

TABLE 18: Mycotoxin results - Maize Crop Quality 2009/2010

Region	Grade	Aflatoxin µg/kg				Fumonisin µg/kg		DON µg/kg	Ochratoxin A µg/kg	Zearalenone µg/kg	T2 - Toxin µg/kg
		G ₁	B ₁	G ₂	B ₂	B ₁	B ₂				
		LOD									
		5 µg/kg	5 µg/kg	5 µg/kg	5 µg/kg	100 µg/kg	5 µg/kg	5 µg/kg	5 µg/kg	20 µg/kg	5 µg/kg
10	YM1	0	0	0	0	0	0	34	0	0	0
11	WM1	0	0	0	0	102	30	44	0	0	0
12	WM1	0	0	0	0	0	40	110	0	0	0
12	WM3	0	0	0	0	650	237	106	0	0	0
13	WM3	0	0	0	0	1806	599	264	0	0	0
13	YM1	0	0	0	0	0	0	34	0	0	0
14	WM2	0	0	0	0	0	0	560	0	0	0
14	YM1	0	0	0	0	0	0	92	0	0	0
14	WM2	0	0	0	0	324	114	594	0	0	0
14	WM2	0	0	0	0	230	72	58	0	0	0
15	YM1	0	0	0	0	218	101	0	0	0	0
15	WM2	0	0	0	0	0	0	12	0	0	0
16	WM1	0	0	0	0	0	0	310	0	0	0
16	YM2	0	0	0	0	510	160	100	0	0	0
16	WM1	0	0	0	0	154	72	0	0	0	0
17	WM2	0	0	0	0	624	316	51	0	0	0
17	WM2	0	0	0	0	1082	308	75	0	0	0
17	WM1	0	0	0	0	166	68	206	0	0	0
17	WM2	0	0	0	0	0	0	82	0	0	0
18	WM1	0	0	0	0	0	0	56	0	0	0
18	WM2	0	0	0	0	0	14	30	0	0	0
18	WM1	0	0	0	0	550	254	94	0	0	0
18	YM1	0	0	0	0	0	0	440	0	0	0
18	YM1	0	0	0	0	574	116	224	0	0	0
19	WM2	0	0	0	0	0	0	917	0	0	0
19	YM2	0	0	0	0	1200	363	199	0	0	0
20	WM2	0	0	0	0	0	0	1845	0	0	0
20	WM3	0	0	0	0	0	0	444	0	0	0
21	WM1	0	0	0	0	0	26	154	0	0	0
21	WM1	0	0	0	0	0	0	28	0	0	0
21	WM1	0	0	0	0	0	0	263	0	0	0
21	WM1	0	0	0	0	0	12	570	0	0	0
22	WM2	0	0	0	0	0	0	72	0	0	0
22	WM1	0	0	0	0	1130	409	439	0	0	0
22	WM2	0	0	0	0	0	0	168	0	0	0
23	YM1	0	0	0	0	0	0	22	0	0	0
23	YM1	0	0	0	0	0	0	242	0	0	0
23	YM2	0	0	0	0	0	0	0	0	0	0
23	WM1	0	0	0	0	1229	400	624	0	0	0
23	WM3	0	0	0	0	192	68	298	0	0	0
24	WM1	0	0	0	0	330	150	356	0	0	0
24	WM1	0	0	0	0	0	0	272	0	0	0
24	WM1	0	0	0	0	0	0	346	0	0	0
24	WM1	0	0	0	0	346	130	44	0	0	0
24	WM1	0	0	0	0	0	0	32	0	0	0
25	WM1	0	0	0	0	118	58	58	0	0	0
25	YM1	0	0	0	0	0	0	196	0	0	0

TABLE 18: Mycotoxin results - Maize Crop Quality 2009/2010 (continue)

Region	Grade	Aflatoxin µg/kg				Fumonisin µg/kg		DON µg/kg	Ochratoxin A µg/kg	Zearalenone µg/kg	T2 - Toxin µg/kg
		G ₁	B ₁	G ₂	B ₂	B ₁	B ₂				
		LOD									
		5 µg/kg	5 µg/kg	5 µg/kg	5 µg/kg	100 µg/kg	5 µg/kg	5 µg/kg	5 µg/kg	20 µg/kg	5 µg/kg
25	YM1	0	0	0	0	0	0	46	0	0	0
25	WM2	0	0	0	0	0	0	60	0	0	0
25	WM2	0	0	0	0	0	0	142	0	0	0
26	WM2	0	0	0	0	0	0	184	0	0	0
26	WM3	0	0	0	0	0	0	95	0	0	0
26	YM1	0	0	0	0	0	0	30	0	0	0
26	WM1	0	0	0	0	0	0	260	0	0	0
26	YM1	0	0	0	0	226	62	290	0	0	0
27	WM2	0	0	0	0	3133	902	730	0	0	0
27	YM2	0	0	0	0	392	102	154	0	0	0
27	WM2	0	0	0	0	0	0	222	0	0	0
28	YM1	0	0	0	0	0	0	76	0	0	0
28	YM2	0	0	0	0	0	0	88	0	0	0
28	WM1	0	0	0	0	0	0	70	0	0	0
28	YM1	0	0	0	0	362	76	54	0	0	0
28	WM1	0	0	0	0	0	0	188	0	0	0
28	WM1	0	0	0	0	0	0	540	0	0	0
28	YM2	0	0	0	0	0	0	62	0	0	0
28	YM3	0	0	0	0	0	0	42	0	0	0
28	YM1	0	0	0	0	0	0	0	0	0	0
29	WM1	0	0	0	0	0	0	470	0	0	0
29	WM1	0	0	0	0	0	0	32	0	0	0
29	YM1	0	0	0	0	0	0	50	0	0	0
29	WM2	0	0	0	0	0	0	26	0	0	0
29	WM1	0	0	0	0	0	0	86	0	0	0
29	YM1	0	0	0	0	0	18	0	0	0	0
30	WM1	0	0	0	0	0	0	406	0	0	0
30	WM1	0	0	0	0	0	0	204	0	0	0
30	WM1	0	0	0	0	0	0	460	0	0	0
31	YM2	0	0	0	0	0	0	134	0	0	0
31	WM1	0	0	0	0	168	58	232	0	0	0
31	YM2	0	0	0	0	248	94	136	0	0	0
32	WM1	0	0	0	0	102	34	86	0	0	0
32	WM1	0	0	0	0	0	0	296	0	0	0
33	WM1	0	0	0	0	0	0	552	0	0	0
34	YM1	0	0	0	0	126	57	0	0	0	0
34	WM1	0	0	0	0	0	22	334	0	0	0
34	YM1	0	0	0	0	0	0	174	0	0	0
35	WM1	0	0	0	0	506	180	0	0	0	0
35	YM1	0	0	0	0	0	0	0	0	0	0
36	YM1	0	0	0	0	0	0	92	0	0	0
36	WM1	0	0	0	0	0	0	204	0	0	0
36	WM1	0	0	0	0	0	0	78	0	0	0
Average		0	0	0	0	187	64	206	0	0	0
Maximum		0	0	0	0	3133	902	1845	0	0	0
Number of samples		90	90	90	90	90	90	90	90	90	90

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

LOD: Limit of detection, see table

µg/kg = ppb (parts per billion)