



Mycotoxin Report for India: Quarter 4 – 2025

Avinash Bhat

Technical Specialist – Mycotoxin Analysis, Masterlab

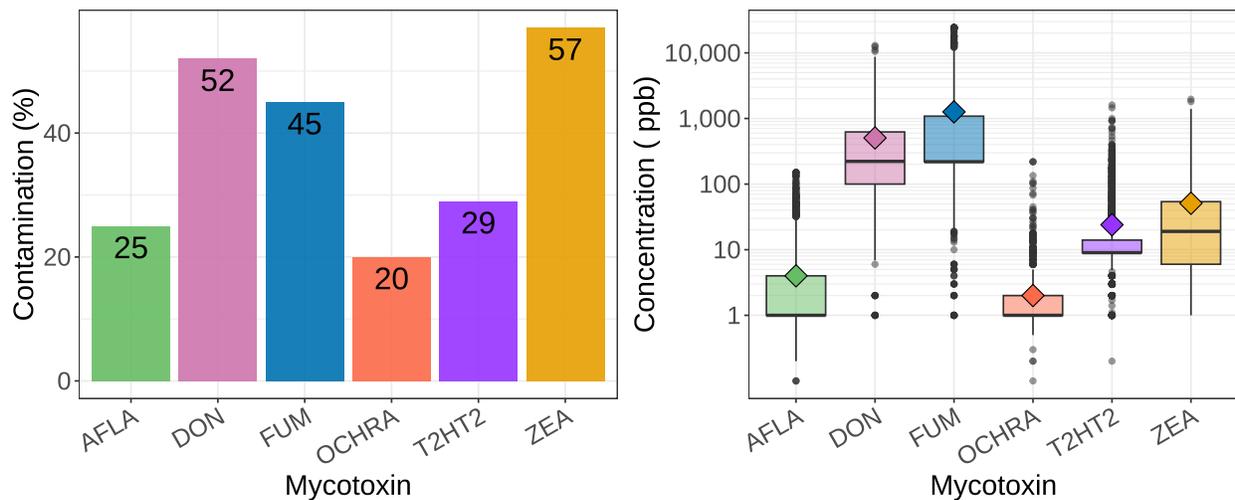
Dr. Swamy Haladi

Category Manager, Mycotoxin Risk Management, Trouw Nutrition

General Summary of Global Mycotoxin Contamination

Table 1: Summary of Global Mycotoxin Contamination During Q4 - 2025

Mycotoxin	Contamination (%)	Average (ppb)	Median (ppb)	Maximum (ppb)
AFLA	25	4	1	150
DON	52	505	138	12967
FUM	45	1262	219	24161
OCHRA	20	2	1	219
T2HT2	29	24	9	1606
ZEA	57	51	15	1965



(a) Amount of Contamination

(b) Distribution - Level of Contamination

Figure 1: Global Summary of Mycotoxin Contamination in Q4 - 2025

Summary of Mycotoxin Contamination in Geographical Regions

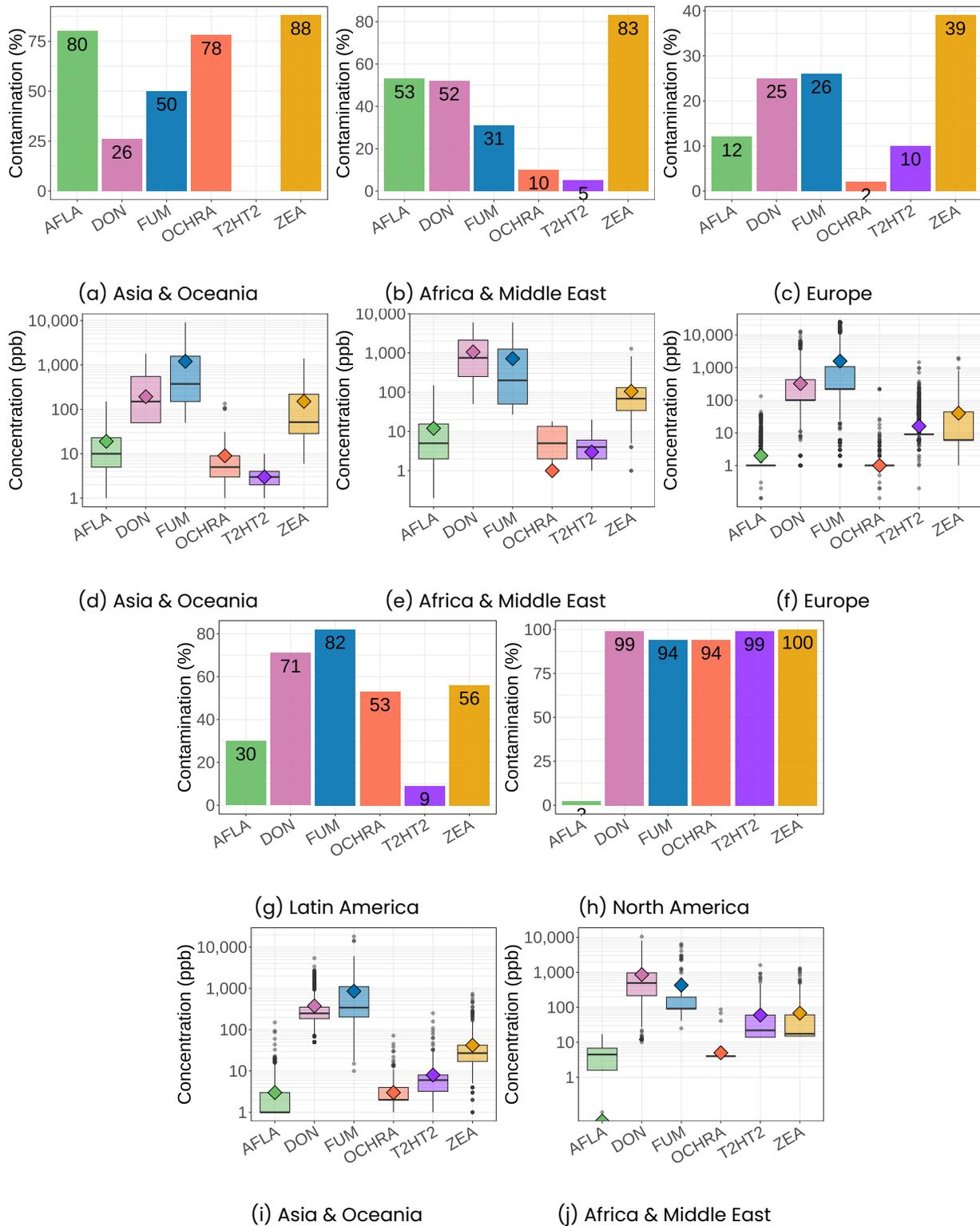
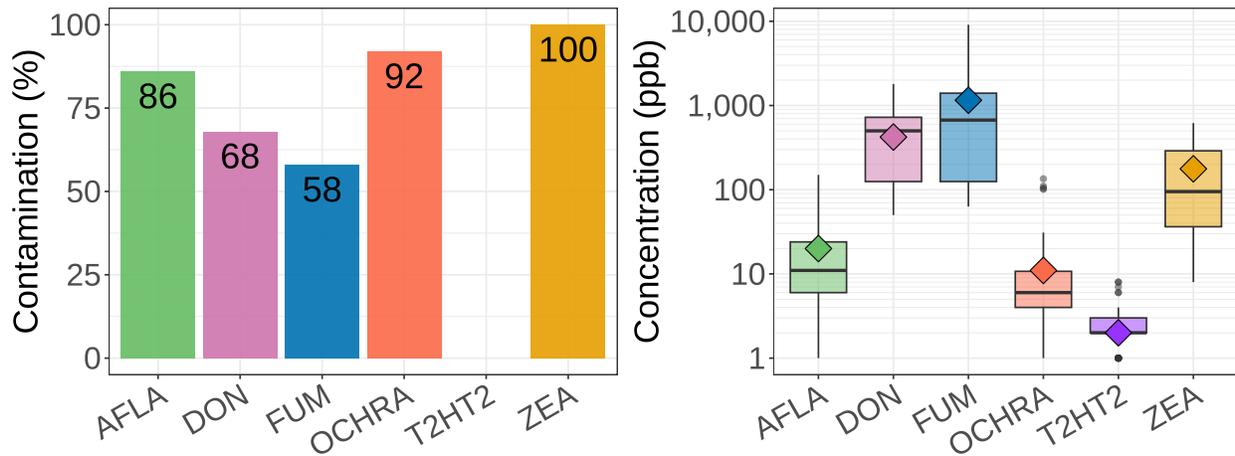


