

Mycotoxin Survey - Jan to July 2010

| Sample | Aflatoxin B1, ng/g | Deoxynivalenol, ng/g | Ochratoxin A, ng/g | Fumonisin B1, ng/g | T-2 toxin, ng/g | Zearalenon, ng/g | Test Method |
|---------------------|--------------------|----------------------|--------------------|--------------------|-----------------|------------------|-------------|
| JANUARY 2010 | | | | | | | |
| Corn | ND | ND | ND | 76 | ND | ND | LCMS/MS |
| Feed | 2 | ND | ND | ND | ND | ND | LCMS/MS |
| Corn | ND | ND | ND | 4972 | ND | ND | LCMS/MS |
| Feed | ND | ND | ND | 149 | ND | 13 | LCMS/MS |
| Feed | ND | ND | ND | 155 | ND | 14 | LCMS/MS |
| Feed | ND | 18 | ND | ND | ND | ND | LCMS/MS |
| Wheat | ND | ND | ND | 28 | ND | ND | LCMS/MS |
| Feed | ND | ND | ND | 4396 | ND | 25 | LCMS/MS |
| Feed | ND | ND | ND | 4323 | ND | 23 | LCMS/MS |
| Corn | ND | ND | ND | 1903 | ND | ND | LCMS/MS |
| Corn | ND | ND | ND | 925 | ND | ND | LCMS/MS |
| Feed | 6 | Not Tested | Not Tested | Not Tested | Not Tested | Not Tested | ELISA |
| Feed | ND | Not Tested | Not Tested | Not Tested | Not Tested | Not Tested | ELISA |
| Bakery By product | ND | Not Tested | Not Tested | ND | Not Tested | ND | ELISA |
| Wheat Bran | ND | Not Tested | Not Tested | Not Tested | Not Tested | Not Tested | ELISA |
| Corn | Not Tested | Not Tested | Not Tested | 2.60 | Not Tested | Not Tested | ELISA |
| Feed | Not Tested | Not Tested | Not Tested | 0.94 | Not Tested | Not Tested | ELISA |

FEBRUARY 2010

| | | | | | | | |
|------|----|------|----|------|----|----|---------|
| Feed | ND | 294 | ND | ND | ND | ND | LCMS/MS |
| Feed | ND | 220 | ND | ND | ND | ND | LCMS/MS |
| Feed | ND | 299 | ND | ND | ND | ND | LCMS/MS |
| Feed | ND | 0.90 | ND | 0.38 | ND | ND | ELISA |
| Feed | ND | 0.69 | ND | 0.45 | ND | ND | ELISA |
| Feed | ND | 0.42 | ND | ND | ND | ND | ELISA |
| Corn | ND | 0.81 | ND | ND | ND | ND | ELISA |
| Feed | ND | 0.27 | ND | 0.65 | ND | 80 | ELISA |
| Feed | ND | 0.25 | ND | 0.48 | ND | 83 | ELISA |

MARCH 2010

| | | | | | | | |
|---------------|----|------|-----|------|-----|-----|---------|
| Corn | 93 | ND | 129 | 5455 | 542 | 647 | LCMS/MS |
| Feed | ND | ND | ND | 95 | ND | ND | LCMS/MS |
| Corn | ND | ND | ND | 1597 | ND | ND | LCMS/MS |
| Feed | ND | ND | ND | ND | ND | ND | LCMS/MS |
| Corn | ND | ND | ND | 116 | ND | ND | LCMS/MS |
| Feed | ND | ND | ND | 2144 | ND | 331 | LCMS/MS |
| Feed | ND | ND | ND | 558 | ND | 12 | LCMS/MS |
| Corn | ND | ND | ND | 2676 | ND | ND | LCMS/MS |
| Feed | ND | 39 | ND | 1949 | ND | ND | LCMS/MS |
| Chilli powder | ND | ND | ND | ND | ND | ND | LCMS/MS |
| Chilli powder | ND | ND | ND | ND | ND | ND | LCMS/MS |
| Feed | ND | ND | ND | 1.18 | ND | ND | ELISA |
| Feed | ND | ND | ND | 1.29 | ND | ND | ELISA |
| Feed | ND | ND | ND | 2.36 | ND | ND | ELISA |
| Feed | ND | 0.52 | ND | ND | ND | ND | ELISA |

APRIL 2010

| | | | | | | | |
|------|----|----|----|------|----|----|---------|
| Corn | ND | ND | ND | 267 | ND | ND | LCMS/MS |
| Feed | ND | ND | ND | 208 | ND | ND | LCMS/MS |
| Feed | ND | ND | ND | 90 | ND | ND | LCMS/MS |
| Feed | ND | ND | ND | 42 | ND | ND | LCMS/MS |
| Feed | ND | ND | ND | 133 | ND | ND | LCMS/MS |
| Corn | ND | ND | ND | 4.14 | ND | ND | ELISA |

MAY 2010

| | | | | | | | |
|------|----|----|----|------|----|----|---------|
| Corn | ND | ND | ND | 2847 | ND | ND | LCMS/MS |
|------|----|----|----|------|----|----|---------|

JUN 2010

| | | | | | | | |
|--------------|----|-----|----|------|----|----|---------|
| Corn | ND | ND | ND | 246 | ND | ND | LCMS/MS |
| Corn | ND | ND | ND | 635 | ND | ND | LCMS/MS |
| Feed | 2 | ND | ND | 92 | ND | 27 | LCMS/MS |
| Chilli | ND | ND | ND | ND | ND | ND | LCMS/MS |
| Chilli | ND | ND | ND | ND | ND | ND | LCMS/MS |
| Feed | 17 | 490 | ND | 316 | ND | ND | LCMS/MS |
| Raw material | ND | ND | ND | 613 | ND | ND | LCMS/MS |
| Corn | ND | ND | ND | 2299 | ND | ND | LCMS/MS |

JULY 2010

| | | | | | | | |
|------|----|----|----|-----|----|----|---------|
| Feed | ND | ND | ND | 38 | ND | ND | LCMS/MS |
| Feed | ND | ND | ND | 283 | ND | ND | LCMS/MS |
| Feed | ND | ND | ND | 130 | ND | ND | LCMS/MS |
| Feed | ND | ND | ND | 71 | ND | ND | LCMS/MS |
| Feed | ND | ND | ND | 71 | ND | ND | LCMS/MS |
| Feed | ND | ND | ND | 286 | ND | ND | LCMS/MS |

*Vet Food Agro Diagnostics (M) Sdn Bhd

Note: ND-Not detected

| Mycotoxin | Regulations | Commercial |
|-------------|-------------|------------|
| Aflatoxin | <20 ppb | 5 ppb |
| Zearalenone | <500 ppb | 50 ppb |
| T2 | <500 ppb | 100 ppb |
| Fumonsin | <5000 ppb | 1000 ppb |
| Vomitoxin | <1000 ppb | 200 ppb |
| Ochratoxin | <20 ppb | 5 ppb |

* Special Nutrient Inc

Levels tested for the regulations were based on ONLY 1 mycotoxin at the time and in perfect environment which did not consider the:

1) SYNERGISM OF MYCOTOXINS

2) DIRECT INTERACTANTS

oxidation and/ or bacterial contamination of feed fish meal, cyclopropenoid fatty acids (CPFA) found in cotton seed cake.

3) INDIRECT INTERACTANTS

Heat stress, Vaccination Stress, Poor management, Etc.