

Soybean GMB151

Organisation: The European GMO-free Citizens (De Gentechvrije Burgers)

Country: The Netherlands

Type: Others...

a. Assessment:

b. Food Safety Assessment:

4. Conclusions and recommendations

“The GMO Panel concludes that soybean GMB151 is as safe as the conventional counterpart and non-GM soybean reference varieties tested, and no post-market monitoring of food/feed is considered necessary.”

Assessment of genetically modified soybean GMB151 for food and feed uses, under Regulation (EC) No 1829/2003 (application EFSA-GMO-NL-2018-153) - - 2021 - EFSA Journal - Wiley Online Library

We do not agree with this.

Our objections to this genetically modified soybean concern the toxicity of the herbicide that will now contaminate the food chain with residues and metabolites, as a result of the genetically modified metabolism of the soya plant.

Using the herbicide really does have an impact related to the GMO, in that the herbicide is stored in the plant in the form of a acetylated product that then enters the food chain and is again de-acetylated in the gastrointestinal tract, thus releasing the herbicide again.

“Since there are no risks associated with exposure to Cry14Ab-1 protein to the general population, there is also no risk to infants and children.

Quote of MEMORANDUM SUBJECT (EPA) : Human Health Risk Assessment for GMB151 soybean expressing transgenic *Bacillus thuringiensis* Cry14Ab-1 crystal protein.”

Our comment:

Children are much more sensitive than adults!

HPPD-4 is not as innocent as you might think. We read:

Archives of Biochemistry and Biophysics

Volume 433, Issue 1, 1 January 2005, Pages 117-128

“4-Hydroxyphenylpyruvate dioxygenase

Author links open overlay panel Graham R.Moran

Quote from abstract: “In humans, deficiencies of specific enzymes of the tyrosine catabolism pathway give rise to a number of severe metabolic disorders. Interestingly, HPPD inhibitor/herbicide molecules act also as therapeutic agents for a number of debilitating and lethal inborn defects in tyrosine catabolism by preventing the accumulation of toxic metabolites.”

<https://doi.org/10.1016/j.abb.2004.08.015>

“13 Harvested seed will not be allowed for sale as commercial seed in the US, but any seed containing GMB151 may be sold as grain if not treated with a pre-plant pesticide. Quote of MEMORANDUM SUBJECT (EPA) : Human Health Risk Assessment for GMB151 soybean expressing transgenic *Bacillus thuringiensis* Cry14Ab-1 crystal protein.”

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How do we know that no ‘pre-plant pesticide’ has been used? This is impossible to find out!

We European GM-free Citizens do not want this GM soya on our plates. We want organic farming to become the principal farming method in Europe.

No authorisation for this GM crop! These objections are also raised on behalf of Stichting Ekopark in Lelystad, the Netherlands.