Figure 2: Region-Wise Summary of Mycotoxin Contamination in Q4 - 2025

General Summary of Mycotoxin Contamination in India

Table 2: Summary of Mycotoxin Contamination in India: Q4 - 2025

Mycotoxin	Contamination (%)	Average (ppb)	Median (ppb)	Maximum (ppb)
AFLA	86	20	11	150
DON	68	422	150	1800
FUM	58	1155	675	9100
OCHRA	92	11	6	135
T2HT2	NA	2	2	8
ZEA	100	177	95	618



(a) Amount of Contamination

(b) Distribution - Level of Contamination

Figure 3: Summary of Mycotoxin Contamination in India: Q4 - 2025

Summary of Monthly Mycotoxin Contamination in India

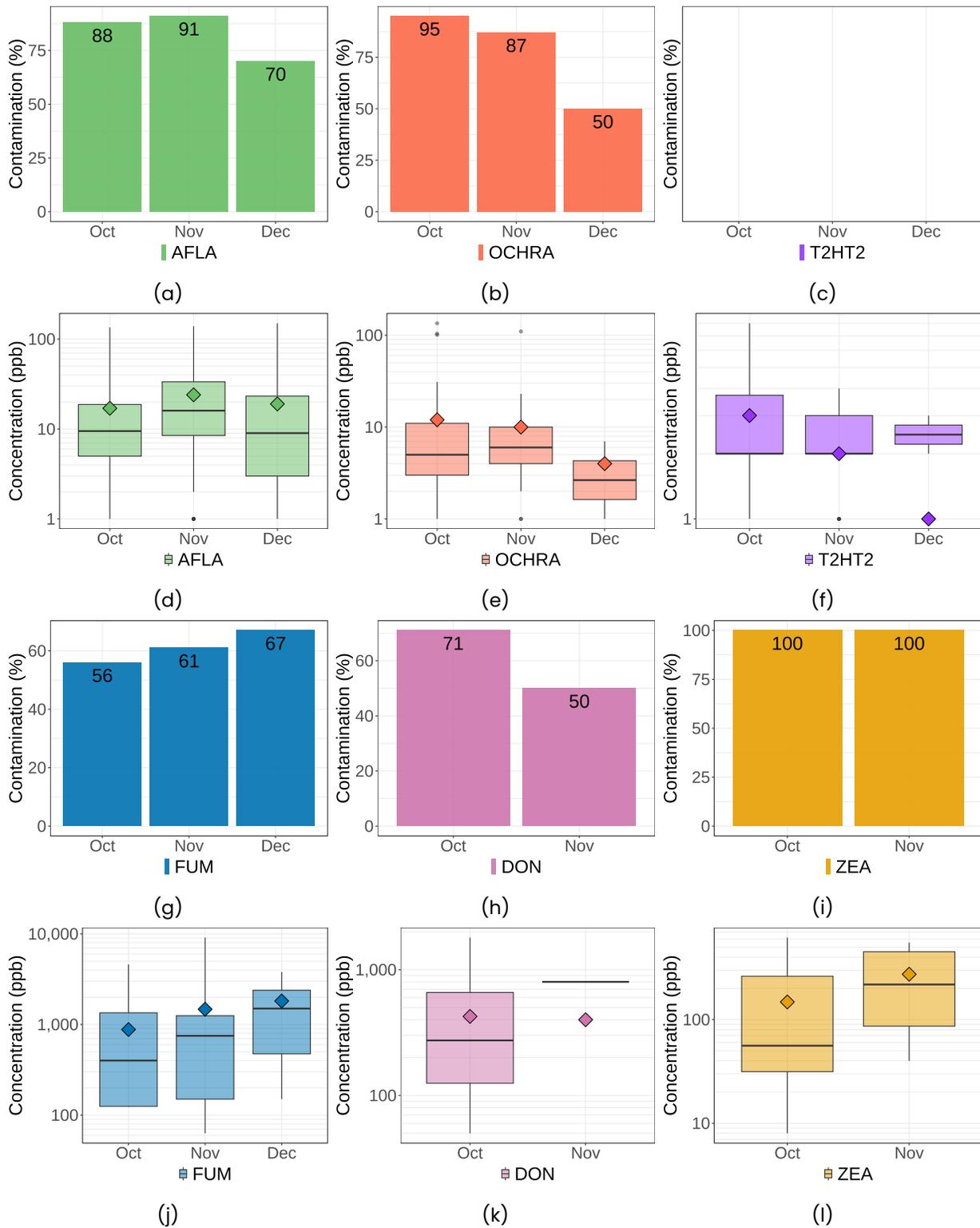
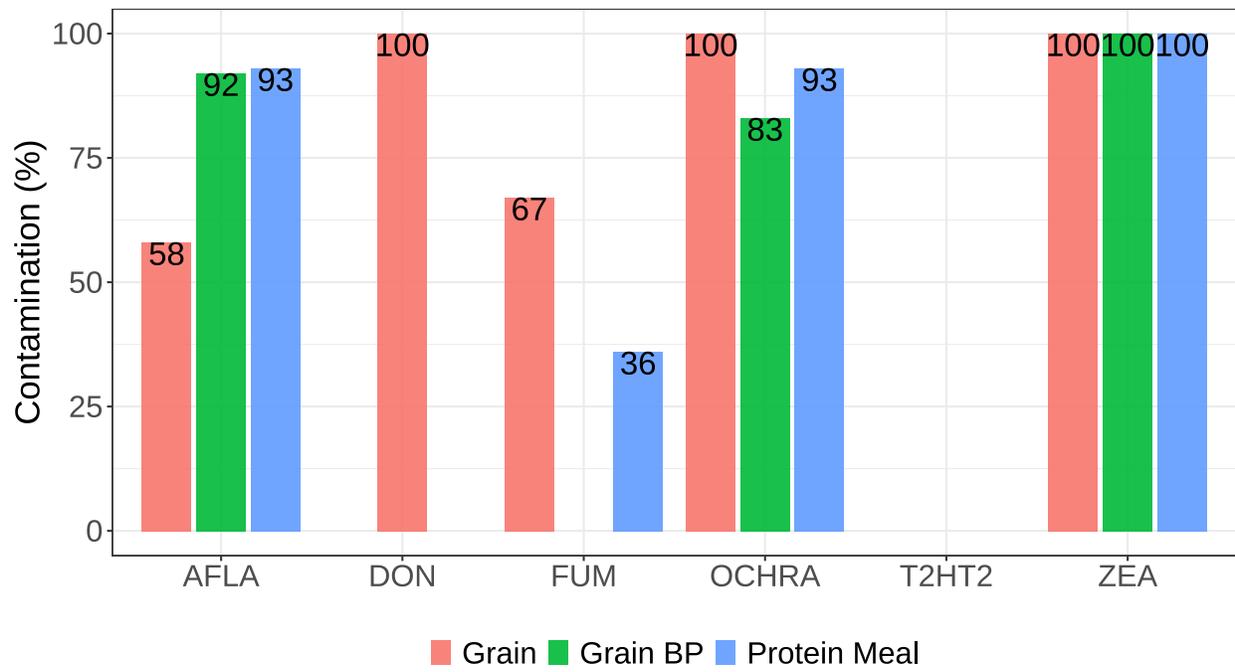
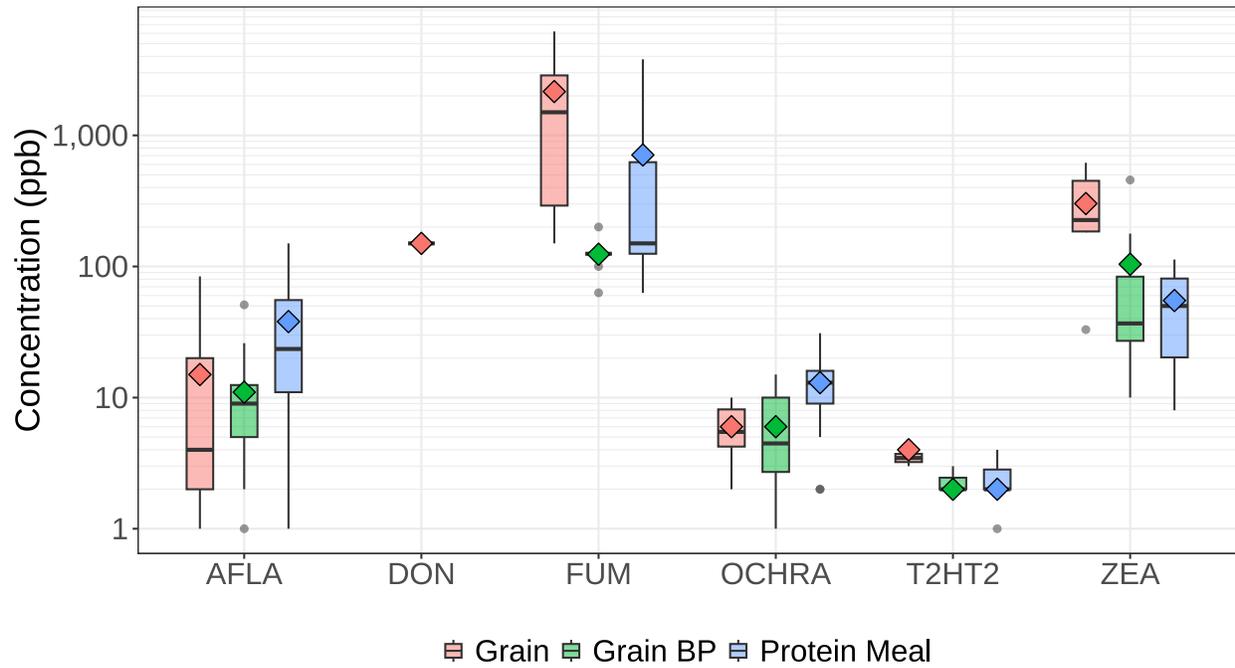


