 65 | 34 |
| Other | | | |
| L. Acidophilus Bacteria | 1 | 0 | 3 |
| Lactic Acid Bacteria | 0 | 0 | 1 |
| Yeast Count | 1 | 5 | 4 |
| Ingredient Listing | 46 | 119 | 90 |
| Net Weight | 573 | 580 | 575 |
| Total | 18,918 | 21,879 | 25,271 |

companion animals occurs. The Registration Specialist reviews product labels for regulatory compliance with both the Kentucky Commercial Feed Law and federal laws and regulations. Area Regulatory Inspectors aid in the process by assisting local feed manufacturers with product labeling, which results in labeling that is uniform and informative throughout Kentucky.

Spreadsheets are available to assist feed mills to determine the nutrient composition of their manufactured feeds. This information is helpful in establishing label guarantees and

evaluating nutritional suitability. These tools and services strengthen an excellent working relationship with the regulated feed industry for the benefit of all Kentuckians.

Financial

Both inspection fees of commercial feeds sold in Kentucky and state appropriated funds support the feed regulatory program. A fee of 35 cents per ton is paid on commercial feeds packaged in containers greater than 10 pounds. Distillers wet grains and other distillers by-products containing more than 75%

Table 5. Reported tons of ingredients distributed.

| Ingredient | Exempt | | | Non-Exempt | | |
|------------------------|----------------|----------------|----------------|------------------|------------------|------------------|
| | 2008 | 2007 | 2006 | 2008 | 2007 | 2006 |
| Alfalfa Products | 1,600 | 2,585 | 3,328 | 1,447 | 409 | 495 |
| Animal Products | 9,224 | 13,999 | 17,449 | 97,805 | 97,649 | 85,041 |
| Barley Products | 273 | 293 | 395 | 458 | 934 | 1,082 |
| Beet Products | 438 | 182 | 659 | 790 | 422 | 1,164 |
| Brewers Dried Products | 108 | 113 | 134 | 13,770 | 11,885 | 20,612 |
| Brewers Wet Grains | 0 | 0 | 0 | 5,177 | 4,989 | 2,867 |
| Citrus Products | 128 | 4,168 | 0 | 1,560 | 5,297 | 587 |
| Corn Products | 77,595 | 59,134 | 20,789 | 166,178 | 186,452 | 173,886 |
| Cottonseed Products | 24,336 | 10,087 | 7,048 | 8,740 | 9,096 | 7,088 |
| Distillers Dried Grain | 53,036 | 45,723 | 36,747 | 151,894 | 128,565 | 136,079 |
| Distillers Stillage | 0 | 0 | 0 | 359,140 | 430,650 | 337,672 |
| Drugs | 3 | 51 | 49 | 193 | 212 | 526 |
| Fats & Oils | 2,775 | 3,824 | 10,275 | 13,984 | 29,776 | 28,071 |
| Grain Sorghum | 0 | 0 | 0 | 381 | 816 | 1 |
| Linseed & Flax | 409 | 395 | 353 | 250 | 384 | 443 |
| Marine Products | 94 | 231 | 51 | 286 | 175 | 60 |
| Milk Products | 827 | 3,036 | 2,812 | 183 | 134 | 31 |
| Minerals | 26,483 | 50,100 | 44,499 | 73,745 | 69,974 | 80,336 |
| Molasses Products | 39,673 | 22,660 | 39,681 | 14,135 | 6,448 | 15,626 |
| Oat Products | 2,335 | 1,807 | 1,855 | 4,172 | 4,802 | 3,279 |
| Peanut Products | 4,402 | 3,963 | 4,224 | 617 | 1,030 | 7 |
| Rice Products | 22,112 | 15,147 | 16,218 | 10,503 | 8,866 | 20,680 |
| Rye | 0 | 0 | 0 | 450 | 72 | 3,549 |
| Soybean Products | 248,072 | 219,971 | 146,874 | 645,935 | 552,557 | 502,148 |
| Urea & Other NPN | 219 | 290 | 216 | 2,548 | 2,014 | 974 |
| Vitamins | 3,088 | 104 | 87 | 2,466 | 1,778 | 2,389 |
| Wheat Products | 61,965 | 95,920 | 103,661 | 42,800 | 13,428 | 24,749 |
| Whey (Liquid) | 0 | 0 | 0 | 8,611 | 13,054 | 19,638 |
| Grain Sold & Mixed | 133,982 | 0 | 0 | 0 | 155,541 | 106,908 |
| Other | 4,544 | 5,649 | 9,755 | 18,910 | 39,368 | 27,435 |
| Total | 717,721 | 559,432 | 467,159 | 1,647,128 | 1,776,777 | 1,603,423 |

moisture, brewers wet grains, and whey distributed without further processing to the final purchaser for consumption by the purchaser's livestock have a fee of five cents per ton. An annual inspection fee for commercial feed sold exclusively in packages of 10 pounds or less is \$50 per product. In 2008, collected inspection and penalty fees amounted to \$1,116,856. Table 5 summarizes the tonnage report for ingredients. In Table 5, the term "exempt" represents ingredients sold to other manufacturers who pay inspection fees and assume the responsibility for paying the fee. "Non-exempt" represents ingredients for which the reporting party pays the inspection fee.

Table 6 summarizes the reported tonnage for complete feeds and supplements/premixes.

2008 Highlights

Again, in 2008 food safety was a predominant concern. The year had product recalls involving salmonella in pet foods. The inspectors visited pet food retailers to ensure that recalled product was not in distribution. In response to a recall issued by a national distributor, approximately 80 samples of livestock feed from various manufacturers were analyzed for mycotoxins. These feeds were not adulterated. These situations once again illustrate the connectivity between feed consumed by animals and the impact it may have on the food we consume. In addition, it demonstrates the cooperative relationships with our federal counterparts and the regulated industry.

Table 6. Reported tons of complete feeds and supplements/premixes distributed.

| Type | Complete | | | Supplement/Premix | | |
|------------------------|------------------|------------------|------------------|-------------------|----------------|----------------|
| | 2008 | 2007 | 2006 | 2008 | 2007 | 2006 |
| Chicken Starter Grower | 7,633 | 7,116 | 5,090 | 991 | 400 | 396 |
| Chicken Broiler | 10,974 | 4,299 | 4,760 | 113 | 171 | 115 |
| Chicken Layer Breeder | 24,102 | 20,147 | 19,708 | 922 | 315 | 410 |
| Turkey | 2,192 | 8,757 | 1,928 | 1,504 | 7 | 3 |
| Beef | 201,594 | 167,105 | 153,868 | 43,420 | 41,170 | 38,571 |
| Dairy | 129,871 | 121,526 | 134,678 | 27,741 | 29,833 | 29,408 |
| Swine | 5,981 | 6,734 | 11,179 | 4,605 | 6,226 | 7,735 |
| Sheep | 3,211 | 4,220 | 4,787 | 463 | 0 | 0 |
| Calf | 11,695 | 14,738 | 10,632 | 0 | 0 | 0 |
| Horse | 107,155 | 110,098 | 106,850 | 0 | 0 | 0 |
| Pet Food | 151,617 | 264,306 | 296,915 | 0 | 0 | 0 |
| Fish | 1,836 | 1,769 | 3,620 | 0 | 0 | 0 |
| Rabbit | 3,345 | 3,547 | 3,755 | 0 | 0 | 0 |
| Scratch Feed | 4,378 | 4,278 | 2,785 | 0 | 0 | 0 |
| Custom Mix | 458,352 | 313,623 | 349,593 | 0 | 0 | 0 |
| Other | 62,874 | 52,228 | 72,289 | 0 | 0 | 0 |
| Dried Molasses | 0 | 0 | 0 | 25 | 47 | 126 |
| Drug Premixes | 0 | 0 | 0 | 816 | 2,375 | 1,521 |
| Liquid | 0 | 0 | 0 | 2,032 | 1,852 | 3,951 |
| Microbial Products | 0 | 0 | 0 | 30 | 49 | 89 |
| Minerals | 0 | 0 | 0 | 20,625 | 22,504 | 26,842 |
| Vitamin Premix | 0 | 0 | 0 | 2,518 | 2,377 | 1,259 |
| Total | 1,186,810 | 1,104,491 | 1,182,437 | 105,805 | 107,326 | 110,426 |

