

UltraSorb

MYCOTOXIN ADSORBENT

Products:

UltraSorb 10, UltraSorb 20

Ingredients:

Over 40% Sodium aluminosilicate

25 - 40% Calcium aluminosilicate

10 - 25% Dried yeast culture extract.

Under 10% Dried molasses, dried yeast culture, vitamin A (129000 IU/kg), vitamin E (190 IU/kg), manganese sulphate, vegetable oil.

Directions:

UltraSorb is a Complimentary Feeding Stuff for use in animal nutrition. It contains a source of biologically active components designed to counteract the effects of a wide range of mycotoxins found in feed by binding them into inactive or unavailable forms.

UltraSorb 10 application rates:

Dairy & Beef: Administer 10g per head per day as a top dress to feed or incorporate into total mixed rations (TMR).

Calves, Sheep & Goats: Administer 3 – 5g per head per day as a top dress to feed or incorporate into total mixed rations (TMR).

Horses: Add to rations at 20g per head per day.

May also be incorporated into complete feed or mineral mixes formulated to deliver 3 – 20g per head per day. Consult your nutritionist for advice.

Swine: Incorporate into complete feeds at the rate of 1 – 2 kg per tonne of feed.

Poultry: Incorporate into complete feeds at the rate of 1 – 2 kg per tonne of feed.

UltraSorb 20 application rates: double the rates above.

Storage:

Store in original sealed packaging in a cool, dry place.

Visit Micron at:

www.micronbio-systems.co.uk/p/product-profiles/ultrasorb-mycotoxin-adsorbent to download the mycotoxin farm assessment tool.

For more information on **UltraSorb** and all other Micron products and programs please visit our comprehensive site at: www.micronbio-systems.co.uk



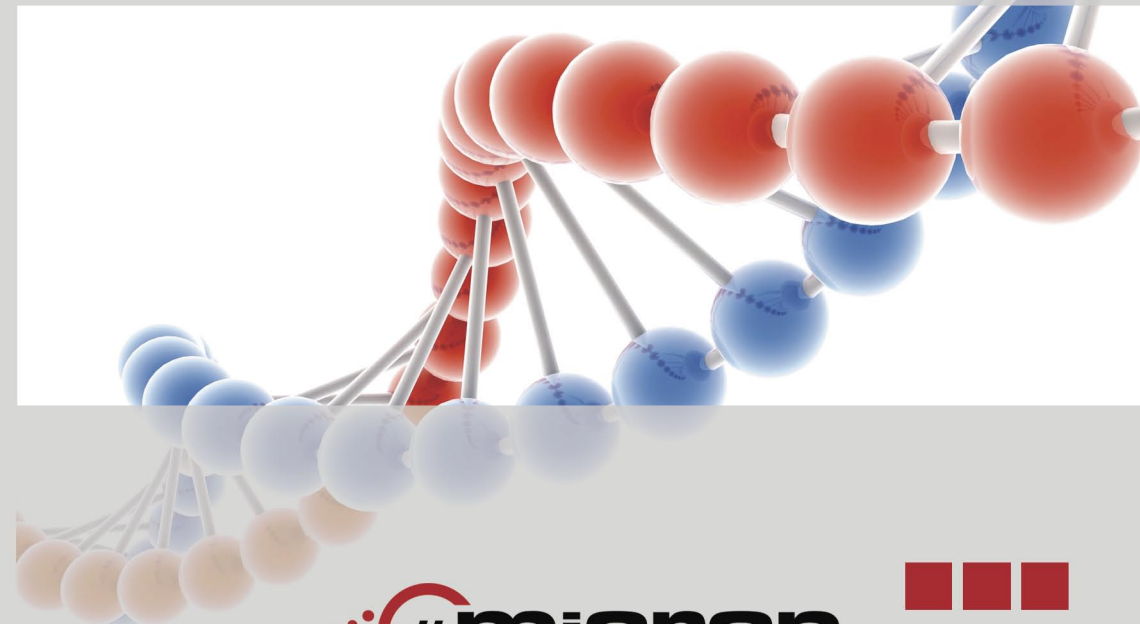
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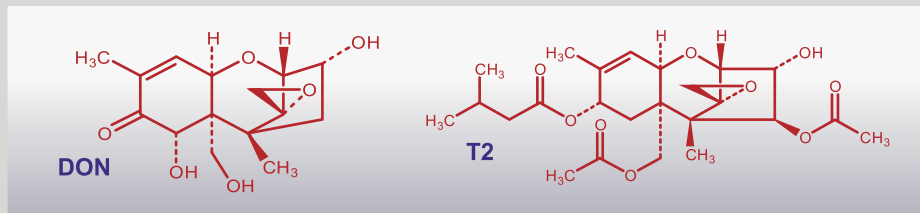


