

Soybean MON 87705 × MON 87708 × MON 89788

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

Country: The Netherlands

Type: Others...

a. Assessment:

Molecular characterisation

b. Food Safety Assessment:

Toxicology

Glyphosate Inhibits Melanization and Increases Insect Susceptibility to Infection
Daniel F. Q. Smith, Emma Camacho, Raviraj Thakur, Alexander J. Barron, View
ORCID ProfileNichole A. Broderick, Arturo Casadevall
<https://www.biorxiv.org/content/10.1101/2020.05.20.105353v1>

Tweets from GMWatch

@GMWatchGlyphosate linked to bee deaths

<https://www.gmwatch.org/en/news/latest-news/18475> The world's most widely used weedkiller – used on over 85% of GM crops – may also be indirectly killing bees. New research from The University of Texas at Austin shows that honey bees exposed to glyphosate, the active ingredient in Roundup, lose some of the beneficial bacteria in their guts and are more susceptible to infection and death from harmful bacteria.

Published: 25 September 2018

Bayer reaches deals on - 50,000 to 85,000 (of 125,000) U.S. Roundup cancer lawsuits <https://bnnbloomberg.ca/bayer-reaches-deals-on-big-share-of-125-000-roundup-weedkiller-suits-1.1440675...> The deals, which have yet to be signed, are part of a US\$10 billion @Bayer <https://www.bnnbloomberg.ca/bayer-reaches-deals-on-big-share-of-125-000-roundup-weedkiller-suits-1.1440675> plan to end a costly legal battle. But some lawyers still holding out. #Monsanto #glyphosate

Others

We agree with the Austrian CA: I. "GENERAL REMARKS The use and cultivation of GM soybean MON87705xMON87708xMON89788 leads to changes in application management of dicamba and glyphosate. Possible future scenarios

such as import of MON87705xMON87708xMON89788 derived food/feed with elevated dicamba and glyphosate herbicide residues should therefore be considered. It should be noted that changed herbicide residue patterns in GM food and feed derived from GM plants probably will impact nutritional quality and toxicological safety."

To despair once again at the comment from the Dutch:

"The Dutch CA has assessed the dossier with respect to the environmental and the food and feed safety of MON87705 x MON87708 x MON89788 soybean and has no comments or requests for additional information in relation to the safety of this GM event. The GMO Panel thanks the Netherlands for the summary."

4. Conclusions and recommendations

We do not want this toxic genetically modified maize on our plate – nor do we want to feed it to our cattle. Comment also on behalf of the Lelystad-based Stichting Ekopark [Ecopark Foundation].

6. Labelling proposal

Label bearing a clear warning and a skull.

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Supplement to our objections and those of the Lelystad-based Stichting Ekopark (31 May 2020).

MISSION VIEJO, Calif. – Moms Across America is calling for the removal of Roundup weedkiller from the market after a troubling new study found that maternal exposure to high levels of glyphosate herbicide caused autism symptoms in young male rats. According to a study from UC Davis Comprehensive Cancer Center and Chiba University Center for Forensic Mental Health of Japan, maternal glyphosate herbicide exposure during pregnancy and lactation caused autism like-behavior and abnormal gut microbiota in male offspring. “We demand Bayer/Monsanto remove this dangerous product from the U.S. market. Studies continue to show the possible harm associated with its use. It’s disgraceful that the

company is banking on continued sales of this product as part of its profit forecast while it is paying out billions for the disease it caused,” said Zen Honeycutt, Mom Across America founder

<https://pubmed.ncbi.nlm.nih.gov/32398374/>

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b. Food Safety Assessment:

Toxicology

3-5-’20. Our second supplement to our earlier objections and those of the Lelystad-based Stichting Ekopark. 3-6-’20 via Twitter:

@GMWatch

The carcinogenic link to #glyphosate was “known to Monsanto but not shared with the scientific community in any serious way long before Mr. Johnson used the product,” Miller said, noting #Monsanto had “hid critical information from the regulators for years.” <https://www.courthousenews.com/289-million-roundup-jury-verdict-takes-center-state-on-appeal/>

GMWatch Retweeted

Jasper Teulings

@Patagorda

Today we are in EU court again to protect the bees against @Bayer 's harmful #pesticides. Bayer is contesting the EU Commission's decision, despite overwhelming scientific evidence that #neonicotinoids cause lasting damage to #insects, #bees & #biodiversity <https://www.reuters.com/article/us-eu-bayer-pesticide/eu-commission-bans-bayer-pesticide-linked-to-harming-bees-idUSKBN1ZC136>

Our Pets (and Other Animals) at Risk from Glyphosate Published: March 4th, 2020, Last Updated: April 30th, 2020. Fragment. Roundup is based on the chemical ingredient glyphosate. Glyphosate-based herbicides are the most widely used weed killers in the world. In the US they are sprayed on around 94% of soybeans, which are genetically modified to tolerate glyphosate.

