

TOXO®-XL

Protecting animal performance
from exposure to multi-mycotoxin contamination

TOXO-XL

- 1. Mycotoxin binding** 
- 2. Gut wall protection** 
- 3. Immune modulation** 

Multiple strategies to maintain performance

TOXO-XL is specially designed for situations with contamination of multiple mycotoxins, such as DON, T-2 toxin, Ochratoxin, Zearalenone, Fumonisin and Aflatoxins. When feeds are contaminated with multiple mycotoxins, mycotoxin binding concept alone is usually insufficient as all mycotoxins can't be bound effectively. In such cases, it is crucial to apply a combination of ingredients with multiple modes of action. In TOXO-XL, several working mechanisms are applied to support the intestinal barrier and animals' natural defense mechanisms to cope with mycotoxins that are not bound and excreted. TOXO-XL is developed for the most sensitive species and young animals.

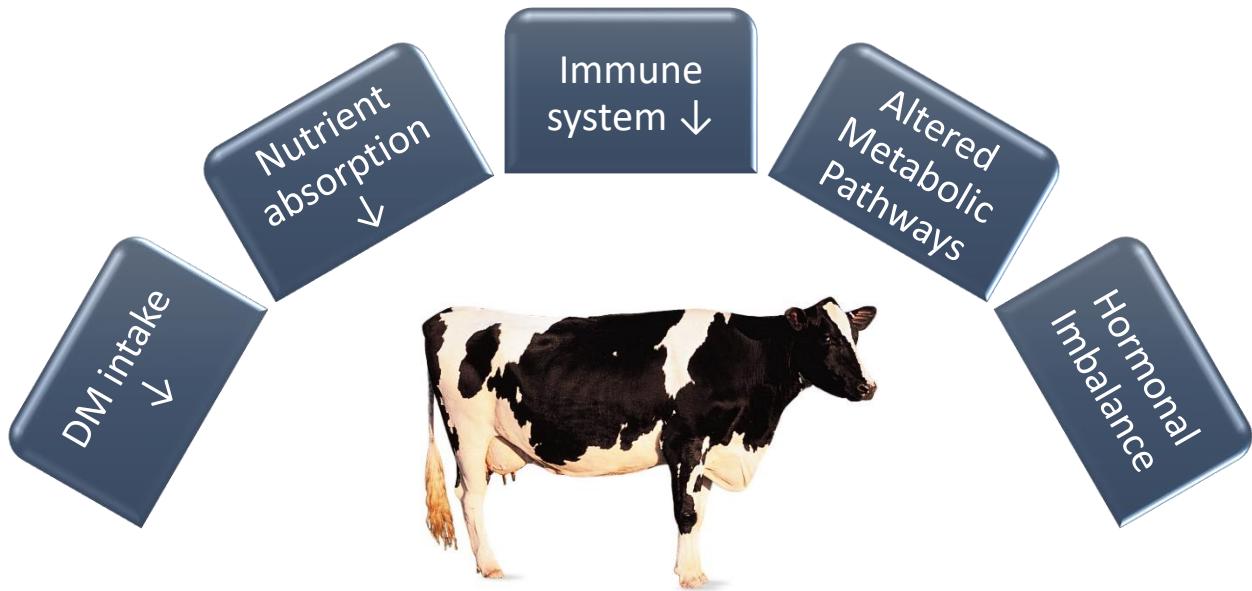
Intestinal protection

TOXO-XL supports the intestinal barrier function during exposure to mycotoxins. This is important as mycotoxins jeopardize the gut wall by displacing tight junction proteins. TOXO-XL contains a natural glucose biopolymer which supports the intestinal barrier function, thereby reducing toxin absorption.

Modulates immune system

TOXO-XL contains a powerful immune modulator that supports the non-specific immune system. This contributes to maintaining animal health and performance, since most mycotoxins are immuno suppressive. When animals are exposed to low levels of mycotoxins for a longer period, immune system is the most affected resulting in poor vaccine efficacy and increased susceptibility to diseases. When included in dry cow diets, the immune modulator in TOXO-XL will also lead to an improvement in colostrum quality.

General effects of mycotoxins in ruminants



Recommended Use

TOXO-XL should be used in cases of mycotoxin contamination in raw materials or complete feed. TOXO-XL can be incorporated into the feeding program via premixes, feed or TMR's.

Recommended Dosage Dairy Cows

Level of challenge	Feed rate hd/day	Inclusion per ton of finished feed (for 5kg/hd/day feed rate)
Low	15 g	3kg
Medium	30 g	6kg
High	45 g	9kg

TOXO-XL Farm Pack

TOXO-XL Farm Pack contains 25% TOXO-XL. Feed 60g/hd/day for low toxicity, 120g/hd/day for medium toxicity and 180g/hd/day for high toxicity.

GET ALL THE DETAILS
Contact your local representative

Ask your TrouwNutrition representative how **TOXO-XL** can reduce the risk of mycotoxins.

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