Report of Official Feed Samples Analyzed—2008

| Name | Samples | | | Analyses | | | Violations |
|--|---------|--------|--------|----------|--------|--------|---|
| | Total | Passed | Passed | Total | Passed | Passed | |
| 4 SEASONS MARKETING LLC, FLEMINGSBURG, KY | 67 | 46 | 69% | 551 | 517 | 94% | 2 Crude Protein 1 NPN Equiv Protein 2 Crude Fat, Min 1 AH Fat 4 Phosphorus, Min 1 Salt, Min 2 Cobalt 4 Copper 2 Iron 3 Magnesium 1 Manganese 3 Potassium 1 Zinc 6 Vitamin A 1 Chlortetracycline |
| ADAIRVILLE FEED MILL #2/RVILLE, ADAIRVILLE, KY | 1 | 1 | 100% | 5 | 5 | 100% | None |
| ADAIRVILLE FEED MILL, ADAIRVILLE, KY | 2 | 2 | 100% | 21 | 21 | 100% | None |
| ADAMS FEED & SUPPLY, BRODHEAD, KY | 1 | 0 | 0% | 7 | 4 | 57% | 1 Calcium, Min 1 Phosphorus, Min 1 Salt, Min |
| ADM ALLIANCE NUTRITION INC, QUINCY, IL | 122 | 103 | 84% | 608 | 584 | 96% | 6 Crude Protein 1 Lysine 1 Crude Fiber, Max 1 Phosphorus, Min 3 Salt, Min 1 Zinc 10 Vitamin A 1 Chlortetracycline |
| ADM ALLIANCE NUTRITION, CAMPBELLSVILLE, KY | 1 | 1 | 100% | 6 | 6 | 100% | None |
| ADM ALLIANCE NUTRITION, HENDERSON, KY | 1 | 1 | 100% | 4 | 4 | 100% | None |
| ADM ANIMAL HEALTH/NUTRITION, DES MOINES, IA | 1 | 1 | 100% | 10 | 10 | 100% | None |
| ADM CORN PROCESSING/J ARCHER, DECATUR, IL | 8 | 8 | 100% | 20 | 20 | 100% | None |
| ADM MILLING/ST LOUIS, SHAWNEE MISSION, KS | 2 | 2 | 100% | 4 | 4 | 100% | None |
| ADM PROCESSING/SHAMARIE ALLEN, DECATUR, IL | 13 | 13 | 100% | 15 | 15 | 100% | None |
| AGRIDYNE LLC, SPRINGFIELD, IL | 1 | 1 | 100% | 7 | 7 | 100% | None |
| AHC PRODUCTS & PACKAGING INC, WINCHESTER, KY | 1 | 0 | 0% | 7 | 6 | 86% | 1 Vitamin A |
| AINSWORTH PET NUTRITION, MEADVILLE, PA | 3 | 3 | 100% | 31 | 31 | 100% | None |
| ALBION LABORATORIES, INC., CLEARFIELD, UT | 1 | 1 | 100% | 5 | 5 | 100% | None |
| ALDI INC/GARY WINDMILLER, GREENWOOD, IN | 7 | 7 | 100% | 73 | 73 | 100% | None |
| ALLEN ROBERTSON CO INC, LOUISVILLE, KY | 4 | 2 | 50% | 16 | 13 | 81% | 1 Crude Protein 1 Copper 1 Vitamin A |
| ALLTECH, INC., NICHOLASVILLE, KY | 3 | 3 | 100% | 8 | 8 | 100% | None |
| ALTRA INDIANA, CLOVERDALE, IN | 1 | 1 | 100% | 4 | 4 | 100% | None |
| AMERICAN HEALTH KENNELS INC, POMPANO BEACH, FL | 1 | 1 | 100% | 4 | 4 | 100% | None |
| AMPRO PRODUCTS INC, GAINESVILLE, GA | 1 | 1 | 100% | 3 | 3 | 100% | None |
| ANDERSON FARM SERVICE, LAWRENCEBURG, KY | 1 | 1 | 100% | 1 | 1 | 100% | None |
| ANTLERS & ACORNS LLC, MURRAY, KY | 1 | 0 | 0% | 8 | 4 | 50% | 1 Calcium, Min 1 Phosphorus, Min 1 Salt, Min 1 Copper |
| ARCHER DANIEL MIDLAND CO, DECATUR, IL | 9 | 9 | 100% | 16 | 16 | 100% | None |
| ARCTIC PAWS, ANCHORAGE, AK | 1 | 1 | 100% | 2 | 2 | 100% | None |
| ARKAT FEEDS INC, DUMAS, AR | 3 | 3 | 100% | 21 | 21 | 100% | None |
| ARNOLD FEED & SEED, CAMPBELLSVILLE, KY | 3 | 3 | 100% | 11 | 11 | 100% | None |
| ASHLAND MILLING COMPANY INC, ASHLAND, KY | 3 | 3 | 100% | 15 | 15 | 100% | None |
| ASPEN PET PRODUCTS INC, DENVER, CO | 1 | 1 | 100% | 2 | 2 | 100% | None |
| AUTHORITY PET FOOD CO, PHOENIX, AZ | 5 | 4 | 80% | 42 | 41 | 98% | 1 AH Fat |
| AZTECA MILLING LP, HENDERSON, KY | 4 | 3 | 75% | 26 | 25 | 96% | 1 Crude Fiber, Max |

Report of Official Feed Samples Analyzed—2008

| Name | Samples | | | Analyses | | | Violations |
|--|---------|--------|------|----------|--------|------|---|
| | Total | Passed | | Total | Passed | | |
| BAGDAD ROLLER MILLS, BAGDAD, KY | 18 | 17 | 94% | 90 | 89 | 99% | 1 Phosphorus, Min |
| BAKERY FEEDS INC, COLD SPRINGS, KY | 17 | 16 | 94% | 34 | 33 | 97% | 1 Crude Fat, Min |
| BARDSTOWN MILLS, BARDSTOWN, KY | 32 | 13 | 41% | 178 | 155 | 87% | 10 Crude Protein 3 Acid Detergent Fiber 2 Calcium, Min 7 Salt, Min 1 Copper |
| BELL ROCK GROWER INC, SAN MARCOS, CA | 1 | 0 | 0% | 4 | 3 | 75% | 1 Crude Protein |
| BI-COUNTY FARM BUREAU COOP, FLORENCE, KY | 3 | 1 | 33% | 16 | 14 | 88% | 1 Crude Protein 1 Zinc |
| BIG BARN FARM STORE, GARRISON, KY | 13 | 10 | 77% | 53 | 47 | 89% | 3 Salt, Min 1 Copper 1 Potassium 1 Zinc |
| BILL BARR & CO, OVERLAND PARK, KS | 1 | 1 | 100% | 1 | 1 | 100% | None |
| BIO PLUS INC, MADISON, GA | 1 | 0 | 0% | 4 | 3 | 75% | 1 Crude Protein |
| BIOZYME INCORPORATED, ST JOSEPH, MO | 4 | 3 | 75% | 28 | 25 | 89% | 1 Manganese 1 Zinc 1 Vitamin A |
| BLUE BUFFALO CO LTD, WILTON, CT | 16 | 8 | 50% | 222 | 213 | 96% | 2 Crude Protein 3 AH Fat 4 Ash |
| BLUE DOG BAKERY, SEATTLE, WA | 1 | 1 | 100% | 3 | 3 | 100% | None |
| BLUE SEAL FEEDS INC, LONDONDERRY, NH | 7 | 2 | 29% | 68 | 60 | 88% | 3 Crude Protein 3 AH Fat 1 Sodium 1 Weight, Net |
| BLUEGRASS AG DISTRIBUTORS, LANCASTER, KY | 4 | 4 | 100% | 10 | 10 | 100% | None |
| BLUEGRASS HORSE TREATS, BAGDAD, KY | 1 | 0 | 0% | 5 | 3 | 60% | 1 Crude Protein 1 Crude Fiber, Max |
| BLUEGRASS SEED, BARDSTOWN, KY | 33 | 28 | 85% | 193 | 188 | 97% | 1 Crude Protein 2 Salt, Min 1 Copper 1 Vitamin A |
| BOBBY LEE PHILLIPS, CAMPBELLSVILLE, KY | 3 | 0 | 0% | 19 | 15 | 79% | 1 Crude Protein 2 Crude Fiber, Max 1 Zinc |
| BREEDERS CHOICE PET FOODS INC, IRWINDELE, CA | 6 | 5 | 83% | 74 | 73 | 99% | 1 Calcium, Min |
| BROOKSVILLE FARM SUPPLY, BROOKSVILLE, KY | 4 | 4 | 100% | 14 | 14 | 100% | None |
| BUFFALO TRACE DISTILLERY INC, FRANKFORT, KY | 1 | 1 | 100% | 3 | 3 | 100% | None |
| BUNGE MILLING, DANVILLE, IL | 1 | 1 | 100% | 4 | 4 | 100% | None |
| BUNGE NORTH AMERICA (EAST) LLC, MARION, OH | 1 | 1 | 100% | 1 | 1 | 100% | None |
| BUNGE NORTH AMERICA (EAST) LLC, MORRISTOWN, IN | 16 | 16 | 100% | 23 | 23 | 100% | None |
| BUNGE NORTH AMERICA INC, CAIRO, IL | 43 | 43 | 100% | 46 | 46 | 100% | None |
| BURKMANN FEEDS OF EDMONTON, EDMONTON, KY | 1 | 1 | 100% | 1 | 1 | 100% | None |
| BURKMANN FEEDS, BOWLING GREEN, KY | 20 | 15 | 75% | 99 | 94 | 95% | 5 Calcium, Min |
| BURKMANN FEEDS, DANVILLE, KY | 79 | 65 | 82% | 500 | 481 | 96% | 1 Crude Protein 1 Crude Fat, Min 1 Crude Fiber, Max 1 Acid Detergent Fiber 1 Calcium, Min 1 Phosphorus, Min 1 Salt, Min 1 Copper 1 Manganese 1 Potassium 2 Zinc 7 Vitamin A |

