

Table 18: Mycotoxin results - Maize Crop Quality (2008/2009)

Region	RSA Grade	Aflatoxin ppb (LOD: 2ppb)	Fumonisin ppm (LOD: 0.1ppm)	Deoxynivalenol ppm (LOD: 0.25ppm)	Zearalenone ppm (LOD: 0.025ppm)	Ochratoxin ppb (LOD: 1ppb)
10	YM1	0	0	0.40	0.16	0
10	YM1	0	0.40	2.40	0.05	0
11	WM1	0	0.40	0	0	0
11	YM1	0	1.00	0.50	0	0
12	WM1	0	0.75	0	0	0
12	WM2	0	0.10	0.40	0	0
12	YM1	0	0	0	0	0
12	YM1	0	0.15	0	0	0
13	WM1	0	0.10	0	0	0
13	WM1	0	1.50	0	0	0
13	WM1	0	2.10	0.30	0	1.00
14	WM1	0	0	0	0	0
14	WM1	0	0	0.50	0	0
14	WM1	0	0.70	0.25	0	0
14	YM1	0	1.90	0.35	0	0
14	YM1	0	0	0.60	0	0
15	WM1	0	0	0	0	0
15	WM2	0	0.40	0.70	0	0
16	WM1	0	1.00	0.25	0	0
16	WM1	0	0.20	0.40	0	0
16	WM1	0	0	0	0	0
16	WM2	0	0.85	0.75	0	0
16	YM1	0	0.10	0	0	0
17	COM (W)	0	3.20	2.70	0	0
17	WM1	0	0.10	0.85	0	0
17	WM1	0	0	0	0	0
17	WM1	0	2.70	1.00	0	0
18	WM1	0	0	0.25	0	0
18	WM1	0	0.35	0.30	0	1.00
19	COM (Y)	0	0.15	0	0	0
19	WM1	0	1.60	1.50	0	0
20	YM1	0	0	0.70	0.04	0
20	YM1	0	0	0.25	0	0
21	WM1	0	0.60	0.40	0	0
21	WM1	0	0.70	0.90	0	0
21	YM1	0	0.10	0	0	0
22	WM1	0	1.50	0	0	0
22	WM1	0	1.10	0	0	1.00
22	YM1	0	1.50	0	0	0
23	WM1	0	2.10	0.25	0	0
23	WM2	0	0.75	1.30	0	0
24	WM1	0	0.10	0	0	0
24	YM1	0	0.70	0	0	0
24	YM1	0	0	0	0	1.00
25	WM1	0	0	0.65	0	0
25	WM1	0	0	0	0	0
25	YM1	0	0.30	0.25	0	0
26	WM2	0	0	0.75	0	0

Table 18: Mycotoxin results - Maize Crop Quality (2008/2009) (continue)

Region	RSA Grade	Aflatoxin ppb (LOD: 2ppb)	Fumonisin ppm (LOD: 0.1ppm)	Deoxynivalenol ppm (LOD: 0.25ppm)	Zearalenone ppm (LOD: 0.025ppm)	Ochratoxin ppb (LOD: 1ppb)
26	YM1	0	0	0	0	0
26	YM1	0	0.35	0.35	0	1.00
26	YM2	0	0.70	0	0	0
27	WM1	0	0.60	0.45	0	0
27	YM1	0	0	0.55	0	0
28	WM1	0	0	0	0	1.00
28	WM2	0	0.75	0.50	0	0
28	YM1	0	0	0.50	0	0
28	YM1	0	0	0.60	0	0
28	YM1	0	0	0	0	0
28	YM1	0	0	0.40	0	0
28	YM1	0	0	0	0	0
28	YM2	0	0	1.00	0	0
29	WM1	0	0	0	0	0
29	WM1	0	0	0.45	0.10	1.00
29	WM1	0	0	0.45	0.12	1.00
29	WM1	0	0.25	0	0	1.00
29	WM1	0	0	0	0	0
30	WM1	0	0	1.00	0	0
30	WM1	0	0	0.50	0	0
30	WM1	0	0	0.40	0	0
30	WM2	0	1.00	2.90	0.05	0
30	YM1	0	0	1.30	0	0
30	YM1	0	0	0.45	0	0
30	YM2	0	3.00	0.35	0	0
31	WM1	0	0	0	0	0
31	WM1	0	0.45	0.40	0	1.00
31	WM1	0	0	0.50	0	1.00
31	YM1	0	0	0.80	0	0
32	WM1	0	3.30	0	0	0
32	WM2	0	0	0.35	0	0
32	YM1	0	0.20	0	0	0
33	YM1	0	0	0.30	0	0
34	WM1	0	0.60	0.65	0	0
34	WM1	0	0.35	0.65	0	0
34	YM1	0	0.70	0	0	1.00
35	YM1	0	0	0	0	0
35	YM1	0	0	0	0	0
36	WM1	0	0.40	1.00	0.04	0
36	WM2	0	1.90	0.65	0.05	0
36	YM1	0	0.75	0.80	0	0
36	YM1	0	0	0.35	0	0
2008/2009 Average		0	0.49	0.43	0.01	0.13
2008/2009 Max		0	3.30	2.90	0.16	1.00
2008/2009 Number of samples		90	90	90	90	90

Note: All results < LOD and non detected are reported as 0

LOD: Limit of detection, see table