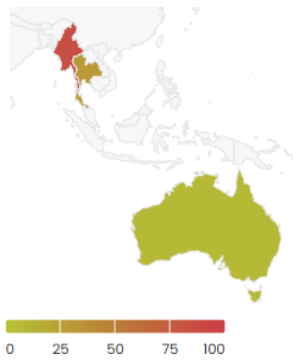
Mycotoxin Risk Alert

Survey Period : December 01 – 31, 2025

Supply chain – Quality control – Feed formulation

Country



Source

Feed mills, Farms, Integrators

Analyses

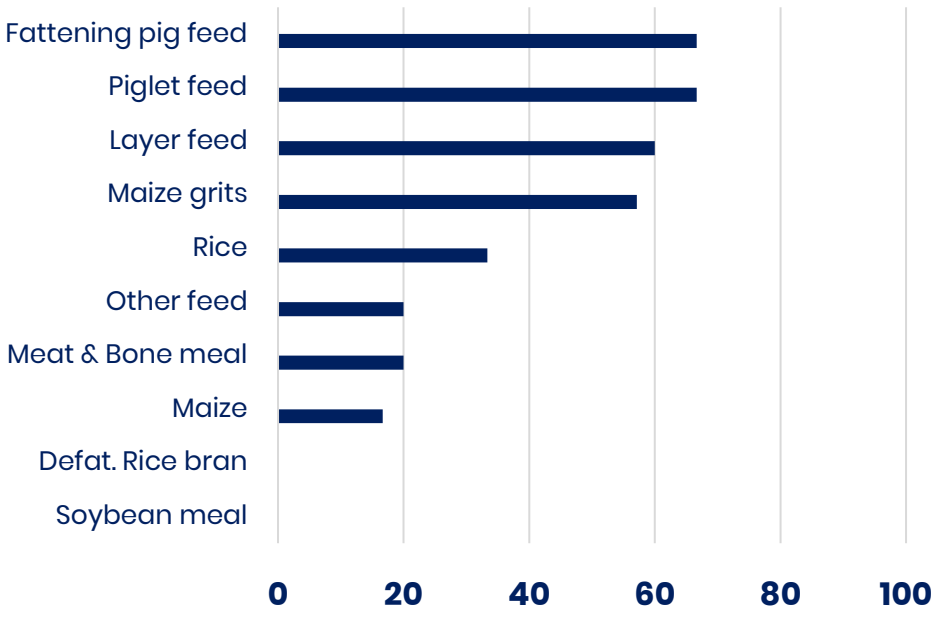
100

Risk

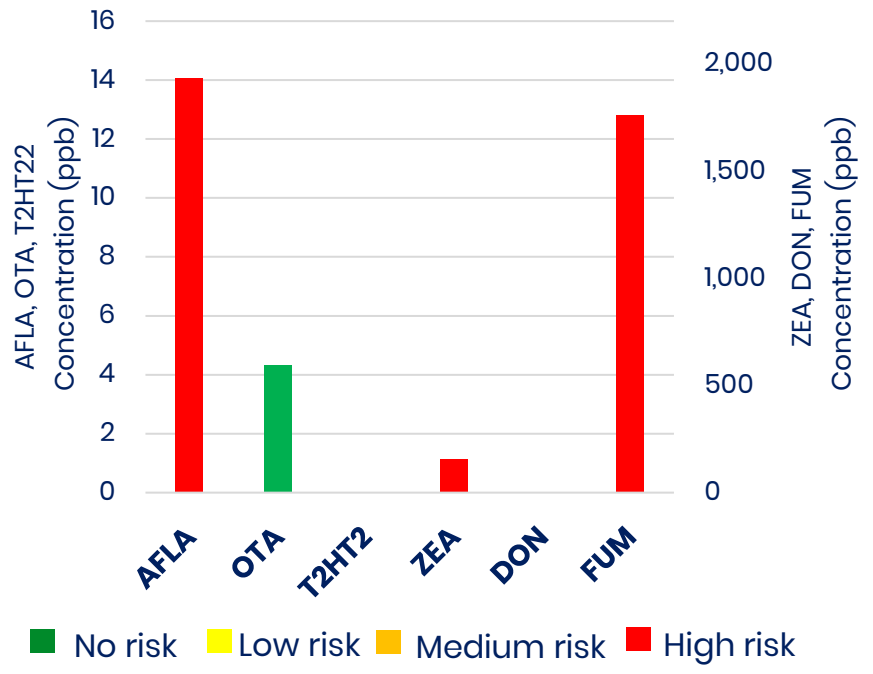
Mycotoxin	
AFLA	High
OTA	Safe
T2HT2	Safe
ZEA	High
DON	Safe
FUM	High

Mycotoxin contaminations analyzed from feed & feed material samples

Commodities contamination (%)



Avg. mycotoxin concentration (ppb)



Summary

For December 2025, our customers reported:

- **Over 60%** mycotoxin contamination in swine & layer feeds followed by
- **Maize Grits & Rice,** a major energy source resulted in mycotoxin contaminations of 50% for poultry, >50% for swine, ~25% for cattle feeds
- To *protect energy sources & safeguard animal health, mycotoxin mitigation is key*

Bind the Threat, Boost Performance

- Insight analyses show elevated levels of AFLA, ZEA, and FUM
- Leading to severe animal health issues, such as liver damage, reproductive disorders, immunosuppression, and reduced productivity (growth, milk, and egg output) and
- Also pose a serious human health risk through residues in milk and meat

Risk Level & Symptoms by animal type

Aflatoxins (AFLA)	Liver damage, Immunosuppression, transmission to milk, eggs, meat
Zearalenone (ZEA)	Impacts fertility & result in lower conception rates and higher embryonic death rates
Deoxynivalenol (DON)	Impaired gut & liver, tight junction damage, feed refusal
Fumonisins (FUM)	Disrupts lipid biosynthesis, damages liver/kidney, leading to cell membrane integrity loss (Sphingolipid metabolism)

Broiler

AFLA	OTA	T2HT2
ZEA	DON	FUM

Piglets

AFLA	OTA	T2HT2
ZEA	DON	FUM

Dairy Calves

AFLA	OTA	T2HT2
ZEA	DON	FUM

Young Fish & Shrimp

AFLA	OTA	T2HT2
ZEA	DON	FUM

Layer

AFLA	OTA	T2HT2
ZEA	DON	FUM

Grower/Finisher

AFLA	OTA	T2HT2
ZEA	DON	FUM

Dairy Cows

AFLA	OTA	T2HT2
ZEA	DON	FUM

Mature Fish & Shrimp

AFLA	OTA	T2HT2
ZEA	DON	FUM

Breeder

AFLA	OTA	T2HT2
ZEA	DON	FUM

Sows

AFLA	OTA	T2HT2
ZEA	DON	FUM

Beef cattle

AFLA	OTA	T2HT2
ZEA	DON	FUM

No risk Low risk Medium risk High risk

Recommendation

Selko TOXO-MX	Poultry & swine 2.0kg/mt Ruminant 75g/h/d
Selko TOXO-XL	Poultry & swine 2.0kg/mt Ruminant 45g/h/d

- **Toxo-MX** recommendation for single or non-polar mycotoxin (AFLA) contamination risks
- **Toxo-XL** recommendation during single & multiple mycotoxin risks for long living animal types (layer, breeder, sows, cows so as young animals during sensitive growth stages (broiler, piglets, calves)

For further information please contact:
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