

Genetic modification

Ten percent (90 samples) of this crop samples (crop samples are made up of individual deliveries) were tested for the presence of MON 810 (Bt maize event) and NK 603 (RUR). The limit of detection for the MON 810 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-seven percent of the samples tested positive for MON 810 with values larger than 0,15 % (LOD).

The limit of detection for the NK 603 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 %. Fifty-nine percent of the samples tested positive with values larger than 0,25 % (LOD).

TABLE 20: PRESENCE OF GENETICALLY MODIFIED MAIZE (2006/2007)

| Region | Grade | % MON810 | % RUR | Region | Grade | % MON810 | % RUR |
|---------------------------------------|---------|----------|-------|--------------------------------------|-------|----------|-------|
| 10 | YM1 | >2 | 0.3 | 23 | WM2 | >2 | >1.8 |
| 11 | YM1 | >2 | <LOD | 23 | YM1 | >2 | >1.8 |
| 11 | YM1 | >2 | <LOD | 24 | WM1 | >2 | >1.8 |
| 11 | YM1 | >2 | <LOD | 24 | WM1 | >2 | 1.5 |
| 12 | YM2 | 0.2 | >1.8 | 24 | WM3 | >2 | 0.5 |
| 12 | WM2 | >2 | 0.4 | 24 | YM1 | >2 | >1.8 |
| 12 | WM2 | >2 | 0.8 | 24 | WM1 | >2 | 0.3 |
| 13 | WM2 | >2 | <LOD | 24 | WM1 | >2 | >1.8 |
| 13 | YM1 | >2 | >1.8 | 25 | YM2 | >2 | >1.8 |
| 14 | YM1 | >2 | <LOD | 25 | WM1 | >2 | <LOD |
| 14 | WM1 | >2 | 0.3 | 25 | WM1 | >2 | <LOD |
| 14 | WM3 | >2 | <LOD | 26 | WM1 | >2 | <LOD |
| 14 | COM (Y) | 0.4 | >1.8 | 26 | YM1 | >2 | <LOD |
| 14 | WM1 | >2 | 1.2 | 26 | WM1 | >2 | <LOD |
| 14 | YM1 | >2 | >1.8 | 27 | YM1 | >2 | <LOD |
| 15 | WM1 | >2 | <LOD | 27 | YM2 | >2 | <LOD |
| 15 | WM1 | >2 | >1.8 | 28 | YM1 | 1.3 | >1.8 |
| 15 | YM1 | >2 | >1.8 | 28 | YM1 | >2 | 1.5 |
| 15 | WM1 | >2 | 0.3 | 28 | YM2 | >2 | >1.8 |
| 15 | COM (Y) | >2 | >1.8 | 28 | YM2 | >2 | <LOD |
| 16 | WM3 | <LOD | 0.3 | 29 | YM1 | >2 | <LOD |
| 17 | WM3 | >2 | <LOD | 29 | YM1 | >2 | >1.8 |
| 18 | YM1 | >2 | 1.0 | 29 | WM1 | >2 | <LOD |
| 18 | YM1 | >2 | >1.8 | 29 | WM1 | 1.1 | <LOD |
| 19 | WM1 | >2 | >1.8 | 30 | YM1 | >2 | <LOD |
| 19 | YM2 | >2 | >1.8 | 30 | YM1 | 1.5 | <LOD |
| 19 | YM1 | >2 | >1.8 | 30 | WM1 | 1.0 | 0.6 |
| 20 | WM1 | >2 | <LOD | 30 | YM2 | 1.2 | 1.3 |
| 21 | WM1 | 0.8 | >1.8 | 31 | YM1 | 0.6 | >1.8 |
| 21 | YM1 | >2 | >1.8 | 32 | YM1 | 0.5 | 1.3 |
| 21 | WM2 | >2 | <LOD | 32 | WM1 | >2 | <LOD |
| 21 | WM2 | >2 | 0.4 | 32 | YM1 | 0.4 | >1.8 |
| 22 | WM1 | >2 | >1.8 | 32 | YM1 | 0.5 | <LOD |
| 22 | WM1 | >2 | 1.6 | 32 | WM1 | >2 | <LOD |
| 22 | WM1 | >2 | >1.8 | 33 | YM1 | >2 | >1.8 |
| 23 | YM1 | >2 | 0.6 | 33 | YM1 | <LOD | <LOD |
| 23 | WM1 | >2 | 0.7 | 33 | WM1 | 0.2 | <LOD |
| 23 | WM1 | >2 | >1.8 | 33 | WM1 | <LOD | <LOD |
| 23 | WM1 | >2 | 1.7 | 34 | WM2 | >2 | <LOD |
| 23 | WM2 | >2 | <LOD | 34 | WM1 | >2 | 0.3 |
| 23 | WM1 | >2 | 1.6 | 34 | WM1 | >2 | <LOD |
| 23 | WM1 | >2 | <LOD | 35 | YM1 | >2 | <LOD |
| 23 | WM3 | >2 | <LOD | 35 | WM1 | >2 | <LOD |
| 23 | YM1 | >2 | 0.7 | 35 | YM1 | 0.4 | >1.8 |
| 23 | YM1 | >2 | <LOD | 36 | YM1 | >2 | >1.8 |
| % Samples positive for MON 810 | | | | % Samples positive for NK 603 | | | |
| 2006/2007 | | 97,0 % | | 2006/2007 | | 59,0 % | |
| 2005/2006 | | 91,0 % | | 2005/2006 | | 31,0 % | |
| 2004/2005 | | 78,0 % | | 2004/2005 | | 31,0 % | |
| 2003/2004 | | 72,2 % | | 2003/2004 | | 1,1 % | |