Report of Official Feed Samples Analyzed—2008

| Name | Samples | | | Analyses | | | Violations |
|--|---------|--------|------|----------|--------|------|---|
| | Total | Passed | 75% | Total | Passed | 93% | |
| BURKMANN FEEDS, EUBANK, KY | 8 | 6 | 75% | 28 | 26 | 93% | 1 Crude Fat, Min 1 Vitamin A |
| BURKMANN FEEDS, GLASGOW, KY | 34 | 30 | 88% | 161 | 156 | 97% | 2 Crude Protein 2 Calcium, Min 1 Vitamin A |
| BURKMANN FEEDS, HARDINSBURG, KY | 2 | 2 | 100% | 13 | 13 | 100% | None |
| BURKMANN FEEDS, LONDON, KY | 6 | 5 | 83% | 28 | 27 | 96% | 1 Calcium, Min |
| BUSCH AGRICULTURAL RESOURCES, JONESBORO, AR | 1 | 1 | 100% | 1 | 1 | 100% | None |
| C & S PRODUCTS CO INC, FORT DODGE, IA | 1 | 0 | 0% | 3 | 2 | 67% | 1 Crude Protein |
| CALHOUN FEED SERVICE INC, MADISONVILLE, KY | 13 | 11 | 85% | 84 | 82 | 98% | 2 Crude Protein |
| CALLIHAN FEEDS, ARGILLITE, KY | 2 | 1 | 50% | 7 | 6 | 86% | 1 Crude Protein |
| CANEYVILLE MILLING INC, CANEYVILLE, KY | 69 | 47 | 68% | 321 | 290 | 90% | 2 Crude Protein 6 Calcium, Min 8 Phosphorus, Min 8 Salt, Min 3 Copper 2 Zinc 1 Aflatoxin 1 Fumonisin |
| CANIDAE CORPORATION, NORCO, CA | 2 | 0 | 0% | 19 | 17 | 89% | 1 AH Fat 1 Ash |
| CARDINAL LABORATORIES INC, AZUSA, CA | 3 | 1 | 33% | 21 | 18 | 86% | 1 Crude Protein 1 Phosphorus, Min 1 Zinc |
| CARGILL - CORN MILLING DIV, DAYTON, OH | 3 | 3 | 100% | 4 | 4 | 100% | None |
| CARGILL ANIMAL NUTRITION, MINNEAPOLIS, MN | 62 | 51 | 82% | 396 | 381 | 96% | 1 Crude Fat, Min 2 Crude Fiber, Max 1 Calcium, Min 1 Phosphorus, Min 1 Salt, Min 1 Cobalt 1 Manganese 3 Potassium 4 Vitamin A |
| CARGILL DRY CORN INGREDIENT, MINNEAPOLIS, MN | 3 | 3 | 100% | 5 | 5 | 100% | None |
| CARGILL DRY CORN INGREDIENTS, PARIS, IL | 2 | 1 | 50% | 5 | 4 | 80% | 1 Crude Fat, Min |
| CARGILL INC, MINNEAPOLIS, MN | 9 | 9 | 100% | 45 | 45 | 100% | None |
| CARGILL NUTRENA FEEDS, FLORA, IL | 1 | 1 | 100% | 9 | 9 | 100% | None |
| CASTOR-POLLUX PET WORKS, CLACKAMAS, OR | 4 | 4 | 100% | 46 | 46 | 100% | None |
| CATTLEMANS CHOICE LOOMIX LLC, JOHNSTOWN, CO | 2 | 1 | 50% | 11 | 9 | 82% | 1 Crude Protein 1 Moisture |
| CECILIA FARM SERVICE, CECILIA, KY | 9 | 2 | 22% | 52 | 39 | 75% | 1 Crude Protein 2 Crude Fat, Min 1 Crude Fiber, Max 4 Calcium, Min 5 Phosphorus, Min |
| CEL-PAK INC, DOWNERS GROVE, IL | 1 | 0 | 0% | 3 | 2 | 67% | 1 AH Fat |
| CENTRAL FARM SUPPLY, LOUISVILLE, KY | 15 | 12 | 80% | 87 | 84 | 97% | 2 Crude Fiber, Max 1 Potassium |
| CENTRAL FARMERS SUPPLY, GREENSBURG, KY | 14 | 11 | 79% | 84 | 81 | 96% | 1 Crude Fat, Min 1 Salt, Min 1 Potassium |
| CENTRAL GARDEN & PET, FRANKLIN, WI | 7 | 6 | 86% | 44 | 43 | 98% | 1 Ash |
| CHARLEE BEAR FARMS INC, ST FRANCIS, WI | 1 | 1 | 100% | 3 | 3 | 100% | None |
| CHICKASHA OF GEORGIA, TIFTON, GA | 2 | 2 | 100% | 9 | 9 | 100% | None |
| CHINA VITAMINS LLC, BEDMINSTER, NJ | 1 | 1 | 100% | 1 | 1 | 100% | None |
| CHOMP INC, DUXBURY, MA | 2 | 2 | 100% | 6 | 6 | 100% | None |
| CHS INC, INVER GROVE HEIGHTS, MN | 9 | 9 | 100% | 31 | 31 | 100% | None |
| CLARKSON GRAIN CO, CERRO GORDO, IL | 1 | 1 | 100% | 2 | 2 | 100% | None |

Report of Official Feed Samples Analyzed—2008

| Name | Samples | | | Analyses | | | Violations |
|--|---------|--------|------|----------|--------|------|---|
| | Total | Passed | | Total | Passed | | |
| CLEMENTS AGRI-SUPPLY INC, SPRINGFIELD, KY | 4 | 2 | 50% | 20 | 18 | 90% | 2 Potassium |
| CLOUD STAR, SAN LUIS OBISPO, CA | 2 | 0 | 0% | 7 | 4 | 57% | 2 Crude Protein 1 AH Fat |
| COLE'S WILD BIRD PRODUCTS CO, KENNESAW, GA | 2 | 0 | 0% | 8 | 5 | 63% | 1 Crude Protein 2 Crude Fat, Min |
| COMMONWEALTH AGRI-ENERGY LLC, HOPKINSVILLE, KY | 11 | 9 | 82% | 45 | 43 | 96% | 1 Crude Protein 1 Fumonisin |
| CONAGRA FOODS FOOD INGRED CO, OMAHA, NE | 1 | 1 | 100% | 2 | 2 | 100% | None |
| CONSOLIDATED GRAIN & BARGE, MT VERNON, IN | 11 | 11 | 100% | 13 | 13 | 100% | None |
| COOKES FARM CENTER, IRONTON, OH | 3 | 2 | 67% | 19 | 18 | 95% | 1 Calcium, Min |
| CORTA-FLX INC, AIKEN, SC | 3 | 1 | 33% | 14 | 11 | 79% | 1 Crude Fiber, Max 1 Copper 1 Manganese |
| COUNTRY ACRES FEED CO INC, BRENTWOOD, MO | 56 | 49 | 88% | 290 | 282 | 97% | 2 Crude Protein 1 Crude Fiber, Max 2 Iron 1 Potassium 1 Zinc 1 Ash |
| COX VETERINARY LABORATORY, CHESTER, SC | 1 | 0 | 0% | 4 | 2 | 50% | 1 Crude Fiber, Max 1 Manganese |
| CPC COMMODITIES LLC, FOUNTAIN RUN, KY | 79 | 63 | 80% | 370 | 350 | 95% | 1 Crude Protein 1 Crude Fat, Min 7 Calcium, Min 4 Phosphorus, Min 1 Salt, Min 2 Copper 2 Zinc 2 Monensin, Sodium |
| CROP PRODUCTION SERVICE, HORSE CAVE, KY | 2 | 2 | 100% | 9 | 9 | 100% | None |
| CUB RUN MILLING CO, CANMER, KY | 2 | 1 | 50% | 14 | 13 | 93% | 1 Calcium, Min |
| CUSTOM FEED MILL LLC, MORGANFIELD, KY | 30 | 22 | 73% | 194 | 185 | 95% | 1 Crude Protein 1 Crude Fiber, Max 1 Calcium, Min 2 Phosphorus, Min 1 Cobalt 1 Iron 2 Vitamin A |
| D & D COMMODITIES, STEPHEN, MN | 1 | 1 | 100% | 4 | 4 | 100% | None |
| D & D INGREDIENT DIST INC, DELPHOS, OH | 2 | 2 | 100% | 3 | 3 | 100% | None |
| DABNEY FEED & SUPPLY, SOMERSET, KY | 5 | 3 | 60% | 15 | 13 | 87% | 1 Crude Protein 1 Crude Fiber, Max |
| DAD'S DOG FOODS, MEADVILLE, PA | 5 | 4 | 80% | 30 | 29 | 97% | 1 Vitamin A |
| DARLING INTERANTIONAL INC, IRVING, TX | 1 | 1 | 100% | 3 | 3 | 100% | None |
| DAVENPORT FARM SUPPLY, FLEMINGSBURG, KY | 8 | 5 | 63% | 27 | 22 | 81% | 2 Crude Protein 2 Calcium, Min 1 Copper |
| DAY & DAY FEED MILL, COLUMBIA, KY | 1 | 0 | 0% | 7 | 6 | 86% | 1 Calcium, Min |
| DEL MONTE PET PRODUCTS, PITTSBURGH, PA | 12 | 11 | 92% | 155 | 154 | 99% | 1 Phosphorus, Min |
| DELCA CORP, LAGUNA NIGUEL, CA | 2 | 1 | 50% | 6 | 5 | 83% | 1 Crude Protein |
| DESIGNING HEALTH INC, VALENCIA, CA | 1 | 1 | 100% | 5 | 5 | 100% | None |
| DIAMOND PET FOODS CO, META, MO | 12 | 9 | 75% | 111 | 108 | 97% | 2 Calcium, Min 1 Ash |
| DIAMOND V MILLS INC, CEDAR RAPIDS, IA | 1 | 1 | 100% | 2 | 2 | 100% | None |
| DIXIE FEED & SUPPLY, FALMOUTH, KY | 3 | 3 | 100% | 4 | 4 | 100% | None |
| DOANE PET CARE, BRENTWOOD, TN | 4 | 3 | 75% | 16 | 15 | 94% | 1 Moisture |
| DOGGIE DE LITES INC, ALPHARETTA, GA | 2 | 2 | 100% | 6 | 6 | 100% | None |
| DOGMATIC PRODUCTS INC, BROOKLYN, NY | 1 | 0 | 0% | 2 | 1 | 50% | 1 Crude Protein |
| DOLGEN CORP, GOODLETTSVILLE, TN | 9 | 9 | 100% | 90 | 90 | 100% | None |

