

## Preventing animal performance from exposure to multi-mycotoxin contamination



Mycotoxins can have a negative effect in the immune system and gut wall integrity of animals exposed to them.

#### Why TOXO



#### **ECONOMIC IMPACT**

Mycotoxin contamination adversely affects profitability in the animal production chain.



#### **TOXO**

Helps maintain animal performance against multiple mycotoxin contamination.



#### Feed and food production chains at risk, globally

- Mycotoxin contamination is one of the main threats in feed production
   Improper feed storage, heat & humidity favour the growth of toxicogenic fungi, which produce mycotoxins.
- The sharp rise in international trade has intensified the mycotoxin risk globally
   Some mycotoxins are specific to the regions where certain moulds grow. However, the global raw material trade has given rise to mycotoxin co-contamination worldwide.
- Mycotoxin levels in feed and food require careful monitoring and control Fortunately, as an industry, we have faster, more reliable detection methods that help to monitor and manage mycotoxin contamination of raw materials.



#### **Business challenge**

### Do not let mycotoxin contamination reduce profitability

Mycotoxin contanimation **impacts animal health and performance**, resulting in loss of revenue.

Mycotoxins and their metabolites can also enter the food chain via milk and eggs.

#### Mitigating mycotoxin contanimation: Trouw Nutrition's integrated strategy

TOXO is part of Mycotoxin Risk Management programme that helps identify, reduce and monitor the risk of mycotoxins in raw materials and complete feed.

#### Reducing mycotoxin impact with Toxo

#### Key benefits

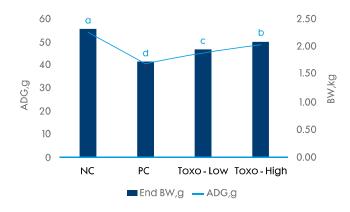
Mitigates animal performance impairment caused by exposure to mycotoxins.

#### How it works

Toxo contains smectite clay and yeast cell wall (rich in glucose biopolymers) to adsorb multi-mycotoxins and to enhance gut health.

#### **Proven results**

Toxo proved to be effective under multiple trials conducted.



#### Toxo increased BW vs PC (p 0.05)

Toxo - Low	Toxo - High
+215 g (12%) final BW	+355 g (20%) final BW
+4.7 g/d (11%) ADG	+8 g/d (19.5%) ADG

# 2.386a 2.157c 2.029b NC PC Toxo-Low Toxo-High

#### Toxo improved FCR vs PC (p 0.05)

Toxo - Low	Toxo - High
-23pts (9.6%)	-36pts (15.1%)

#### **Recommended Use:**

Toxo should be used in case of mycotoxin contamination in raw materials or complete feed. Toxo can be incorporated into the feeding program via premixes or feed.

#### **Recommended Inclusion Rate:**

**Poultry and Ruminants** 0.5-2 Kg/t of complete feed.

#### **Summary**

**Product name: TOXO** 

Benefit: Reduces bioavailability of mycotoxins present in feed

**Use for:** Poultry / Dairy

Programme: Mycotoxin Risk Management





#### Ask your TrouwNutrition representative how TOXO can reduce the risk of mycotoxins.

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