

Synpunkter

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Livsmedelsverket
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Synpunkter angående ansökan om marknadsgodkännande av den gen-modifierade majshybriden LY038 x Mon810 (EFSA/GMO/NL/2006/32)

The current maize is a hybrid between LY038, that is modified to produce an increased amount of the amino acid lysine in the grains, and Mon810 that is modified to confer resistance towards the European Corn Borer and pink borers.

LY038 is compositionally equivalent to traditional maize, except for the increase in lysine and two lysine-related catabolites. The amino acid lysine and its catabolites are naturally occurring and lysine is a common constituent of proteins.

Regarding the insect resistance trait, culture of the current maize hybrid demands none or limited amounts of insecticides to secure the harvest, while for culture of non-transgenic maize many farmers in the United States rely on the use of insecticides. Residues of the insecticides might constitute a problem from a food security point of view.

Furthermore, bt-resistance towards corn borers has proved to reduce the amount of mycotoxins produced by *Fusarium*.

From a technical-scientific point of view, we have no reason to question the applicants' conclusions in the technical dossier concerning the safe use of the current maize as food and feed.

För Gentekniknämnden



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