Report of Official Feed Samples Analyzed—2008

| Name | Samples | | | Analyses | | | Violations |
|--|---------|--------|------|----------|--------|------|---|
| | Total | Passed | | Total | Passed | | |
| EIGHT IN ONE PET PRODUCTS, ISLANDIA, NY | 8 | 7 | 88% | 36 | 35 | 97% | 1 AH Fat |
| EMBASSY INTERNATIONAL, INC., CINCINNATI, OH | 5 | 5 | 100% | 40 | 40 | 100% | None |
| ENDRES PROCESSING MICHIGAN LLC, UPPER SANDUSKY, OH | 1 | 1 | 100% | 2 | 2 | 100% | None |
| EQUINE AMERICA INC, AIKEN, SC | 1 | 1 | 100% | 3 | 3 | 100% | None |
| EQUISUPPLEMENT LTD INC, RUSHVILLE, IN | 1 | 0 | 0% | 5 | 1 | 20% | 1 Lysine 1 Copper 1 Manganese 1 Zinc |
| EQUITY GROUP-KY DIVISION LLC, FRANKLIN, KY | 1 | 1 | 100% | 6 | 6 | 100% | None |
| EST LLC, WINNSBORO, LA | 1 | 0 | 0% | 6 | 4 | 67% | 1 Crude Fat, Min 1 Calcium, Min |
| EVOLVED HABITATS, BATON ROUGE, LA | 8 | 5 | 63% | 41 | 35 | 85% | 2 Crude Protein 1 Crude Fiber, Max 1 Cobalt 1 Magnesium 1 Zinc |
| EXCLUSIVELY PET INC, MILWAUKEE, WI | 2 | 2 | 100% | 6 | 6 | 100% | None |
| EXL MILLING LTD, CANADA S9V 0Y7 | 1 | 0 | 0% | 3 | 2 | 67% | 1 Crude Fiber, Max |
| F M BROWNS SONS INC, SINKING SPRING, PA | 4 | 3 | 75% | 11 | 10 | 91% | 1 Crude Protein |
| F W COBS COMPANY INC, SAINT ALBANS BAY, VT | 1 | 0 | 0% | 6 | 3 | 50% | 1 Acid Detergent Fiber 1 Calcium, Min 1 Moisture |
| FAITHWAY FEED CO INC, GUNTERSVILLE, AL | 7 | 7 | 100% | 44 | 44 | 100% | None |
| FARMER'S CHOICE FEED MILL, KIRKSEY, KY | 3 | 3 | 100% | 16 | 16 | 100% | None |
| FARMERS FEED MILL, LEXINGTON, KY | 19 | 8 | 42% | 118 | 104 | 88% | 1 NPN Equiv Protein 1 Crude Fat, Min 1 Calcium, Min 4 Salt, Min 1 Iron 6 Vitamin A |
| FARNAM CO/HORSE PRODUCTS DIV, PHOENIX, AZ | 7 | 3 | 43% | 74 | 68 | 92% | 1 Cobalt 1 Copper 1 Magnesium 1 Zinc 2 Vitamin A |
| FEED SOLUTIONS, ST LOUIS, MO | 1 | 1 | 100% | 6 | 6 | 100% | None |
| FEEDERS SUPPLY COMPANY, LOUISVILLE, KY | 3 | 3 | 100% | 9 | 9 | 100% | None |
| FINISH LINE HORSE PRODUCTS, BENSENVILLE, IL | 1 | 0 | 0% | 6 | 5 | 83% | 1 Crude Fiber, Max |
| FIRST COMPANION VETERINARY, WESTLAKE, TX | 2 | 1 | 50% | 11 | 10 | 91% | 1 Crude Protein |
| FISHBELT FEEDS INC, MOORHEAD, MS | 1 | 1 | 100% | 2 | 2 | 100% | None |
| FLUKER FARMS INC, PORT ALLEN, LA | 2 | 0 | 0% | 9 | 6 | 67% | 2 Crude Protein 1 AH Fat |
| FOOD LION STORES, SALISBURY, NC | 10 | 9 | 90% | 101 | 100 | 99% | 1 Zinc |
| FRANK HINTON & SON, PLUMMERS LANDING, KY | 9 | 7 | 78% | 61 | 57 | 93% | 1 Crude Protein 1 Crude Fiber, Max 1 Acid Detergent Fiber 1 Salt, Min |
| FRANTZEN FARM FEEDS LLC, NEW HAMPTON, IA | 2 | 1 | 50% | 7 | 6 | 86% | 1 Acid Detergent Fiber |
| FREDS INC - TERRI JOHNSON, MEMPHIS, TN | 9 | 8 | 89% | 117 | 116 | 99% | 1 AH Fat |
| FREE RANGE DOG CHEWS LLC, STERLING HEIGHT, MI | 1 | 0 | 0% | 4 | 3 | 75% | 1 Ash |
| FURST-MCNESS CO, FREEPORT, IL | 2 | 1 | 50% | 14 | 12 | 86% | 1 Phosphorus, Min 1 Vitamin A |
| GATEWAY PRODUCTS INC, HOLLY, CO | 1 | 0 | 0% | 15 | 14 | 93% | 1 Vitamin A |
| GHC MILLING, FORDSVILLE, KY | 10 | 7 | 70% | 45 | 42 | 93% | 3 Salt, Min |
| GILLAMS FARM SUPPLY, OLIVE HILL, KY | 4 | 4 | 100% | 23 | 23 | 100% | None |

Report of Official Feed Samples Analyzed—2008

| Name | Samples | | Analyses | | Violations | | |
|--|---------|--------|----------|--------|------------|------|--|
| | Total | Passed | Total | Passed | | | |
| GOLD CITY FEED MILL, FRANKLIN, KY | 9 | 9 | 100% | 63 | 63 | 100% | None |
| GOLDENROD FEEDS, LIBERTY, KY | 5 | 5 | 100% | 11 | 11 | 100% | None |
| GPC PET PRODUCTS, MUSCATINE, IA | 1 | 1 | 100% | 2 | 2 | 100% | None |
| GRAIN PROCESSING CORPORATION, MUSCATINE, IA | 3 | 1 | 33% | 5 | 3 | 60% | 2 Crude Protein |
| GRAIN PROCESSING CORPORATION, WASHINGTON, IN | 2 | 2 | 100% | 4 | 4 | 100% | None |
| GRAND MEADOWS INC, ORANGE, CA | 1 | 0 | 0% | 7 | 5 | 71% | 1 Crude Fat, Min 1 Crude Fiber, Max |
| GRANT CO FARM SUPPLY, DRY RIDGE, KY | 2 | 2 | 100% | 6 | 6 | 100% | None |
| GREEN RIVER FEED MILL, MORGANTOWN, KY | 6 | 1 | 17% | 33 | 24 | 73% | 4 Crude Protein 1 Crude Fat, Min 1 Calcium, Min 1 Phosphorus, Min 1 Copper 1 Zinc |
| GRIFFIN INDUSTRIES INC, COLD SPRINGS, KY | 3 | 3 | 100% | 3 | 3 | 100% | None |
| HALLS FARM SUPPLY & METAL SALE, GREENUP, KY | 2 | 1 | 50% | 16 | 15 | 94% | 1 Crude Protein |
| HALO-PURELY FOR PETS, TAMPA, FL | 6 | 4 | 67% | 88 | 86 | 98% | 1 AH Fat 1 Sodium |
| HARDIN COUNTY MILLING COMPANY, ELIZABETHTOWN, KY | 8 | 7 | 88% | 36 | 35 | 97% | 1 Crude Protein |
| HARDINBURG FARM SUPPLY, HARNED, KY | 5 | 4 | 80% | 23 | 22 | 96% | 1 Copper |
| HARTZ MOUNTAIN CORPORATION, SECAUCUS, NJ | 6 | 6 | 100% | 24 | 24 | 100% | None |
| HBD INTERNATIONAL INC, BRENTWOOD, TN | 1 | 1 | 100% | 3 | 3 | 100% | None |
| HBH ENTERPRISES, SPRINGVILLE, UT | 3 | 2 | 67% | 6 | 5 | 83% | 1 Crude Protein |
| HEALTH-PRO NUTRITION, PICO RIVERA, CA | 2 | 1 | 50% | 5 | 4 | 80% | 1 Crude Protein |
| HEALTHY PET FOODS/INTEGRATED P, WEST CHESTER, PA | 3 | 2 | 67% | 31 | 29 | 94% | 1 AH Fat 1 Calcium, Min |
| HEARTBREAK RIDGE FARM SUPPLY, CLAY CITY, KY | 1 | 1 | 100% | 7 | 7 | 100% | None |
| HEDGEPEETH SUPPLY, CANMER, KY | 10 | 6 | 60% | 70 | 63 | 90% | 2 Phosphorus, Min 2 Copper 3 Vitamin A |
| HERITAGE FEED & GRAIN INC, BOWLING GREEN, KY | 3 | 2 | 67% | 21 | 20 | 95% | 1 Zinc |
| HIGGINS GROUP CORPORATION, MIAMI, FL | 2 | 2 | 100% | 9 | 9 | 100% | None |
| HIKARI SALES USA INC, HAYWARD, CA | 3 | 3 | 100% | 5 | 5 | 100% | None |
| HILLS PET NUTRITION INC, TOPEKA, KS | 9 | 9 | 100% | 65 | 65 | 100% | None |
| HISEVILLE FEED & SEED COMPANY, HISEVILLE, KY | 1 | 1 | 100% | 8 | 8 | 100% | None |
| HI-TEK RATIONS, DUBLIN, GA | 2 | 2 | 100% | 24 | 24 | 100% | None |
| HOOVERS FEED MILL, SCOTTSVILLE, KY | 5 | 4 | 80% | 26 | 25 | 96% | 1 Zinc |
| HORSE HEALTH PRODUCTS, PHOENIX, AZ | 7 | 6 | 86% | 44 | 43 | 98% | 1 Vitamin A |
| HOWE FARM SUPPLY, VANCEBURG, KY | 1 | 1 | 100% | 5 | 5 | 100% | None |
| HUBBARD FEEDS INC, MANKATO, MN | 42 | 34 | 81% | 256 | 247 | 96% | 1 Crude Protein 1 Phosphorus 1 Magnesium 1 Zinc 4 Vitamin A 1 Chlortetracycline |
| HUBBARD FEEDS INC/PET FOOD DIV, MANKATO, MN | 2 | 2 | 100% | 10 | 10 | 100% | |
| HUNTERS SPECIALTIES INC, CEDAR RAPIDS, IA | 1 | 1 | 100% | 12 | 12 | 100% | None |
| HYLAND CO INC, ASHLAND, KY | 18 | 8 | 44% | 210 | 197 | 94% | 6 AH Fat 2 Calcium, Min 1 Phosphorus, Min 2 Potassium 1 Zinc 1 Ash |
| IAMS FOOD COMPANY, LEWISBURG, OH | 9 | 9 | 100% | 110 | 110 | 100% | None |
| ICE'S PRODUCE, BARDSTOWN, KY | 2 | 2 | 100% | 4 | 4 | 100% | None |
| ILC RESOURCES, DES MOINES, IA | 1 | 1 | 100% | 1 | 1 | 100% | None |

