Impact of Mycotoxins on Horses

Mycotoxins are produced by moulds in the field, at harvest and during storage. They affect animal performance and producer profitability in a number of ways.

**ORGAN DAMAGE**
- Liver and/or kidney damage
- Leg and/or mammary gland swelling

**IMMUNITY**
- Increased susceptibility to diseases
- Decreased response to vaccinations
- Repeat health treatments

**PERFORMANCE**
- Reduced growth rates of foals
- Lethargy

**REPRODUCTION**
- Altered heat cycles
- Poor conception rates
- Agalactia/reduced milk production
- Prolonged gestation, dystocia, retained placenta
- Embryonic mortality and abortion
- Poor sperm quality

**GUT HEALTH**
- Feed intake reduction or refusal
- Damage and lesions to the intestinal tract
- Altered gut microbial functions
- Inconsistent manure quality
- Increased gut pathogens
MYCOSORB A+® reduces mycotoxin absorption, negating the damaging effects of mycotoxins on the health and performance of animals.

- A proven, broad spectrum mycotoxin binder, which tackles mycotoxin challenges as a whole rather than dealing with individual mycotoxins
- Fast acting, interacts with mycotoxins within 10 minutes
- Effective at a low inclusion level
- Proven by scientific research
  - 150 peer-reviewed published studies
  - 102 animal trials
  - 21 in-vitro mode of action

MYCOSORB A+®, from ALLTECH®, offers producers a solution that limits the effect of more mycotoxins than ever before.

The graph on the right shows the risk associated with mycotoxin contamination in a particular feed sample with and without MYCOSORB A+®.

**TAKE THE MYCOSORB A+® CHALLENGE**

Feeding rates based on mycotoxin risk and age/performance status

<table>
<thead>
<tr>
<th>Category</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foals</td>
<td>4 - 8 g/head/day</td>
</tr>
<tr>
<td>Performance</td>
<td>5 - 15 g/head/day</td>
</tr>
<tr>
<td>Breeding</td>
<td>10 - 20 g/head/day</td>
</tr>
</tbody>
</table>

Alltech’s Mycotoxin Management Program is designed to reduce risk while improving performance and profitability for individual animals. Actual results may vary. Program response and ROI will depend on specific farm scenarios.