

Genetic modification

Eleven percent (100 samples) of this crop samples (crop samples are made up of individual deliveries) were tested for the presence of MON810 (Bt maize event) and NK603 (RUR). The limit of detection for the MON810 methodology used is 0,15 %. The highest reference standard is 2,0 % and the accuracy of results can only be guaranteed up to 2,0 %. Ninety-five percent of the samples tested positive for

MON810 with values larger than 0,15 % (LOD).

The limit of detection for the NK603 methodology used is 0,25 %. The highest reference standard is 1,8 % and the accuracy of the results can only be guaranteed up to 1,8 %. Sixty-nine percent of the samples tested positive with values larger than 0,25 % (LOD).

TABLE 20: PRESENCE OF GENETICALLY MODIFIED MAIZE (2007/2008)

REGION	RSA Final Grade	% MON810, (LOD: 0.15%)	% NK603 (Roundup Ready) (LOD: 0.25%)	REGION	RSA Final Grade	% MON810, (LOD: 0.15%)	% NK603 (Roundup Ready) (LOD: 0.25%)
10	YM1	>2	>1.8	25	YM1	0.2	<0.25
11	YM1	>2	>1.8	25	YM1	>2	>1.8
11	YM1	>2	0.3	25	YM1	>2	>1.8
11	YM1	<0.15	<0.25	26	WM1	>2	<0.25
12	WM1	>2	>1.8	26	WM1	>2	>1.8
13	WM3	0.5	<0.25	26	WM1	>2	<0.25
14	WM1	>2	<0.25	26	YM1	>2	0.4
14	WM1	>2	>1.8	26	YM1	>2	<0.25
14	YM1	>2	<0.25	27	WM1	>2	<0.25
15	WM1	>2	>1.8	27	WM1	>2	>1.8
16	WM1	>2	<0.25	28	WM1	>2	<0.25
16	WM1	>2	>1.8	28	YM1	>2	>1.8
16	YM1	0.4	<0.25	29	WM1	>2	0.6
17	WM1	>2	0.4	29	WM1	<0.15	<0.25
17	WM1	>2	>1.8	29	WM1	>2	>1.8
17	WM1	>2	>1.8	29	WM2	0.8	>1.8
17	WM1	>2	>1.8	29	WM2	<0.15	>1.8
17	YM1	>2	>1.8	29	YM1	>2	>1.8
18	WM1	1.8	<0.25	29	YM1	>2	>1.8
18	WM1	>2	>1.8	29	YM1	0.3	>1.8
18	WM1	>2	>1.8	29	YM1	>2	>1.8
18	WM1	>2	>1.8	29	YM1	1.9	>1.8
18	YM1	>2	>1.8	30	WM1	>2	<0.25
19	YM1	>2	>1.8	30	WM1	0.2	>1.8
20	WM1	>2	>1.8	30	WM1	1.1	<0.25
20	WM2	>2	>1.8	30	WM1	<0.15	<0.25
21	WM1	>2	>1.8	30	WM1	>2	>1.8
21	WM1	>2	>1.8	30	WM2	0.5	1.3
21	WM1	>2	>1.8	30	YM1	>2	>1.8
21	WM1	>2	>1.8	30	YM1	>2	0.7
21	WM1	>2	<0.25	30	YM1	>2	>1.8
22	WM1	>2	>1.8	30	YM1	>2	<0.25
22	WM1	>2	>1.8	31	YM1	0.7	>1.8
22	WM2	>2	>1.8	32	WM1	>2	<0.25
22	YM1	>2	<0.25	33	WM1	>2	>1.8
23	WM1	>2	1.3	33	WM1	>2	>1.8
23	WM1	>2	<0.25	33	WM2	0.2	>1.8
23	WM1	>2	>1.8	33	YM1	0.8	0.3
23	WM1	>2	>1.8	33	YM1	>2	1.1
23	WM1	>2	1.3	33	YM1	>2	>1.8
23	YM2	>2	>1.8	34	WM1	>2	<0.25
24	WM1	>2	>1.8	34	WM1	>2	1.7
24	WM1	>2	>1.8	34	YM2	>2	>1.8
24	WM1	>2	>1.8	35	WM1	>2	<0.25
24	WM1	>2	>1.8	35	WM1	>2	<0.25
24	WM1	>2	1.1	35	YM1	>2	<0.25
25	WM1	>2	<0.25	35	YM1	>2	>1.8
25	WM1	>2	<0.25	36	WM1	<0.15	<0.25
25	WM1	>2	<0.25	36	WM1	>2	>1.8
25	WM3	>2	<0.25	36	YM1	>2	>1.8
% Samples positive for MON810 (Bt)				% Samples positive for NK603 (RUR)			
2007/2008		95,0%		2007/2008		69,0%	
2006/2007		97,0%		2006/2007		59,0%	
2005/2006		91,0%		2005/2006		31,0%	
2004/2005		78,0%		2004/2005		31,0%	