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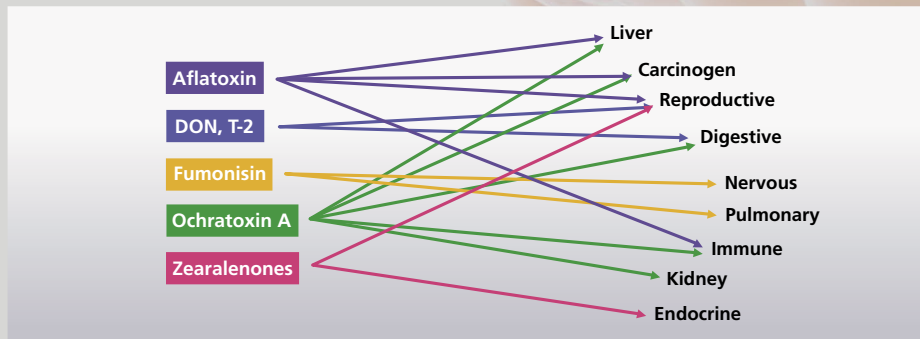
MYCOTOXIN ADSORBENT

The Challenge

Mycotoxins are poisons produced from the secondary metabolic processes which occur naturally in a variety of moulds that grow on food crops. The amount and type of mycotoxin produced varies by the type of mould prevalent during different environmental conditions such as temperature and humidity. Stress on crops from insects, weeds and weather also influence mould growth and mycotoxin production.



The effects of mycotoxins on animals can vary from acute mycotoxicosis to the exacerbation of other metabolic problems. Mycotoxins can lower feed consumption and feed conversion, reduce disease resistance, increase reproductive problems, reduce production and performance and restrict genetic expression of traits.



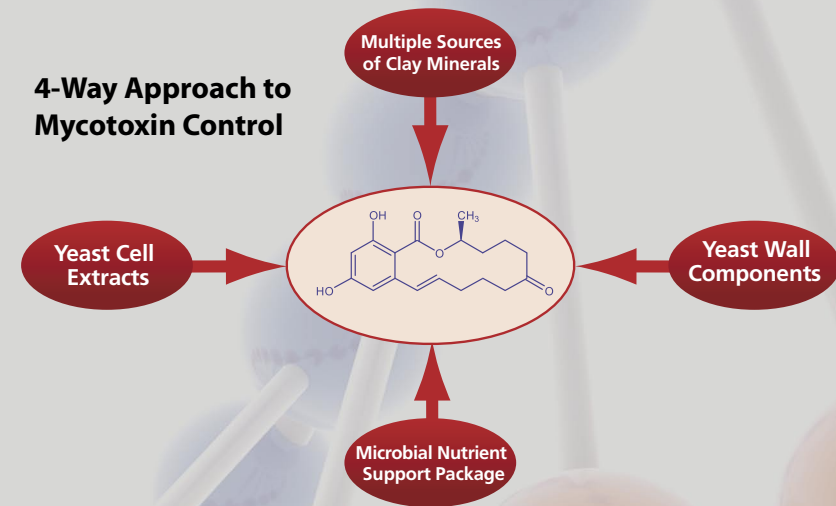
Historic Approach

Traditional strategies to address mycotoxins in feeds have included dilution of contaminated material with "clean" feed and the inclusion of clay binders in the ration. Many times, finding uncontaminated feed can be an issue. Feeding clay binders also has restrictions as not all clays bind to all toxins. There is also the risk of binding to vitamins and trace minerals when clays are fed at high volumes or for extended periods of time.

Fortunately, Micron has developed a new strategy that employs novel techniques to remediate the effects of mycotoxins in feeds and **SHIELD** your animals.

The UltraSorb Program

4-Way Approach to Mycotoxin Control



Mode of Action

BINDS – NEUTRALISES - TRANSFORMS

- **Clay Mineral Particles** – bind the "polar" mycotoxins.
- **Yeast Wall Components** – bind to toxins and pathogenic bacteria.
- **Yeast Cell Extracts** – modifies toxin structures to render them non-toxic.
- **Microbial Nutrient Package** – supports tissue and beneficial microflora recovery.

Benefits

When mycotoxins are present in feed, treating with **UltraSorb** can result in:

- **Higher Feed Intakes**
- **Increased Milk Production**
- **Increased Growth Rates**
- **Improved Fertility**
- **Reduced Litter & Flock Mortality**
- **Better Herd, Flock & Litter Health**