Report of Official Feed Samples Analyzed—2008

| Name | Samples | | | Analyses | | | Violations |
|--|---------|--------|------|----------|--------|------|---|
| | Total | Passed | | Total | Passed | | |
| INCOBRASA INDUSTRIES LTD, GILMAN, IL | 5 | 5 | 100% | 5 | 5 | 100% | None |
| INDIANA BIO-ENERGY LLC, BLUFFTON, IN | 1 | 1 | 100% | 6 | 6 | 100% | None |
| INTEGRITY FEEDS LLC, OWENSBORO, KY | 45 | 31 | 69% | 238 | 221 | 93% | 6 Crude Protein 3 Phosphorus, Min 5 Salt, Min 2 Zinc 1 Vitamin A |
| INTER AMERICAN, CINCINNATI, OH | 9 | 7 | 78% | 66 | 64 | 97% | 1 AH Fat 1 Ash |
| INTL PET SUPPLIES/DISTRIBUTION, SAN DIEGO, CA | 5 | 5 | 100% | 40 | 40 | 100% | None |
| JABETOWN MILL, EWING, KY | 3 | 3 | 100% | 19 | 19 | 100% | None |
| JBS UNITED INC, SHERIDAN, IN | 1 | 0 | 0% | 6 | 5 | 83% | 1 Salt, Min |
| JEFFRIES FEED SEED & SUPPLY, CAMPBELLSVILLE, KY | 1 | 1 | 100% | 5 | 5 | 100% | None |
| JIM BEAM BRANDS, CLERMONT, KY | 2 | 2 | 100% | 4 | 4 | 100% | None |
| JOJO'S BEST, EDEN, ID | 1 | 0 | 0% | 5 | 4 | 80% | 1 Crude Fat, Min |
| JT ENTERPRISES, MYRA, KY | 1 | 1 | 100% | 2 | 2 | 100% | None |
| K-9 FOODS LLC, SENECA, KS | 1 | 0 | 0% | 12 | 10 | 83% | 1 AH Fat 1 Calcium, Min |
| KALMBACH FEEDS INC, UPPER SANDUSKY, OH | 42 | 30 | 71% | 248 | 235 | 95% | 5 Crude Protein 1 Crude Fat, Min 1 Crude Fiber, Max 1 Acid Detergent Fiber 1 Calcium, Min 1 Zinc 3 Vitamin A |
| KAYTEE PRODUCTS INC, CHILTON, WI | 10 | 9 | 90% | 46 | 45 | 98% | 1 Crude Fat, Min |
| KENT FEEDS INC, ALTOONA, IA | 1 | 1 | 100% | 4 | 4 | 100% | None |
| KENT FEEDS INC/RICH CRADDICK, MUSCATINE, IA | 46 | 40 | 87% | 309 | 303 | 98% | 1 Crude Protein 5 Vitamin A |
| KENTUCKY EQUINE RESEARCH INC, VERSAILLES, KY | 6 | 4 | 67% | 36 | 34 | 94% | 1 Iron 1 Sodium |
| KENTUCKY NUTRITION SERVICE, LAWRENCEBURG, KY | 26 | 23 | 88% | 235 | 231 | 98% | 1 Phosphorus, Min 1 Iron 1 Magnesium 1 Potassium |
| KENTUCKY PERFORMANCE PRODUCTS, VERSAILLES, KY | 1 | 1 | 100% | 9 | 9 | 100% | None |
| KERRY INGREDIENTS, EVANSVILLE, IN | 2 | 2 | 100% | 3 | 3 | 100% | None |
| KEYNES BROTHERS, LOGAN, OH | 3 | 3 | 100% | 6 | 6 | 100% | None |
| KINGSTON FARMERS EXCHANGE INC, KINGSTON, OH | 2 | 0 | 0% | 26 | 24 | 92% | 1 Crude Protein 1 AH Fat |
| KLN ENTERPRISES INC, PERHAM, MN | 5 | 4 | 80% | 60 | 59 | 98% | 1 Crude Protein |
| K-MART CORPORATION, HOFFMAN ESTATES, IL | 7 | 7 | 100% | 48 | 48 | 100% | None |
| KONG COMPANY, GOLDEN, CO | 1 | 1 | 100% | 5 | 5 | 100% | None |
| KRISLIN INC, LANSING, MI | 1 | 0 | 0% | 8 | 5 | 63% | 1 Calcium, Min 1 Phosphorus, Min 1 Vitamin A |
| KROGER, CINCINNATI, OH | 4 | 3 | 75% | 37 | 35 | 95% | 1 Crude Fiber, Max 1 Calcium, Min |
| K-STAR COMMODITIES, HOPKINSVILLE, KY | 1 | 1 | 100% | 8 | 8 | 100% | None |
| LAFEVER COMPANY, CORNELL, IL | 1 | 1 | 100% | 4 | 4 | 100% | None |
| LAKE CUMBERLAND FEED & FARM, RUSSELL SPRINGS, KY | 1 | 1 | 100% | 5 | 5 | 100% | None |
| LAKE CUMBERLAND MILLING LLC, MONTICELLO, KY | 2 | 2 | 100% | 12 | 12 | 100% | None |
| LAMA WELLNESS SERVICE INC, HENDERSON, KY | 3 | 3 | 100% | 17 | 17 | 100% | None |
| LAND O'LAKES PURINA FEED LLC, SHOREVIEW, MN | 4 | 3 | 75% | 29 | 26 | 90% | 1 Crude Fiber, Max 1 Magnesium 1 Vitamin A |
| LEMSTERS MILL LLC, SMITHS GROVE, KY | 13 | 12 | 92% | 73 | 72 | 99% | 1 Salt, Min |

Report of Official Feed Samples Analyzed—2008

| Name | Samples | | | Analyses | | | Violations |
|---|---------|--------|------|----------|--------|------|--|
| | Total | Passed | % | Total | Passed | % | |
| LEO GABBARD, WEST HARRISON, IN | 1 | 0 | 0% | 12 | 10 | 83% | 1 Calcium, Min 1 Phosphorus, Min |
| LESTER STUTZMAN FEED MILL, MARION, KY | 13 | 10 | 77% | 64 | 61 | 95% | 1 Crude Protein 2 Salt, Min |
| LIFE DATA LABS INC, CHEROKEE, AL | 1 | 1 | 100% | 10 | 10 | 100% | None |
| LIVESTOCK MANAGEMENT SVC, BOWLING GREEN, KY | 7 | 6 | 86% | 58 | 57 | 98% | 1 Magnesium |
| LOUIS DREYFUS CLAYPOOL HOLDING, KANSAS CITY, MO | 1 | 1 | 100% | 3 | 3 | 100% | None |
| LUTTRULL FEED SERVICE, PEMBROKE, KY | 3 | 3 | 100% | 10 | 10 | 100% | None |
| M & M FEEDS, AUSTIN, KY | 1 | 0 | 0% | 8 | 4 | 50% | 1 Crude Fiber, Max 1 Salt, Min 1 Copper 1 Zinc |
| M & W MILLING COMPANY INC, COLUMBIA, KY | 6 | 5 | 83% | 24 | 23 | 96% | 1 Crude Fiber, Max |
| M J PRITCHARD INC, DICKINSON, ND | 1 | 1 | 100% | 3 | 3 | 100% | None |
| MANNA PRO PRODUCTS, LLC, ST LOUIS, MO | 3 | 2 | 67% | 17 | 15 | 88% | 1 Crude Protein 1 Phosphorus, Min |
| MANZANOLA FEEDS, MANZANOLA, CO | 1 | 1 | 100% | 2 | 2 | 100% | None |
| MARION FEED MILL INC, MARION, KY | 10 | 10 | 100% | 61 | 61 | 100% | None |
| MARS FISHCARE NORTH AMERICA, CHALFONT, PA | 3 | 3 | 100% | 10 | 10 | 100% | None |
| MARS PETCARE US INC, FRANKLIN, TN | 1 | 1 | 100% | 14 | 14 | 100% | None |
| MARSHALL PET PRODUCTS, WOLCOTT, NY | 1 | 1 | 100% | 2 | 2 | 100% | None |
| MARTINS FEED & SUPPLY, LIBERTY, KY | 8 | 7 | 88% | 34 | 31 | 91% | 1 Calcium, Min 1 Phosphorus, Min 1 Salt, Min |
| MASTERFOODS USA/KAL KAN, VERNON, CA | 8 | 8 | 100% | 106 | 106 | 100% | None |
| MAYS LICK MILL, MAYS LICK, KY | 8 | 7 | 88% | 63 | 62 | 98% | 1 Chlortetracycline |
| MCCAULEY BROS INC, VERSAILLES, KY | 16 | 14 | 88% | 127 | 125 | 98% | 2 Crude Protein |
| MCGAHAN & COMPANY, PAINTSVILLE, KY | 3 | 0 | 0% | 17 | 14 | 82% | 2 Crude Protein 1 Calcium, Min |
| MCRAE FEED LLC, HARRODSBURG, KY | 20 | 13 | 65% | 91 | 77 | 85% | 1 Crude Protein 3 Crude Fiber, Max 1 Calcium, Min 2 Phosphorus, Min 1 Salt, Min 1 Magnesium 1 Manganese 1 Potassium 3 Zinc |
| MEIJER INC, GRAND RAPIDS, MI | 7 | 6 | 86% | 56 | 55 | 98% | 1 AH Fat |
| MELICK AQUA FEED INC, CATAWISSA, PA | 4 | 3 | 75% | 17 | 16 | 94% | 1 Crude Protein |
| MENU FOODS, PENNSAUKEN, NJ | 1 | 0 | 0% | 2 | 1 | 50% | 1 Crude Protein |
| MERRICK PETFOODS INC, AMARILLO, TX | 11 | 6 | 55% | 148 | 143 | 97% | 1 Crude Protein 2 Zinc 1 Ash 1 Weight, Net |
| MFOLP, CANADA L5N 1B1 | 1 | 0 | 0% | 3 | 2 | 67% | 1 AH Fat |
| MFS (SUMMER SHADE), EDMONTON, KY | 1 | 0 | 0% | 7 | 6 | 86% | 1 Salt, Min |
| MFS ALLIANCE INC, EDMONTON, KY | 13 | 9 | 69% | 51 | 47 | 92% | 1 Crude Protein 2 Crude Fiber, Max 1 Calcium, Min |
| MID-SOUTH MILLING CO, MEMPHIS, TN | 3 | 0 | 0% | 12 | 9 | 75% | 3 Crude Fat, Min |
| MID-STATES DISTRIBUTING CO, ST. PAUL, MN | 6 | 6 | 100% | 34 | 34 | 100% | None |
| MIDWESTERN PET FOODS INC, EVANSVILLE, IN | 14 | 9 | 64% | 103 | 96 | 93% | 1 Crude Protein 1 AH Fat 2 Magnesium 1 Ash 2 Weight, Net |
| MILES FARM ENTERPRISES, OWENSBORO, KY | 3 | 3 | 100% | 27 | 27 | 100% | None |

