



2018 INDIANA ANIMAL FEED SUMMARY REPORT OF ACTIVITIES

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The feed department assures animal feeds are truthfully and accurately labeled, nutritionally sound for their intended use, free of adulterants and unwanted contaminants through inspection, sampling, education, technology, and administrative review. Working with industry, consumers, veterinarians, other state and federal regulators, and other staff at Purdue, the feed department investigates animal deaths, complaints, and adverse effects suspected through feeds to discover problems using scientific and factual information and inform all parties involved.

FEED INDUSTRY IN 2018

In 2018, 1,712 companies held a commercial feed license to manufacture or distribute animal feeds under their label in this state or into Indiana. These companies distribute over two million tons in Indiana each year. Pet and Specialty Pet Foods distributed in packages ten pounds and less, are not subject to tonnage reporting and are listed on an annual basis. For 2018, over sixteen thousand, different small package pet and specialty foods were registered. Our Pet Food Specialist reviews many of these labels to assure proper claims and information are on the label;. This indicates a mass expansion in the pet industry. A little more than a decade ago, the number of products registered was approximately two thousand products.

FEED MILL INSPECTIONS

Recent congressional mandates to FDA include better protecting our food and feed supply. While there have been good manufacturing practices (GMP) required for medicated feeds for many years, the approach applying good manufacturing practices for all feed manufacturing. This has been phased in over the last three years. 2019 will see the time when all qualified facilities must have GMPs in place and a feed safety plan in use for identified hazards.

As such, certain regulations are in place to assure that proper procedures, equipment cleanout, formulating, labeling and preventing cross contamination into other feeds. In 2018, OISC continued performing inspections of mills and manufacturers via contract with the FDA. These inspections are then forwarded to FDA for enforcement action if warranted. In this phase in period a total of forty seven non-federally licensed mills were inspected in Indiana as well.

Veterinary Feed Directives (VFD) are now required for certain animal antibiotics to be used in feed. These drugs are important in human medicine as well. The introduction of a veterinary-client relationship is to assure certain medications are only used when necessary and to make sure the diagnosis is correct. This has been an educational demand from our inspectors

ASSOCIATION OF AMERICAN FEED CONTROL OFFICIALS (AAFCO)

AAFCO is an association of federal and state feed regulators that meets and formulates policy for all to implement. Many changes have been occurring with feeds and foods. In 2018 Indiana was well represented in the association with Mr. Geiger serving as President Elect. Next year he will be president of the association.

SAMPLING AND ANALYSIS

In 2018, a total of 1,842 samples were collected and analyzed by our office. Unlike fertilizers, there are over sixty different nutrients, medications, and known adulterants to check. This year we have noticed a drop in compliance with direct fed microbials. There has been a resurgence in microbial products being fed to pets and livestock. These are live cultures that must be protected from degradation sources. Direct fed microbials is a relatively new concept to most feed companies and continued educational efforts have been made to make sure formulations are correct.

GRAIN TESTING FOR MYCOTOXIN CONTAMINATION IN 2018

Each fall, several corn samples are collected by the field staff for new crop corn. These corn samples are then analyzed for protein content and possible mycotoxin contamination. Mycotoxins checked for include aflatoxin, fumonisin, vomitoxin, and zearalenone. Even in small amounts, these toxins can have many adverse effects on varying species of animals. Only a few out of one hundred fifty samples showed a presence of the mycotoxins and most of these were well below FDA guidelines for limitations in feed.

The Indiana feed program monitors all animal feeds including livestock, zoo, pet and specialty pet foods by enforcing the Indiana Commercial Feed Law (IC 15-19-7) and 355 IAC 6-1 and 6-2.