Figure 4: Month-Wise Summary of Mycotoxin contamination in india: Q4 - 2025

Summary of Mycotoxin Contamination in Major Commodities



(a) Bar Plot: Level of Mycotoxin Contamination



(b) Box Plot: Range of Mycotoxin Contamination

Figure 5: Summary of Mycotoxin Contamination in Major Commodities in India: Q4 - 2025

Summary of Mycotoxin contamination in Major Commodities

Table 3: Summary of Mycotoxin Contamination of Maize in India: Q4 - 2025

Mycotoxin	Contamination (%)	Average (ppb)	Median (ppb)	Maximum (ppb)
AFLA	55	15	4.0	84
FUM	80	2550	2500.0	6200
OCHRA	100	7	7.5	10
ZEA	100	224	205.5	450

Table 4: Summary of Mycotoxin Contamination of Soyabean Meal in India: Q4 - 2025

Mycotoxin	Contamination (%)	Average (ppb)	Median (ppb)	Maximum (ppb)
AFLA	100	8	8.5	11
FUM	NA	104	125.0	125
OCHRA	100	14	14.0	21
ZEA	100	39	15.0	95

Table 5: Global Summary of Mycotoxin Contamination in Rapeseed Meal: Q4 - 2025

Mycotoxin	Contamination (%)	Average (ppb)	Median (ppb)	Maximum (ppb)
AFLA	100	14	12.0	31
FUM	25	184	187.5	300
OCHRA	100	18	16.0	31
T2HT2	NA	4	4.0	4
ZEA	100	71	50.0	113

Table 6: Summary of Mycotoxin Contamination of Maize Gluten Meal in India: Q4 - 2025

Mycotoxin	Contamination (%)	Average (ppb)	Median (ppb)	Maximum (ppb)
AFLA	100	44	29.5	150
FUM	100	2200	1500.0	3800
OCHRA	67	5	5.0	9
T2HT2	NA	3	2.0	4

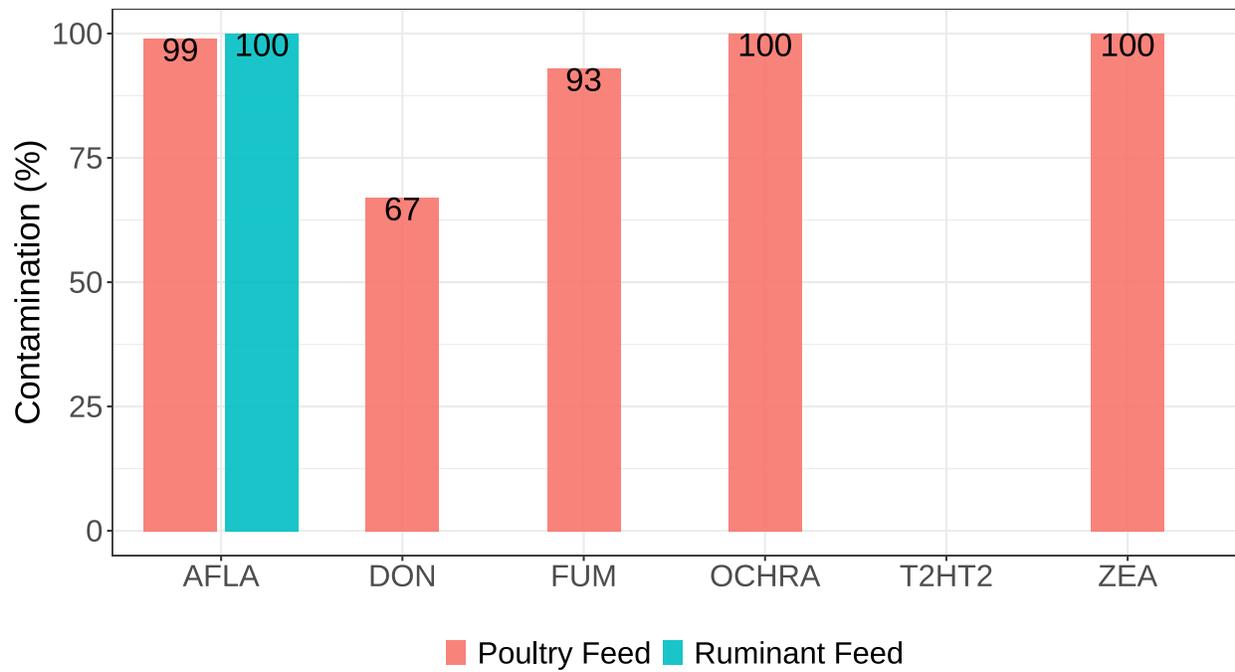
Table 7: Global Summary of Mycotoxin Contamination of Groundnut Meal: Q4 - 2025

Mycotoxin	Contamination (%)	Average (ppb)	Median (ppb)	Minimum (ppb)	Maximum (ppb)
AFLA	100	76	68	5	135
FUM	NA	150	150	150	150
OCHRA	67	6	5	2	11
T2HT2	NA	2	2	1	2

