
Assessment of genetically modified Maize MON 87429 for food and feed uses, under Regulation (EC) No 1829/2003 (application EFSA-GMO-NL-2019-161) by Bayer

Subtitle: TESTBIOTECH Background 18 - 12 - 2022

The GMO Panel assessed the herbicide tolerant maize MON 87429 (EFSA, 2022a). This event was developed to confer tolerance to dicamba, glufosinate, quizalofop and 2,4-D herbicides. Further, the maize expresses the CP4-EPSPS protein and utilises an endogenous maize RNAi regulatory element to suppress its expression in pollen. This results in male sterility when MON 87429 plants are exposed to glyphosate at a certain growth stage. This is part of a hybridisation system to be used in inbred lines to facilitate the production of hybrid seeds. According to the applicant, if glyphosate is applied outside specific growth stages, this does not lead to male sterile plants but will reduce plant yield.

Veröffentlichungsjahr: 2022

File attachments: Anhang

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Größe
176.87 KB

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