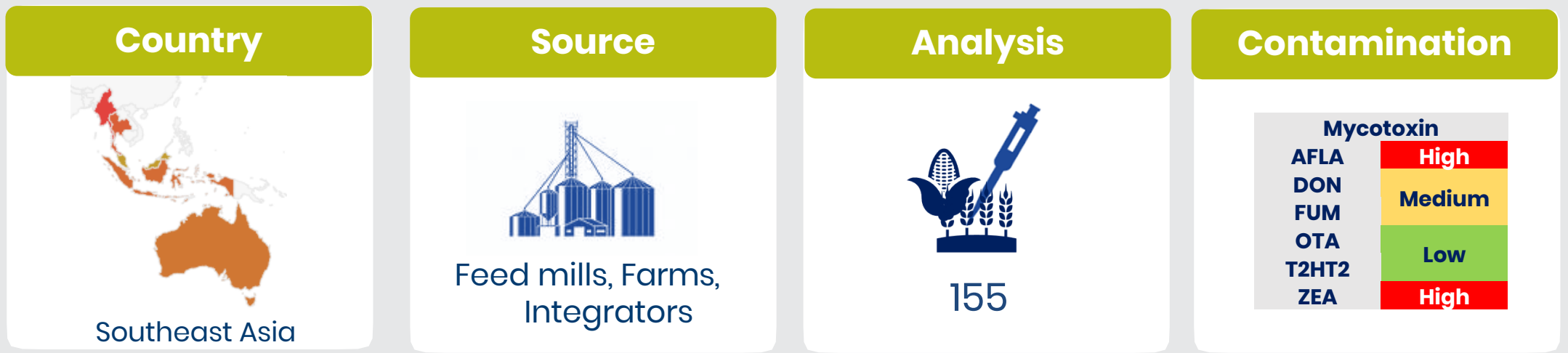


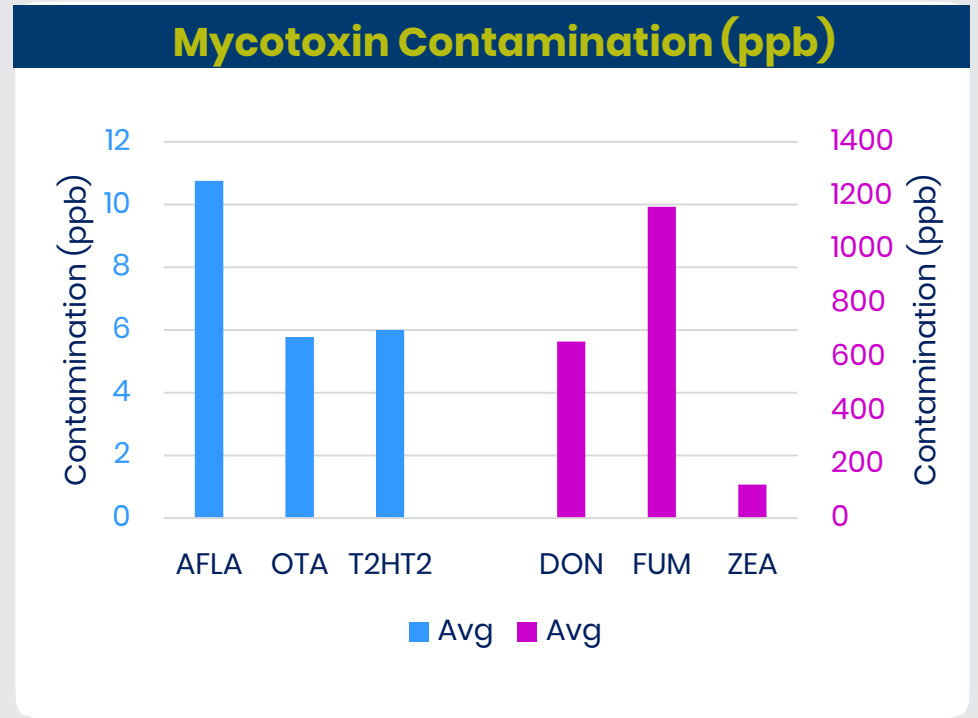
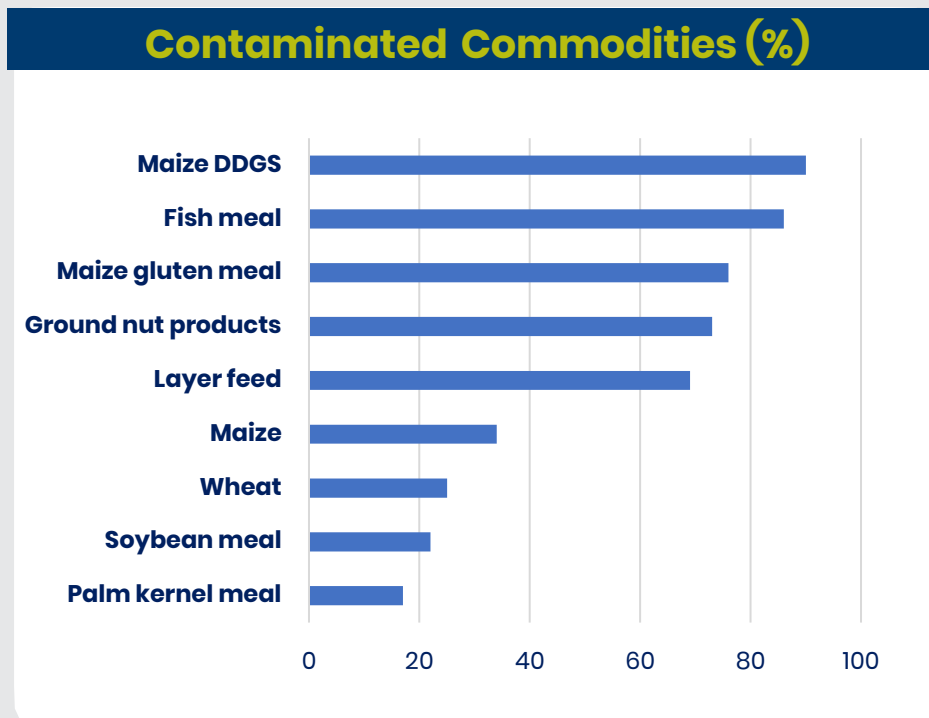
Mycotoxin Risk Alert

Survey Period : February 01 – 28, 2025

Survey Landscape



Commodities



Risk Level & Symptoms by Species

Mycotoxin impacts

Mycotoxin	Impacts
Aflatoxin (AFLA)	Digestive disorders, Reduced feed intake, Immunosuppression, liver damage, AFMI in milk
Deoxynivalenol (DON)	Reduced feed intake & weight gain, Immunosuppression, reproductive issues
Fumonisin (FUM)	Poor intestinal absorption (diarrhea), Necrotic lesions in Gastro-intestinal Tract, Poor nutrient absorption
Zearalenone (ZEA)	Estrogenic effects, Reduced fertility, Immunosuppression



Recommendation

Consider synergistic and additive effects for interpretation of mycotoxin assessment



Mycotoxin Interaction

- Poultry, swine & ruminant feeds & their raw materials are highly AFLA, DON & FUM-contaminated
- 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)

For further information please contact:

Kai Jens Kuehlmann – Feed Quality Program Manager Trouw Nutrition Asia Pacific Export
Kai.Kuehlmann@trouwnutrition.com or your sales representatives

