

Alltech[®] MYCOTOXIN MANAGEMENT

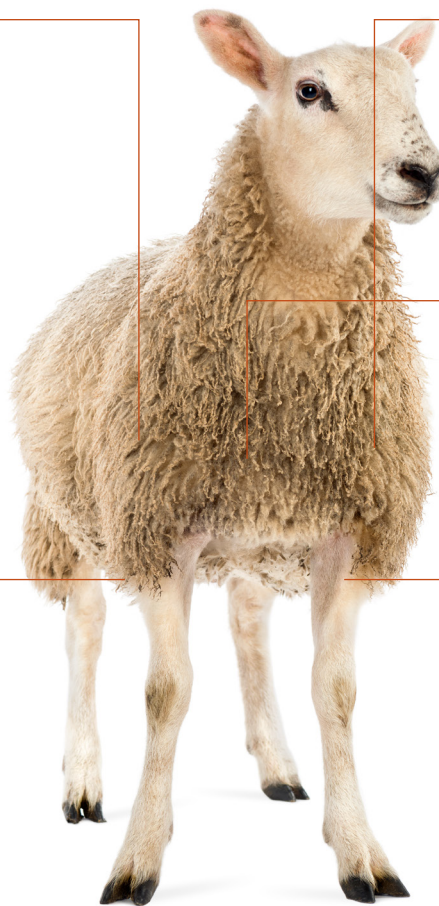


Impact of Mycotoxins on Small Ruminants

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
- Skin lesions
- Necrosis of the tail, ears and hooves
- Leg and udder swelling



IMMUNITY

- Increased susceptibility to diseases
- Decreased response to vaccinations
- Increased somatic cell counts

MILK/MEAT PRODUCTION

- Reduced milk production
- Milk contaminated by Aflatoxin M1
- Decreased meat production
- Increased somatic cell counts

REPRODUCTION

- Vulva swelling
- Altered heat cycles
- Poor conception rates
- Embryonic mortality
- Cystic ovaries
- Reduced sperm motility and survival

GUT HEALTH

- Gastroenteritis
- Intestinal haemorrhage/ bloody faeces
- Inconsistent manure quality
- Reduced feed intake/variable dry matter intake
- Compromised rumen function
 - Reduced fibre digestion
 - Altered production of volatile fatty acids
 - Acidosis type symptoms

ANIMALS ARE YOUR BUSINESS.
PROTECTING THEM IS OURS.



MYCOSORB A+®

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

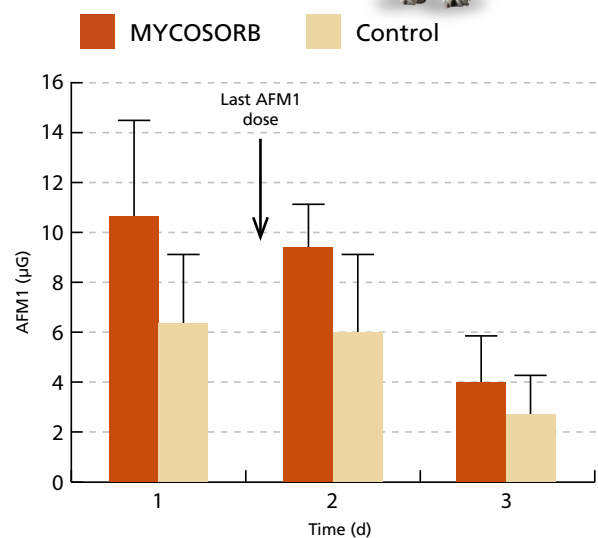
Suggested feeding rates:

Maintenance: from 10 - 15g/head/day

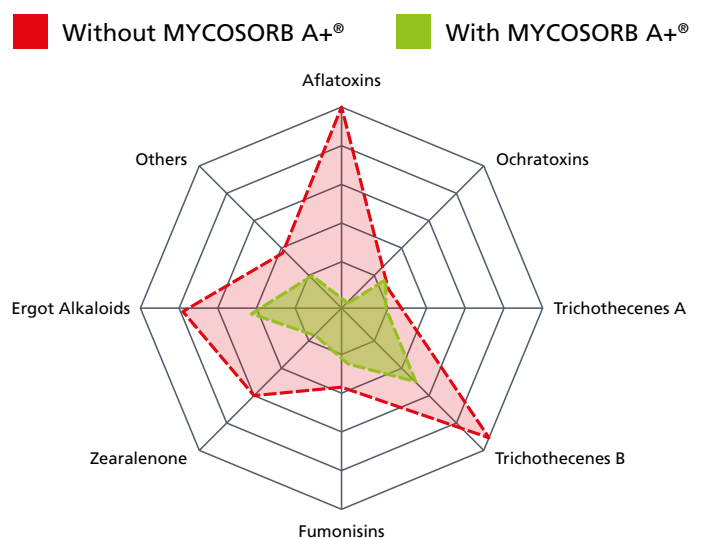
Treatment: from 15 - 20g/head/day

For more information on Alltech Mycotoxin Management or support tools, contact your local Alltech representative.

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.



MYCOSORB increases Aflatoxin M1 (AFM1) excretion in urine of dairy ewes following long-term exposure. Firmin et al. (2011)



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