Report of Official Feed Samples Analyzed—2008

| Name | Samples | | | Analyses | | | Violations |
|--|---------|--------|------|----------|--------|------|--------------------------------------|
| | Total | Passed | | Total | Passed | | |
| MILK PRODUCTS, CHILTON, WI | 1 | 1 | 100% | 4 | 4 | 100% | None |
| MILK SPECIALTIES COMPANY, CARPENTERSVILLE, IL | 1 | 1 | 100% | 8 | 8 | 100% | None |
| MIRACLE CORP PRODUCTS, DAYTON, OH | 1 | 0 | 0% | 5 | 3 | 60% | 1 Crude Protein 1 AH Fat |
| MONROE BROS FEED MILL, CAVE CITY, KY | 10 | 9 | 90% | 37 | 36 | 97% | 1 Salt, Min |
| MOSAIC CROP NUTRITION LLC, RIVERVIEW, FL | 7 | 7 | 100% | 14 | 14 | 100% | None |
| MOUNTAIN COUNTRY FOODS, OKEENE, OK | 1 | 1 | 100% | 4 | 4 | 100% | None |
| MULLICAN FEED MILL, STANLEY, KY | 6 | 5 | 83% | 43 | 42 | 98% | 1 Calcium, Min |
| MYERS FEED & FARM SUPPLY, CORINTH, KY | 4 | 4 | 100% | 22 | 22 | 100% | None |
| NATURA PET PRODUCTS, FREMONT, NE | 6 | 6 | 100% | 35 | 35 | 100% | None |
| NATURAL BALANCE PET FOODS INC, PACOIMA, CA | 8 | 7 | 88% | 79 | 78 | 99% | 1 Sodium |
| NATURAL LIFE PET PRODUCTS, PITTSBURG, KS | 6 | 5 | 83% | 88 | 87 | 99% | 1 AH Fat |
| NATURAL PET NUTRITION COMPANY, BOULDER, CO | 3 | 3 | 100% | 44 | 44 | 100% | None |
| NATURES RECIPE PET FOODS, PITTSBURGH, PA | 5 | 3 | 60% | 62 | 60 | 97% | 1 AH Fat 1 Calcium, Min |
| NATURES VARIETY, LINCOLN, NE | 1 | 1 | 100% | 14 | 14 | 100% | None |
| NEOGEN CORP, LEXINGTON, KY | 1 | 1 | 100% | 5 | 5 | 100% | None |
| NESTLE PURINA PETCARE CO, ST LOUIS, MO | 11 | 11 | 100% | 93 | 93 | 100% | None |
| NEW ENERGY CORP, SOUTH BEND, IN | 12 | 12 | 100% | 30 | 30 | 100% | None |
| NEWMANS OWN ORGANICS, APTOS, CA | 7 | 4 | 57% | 90 | 87 | 97% | 1 Crude Protein 2 Ash |
| NORTH AMERICAN NUTRITION CO, LEWISBURG, OH | 9 | 7 | 78% | 51 | 49 | 96% | 1 Crude Protein 1 Sodium |
| NORTHERN PET PRODUCTS INC, CANADA L4K 1Y7 | 1 | 0 | 0% | 5 | 4 | 80% | 1 Ash |
| NUNN MILLING COMPANY INC, EVANSVILLE, IN | 1 | 1 | 100% | 3 | 3 | 100% | None |
| NUTRA BLEND CORP, NEOSHO, MO | 1 | 1 | 100% | 5 | 5 | 100% | None |
| NUTRI-VET LLC, BOISE, ID | 1 | 1 | 100% | 4 | 4 | 100% | None |
| NUTRO PRODUCTS INC, CITY OF INDUSTRY, CA | 25 | 23 | 92% | 201 | 199 | 99% | 1 AH Fat 1 Magnesium |
| NYLABONE PRODUCTS, NEPTUNE, NJ | 2 | 1 | 50% | 9 | 7 | 78% | 1 Crude Protein 1 AH Fat |
| ODOM'S LIVESTOCK SUPPLY, MAYFIELD, KY | 12 | 9 | 75% | 81 | 78 | 96% | 1 Salt, Min 2 Copper |
| OLD WEST PET TREATS, OMAHA, NE | 1 | 0 | 0% | 4 | 3 | 75% | 1 AH Fat |
| ORALX CORPORATION, OGDEN, UT | 1 | 1 | 100% | 4 | 4 | 100% | None |
| ORGANIC VALLEY/CROPP COOP, LAFARGE, WI | 3 | 3 | 100% | 11 | 11 | 100% | None |
| ORSCHELN FARM & HOME, MOBERLY, MO | 8 | 7 | 88% | 38 | 37 | 97% | 1 Vitamin A |
| OVERBY FARM LLC, BLOOMFIELD, MI | 1 | 1 | 100% | 5 | 5 | 100% | None |
| OWENSBORO GRAIN CO INC, OWENSBORO, KY | 72 | 72 | 100% | 79 | 79 | 100% | None |
| PACIFIC COAST DISTRIBUTING, PHOENIX, AZ | 23 | 23 | 100% | 116 | 116 | 100% | None |
| PAMPERED PET TREATS, ALPINE, CA | 2 | 2 | 100% | 7 | 7 | 100% | None |
| PENN PAK INC, MADISON, GA | 1 | 0 | 0% | 5 | 3 | 60% | 1 Crude Fiber, Max 1 Calcium, Min |
| PENNWOODS EQUINE PRODUCTS INC, CENTRE HALL, PA | 4 | 2 | 50% | 32 | 30 | 94% | 2 Sodium |
| PENNYRILE ORGANICS, GUTHRIE, KY | 1 | 1 | 100% | 2 | 2 | 100% | None |
| PERDUE FARMS INC/MIKE WOOD, SALISBURY, MD | 1 | 1 | 100% | 8 | 8 | 100% | None |
| PERFORMANCE FEEDS, RED BOILING SPGS, TN | 4 | 3 | 75% | 13 | 12 | 92% | 1 Crude Protein |
| PET GH INC, LAS VEGAS, NV | 1 | 0 | 0% | 2 | 1 | 50% | 1 Crude Protein |
| PET NATURALS OF VERMONT, ESSEX JUNCTION, VT | 1 | 0 | 0% | 9 | 8 | 89% | 1 Calcium, Min |
| PETCO ANIMAL SUPPLIES INC., SAN DIEGO, CA | 1 | 1 | 100% | 4 | 4 | 100% | None |
| PETGUARD INC, GREEN COVE SPGS, FL | 5 | 3 | 60% | 34 | 32 | 94% | 1 Crude Protein 1 Ash |
| PETRAPPORIT INC, NORTH BERGEN, NJ | 3 | 2 | 67% | 9 | 8 | 89% | 1 Crude Protein |
| PMI NUTRITION INC, BRENTWOOD, MO | 6 | 6 | 100% | 30 | 30 | 100% | None |
| PRECISE PET PRODUCTS, NACOGDOCHES, TX | 1 | 1 | 100% | 14 | 14 | 100% | None |

Report of Official Feed Samples Analyzed—2008

| Name | Samples | | | Analyses | | | Violations |
|--|---------|--------|------|----------|--------|------|--|
| | Total | Passed | % | Total | Passed | % | |
| PREMIER FEED COMPANY, SABINA, OH | 4 | 2 | 50% | 25 | 20 | 80% | 1 Crude Protein 1 Calcium, Min 1 Magnesium 1 Zinc 1 Vitamin A |
| PREMIUM NUTRITIONAL PRODUCTS, MISSION, KS | 3 | 3 | 100% | 10 | 10 | 100% | None |
| PRETTY BIRD INTL INC, STACY, MN | 3 | 1 | 33% | 18 | 16 | 89% | 1 Crude Protein 1 Zinc |
| PREWITTS FEED & FARM SUPPLY, WILLIAMSBURG, KY | 2 | 1 | 50% | 7 | 5 | 71% | 1 Calcium, Min 1 Phosphorus, Min |
| PRODUCER FEEDS, LOUISVILLE, KY | 33 | 33 | 100% | 178 | 178 | 100% | None |
| PROFESSIONAL PET CO, META, MO | 5 | 5 | 100% | 40 | 40 | 100% | None |
| PROGRESSIVE NUTRITION, HARLAN, IA | 3 | 3 | 100% | 25 | 25 | 100% | None |
| PROGRESSIVE NUTRITION, LEWISBURG, OH | 5 | 2 | 40% | 39 | 35 | 90% | 1 Crude Protein 1 Copper 2 Zinc |
| PRO-PET LLC, ST MARYS, OH | 8 | 6 | 75% | 68 | 66 | 97% | 2 AH Fat |
| PURINA MILLS INC, ST. LOUIS, MO | 160 | 143 | 89% | 884 | 865 | 98% | 4 Crude Protein 3 Crude Fat, Min 1 Calcium, Min 1 Salt, Min 2 Cobalt 1 Copper 1 Manganese 2 Potassium 3 Vitamin A 1 Chlortetracycline |
| RAMARD INC, OCALA, FL | 1 | 1 | 100% | 9 | 9 | 100% | None |
| RAY M YODER FEED MILL, MARION, KY | 21 | 16 | 76% | 122 | 117 | 96% | 2 Crude Protein 2 Salt, Min 1 Copper |
| RED A FEEDS, MANKATO, MN | 17 | 15 | 88% | 97 | 94 | 97% | 1 Zinc 1 Vitamin A 1 Chlortetracycline |
| RED RIVER COMMODITIES, FARGO, ND | 1 | 0 | 0% | 4 | 3 | 75% | 1 Crude Fiber, Max |
| REDBARN PET PRODUCTS INC, LONG BEACH, CA | 1 | 1 | 100% | 5 | 5 | 100% | None |
| RICELAND FOODS, STUTTGART, AR | 1 | 1 | 100% | 2 | 2 | 100% | None |
| RICHDEL INC, CARSON CITY, NV | 1 | 0 | 0% | 7 | 5 | 71% | 1 Crude Protein 1 Crude Fiber, Max |
| RIP'S FARM CENTER, TOLLESBORO, KY | 21 | 16 | 76% | 120 | 107 | 89% | 1 Crude Protein 5 Calcium, Min 4 Phosphorus, Min 2 Copper 1 Decoquinat |
| RIVER VALLEY ANIMAL FOODS, ROBARDS, KY | 6 | 6 | 100% | 23 | 23 | 100% | None |
| ROLF C. HAGEN (USA) CORP, MANSFIELD, MA | 3 | 3 | 100% | 11 | 11 | 100% | None |
| ROSE ACRE FARMS INC, SEYMOUR, IN | 6 | 6 | 100% | 6 | 6 | 100% | None |
| ROUDYBUSH INC, WOODLAND, CA | 1 | 1 | 100% | 4 | 4 | 100% | None |
| ROYAL CANIN USA INC/RUTH ADAIR, ST CHARLES, MO | 10 | 10 | 100% | 101 | 101 | 100% | None |
| RUCKELS FARM SUPPLY, WAYNESBURG, KY | 15 | 11 | 73% | 97 | 90 | 93% | 2 Crude Protein 1 Lysine 1 Calcium, Min 2 Salt, Min 1 Zinc |
| RUDY VENTURES, LOUISVILLE, KY | 1 | 0 | 0% | 3 | 2 | 67% | 1 Crude Protein |
| RUDYS FARM CENTER, KEVIL, KY | 9 | 9 | 100% | 55 | 55 | 100% | None |
| RURAL KING, MATTOON, IL | 2 | 2 | 100% | 13 | 13 | 100% | None |
| RUSSELL COUNTY FEED MILL, RUSSELL SPGS, KY | 4 | 3 | 75% | 20 | 19 | 95% | 1 Crude Protein |
| S & M NUTEC LLC, KANSAS CITY, MO | 2 | 1 | 50% | 7 | 6 | 86% | 1 AH Fat |

