

MYCOGARD™

Mycotoxin Binder



Guard Animal Health and Feedstuffs

Mycogard™ is an innovative broad-spectrum mycotoxin adsorbent and binder for livestock feeds. Advanced with nano technology, **Mycogard™** strongly interacts with groups of mycotoxins serving as an effective, low-cost binder that deactivates mycotoxins in animals' digestive tracts. Unlike conventionally used binders that are unable to counteract the toxic effects of Fumonisin, **Mycogard™** not only adsorb Fumonisin, but inhibits Aflatoxins, creating complete protection from the most common mycotoxins. Mannan-oligosaccharides in **Mycogard™** actively protect animals by stimulating and strengthening their immune systems. It is also stable under variable pH conditions and does not remove essential nutrients, vitamins, or minerals from the feed. The unique blend of these natural ingredients effectively binds and absorbs harmful mycotoxins while strengthening the animal's immune system and improving digestion and nutrient absorption.



Product Profile:

Form: Powder

Function: Prevents and Reduces the effects of harmful mycotoxins and strengthens immune system

Shelf life: 2 years



Made in
USA

Advantages:

- Deactivates mycotoxins
- Increases shelf life of feed
- Easily added into current diet
- Reduces wasted feedstuffs
- Reduces mold growth

Key Features:

- Nano-silicate platelets large surface area increases adsorption
- Decreases the incidence of gastrointestinal disorders
- Helps support healthy gut microflora
- Contains beneficial digestive factors
- Maximizes feed utilization



Mycotoxin

Mycotoxins are toxic metabolites produced by actively growing molds commonly found in feed ingredients affecting the health of animals in many ways. When animals ingest contaminated feed, mycotoxins can transfer to milk, eggs, and edible animal tissues. Mycotoxins can have a significant negative economic and commercial impact by causing health or production problems in animals. Furthermore, mycotoxins are a factor contributing to chronic problems, including a higher incidence of disease, poor reproductive performance, or suboptimal production. They exert their effects through four primary mechanisms: (1) intake reduction or feed refusal (2) reduced nutrient absorption and impaired metabolism (3) alterations in the endocrine and exocrine systems and (4) suppression of the immune system. All levels of mycotoxins are dangerous since even small amounts of them have a detrimental effect on the immune system and metabolism, thus posing a continuous threat to both animal and human health.

Effects of Mycotoxins

