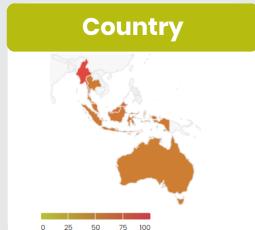
Mycotoxin Risk Alert

Survey Period: July 01 - 31, 2025

Supply Chain - Quality Control - Feed Formulation

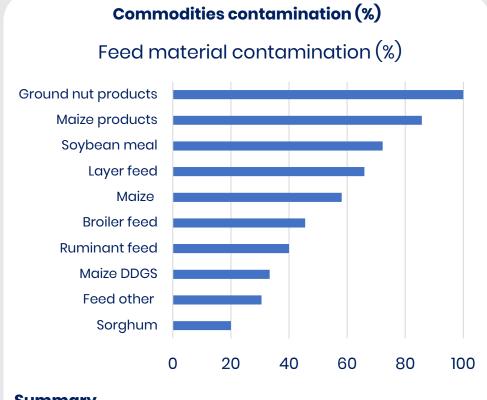






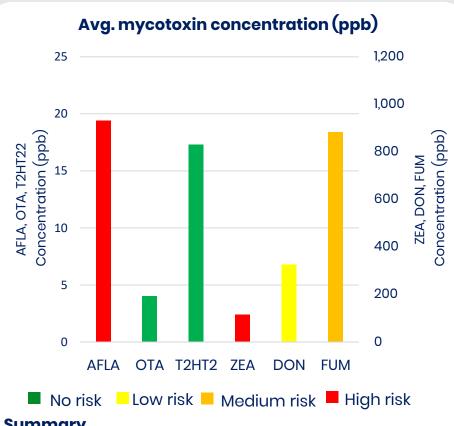


Mycotoxin contaminations analyzed from feed & feed material samples



Summary

- o Samples of groundnut and maize products, soybean meal, and layer feed were found to be over 50% contaminated with mycotoxins, whereas
- o Mycotoxin contamination levels below 50% were observed in broiler, ruminant, and other feeds (such as silages)
- o Sorghum samples exhibited the lowest level of mycotoxin contamination at 20%.



Summary

- o High concentrations of AFLA and ZEA levels found in Indonesia and Myanmar during the rainy season suggest inadequate storage practices for crops like maize, which may affect livestock reproduction
- Although T2HT2 concentrations were safe for most countries surveyed, high levels were found in Australia
- Low levels of DON over extended durations can lead to poor feed conversion rates, diarrhea, metabolic problems, and weakened immunity

Risk level & symptoms by animal type

Aflatoxins (AFLA)

Zearalenone (ZEA)

Deoxynivalenol (DON)

Fumonisins (FUM)

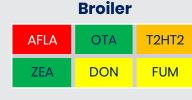
Liver damage, Immunosuppression, transmission to milk, eggs,

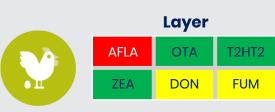
Impacts fertility & result in lower conception rates and higher embryonic death rates

Impaired gut & liver, tight junction damage, feed refusal

Disrupts lipid biosynthesis, damages liver/kidney, leading to cell membrane integrity loss (Sphingolipid metabolism)



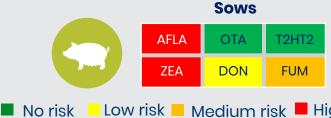




	Breeder				
100	AFLA	ОТА	T2HT2		
A T	ZEA	DON	FUM		

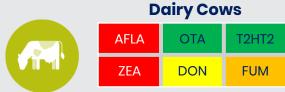
Piglets OTA T2HT2 DON





	ZEA	DON	FUM	
1 W	risk N	1edium r	risk = H	iah ris

	Dairy Calves		
1	AFLA	OTA	T2H
	7FA	DON	FUI





Recommendation



2.0kg/mt Poultry & swine 75g/h/d Ruminant

Toxo-MX recommendation during for single or non-polar mycotoxin (AFLA) contamination risks



2.0kg/mt Poultry & swine 45g/h/d Ruminant

Toxo-XL recommendation during multiple & medium to high mycotoxin risks for long living animal types (layer, breeder, sows, cows so as young animals during sensitive growth stages (broiler, piglets, calves)