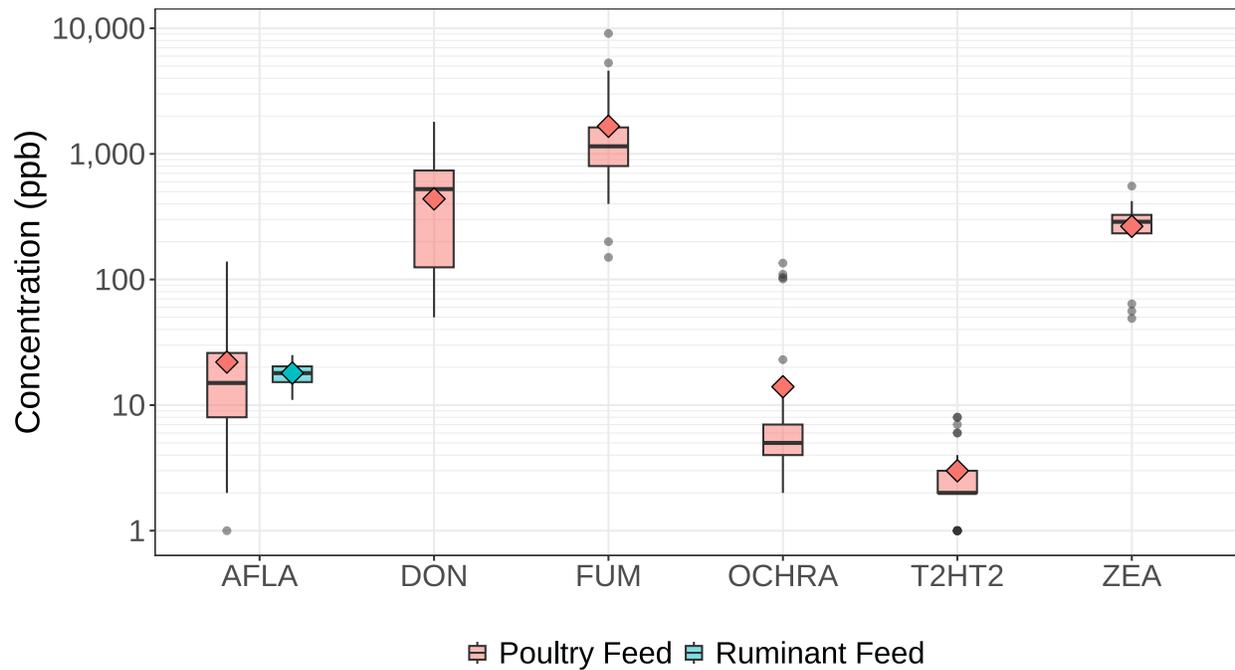
Table 8: Summary of Mycotoxin Contamination of Rice Byproducts in India: Q4 - 2025

Mycotoxin	Contamination (%)	Average (ppb)	Median (ppb)	Maximum (ppb)
AFLA	89	9	8	21
FUM	NA	113	125	125
OCHRA	78	5	4	11
T2HT2	NA	2	2	3
ZEA	100	36	33	65

Summary of Mycotoxin Contamination in Feed



(a) Bar Plot: Level of Mycotoxin Contamination



(b) Box Plot: Range of Mycotoxin Contamination

Figure 6: Summary of Mycotoxin Contamination of Major Feed Commodities in India: Q4 - 2025

Contamination Summary in Poultry Feed

Table 9: Summary of Mycotoxin Contamination of Broiler Feed in India: Q4 - 2025

Mycotoxin	Contamination (%)	Average (ppb)	Median (ppb)	Maximum (ppb)
AFLA	100	28	19	139
DON	60	500	500	1800
FUM	100	1741	1000	9100
OCHRA	100	23	6	135
T2HT2	NA	2	2	7
ZEA	100	214	148	554

Table 10: Summary of Mycotoxin Contamination of Breeder and Layer Feed in India: Q4 - 2025

Mycotoxin	Contamination (%)	Average (ppb)	Median (ppb)	Maximum (ppb)
AFLA	97	12	10	65
DON	100	125	125	125
FUM	82	1532	1200	5300
OCHRA	100	5	5	12
T2HT2	NA	3	2	8
ZEA	100	309	291	421

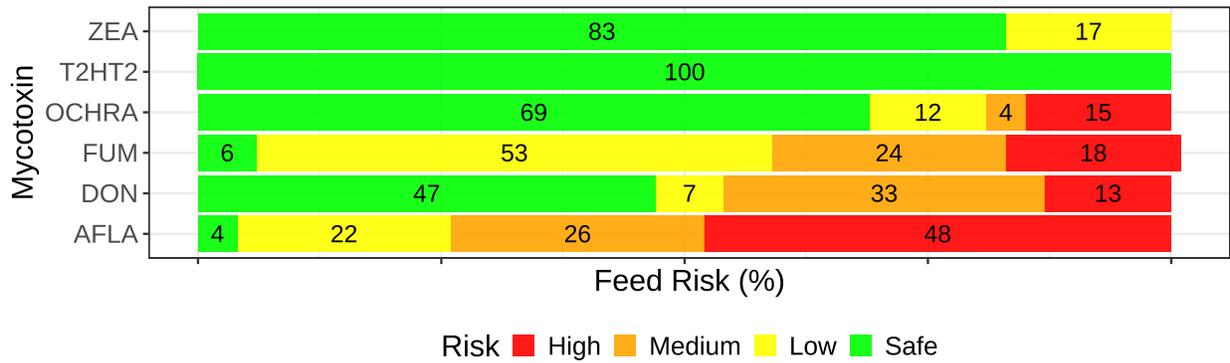
Contamination Summary in Ruminant Feed

Table 11: Summary of Mycotoxin Contamination of Ruminant Feed in India: Q4 - 2025

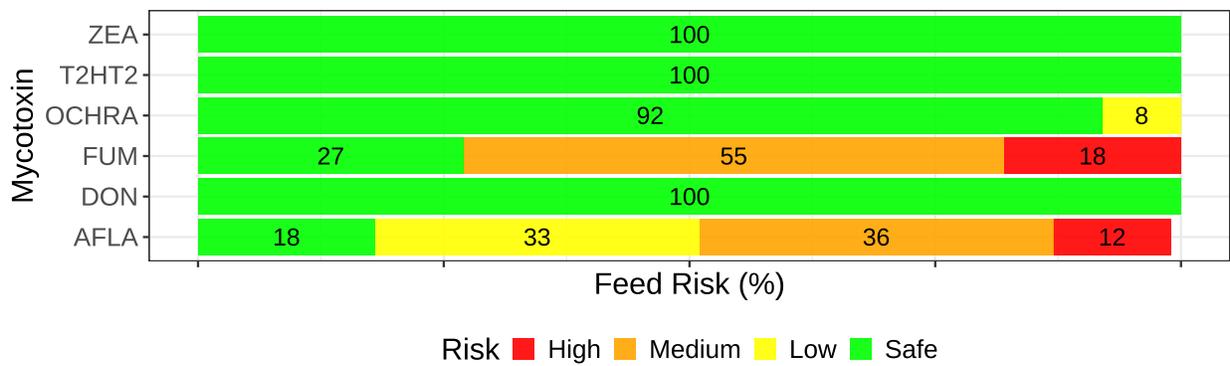
Mycotoxin	Contamination (%)	Average (ppb)	Median (ppb)	Maximum (ppb)
AFLA	100	18	18	25

