

Recommended Maximum Concentrations of Mycotoxins in Total Rations of Food Animals

These Vita Plus recommendations are based on available published information. Each situation is different. These are guidelines only. No warranties are implied.

| Maximum concentration in total diet | AFLATOXIN |
|-------------------------------------|---|
| 20 ppb | All uses other than below |
| 100 ppb | Breeding cattle, breeding swine, mature poultry |
| 200 ppb | Finishing swine |
| 300 ppb | Finishing feedlot cattle |

| Maximum concentration in total diet | ZEARALENONE |
|-------------------------------------|--|
| No acceptable level | Layers (metabolites may be found in eggs) |
| 0.3 ppm (300 ppb) | Young pigs, breeding sows, boars |
| 0.5 ppm (500 ppb) | Finishing pigs, dairy, breeding cattle |
| 5 ppm | Growing/finishing beef cattle (withdraw contaminated feed 1 wk before slaughter) |
| 10 ppm | Broilers (withdraw contaminated feed 1 wk before slaughter) |

| Maximum concentration in total diet | VOMITOXIN |
|-------------------------------------|---|
| 1 ppm | Swine |
| 2 ppm | All uses other than specified |
| 5 ppm | Dairy cattle (older than 4 mo.), chickens |
| 10 ppm | Beef cattle (older than 4 mo.) |

| Maximum concentration in total diet | T-2 TOXIN |
|-------------------------------------|-----------------------------------|
| 0.1 ppm (100 ppb) | Young pigs, ducks, geese, turkeys |
| 0.2 ppm (200 ppb) | Older pigs, dairy cattle |
| 0.5 ppm (500 ppb) | Beef cattle, laying hens |
| 0.8 ppm (800 ppb) | Broilers |

| Maximum concentration in total diet | FUMONISIN |
|-------------------------------------|------------------|
| 1 ppm | Horses |
| 10 ppm | Swine |
| 15 ppm | Dairy cattle |
| 30 ppm | Beef cattle |
| 100 ppm | Poultry |

