



# MYCOTOXIN MANAGEMENT



## Your herd is your business. Protecting it is ours.

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.

### How do mycotoxins affect small ruminants?

#### 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

#### REPRODUCTION

- Vulva swelling
- Altered heat cycles
- Poor conception rates
- Embryonic mortality
- Cystic ovaries

#### MILK/MEAT PRODUCTION

- Reduced milk production
- Milk contamination by Aflatoxin M1
- Decreased meat production

#### 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



# MYCOSORB A<sup>+</sup>®



MYCOSORB A<sup>+</sup>®, from Alltech®, is Europe's number 1 authorised mycotoxin binder. MYCOSORB A<sup>+</sup> 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
  - 7 functional carbohydrates
  - 11 studies supporting mode of action
  - 65 studies supporting efficacy in animals

\*Article 13, Regulation (EC) No. 767/2009

MYCOSORB A<sup>+</sup> 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<sup>+</sup>.

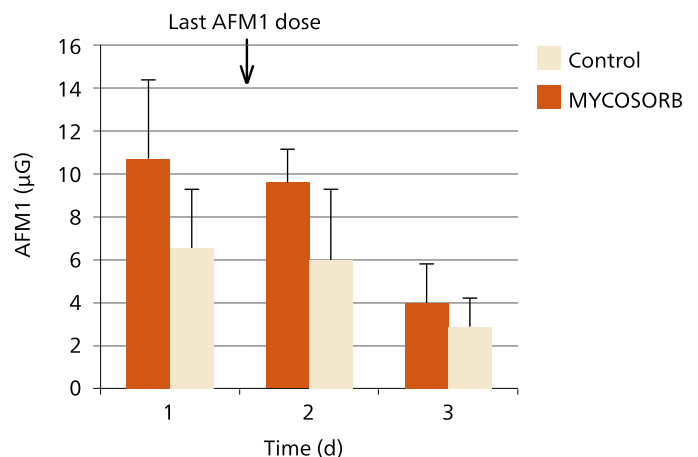
## Take the MYCOSORB A<sup>+</sup> challenge

### Suggested Feeding Rates

Maintenance: from 10 - 15g/head/day

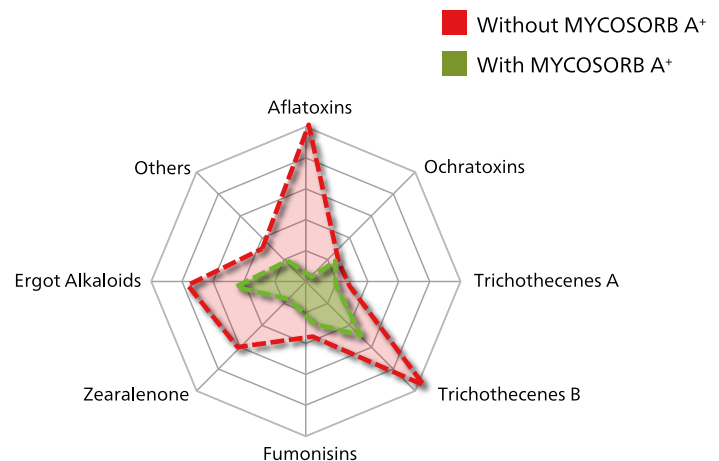
Treatment: from 20 - 30g/head/day

Alltech Mycotoxin Management is designed to reduce risk while improving performance and profitability for individual herds. Actual results may vary by herd. Programme 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)



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

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