

# Testbiotech comment on EFSA assessment of genetically engineered maize DP4114 x MON810 x MIR604 x NK603 and subcombinations, for food and feed uses, under Regulation (EC) No 1829/2003 (application EFSA-GMO-NL-2018-150) from Pioneer

**Subtitle:** TESTBIOTECH Background 07 - 04 - 2022

The EFSA GMO panel assessed the stacked maize DP4114 x MON810 x MIR604 x NK603 derived from crossing three genetically engineered maize events (EFSA, 2022a). The parental plants were assessed by EFSA in previous opinions. The maize contains genes conferring resistance to two herbicides: glufosinate and glyphosate, and produces five insecticidal cry proteins:

- DP4114 expresses Cry1F, Cry34Ab1, Cry35Ab1 and PAT enzymes which confer resistance to glufosinate-containing herbicides;
- MON810 expresses Cry1Ab;
- MIR604 expresses mCry3A and PMI (marker gene for selection);
- NK603 expressing two variants of CP4 EPSPS protein for tolerance to glyphosate-containing herbicides.

Implementing Regulation 503/2013 was applied in the EFSA risk assessment. However, data on most of the subcombinations are missing.

**Publication year:** 2022

**File attachments:** Attachment

Size

228.08 KB



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**Themen:** [Agro-Gentechnik](#) [4]

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