

Genetic modification

Ten percent of this crop samples (100 samples) were selected randomly and tested for the presence of MON 810 (Bt maize event) and NK 603 (RUR). The MON 810 limit of detection for the methodology used is 0,15 %. The highest reference standard was 2,0 % and the accuracy of results can only be guaranteed up to 2,0 %. Seventy-seven percent of the

samples tested positive with values between 0,15 to 2,0 %.

The NK 603 limit of detection for the methodology used is 0,25 %. The highest reference standard was 1,8 % and the accuracy of the results can only be guaranteed up to 1,8 %. Thirty-one percent of the samples tested positive with values between 0,25 to 1,8 %.

TABLE 24: PRESENCE OF GENETICALLY MODIFIED MAIZE

Region	Grade	% MON810	% RUR	Region	Grade	% MON810	% RUR
10	YM1	>2	0.9	24	WM1	>2	0.3
10	WM1	0.5	< LOD	24	YM1	>2	< LOD
11	YM1	>2	>1.8	25	YM1	>2	< LOD
11	YM1	< LOD	< LOD	25	WM1	>2	< LOD
12	WM1	0.2	< LOD	25	YM1	>2	< LOD
12	YM1	< LOD	< LOD	25	WM1	>2	< LOD
13	YM1	0.4	< LOD	26	WM1	>2	< LOD
13	WM1	>2	< LOD	26	YM2	>2	0.3
14	WM1	2.0	< LOD	27	WM1	0.9	< LOD
14	YM1	>2	< LOD	27	YM1	>2	< LOD
14	WM1	0.2	< LOD	27	YM1	>2	< LOD
15	WM1	0.7	< LOD	27	WM1	1.1	< LOD
15	YM1	< LOD	< LOD	28	YM2	>2	0.3
15	YM1	>2	< LOD	28	YM1	>2	0.4
15	WM1	0.3	< LOD	28	YM1	>2	< LOD
16	YM2	>2	>1.8	28	WM2	< LOD	< LOD
16	WM1	< LOD	< LOD	29	WM1	< LOD	0.5
16	YM1	< LOD	< LOD	29	YM2	0.5	< LOD
16	WM1	>2	1.0	29	YM1	< LOD	0.9
17	WM1	>2	< LOD	29	YM1	0.2	0.6
17	YM1	>2	0.3	29	WM1	>2	>1.8
17	WM1	>2	< LOD	30	YM1	>2	< LOD
17	YM1	< LOD	< LOD	30	WM1	< LOD	< LOD
18	YM1	>2	< LOD	30	WM2	< LOD	< LOD
18	WM1	< LOD	>1.8	30	YM2	>2	< LOD
18	WM1	>2	>1.8	30	YM2	1.1	< LOD
18	WM1	< LOD	>1.8	30	WM1	>2	< LOD
19	WM1	< LOD	< LOD	31	WM2	< LOD	0.7
19	YM1	>2	>1.8	31	YM1	>2	< LOD
20	WM1	>2	>1.8	31	YM1	< LOD	< LOD
20	YM1	>2	< LOD	31	WM1	>2	0.3
21	WM1	0.6	< LOD	32	YM1	>2	0.7
21	YM1	>2	>1.8	32	WM1	0.2	1.7
21	WM1	>2	< LOD	32	WM1	1.2	< LOD
21	YM1	>2	< LOD	32	YM1	< LOD	< LOD
21	WM1	>2	< LOD	32	WM1	>2	< LOD
22	YM1	1.8	< LOD	33	YM1	0.3	< LOD
22	WM1	>2	< LOD	33	WM1	>2	0.3
22	WM1	>2	< LOD	33	WM1	< LOD	< LOD
22	WM1	>2	< LOD	33	YM1	0.8	>1.8
22	WM1	>2	< LOD	34	WM1	< LOD	< LOD
23	WM1	>2	< LOD	34	YM1	< LOD	< LOD
23	YM1	>2	< LOD	34	WM1	>2	< LOD
23	YM1	>2	< LOD	34	YM1	< LOD	>1.8
23	WM1	>2	< LOD	35	YM1	0.6	< LOD
23	WM2	1.5	< LOD	35	YM1	< LOD	< LOD
23	WM1	>2	0.6	36	WM1	1.5	< LOD
24	YM1	< LOD	< LOD	36	YM2	>2	>1.8
24	WM1	>2	1.4	36	WM2	0.6	1.6
24	WM1	>2	< LOD	36	YM1	>2	>1.8
% Samples positive with MON 810				% Samples positive with NK 603			
2003/2004		71,1 %		2003/2004		1,1 %	
2004/2005		78,0 %		2004/2005		31,0 %	