Summary of Mycotoxin Risk for Feed

Feed Risk - Poultry Feed



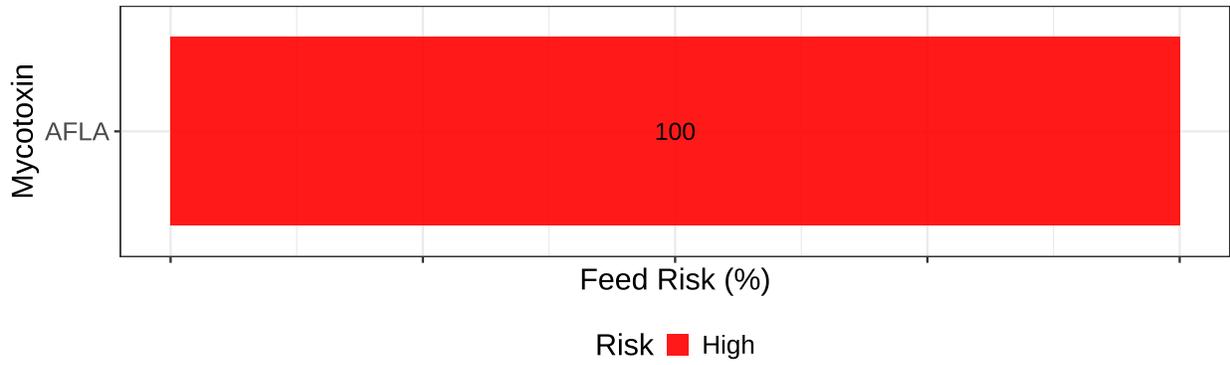
(a) Broiler Feed



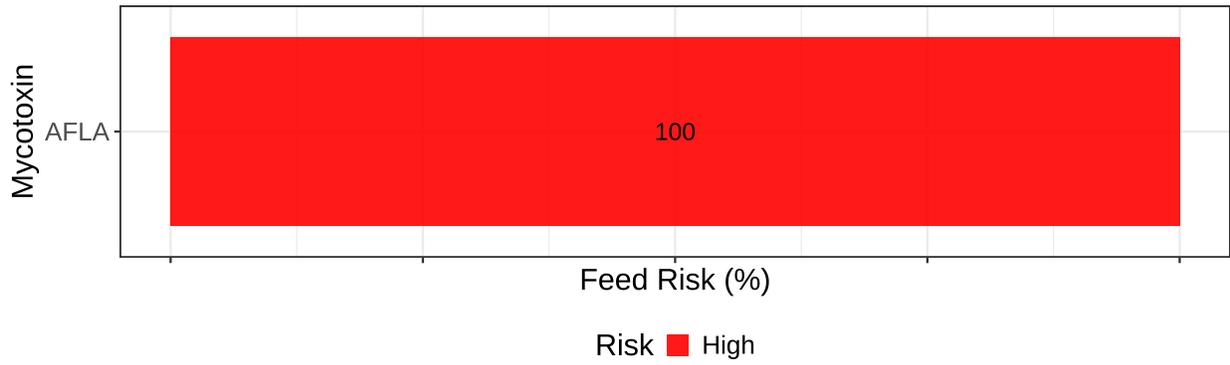
(b) Layer and Breeder Feed

Figure 7: Summary of Mycotoxin Risk With Poultry Feed in India: Q4 - 2025

Feed Risk - Ruminant Feed



(a) Dairy Calves



(b) Dairy Cows

Figure 8: Summary of Mycotoxin Risk With Ruminant Feed in India: Q4 - 2025

Mycotoxin Contamination Trends

Global Trend

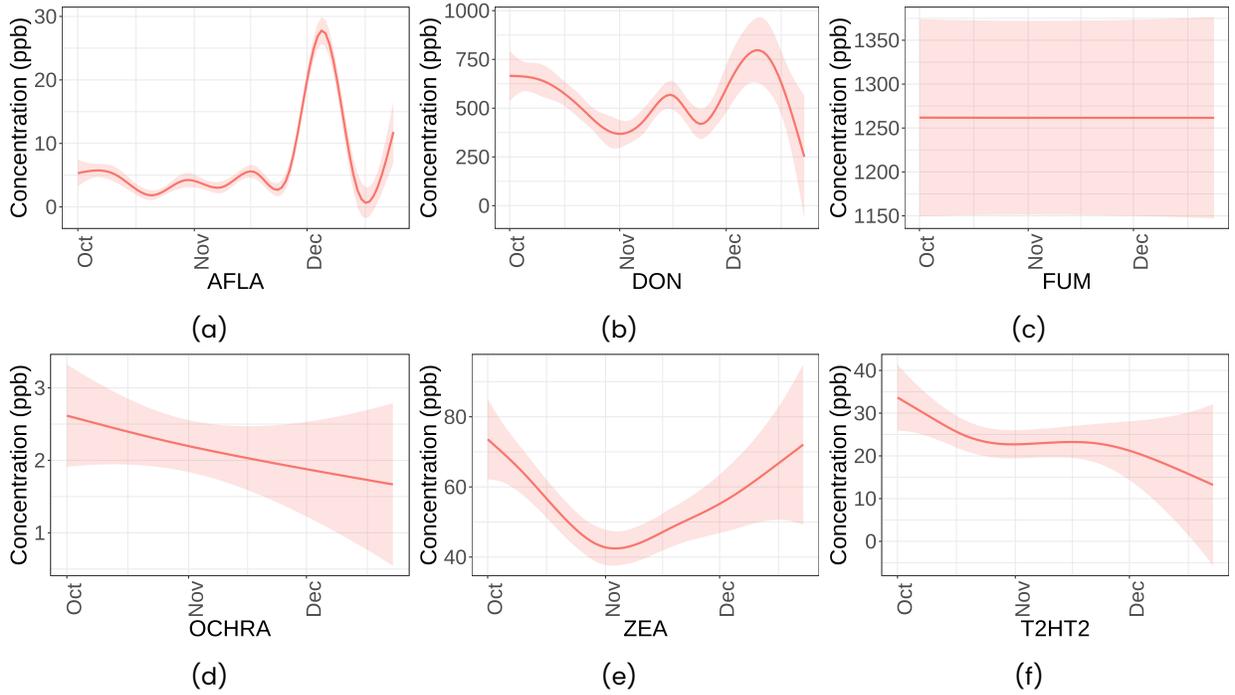


Figure 9: Global Trend in Mycotoxin Contamination during Q4 - 2025

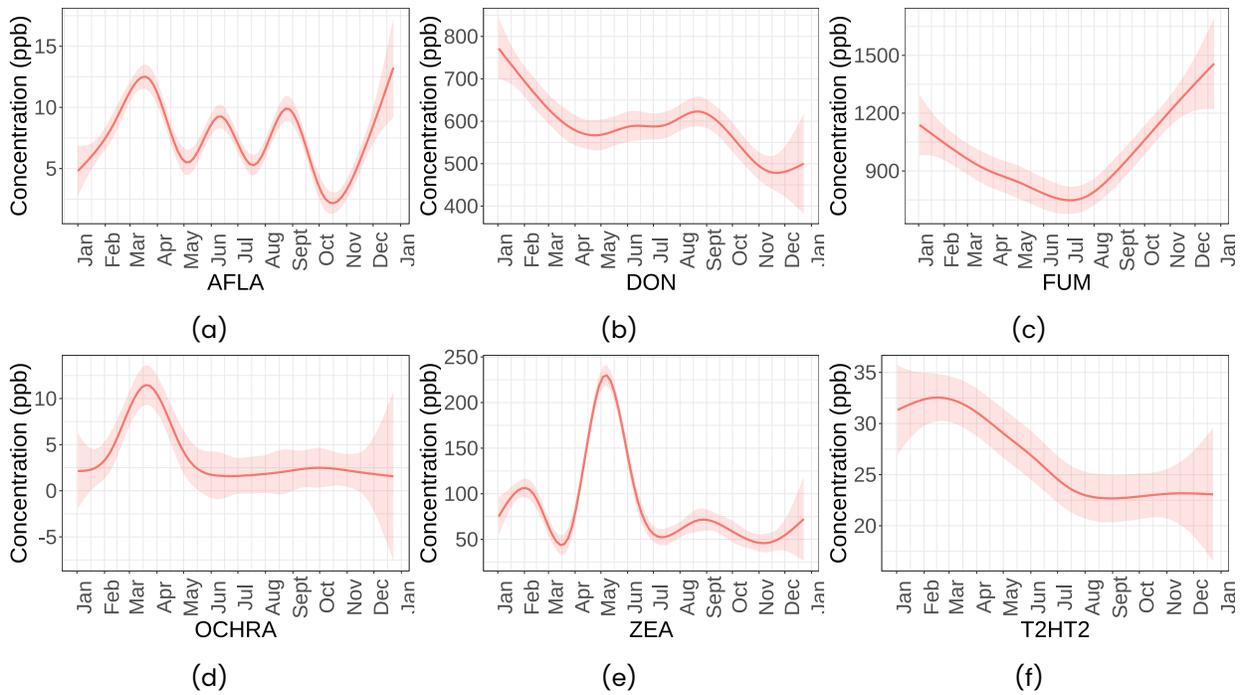


Figure 10: Global Trend in Mycotoxin Contamination during 2025

Trend in India

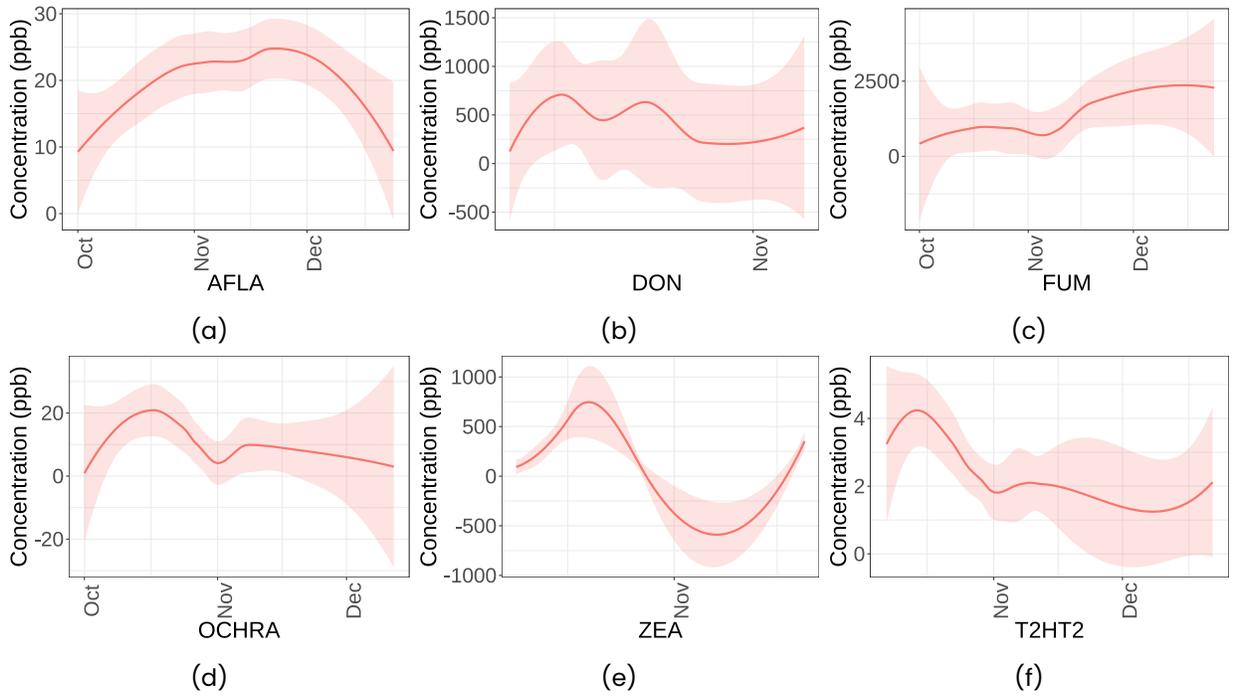


Figure 11: Mycotoxin Contamination Trend in India: Q4 - 2025

