Mycotoxin Risk Alert

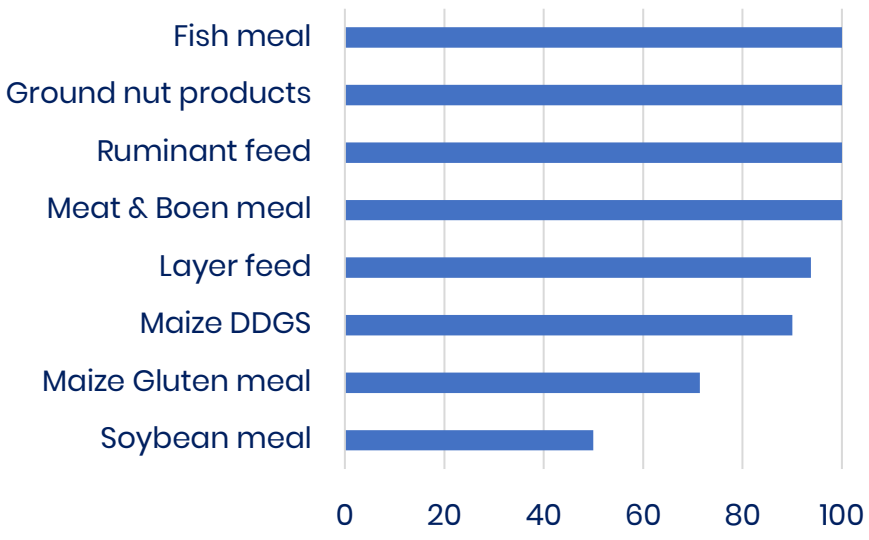
Survey Period : January 01 – 31, 2025

Survey Landscape

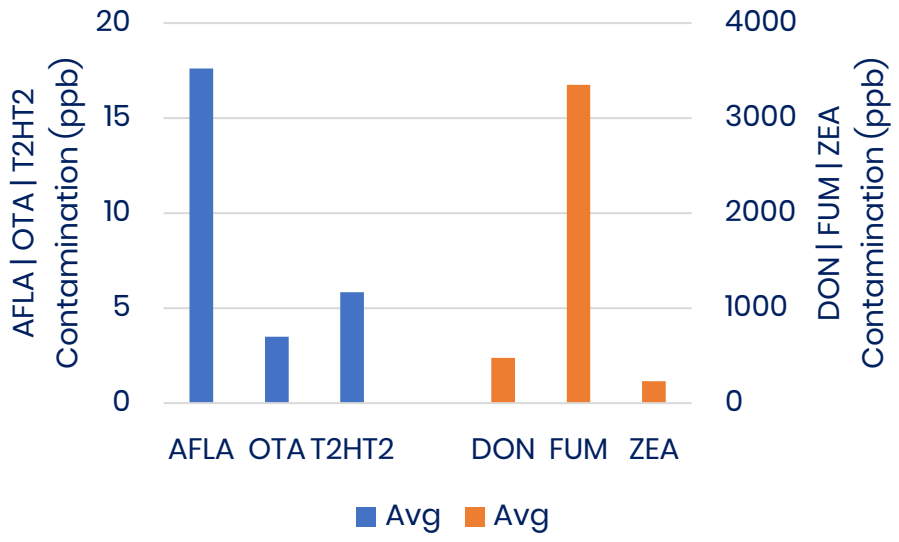
Country	Source	Number of Analysis	Contaminated samples
 Southeast Asia	Feedmills, Farms, Integrators	60	44 (73%)

Commodities

Contaminated Commodities (%)



