



TOOL
BOX
by LOHMANN

NUTRITION

MYCOTOXINS



What are Mycotoxins?

Toxic secondary metabolites produced by fungi such as *Aspergillus*, *Fusarium*, *Penicillium*, *Claviceps*.



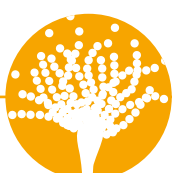
Where do they come from?

Contaminate cereals, oilseeds, and feed during growth, harvest, storage or processing.



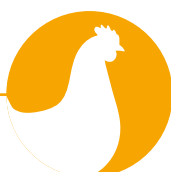
Why are they dangerous?

Cause immunosuppression, organ damage, reduced egg production and quality.



Main Types of Mycotoxins

Aflatoxins, Ochratoxins, Trichothecenes, Fumonisin, Zearalenone, Ergot Alkaloids and many more.



Impact on Poultry

Reduced feed intake, egg production, hepatotoxicity, intestinal disorders, immunosuppression, fertility; chronic exposure causes long-term stress.



Prevention & Control

Good Agricultural Practices, clean storage, mycotoxin binders, HACCP, biological detoxifiers.



Global Challenge

88% of samples contaminated; 64% contain ≥ 2 mycotoxins. Multi-contamination is the new normal.

Source: LOHMANN BREEDERS | Summary based on Juan Valle Díez, 2025



BREEDING FOR SUCCESS... TOGETHER
www.lohmann-breeders.com



LOHMANN
BREEDERS
It's the egg