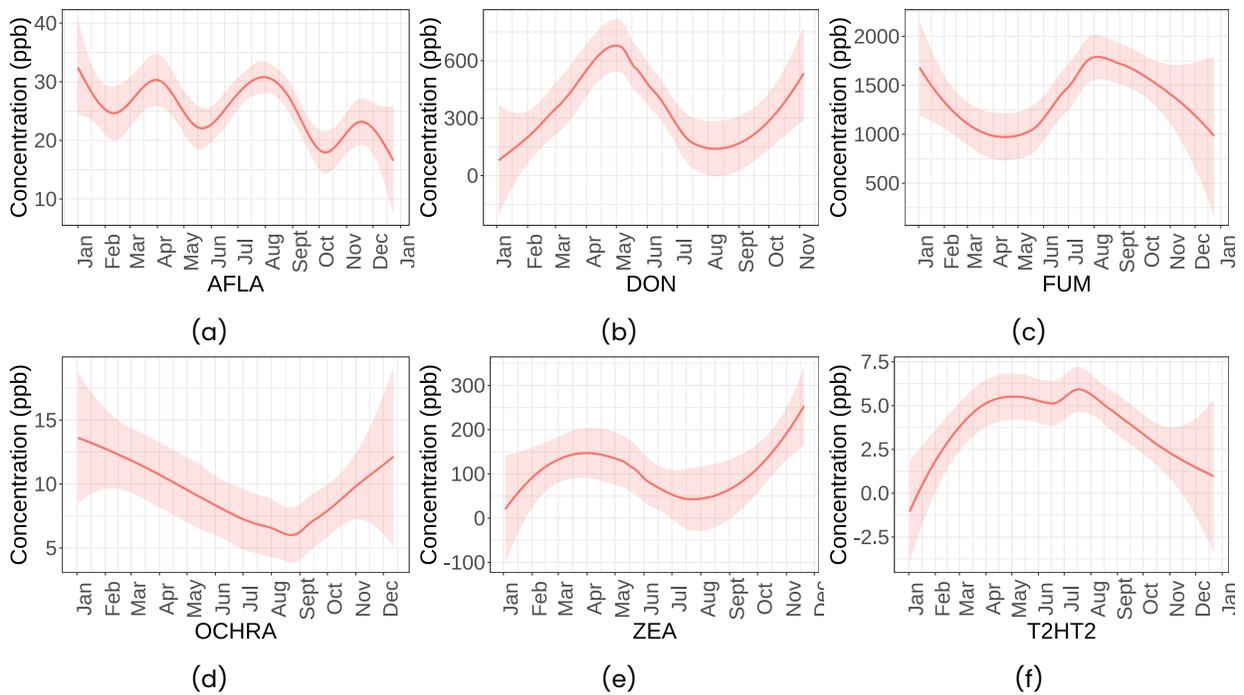


Figure 12: Mycotoxin Contamination Trend in India: 2025

Mycotoxin Contamination Forecast for Quarter 1 2026

Global Forecast

Table 12: Global Aflatoxin Average Contamination Forecast for Q1 – 2026 in ppb

Month	Avg. (Mid)	Avg. (Low)	Avg. (High)
Jan 2026	11.0	6.4	15.5
Feb 2026	8.4	3.9	13.0
Mar 2026	9.3	4.8	13.9

Table 13: Global DON Average Contamination Forecast for Q1 – 2026 in ppb

Month	Avg. (Mid)	Avg. (Low)	Avg. (High)
Jan 2026	691.7	520.1	863.3
Feb 2026	671.1	499.5	842.7
Mar 2026	630.1	458.5	801.7

Table 14: Global Fumonisin Average Contamination Forecast for Q1 – 2026 in ppb

Month	Avg. (Mid)	Avg. (Low)	Avg. (High)
Jan 2026	1084.4	761.7	1407.1
Feb 2026	1062.3	739.6	1385.0
Mar 2026	1033.2	710.5	1355.9

