



# DUPLO

## MycoStop

MYCOTOXIN RISK CONTROL

### ABOUT MYCOTOXINS

Mycotoxins are toxic chemical products produced by molds that grow on a variety of different crops. They cause many health problems to both humans and livestock. There are many types of mycotoxins, but the most commonly observed are:

**Aflatoxins** - amongst the most poisonous mycotoxins, which are produced by molds *Aspergillus flavus* and *Aspergillus parasiticus*.

**Zearalenone (ZEA)** - toxic metabolite produced by several species of the genus *Fusarium*, notably *F. graminearum*.

**Fumonisin** - family of toxins produced by *Fusarium verticillioides* and *F. proliferatum*.

**Deoxynivalenol (DON, vomitoxin)** and **T2** - trichothecenes produced by several species of *Fusarium*.

### WHAT HARM CAN MYCOTOXINS CAUSE TO ANIMALS?

- Reduced feed intake
- Compromised immune system
- Increased mortality rate
- Contamination of milk, meat, and eggs with mycotoxins
- All of the above lead to higher production costs.

### OUR SOLUTION

MycoStop Duplo is a specially designed product to solve the problems caused by the wide range of mycotoxins. It contains four active components and products from the biotechnological process.

MycoStop Duplo solves health issues caused by mycotoxins and helps in eliminating pathogenic bacteria. However, it does not bind nutrients such as vitamins, amino acids, or minerals.



[www.inberg.info](http://www.inberg.info)

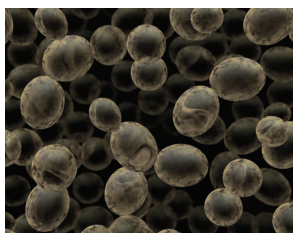


## MODE OF ACTION

In MycoStop Duplo, we combine four strategic approaches to combat mycotoxins.

First, the activated inorganic material in our product is not digestible. Therefore, it cannot pass through the stomach wall, intestines, or colon wall to reach the bloodstream. Thanks to this property, mycotoxins bound to MycoStop Duplo are safely removed from the animal's body without harmful effects on health.

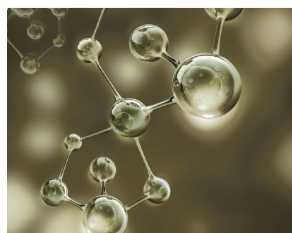
Second, another key strategy of this product is bio-support, which strengthens the immune system. Even when present below maximum allowed levels, mycotoxins in feed can suppress immune function and reduce resistance to infectious diseases. Therefore, enhancing immune response is crucial. The third strategy involves herbal extracts, which support liver detoxification and reduce oxidative stress in the liver. Finally, enzymatic components are included to break down mycotoxins into less toxic derivatives, ensuring a comprehensive approach to mycotoxin management.



Products from  
biotechnological processes



Phytogenic  
ingredients



Blend of active  
mineral components



Mycotoxin  
degrading enzyme

## SELECTIVITY

It is crucial for a mycotoxin binder to be selective. Many materials that absorb mycotoxins also bind vitamins, amino acids, and other nutrients. MycoStop Duplo is specifically designed using materials that bind only mycotoxins, without affecting vitamins or other essential nutrients.

## PRODUCT APPEARANCE

MycoStop Duplo is in form of fine powder. Product has light grey colour and without odour.

## DOSAGE:

Poultry: 1-2 Kg per 1t of 1t of animal feed (max 5kg)  
Dairy Cows: 30-60g per cow per day (max 100g)

*\*depending on the contamination level*

## STORAGE AND SHELF LIFE:

Store in a dry place and avoid direct sunlight. Product shelf life is 24 months.