

Selko®

TOXO®-XL

Protecting animal performance from exposure to multi-mycotoxin contamination

Why TOXO®-XL?

MYCOTOXINS AFFECT ANIMAL PERFORMANCE

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

Economic impact

Mycotoxin contamination adversely affects profitability in the animal production chain

TOXO-XL

Helps maintain animal performance when there is a risk of multi-mycotoxin contamination

Reducing mycotoxin impact with TOXO-XL

• Key benefits

Mitigates animal performance impairment caused by exposure to mycotoxins.

• How it works

TOXO-XL smectite clays have shown to be highly effective in reducing mycotoxin's bioavailability. Additionally, the TOXO- XL formula contains specifically selected glucose biopolymers and purified ß-glucans to reinforce the intestinal barrier function and the immune system, which are mainly affected by Fusarium mycotoxins such as Trichothecenes and Fumonisins.

trouw nutrition
a Nutreco company

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**
- **Mycotoxin levels in feed and food require careful monitoring and control**

Business challenge

Do not let mycotoxin contamination reduce your profitability

Mycotoxin contamination impacts animal health and performance. The result: lost revenue for livestock producers.

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

Mitigating mycotoxin contamination: Trouw Nutrition's integrated strategy

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

Proven results

Studies conducted around the world—and in various species—have shown TOXO-XL to be effective. Trouw Nutrition R&D supports all studies conducted.

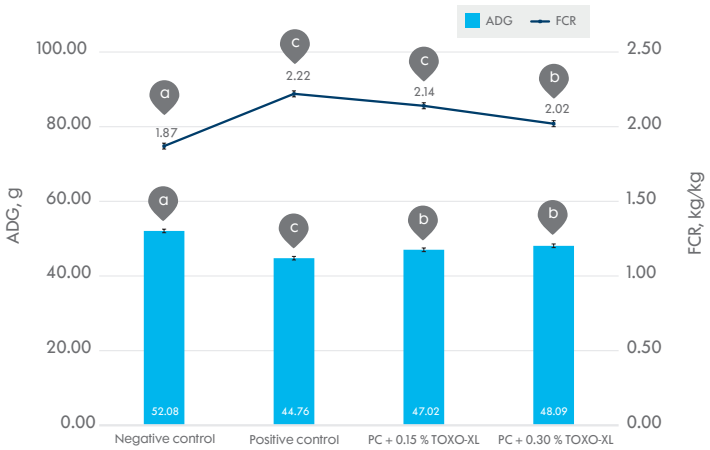


Figure 3. Average daily gain (ADG) and feed conversion ratio (FCR) over 42 days. Columns or points with different superscripts (a,b) are significantly different ($p < 0.05$)

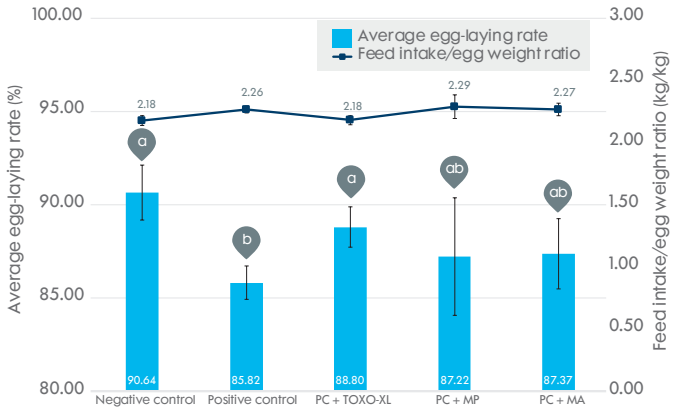


Figure 2. Average egg-laying rate and feed intake/egg weight ratio over 12 weeks. Columns or points with different superscripts (a,b) are significantly different ($p < 0.05$)

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 or feed.

Recommended inclusion rate

Pigs & poultry

0.5 - 2 kg/t of complete feed

*Do not exceed inclusion of 20kg per tonne of complete feed.

Learn more visit **Selko.com**

Summary

Product name: TOXO®-XL

Benefit: Reduces bioavailability of mycotoxins present in feed

Use for: Swine and poultry

Programme: Mycotoxin Risk Management

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

Disclaimer: The information in this document is believed to be correct as of the date issued. Given the variety of factors that can affect the use of a Selko product, the user is responsible for determining whether the Selko product and dosage is fit for a particular purpose and suitable for user's method of use. Selko B.V. or any of its affiliates makes no warranties, including but not limited to warranty of merchantability or fitness for a particular purpose. Product labelling and associated claims may differ based on government requirements. All quotations, orders, confirmations and transactions are subject to our General Conditions of Sale (www.nutreco.com). The applicability of any other terms and conditions is explicitly rejected.
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