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

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

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

<table>
<thead>
<tr>
<th>samples</th>
<th>violations</th>
</tr>
</thead>
<tbody>
<tr>
<td>decoquinate</td>
<td>30</td>
</tr>
<tr>
<td>lasalocid</td>
<td>27</td>
</tr>
<tr>
<td>monensin</td>
<td>28</td>
</tr>
<tr>
<td>oxytetracycline</td>
<td>5</td>
</tr>
<tr>
<td>TOTAL</td>
<td>90</td>
</tr>
</tbody>
</table>

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%

6/15/2010