

**Michigan Department of Agriculture
Pesticide and Plant Pest Management Division**

FY'10 Feed Sampling

1492 samples taken as of 6/15/10
 173 tested for mycotoxins
 90 tested for medications
 919 tested for protein
 310 tested for BSE

FY'10 Sampling Plan Calls for
 1,600 samples statewide:
 200 mycotoxin
 100 medicated
 300 BSE
 1,000 nutrient (protein)

Vomitoxin

166 sample results
 88 samples found to have 1 ppm or higher
 12 samples with 5-7 ppm
 5 samples with 8-9 ppm
 3 samples with 11-14 ppm

feed	samples	detections (1 ppm +)
complete feeds	43	32
corn	51	30
distiller grains	19	18
pet food	46	5
wheat/soybean	7	3
TOTAL*	166	88

Zearalenone

102 sample results
 8 samples with 500-1,000 ppb
 1 sample with > 1,000 ppb (corn)

Aflatoxin

127 sample results
 9 low level detections found
 7 samples with 1 ppb
 2 samples with 3-4 ppb

Medicated

90 sample results
 26% violation rate

	samples	violations
decoquinate	30	9
lasalocid	27	3
monensin	28	8
oxytetracycline	5	1
TOTAL	90	21

Protein

820 samples w/results back
 222/820 violative = 27% violation rate
 198/222 violations in state
 24/222 violations out of state
 610 in state samples / 206 out of state

92 corn samples
 28/92 corn violative = 30% violation rate
 average corn protein level ~ 7.1%
 low result = 6.6%; high result = 7.9%