Table 15: Global T2/HT2 Toxin Average Contamination Forecast for Q1 – 2026 in ppb

Month	Avg. (Mid)	Avg. (Low)	Avg. (High)
Jan 2026	35.7	0.0	73.7
Feb 2026	34.7	0.0	72.7
Mar 2026	32.6	0.0	70.6

Table 16: Global Zearalenone Average Contamination Forecast for Q1 – 2026 in ppb

Month	Avg. (Mid)	Avg. (Low)	Avg. (High)
Jan 2026	102.4	38.2	166.7
Feb 2026	79.9	15.7	144.1
Mar 2026	91.4	27.2	155.6

Table 17: Global Ochra Toxin Average Contamination Forecast for Q1 – 2026 in ppb

Month	Avg. (Mid)	Avg. (Low)	Avg. (High)
Jan 2026	4.0	0.0	9.8
Feb 2026	5.5	0.0	11.3
Mar 2026	4.8	0.0	10.6

Forecast for India

Table 18: Aflatoxin Average Contamination Forecast for India: Q1 – 2026 in ppb

Month	Avg. (Mid)	Avg. (Low)	Avg. (High)
Jan 2026	41.1	24.3	58.0
Feb 2026	24.8	8.0	41.6
Mar 2026	31.8	14.9	48.6