



(<https://www.globalseafood.org>).



Survey details the prevalence of mycotoxins in animal and fish feeds

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By Responsible Seafood Advocate

Latest global survey highlights continued threat of mycotoxins in animal feed, with highest levels found in China and South Asia

dsm-firmenich Animal Nutrition & Health has published new findings from its **global mycotoxin survey** (<https://www.dsm-firmenich.com/anh/news/downloads/whitepapers-and-reports/dsm-firmenich-world-mycotoxin-survey-january-to-march-2025.html>) for early 2025. The Swiss-Dutch company tested nearly 6,000 animal feed samples from 70 countries, identifying fumonisins, deoxynivalenol and zearalenone as the most commonly found toxins. The highest levels of mycotoxins in animal feed were reported in China and South Asia.

“Mycotoxins remain a serious and evolving threat to animal health, feed safety, and food security,” said Ursula Hofstetter, Head of Mycotoxin Risk Management at dsm-firmenich. “With changing climate and agricultural practices, understanding global trends is key.”

The survey also provides detailed insights into the prevalence of each mycotoxin by region, global and local risk levels, species-specific risks and year-on-year comparisons with data from the same period in 2024. It also includes results generated using advanced analytical tools, Spectrum Top®50 and Spectrum 380®, which enhance detection and risk assessment capabilities.



The latest dsm-firmenich global survey highlights the continued threat of mycotoxins in animal feed, with the highest levels found in China and South Asia. Photo by Darryl Jory.

“These findings once again reinforce the urgent need for effective mycotoxin management to protect animal welfare and ensure the sustainability of feed and protein production,” said Hofstetter.

A blue banner for Best Seafood Practices. On the left, there is a photo of a worker in a yellow protective suit and mask handling seafood. In the center, a fishing boat is shown on the ocean. To the right of the boat, the text reads: "A comprehensive solution for the wild seafood supply chain." Below this text is a list of three checked items: "Crew rights", "Food safety", and "Environmental responsibility". On the far right, there is the Best Seafood Practices logo, which consists of a stylized fish icon and the text "Best Seafood Practices". Below the logo is a button that says "LEARN MORE" with a right-pointing arrow.

(<https://bspcertification.org/>).

Mycotoxins are toxic compounds produced by fungi that can contaminate raw materials both in the field and during storage. When consumed by animals, they can lead to issues such as reproductive problems, digestive disorders, cancer and reduced performance.

Since 2004, dsm-firmenich has conducted annual testing on large numbers of animal feed samples from around the world to track mycotoxin contamination in various feed ingredients. The findings are published each year in the World Mycotoxin Survey.

Download the latest dsm-firmenich [World Mycotoxin Survey](https://www.dsm-firmenich.com/anh/news/downloads/whitepapers-and-reports/dsm-firmenich-world-mycotoxin-survey-january-to-march-2025.html) (<https://www.dsm-firmenich.com/anh/news/downloads/whitepapers-and-reports/dsm-firmenich-world-mycotoxin-survey-january-to-march-2025.html>).

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