



INDIANA STATE CHEMIST
Feed Section
2017 Summary Report

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Protecting Indiana's Agriculture and Environment – Feed, Fertilizer, Pesticide, and Seed
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OUR MISSION: The feed section assures animal feeds are truthfully labeled, nutritionally sound for their intended use, free of adulterants and unwanted contaminants through inspection, education, technology, and administrative review.

Involving industry, consumers, veterinarians, other state and federal regulators, and staff at Purdue, the feed section investigates animal deaths, complaints, and adverse effects suspected through feeds to discover problems and through scientific and factual information inform all parties involved and correct the situation.

In the fall of 2017, OISC renewed their contract obligations with FDA to perform ten licensed medicated facility inspections. OISC inspectors are commissioned and credentialed by FDA to operate on their behalf.

Our ingredient sampling program emphasized the major protein sources used in feeds. This included Distiller Dried Grains, Soybean Meal and Animal Protein Products.

PROGRAM HIGHLIGHTS:

2017 continued to see the implementation of the Food safety Modernization Act (FSMA). An integrated frame work continues to be developed to assure a safer human and animal food supply. Implementation is being done in stages with the larger firms being required to have controls in place the soonest.

2017 ushered in the start of the new VFD antibiotics used in animal feed that are important to human medicine. While VFDs have been required for a few drugs for several years, incorporation of the newly classified drugs involves substantially more manufacturers, farmers and growers.

2017 SAMPLING:

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| Official Samples Collected and Analyzed: | 1,703 |
| Unofficial Samples Collected | 185 |
| Licensed Manufacturers and Labelers | 1,215 |
| Small Package Pet & Specialty Products Listed | 16,205 |
| Number of Labelers Sampled | 468 |



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|---------------------------------|-----|
| Dry Complete Dog Foods Sampled: | 150 |
| Canned Complete Dog Food | 11 |
| Dry Complete Cat Food | 87 |
| Canned Cat Foods Sampled: | 18 |
| Pet Treats | 89 |

2017 FALL CORN SURVEY:

Every fall, OISC inspectors collect samples of harvested grains. With the harvest of the 2017 corn crop, we did not find any serious mycotoxin contamination in Indiana. While we saw some vomitoxin and fumonisin, the levels were very low and did not indicate a serious threat to animal health. The samples were also analyzed for protein in order to give accurate values for use in calculating formula values and provide accurate guarantees for their feeds containing corn.

(http://www.oisc.purdue.edu/feed/ingredient_protein.html). The high value found was 7.65%, the average value was 6.11% and the low value was 5.74% for the ninety-four samples analyzed. These values have not been adjusted to reflect moisture content at time of analysis.

PET FOOD LABELING:

The various pet foods and animal supplements have increased substantially over the past few years. Having a pet food specialist allows us to better monitor pet foods for unapproved ingredients, unsubstantiated claims, contaminants and nutrient values. The Association of American Feed Control Officials (AAFCO) is conducting a pet food modernization project where Indiana will significant input. Pet food labeling is being evaluated to be able to better inform pet owners about the nutrition in the diet.

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