Report of Official Feed Samples Analyzed—2008

| Name | Samples | | | Analyses | | | Violations |
|--|---------|--------|------|----------|--------|------|---|
| | Total | Passed | % | Total | Passed | % | |
| S S BRECK, HARDINSBURG, KY | 4 | 4 | 100% | 15 | 15 | 100% | None |
| S S CNTRL KY SVC HARRDSBRG, HARRODSBURG, KY | 2 | 2 | 100% | 7 | 7 | 100% | None |
| S S COOP INC - FEED DIV, WINCHESTER, KY | 2 | 2 | 100% | 11 | 11 | 100% | None |
| S S COOP INC, RICHMOND, VA | 186 | 168 | 90% | 1,165 | 1,146 | 98% | 1 Crude Protein 2 Crude Fiber, Max 1 Copper 1 Magnesium 13 Vitamin A 1 Chlortetracycline |
| S S CYNTHIANA, CYNTHIANA, KY | 3 | 2 | 67% | 6 | 5 | 83% | 1 Crude Protein |
| S S FLEMINGSBURG, FLEMINGSBURG, KY | 6 | 5 | 83% | 30 | 29 | 97% | 1 Salt, Min |
| S S GEORGETOWN, GEORGETOWN, KY | 2 | 2 | 100% | 4 | 4 | 100% | None |
| S S LEITCHFIELD, LEITCHFIELD, KY | 11 | 10 | 91% | 46 | 45 | 98% | 1 Salt, Min |
| S S LONDON, LONDON, KY | 3 | 2 | 67% | 17 | 16 | 94% | 1 Salt, Min |
| S S MAYSVILLE, MAYSVILLE, KY | 1 | 1 | 100% | 5 | 5 | 100% | None |
| S S OWENSBORO, OWENSBORO, KY | 2 | 2 | 100% | 11 | 11 | 100% | None |
| S S OWENTON, OWENTON, KY | 3 | 3 | 100% | 3 | 3 | 100% | None |
| S S OWINGSVILLE SVC, OWINGSVILLE, KY | 3 | 3 | 100% | 15 | 15 | 100% | None |
| SAN FRANCISCO BAY BRAND INC, NEWARK, CA | 1 | 1 | 100% | 2 | 2 | 100% | None |
| SAVE-A-LOT FOOD STORES INC, BOISE, ID | 7 | 6 | 86% | 60 | 59 | 98% | 1 AH Fat |
| SHELL & KAMPETER, ST THOMAS, MO | 5 | 4 | 80% | 17 | 16 | 94% | 1 Ash |
| SCHOCHOH MILLS INC, ADAIRVILLE, KY | 2 | 2 | 100% | 21 | 21 | 100% | None |
| SCIENCE HILL MILLING CO, SCIENCE HILL, KY | 6 | 4 | 67% | 30 | 28 | 93% | 1 Crude Fat, Min 1 Crude Fiber, Max |
| SCOTT PET PRODUCTS, ROCKVILLE, IN | 3 | 1 | 33% | 12 | 10 | 83% | 2 Crude Fat, Min |
| SEACHEM LABORATORIES INC, MADISON, GA | 1 | 1 | 100% | 2 | 2 | 100% | None |
| SEEDS INC, MEMPHIS, TN | 2 | 2 | 100% | 28 | 28 | 100% | None |
| SEITER FARMS, CALIFORNIA, KY | 1 | 1 | 100% | 7 | 7 | 100% | None |
| SEMINOLE FEEDS, OCALA, FL | 3 | 1 | 33% | 39 | 35 | 90% | 1 Calcium, Min 1 Phosphorus, Min 1 Potassium 1 Ash |
| SERGEANTS PET CARE PRODUCTS, OMAHA, NE | 2 | 2 | 100% | 5 | 5 | 100% | None |
| SEVENTY FEEDS LLC, EUBANK, KY | 6 | 5 | 83% | 22 | 21 | 95% | 1 Crude Fat, Min |
| SHEBANGS NATURAL SELECTION INC, ROCKPORT, IN | 3 | 1 | 33% | 12 | 9 | 75% | 1 Crude Protein 2 AH Fat |
| SIEMER ENTERPRISES INC, TEUTOPOLIS, IL | 1 | 0 | 0% | 3 | 1 | 33% | 1 Crude Protein 1 Crude Fiber, Max |
| SIEMER MILLING COMPANY, HOPKINSVILLE, KY | 4 | 4 | 100% | 14 | 14 | 100% | None |
| SIEMER MILLING, HOPKINSVILLE, KY | 1 | 1 | 100% | 2 | 2 | 100% | None |
| SIMMONS PET FOOD INC, SILOAM SPRINGS, AR | 8 | 6 | 75% | 71 | 69 | 97% | 2 AH Fat |
| SMITH SOUTH SIDE FEED & GRAIN, BOWLING GREEN, KY | 3 | 3 | 100% | 16 | 16 | 100% | None |
| SOJOURNER FARMS, MINNEAPOLIS, MN | 2 | 1 | 50% | 7 | 6 | 86% | 1 AH Fat |
| SOLID GOLD HEALTH PRODUCTS, EL CAJON, CA | 3 | 2 | 67% | 21 | 20 | 95% | 1 Zinc |
| SOURCE INC, N BRANFORD, CT | 1 | 1 | 100% | 3 | 3 | 100% | None |
| SOUTH FRESH FEEDS, DEMOPOLIS, AL | 2 | 1 | 50% | 7 | 6 | 86% | 1 Crude Protein |
| SOUTHEASTERN WHOLESALERS INC, BARBOURVILLE, KY | 2 | 1 | 50% | 8 | 7 | 88% | 1 Crude Protein |
| SOUTHERN STATES COOP INC, RICHMOND, VA | 1 | 1 | 100% | 10 | 10 | 100% | None |
| SOY INC/DBA HEALTHY COAT, GIBSON, IA | 1 | 1 | 100% | 1 | 1 | 100% | None |
| SPECIALTY FEEDS INC, MEMPHIS, TN | 1 | 0 | 0% | 13 | 12 | 92% | 1 Potassium |
| STARMASER FEEDS, THORNVILLE, OH | 2 | 0 | 0% | 17 | 14 | 82% | 1 Crude Protein 1 Salt, Min 1 Zinc |
| STEWARTS FARM SUPPLY, BROOKSVILLE, KY | 7 | 6 | 86% | 36 | 34 | 94% | 1 Crude Fat, Min 1 Calcium, Min |
| STOCKADE BRANDS INC, PITTSBURG, KS | 2 | 1 | 50% | 13 | 12 | 92% | 1 Vitamin A |