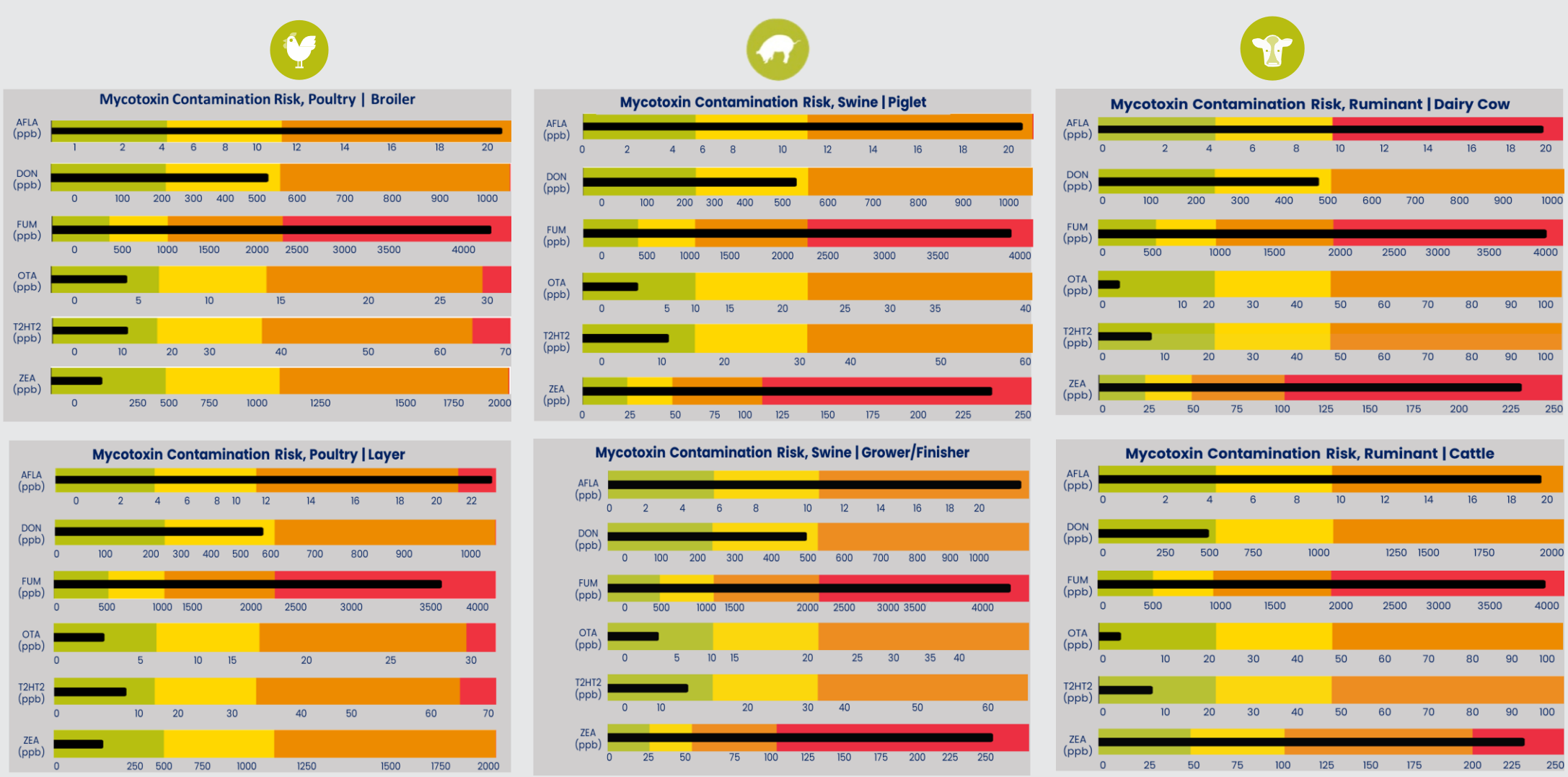
Mycotoxin Contamination (ppb)



Risk Level & Symptoms by Species

Mycotoxin impacts

Aflatoxin (AFLA)	Digestive disorders, Reduced feed intake, Immunosuppression, liver damage, AFM1 in milk
Fumonisins (FUM)	Poor intestinal water and glucose absorption (diarrhea), Necrotic lesions in GIT, Poor nutrient absorption
Zearalenone (ZEA)	Estrogenic effects, Reduced fertility, Immunosuppression



The **black bar** inside the colored bar represents the average mycotoxin concentration

Recommendation

Consider synergistic and additive effects for interpretation of mycotoxin assessment

Selko TOXO-MX Mycotoxin binder Selko TOXO-XL Mycotoxin control

Mycotoxin Interaction

- Poultry, swine & ruminant feeds & their raw materials are highly FUM-contaminated, followed by AFLA
- For Swine & ruminants, ZEA additionally impacts reproduction, fertility & immunology
- Synergistic effects occur when the combined effects of two mycotoxins (even at low levels) are greater than the individual effects of each toxin alone (1+1 >2)

RESPONSIBLE NUTRITION
trouw nutrition

For further information please contact:
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