https://www.gmoscience.org/our_pets_at_risk_from_glyphosate/

@GMOfreeUSA Tweet D.C. is suing Monsanto Co. and two affiliated companies, alleging they knowingly manufactured, promoted and sold toxic chemicals that polluted the Potomac River and its tributaries. 5:26 AM · Jun 2, 2020 · Twitter Web
<https://wtop.com/dc/2020/05/dcs-top-prosecutor-sues-herbicide-maker-for-decades-of-chemical-dumping/>

Tweet

@GMWatch

Mayan #beekeepers vs. Monsanto <https://theyucatantimes.com/2020/05/mayan-beekeepers-vs-monsanto-and-amlos-train/>... A new documentary reveals the negative impact of planting #GMO seeds, and the excessive use of #Monsanto pesticides, in Mayan territory 12:48 PM · Jun 1, 2020 · TweetDeck In 2012 Monsanto obtained a license to plant GM soy in their territories, with the Mennonites, so they decided to confront the authorities. This international company, which uses glyphosate, according to the World Health Organization (WHO), “is carcinogenic to humans.”

<https://www.theycatantimes.com/2020/05/mayan-beekeepers-vs-monsanto-and-amlos-train/>

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Type: Others...

a. Assessment:

5. Others

Our further supplement following on from that of 3 June 2020 and that issued by Stichting Ekopark. We follow developments closely.

You write as follows:

MON 87708, developed through Agrobacterium-mediated transformation of soybean tissues, contains a gene derived from *Stenotrophomonas maltophilia* that expresses DMO, a mono-oxygenase enzyme that rapidly demethylates dicamba rendering it inactive, thereby conferring tolerance to dicamba. EFSA SA

The US Environmental Protection Agency is cancelling the registration of the herbicide Dicamba, which was developed by Bayer, BASF and Corteva and is used in a new generation of transgenic soya beans following the failure of glyphosate-

resistant soya beans. Dicamba kills nearby crops through drift. This follows on from a court order.

Dicamba use for 2020 in question due to federal court ruling The U.S. Ninth Circuit of Appeals Court has vacated conditional registrations for Xtendimax, Engenia, and FeXapan dicamba herbicides. By Gil Gullickson 6/3/2020 "Whether farmers may legally apply dicamba formulations that match dicamba-tolerant crops including soybeans in 2020 is unclear. That's due to a federal court opinion that has vacated the Environmental Protection Agency's (EPA) 2018 conditional registration of three dicamba herbicides for use in dicamba-tolerant crops."

<https://usrtk.org/wp-content/uploads/2020/06/Court-decision-on-dicamba.pdf>
<https://www.agriculture.com/news/business/dicamba-use-for-2020-in-question-due-to-federal-court-ruling>

6. Labelling proposal

Following that opinion ...

The US Environmental Protection Agency is cancelling the registration of the herbicide Dicamba, which was developed by Bayer, BASF and Corteva and is used in a new generation of transgenic soya beans following the failure of glyphosate-resistant soya beans. Dicamba kills nearby crops through drift. This follows on from a court order.

... it is no longer possible – and also ethically irresponsible – to bring these GM soya beans on to the EU market. Should you nonetheless place the residues of those beans on the market, you run the risk of creating health problems throughout the EU. So do not authorise them!

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17-6-2020: Follow-up to our previous objections and those issued by the Leleystad-based Stichting Ekopark.

‘We’ve got it everywhere’: Dicamba damaging trees across Midwest and South By Johnathan Hettinger/Midwest Center for Investigative Reporting June 16, 2020.

Forest health experts said trees are being damaged from Indiana to Kansas, from North Dakota to Arkansas. Cupped up leaves, the most easily recognized symptom, can be seen in towns miles away from agricultural fields, as well as in nature preserves and state parks set aside as refuges for wildlife, MORE and source: <https://investigatamidwest.org/2020/06/16/weve-got-it-everywhere-dicamba-damaging-trees-across-midwest-and-south/>

Others

Reuters: Business News June 17, 2020 / 12:57 AM / Updated 18 hours ago Bayer scraps U.S. plans to produce crop chemical blocked by court

CHICAGO (Reuters) - Bayer AG said on Tuesday it will scrap a nearly \$1 billion project to produce the chemical dicamba in the United States, but said the move is unrelated to a federal court decision that blocked sales of weed killers based on the product.

Reporting by Tom Polansek; Editing by Leslie Adler.
<https://www.reuters.com/article/us-bayer-dicamba-plant-idUSKBN23N3I4>

Via Twitter 1:21 PM · Jun 4, 2020

@GMOFreeUSA

It's a good thing the court has seen through Bayer-Monsanto's propaganda and deceit, and has recognized EPA's collusion with the agrichemical industry. Do your job, EPA: Ban Dicamba!

<https://www.sfchronicle.com/nation/article/Federal-court-in-SF-tells-EPA-to-revoke-approval-15315636.php>

READ the court ruling here:
<https://cdn.ca9.uscourts.gov/datastore/opinions/2020/06/03/19-70115.pdf>