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| Name | Samples | | | Analyses | | | Violations |
|--|---------|--------|------|----------|--------|------|---|
| | Total | Passed | | Total | Passed | | |
| STOKES NATURE CP, FARGO, ND | 1 | 0 | 0% | 3 | 2 | 67% | 1 Crude Fiber, Max |
| SUGAR CREEK PET PRODUCTS LLC, META, MO | 2 | 2 | 100% | 4 | 4 | 100% | None |
| SUMMERSVILLE FEED MILL, SUMMERSVILLE, KY | 7 | 4 | 57% | 27 | 23 | 85% | 1 Crude Fiber, Max 3 Salt, Min |
| SUNSHINE MILLS INC, RED BAY, AL | 9 | 6 | 67% | 92 | 89 | 97% | 1 AH Fat 1 Magnesium 1 Weight, Net |
| SUPREME MILLS, GLASGOW, KY | 9 | 9 | 100% | 82 | 82 | 100% | None |
| SUPREME PET PRODUCTS, FERNDALE, WA | 1 | 1 | 100% | 4 | 4 | 100% | None |
| SWEETLIX LLC/HUBBARD FEEDS, MANKATO, MN | 8 | 5 | 63% | 63 | 56 | 89% | 1 Copper 1 Manganese 1 Potassium 1 Zinc 3 Vitamin A |
| T & H FEED SERVICE, LEBANON, KY | 1 | 1 | 100% | 5 | 5 | 100% | None |
| TAPPS FEED & FARM SUPPLY, SHELBYVILLE, KY | 4 | 3 | 75% | 22 | 21 | 95% | 1 Copper |
| TARGET CORPORATION, MINNEAPOLIS, MN | 7 | 6 | 86% | 64 | 63 | 98% | 1 AH Fat |
| TARGETED PET TREATS LLC, MEADVILLE, PA | 1 | 1 | 100% | 2 | 2 | 100% | None |
| TASTE OF THE WILD, META, MO | 2 | 2 | 100% | 28 | 28 | 100% | None |
| TATE&LYLE INGREDIENTS AMERICAS, DECATUR, IL | 4 | 4 | 100% | 8 | 8 | 100% | None |
| TEDS FEED STORE, MIDDLESBORO, KY | 1 | 1 | 100% | 5 | 5 | 100% | None |
| TENNESSEE FARMERS COOPERATIVE, LAVERGNE, TN | 3 | 3 | 100% | 34 | 34 | 100% | None |
| TETRA HOLDING (US)/TETRA WERKE, BLACKSBURG, VA | 3 | 3 | 100% | 5 | 5 | 100% | None |
| THE BISCUIT FACTORY, PICO RIVERA, CA | 1 | 1 | 100% | 4 | 4 | 100% | None |
| THE GOODLIFE RECIPE PETCARE CO, BRENTWOOD, TN | 4 | 3 | 75% | 34 | 33 | 97% | 1 Crude Protein |
| THE MEOW MIX COMPANY, SEACUCUS, NJ | 7 | 6 | 86% | 48 | 47 | 98% | 1 AH Fat |
| THE NATURAL VET LLC, UNICIO, TN | 1 | 1 | 100% | 5 | 5 | 100% | None |
| THREE DOG BAKERY, KANSAS CITY, MO | 3 | 1 | 33% | 22 | 20 | 91% | 2 AH Fat |
| TIMBER WOLF ORGANIC INC*, WINDEMERE, FL | 2 | 1 | 50% | 22 | 20 | 91% | 1 Calcium, Min 1 Vitamin A |
| TIZWHIZ SALES LTD, SOUTH CHARLESTON, OH | 4 | 3 | 75% | 41 | 40 | 98% | 1 Crude Fat, Min |
| TOPCO ASSOC/BART BECHERER, SKOKIE, IL | 1 | 1 | 100% | 4 | 4 | 100% | None |
| TRACTOR SUPPLY COMPANY, BRENTWOOD, TN | 23 | 21 | 91% | 140 | 138 | 99% | 2 Crude Protein |
| T-REX PRODUCTS, CHULA VISTA, CA | 1 | 1 | 100% | 4 | 4 | 100% | None |
| TRI STATE PACKAGING CO, VAN WERT, OH | 3 | 2 | 67% | 8 | 7 | 88% | 1 Crude Fat, Min |
| TRI STATE PACKAGING CO, VAN WERT, OH | 1 | 1 | 100% | 3 | 3 | 100% | None |
| TRI-COUNTY FEEDS, LIBERTY, KY | 5 | 4 | 80% | 20 | 19 | 95% | 1 Calcium, Min |
| TRI-COUNTY FERTILIZER, RICHMOND, KY | 8 | 7 | 88% | 30 | 29 | 97% | 1 Acid Detergent Fiber |
| TRIMBLE CO FARM SUPPLY, MILTON, KY | 1 | 0 | 0% | 4 | 3 | 75% | 1 Calcium, Min |
| TRIPLE CROWN NUTRITION INC, WAYZATA, MN | 5 | 1 | 20% | 53 | 49 | 92% | 2 Iron 2 Vitamin A |
| TUGGLE FEEDS, HARRODSBURG, KY | 3 | 3 | 100% | 4 | 4 | 100% | None |
| TUTTLE'S HORSE CARE DIV, CODY, WY | 1 | 0 | 0% | 13 | 11 | 85% | 1 Salt, Min 1 Manganese |
| TWO RIVERS INC, DRAKESBORO, KY | 2 | 0 | 0% | 15 | 12 | 80% | 1 Crude Protein 1 Copper 1 Zinc |
| TYSON FRESH MEATS, DAKOTA CITY, NE | 3 | 3 | 100% | 13 | 13 | 100% | None |
| U S GRAIN CO, LUTHERVILLE, MD | 1 | 1 | 100% | 16 | 16 | 100% | None |
| UNITED SALT CORP/KATHY DUBIEL, HOUSTON, TX | 1 | 0 | 0% | 7 | 6 | 86% | 1 Calcium, Min |
| VALLEY FARM CENTER INC, MONTICELLO, KY | 2 | 0 | 0% | 11 | 9 | 82% | 2 Crude Protein |
| VALLEY VIEW FEEDS/BRUBAKER GRN, FARMERSVILLE, OH | 1 | 1 | 100% | 1 | 1 | 100% | None |
| VAPCO INC, LAWRENCE, MA | 1 | 0 | 0% | 8 | 7 | 88% | 1 Calcium, Min |
| VARIETY PET FOODS, ENGLEWOOD, CO | 2 | 2 | 100% | 28 | 28 | 100% | None |
| VENTURE MILLING, SEAFORD, DE | 1 | 1 | 100% | 3 | 3 | 100% | None |

Report of Official Feed Samples Analyzed—2008

| Name | Samples | | | Analyses | | | Violations |
|--|---------|--------|------|----------|--------|------|--|
| | Total | Passed | | Total | Passed | | |
| VETERINARY PRESCRIPTION FEEDS, HICKORY, KY | 1 | 1 | 100% | 3 | 3 | 100% | None |
| VITA FLEX NUTRITION CO INC, COUNCIL BLUFF, IA | 1 | 0 | 0% | 11 | 9 | 82% | 1 Manganese 1 Zinc |
| VITAKRAFT PET PRODUCTS CO INC, BOUND BROOK, NJ | 3 | 0 | 0% | 16 | 13 | 81% | 1 Crude Fat, Min 1 AH Fat 1 Crude Fiber, Max |
| VITAKRAFT SUN SEED CO INC, BOWLING GREEN, OH | 3 | 2 | 67% | 22 | 21 | 95% | 1 Calcium, Min |
| W C MILLING LLC, SEAMAN, OH | 1 | 0 | 0% | 5 | 2 | 40% | 1 Crude Fiber, Max 1 Calcium, Min 1 Phosphorus, Min |
| WALMART STORES INC, BENTONVILLE, AR | 10 | 10 | 100% | 105 | 105 | 100% | None |
| WATSON FEED, PRINCETON, KY | 5 | 4 | 80% | 19 | 18 | 95% | 1 Copper |
| WELLNESS/OLD MOTHER HUBBARD, TEWKSBURY, MA | 14 | 12 | 86% | 136 | 134 | 99% | 1 Crude Fat, Min 1 AH Fat |
| WELLS PET FOODS CORP, MONMOUTH, IL | 2 | 2 | 100% | 7 | 7 | 100% | None |
| WESTWAY TRADING/J PRIMEAUX, NEW ORLEANS, LA | 5 | 4 | 80% | 12 | 11 | 92% | 1 Phosphorus, Min |
| WHOLE FOODS MARKET, AUSTIN, TX | 7 | 6 | 86% | 69 | 68 | 99% | 1 AH Fat |
| WILDGAME INNOVATIONS LLC, BROUSSARD, LA | 4 | 2 | 50% | 29 | 24 | 83% | 1 Calcium, Min 1 Phosphorus, Min 2 Copper 1 Vitamin A |
| WILLARD MILLING, INC, WILLARD, KY | 19 | 12 | 63% | 207 | 196 | 95% | 2 AH Fat 4 Potassium 5 Zinc |
| WILSON FARM SUPPLY INC, NANCY, KY | 3 | 3 | 100% | 4 | 4 | 100% | None |
| WINCHESTER FEED & SUPPLY INC, WINCHESTER, KY | 6 | 4 | 67% | 41 | 38 | 93% | 1 Crude Fiber, Max 1 Calcium, Min 1 Copper |
| WINSTON COMPANY, TULSA, OK | 1 | 1 | 100% | 5 | 5 | 100% | None |
| WITTE FEEDS INC, DALE, IN | 5 | 5 | 100% | 25 | 25 | 100% | None |
| WOODFORD FEED CO, VERSAILLES, KY | 11 | 8 | 73% | 54 | 51 | 94% | 1 Phosphorus, Min 1 Zinc 1 Vitamin A |
| WOODYS PERFORMANCE HORSE FEED, DICKINSON, ND | 1 | 1 | 100% | 2 | 2 | 100% | None |
| WRIGLEY 7-711 INC, WRIGLEY, KY | 4 | 4 | 100% | 19 | 19 | 100% | None |
| WYSONG CORP, MIDLAND, MI | 2 | 1 | 50% | 28 | 27 | 96% | 1 Crude Protein |
| YODERS FEED & SUPPLY, RUSSELLVILLE, KY | 3 | 3 | 100% | 20 | 20 | 100% | None |
| YOTTA PET PRODUCTS INC, PARIS, IL | 1 | 1 | 100% | 2 | 2 | 100% | None |
| ZUKE'S, DURANGO, CO | 2 | 2 | 100% | 4 | 4 | 100% | None |

Analytical Variations

Control officials use analytical variations (AVs) as a guide for issuing a violation with respect to the label guarantee. A product is required to meet the label guarantee as well as represent the composition of the product. Kentucky's AVs use the Association of American Feed Control Officials (AAFCO) AVs as a basis for minimum and maximum guarantees. The AVs allow for the inherent variability in laboratory analyses. AVs apply to a single determination under routine laboratory conditions. The reported value for an analyte in the sample undergoes a review with respect to the guarantee using the AVs as the guide. Consideration of the manufacturer's historical performance may affect support of enforcement action.

The Regulatory Services laboratory employs the following AVs:

| | | | | | |
|----------------------------|-------|-----------|---------------------------------|-------|--------|
| Crude Protein | - 3% | + 50% | Decoquinat | - 20% | + 20% |
| *NPN Equiv. Protein (urea) | - 50% | + 20% | Dichlorvos | - 20% | + 30% |
| *Lysine | - 20% | + 200% | Hygromycin B | - 25% | + 20% |
| *Crude Fat | - 20% | + 5 units | Lincomycin | - 25% | + 35% |
| *Crude Fiber | - 60% | + 15% | Melegestrol Acetate | - 30% | + 30% |
| *Ash | | + 5% | Methoprene | - 30% | + 30% |
| *Calcium | - 15% | + 2 units | Monensin | - 30% | + 30% |
| *Phosphorus | - 15% | + 2 units | Oxytetracycline | - 30% | + 30% |
| *Salt | - 40% | + 40% | Penicillin | - 35% | + 35% |
| Cobalt | - 40% | + 200% | Pyrantel Tartrate | - 25% | + 25% |
| Copper | - 40% | + 200% | Rabon | - 25% | + 30% |
| Iodine | - 40% | + 200% | Roxarsone | - 25% | + 25% |
| Iron | - 40% | + 200% | Sulfamethazine | - 20% | + 20% |
| Magnesium | - 40% | + 200% | Sulfaquinoxaline | - 25% | + 25% |
| Manganese | - 40% | + 200% | Sulfathiazole | - 20% | + 20% |
| *Potassium | - 30% | + 200% | Thiabendazole | - 30% | + 30% |
| Selenium | - 40% | + 140% | Tylosin | - 30% | + 30% |
| Sodium | - 30% | + 130% | Virginamycin | - 40% | + 40% |
| Zinc | - 40% | + 200% | Zoalene | - 25% | + 25% |
| Amprolium | - 40% | + 20% | Moisture | | + 12% |
| Arsanilic Acid | - 20% | + 20% | Sodium Bicarbonate | - 30% | + 30% |
| Bacitracin | - 40% | + 40% | Invert Sugar | - 10% | |
| Carbadox | - 20% | + 20% | Vitamin A | - 30% | + 200% |
| Chlortetracycline | - 30% | + 30% | Net Weight (small package) - 5% | | |
| Coumaphos | - 20% | + 20% | | | |

*AVs added or modified to improve consistency with the AAFCO AVs and regulatory enforcement.

UNIVERSITY OF KENTUCKY
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