



Incidence of Mycotoxins in the Northeast States

(Analysis by TLC and HPLC; Aflatoxin incidence not included as it is relatively low)

FEED TYPE: Hay / Haylage

No of Total Samples 36

	% Positive	% 0.5 to 1 ppm	% 1 to 5 ppm	% 5 to 25 ppm	% >25ppm
DON	11.1%	25.0%	25.0%	50.0%	0%
15 Acetyl DON	0%	0%	0%	0%	0%
3 Acetyl DON	0%	0%	0%	0%	0%
Zearalenone	0%	0%	0%	0%	0%
T2	0%	0%	0%	0%	0%

FEED TYPE: Corn Grain

No of Total Samples 76

	% Positive	% 0.5 to 1 ppm	% 1 to 5 ppm	% 5 to 25 ppm	% >25ppm
DON	59.2%	33.3%	42.2%	20.0%	2.2%
15 Acetyl DON	15.8%	41.7%	58.3%	0%	0%
3 Acetyl DON	1.3%	8.3%	0%	0%	0%
Zearalenone	3.9%	0%	100.0%	0%	0%
T2	0%	0%	0%	0%	0%

FEED TYPE: Corn Silage

No of Total Samples 96

	% Positive	% 0.5 to 1 ppm	% 1 to 5 ppm	% 5 to 25 ppm	% >25ppm
DON	75.0%	27.8%	70.8%	1.4%	0%
15 Acetyl DON	1.0%	0%	100.0%	0%	0%
3 Acetyl DON	0%	0%	0%	0%	0%
Zearalenone	1.0%	0%	100.0%	0%	0%
T2	0%	0%	0%	0%	0%

FEED TYPE: Distillers

No of Total Samples 18

	% Positive	% 0.5 to 1 ppm	% 1 to 5 ppm	% 5 to 25 ppm	% >25ppm
DON	83.3%	0%	60.0%	40.0%	0%
15 Acetyl DON	33.3%	16.7%	83.3%	0%	0%
3 Acetyl DON	0%	0%	0%	0%	0%
Zearalenone	22.2%	100.0%	0%	0%	0%
T2	0%	0%	0%	0%	0%

FEED TYPE: Total Mixed Ration

No of Total Samples 22

	% Positive	% 0.5 to 1 ppm	% 1 to 5 ppm	% 5 to 25 ppm	% >25ppm
DON	68.2%	53.3%	46.7%	0%	0%
15 Acetyl DON	0%	0%	0%	0%	0%
3 Acetyl DON	0%	0%	0%	0%	0%
Zearalenone	0%	0%	0%	0%	0%
T2	0%	0%	0%	0%	0%

