

# Maize 1507 x MON 810 x MIR162 x NK603

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**Organisation: The European GMO-free Citizens De Gentechvrije Burgers**

**Country: The Netherlands**

**Type: Others...**

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## **a. Assessment:**

### **4. Conclusions and recommendations**

Toxic, toxic, toxic. For years, the European GMO-free Citizens have resolutely maintained that GM crops are toxic. Undeterred, you have stuck to your story that this crop is the same as the “normal” one. That was never the case. When will you finally live up to your responsibility and ban these rotten, poisonous crops from the European market? We are also writing on behalf of Stichting Ekopark, Lelystad, which shares our objections. This genetically modified maize must be removed from the EU market.

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## **5. Others**

Toen ook al

GMWatch via Twitter. Brazil's National Cancer Institute names GM crops as cause of massive pesticide use <https://www.gmwatch.org/en/news/latest-news/16067> gmwatch.org  
Brazil's National Cancer Institute names GM crops as cause of massive pesticide use Details  
Published 09 April 2015 After the WHO's classification of glyphosate as a “probable carcinogen” Brazil's cancer institute condemns GM crops for placing the country in the top ranking globally for pesticide consumption.  
<http://www.biodiversidadla.org/Recomendamos/La-relacion-entre-el-glifosato-y-el-cancer-el-informe-argentino-del-Instituto-Nacional-del-Cancer> Claire Robinson reports

The links between glyphosate and cancer - report from Argentina's National Cancer Institute. Biodiversity in Latin America (biodiversidadla.org). The links between glyphosate and cancer - report from Argentina's National Cancer Institute. By Marcos Filardi and Claudio Lowy. Fragment ‘CANCER IN HUMANS. There is limited evidence of the carcinogenicity of glyphosate in humans. A positive association has been observed for the risk of non-Hodgkin's lymphoma and exposure to glyphosate. CANCER IN ANIMAL TESTING. There is sufficient evidence of the carcinogenicity of glyphosate in laboratory animals.’

Country: Argentina 28 January 2021 GMWatch

Argentinas National Cancer Institute confirms glyphosate is a probable carcinogen  
<http://biodiversidadla.org/Recomendamos/La-relacion-entre-el-glifosato-y-el-cancer-el->

informe-argentino-del-Instituto-Nacional-del-Cancer... Important because since GMO crops came along Argentina has become the largest consumer of glyphosate per population on the planet

Moms Across America According to a new study we have not even begun to see the true impact of glyphosate. This new study by Kubsad et al published in Scientific Reports shows that glyphosate alone not the surfactants impacts the germline of the fetus in female rats. The germline means the sperm and eggs inside the fetus which will ultimately become the fetuses' offspring. The sperm and eggs are harmed by glyphosate affecting the health and viability of future generations.<https://www.nature.com/articles/s41598-019-42860-0> Assessment of Glyphosate Induced Epigenetic Transgenerational Inheritance of Pathologies and Sperm Epimutations Generational Toxicology Scientific Reports nature.com • Article • Open Access • Published 23 April 2019 Assessment of Glyphosate Induced Epigenetic Transgenerational Inheritance of Pathologies and Sperm Epimutations Generational Toxicology • Deepika Kubsad • Eric E. Nilsson • Stephanie E. King • Ingrid Sadler-Riggleman • Daniel Beck • Michael K. Skinner GMO Free USA 1u • “Independent Egyptian scientists have found that Bayer-Monsantos GMO Bt toxic corn is NOT substantially equivalent to its Non-GMO parent. While Monsanto claims there is no evidence of toxicity in their voluntary safety assessments these independent scientists will tell you otherwise. By the 91st day of their studies they found evidence of kidney liver intestinal toxicity as well as male infertility. And an investigation by Testbiotech found that Monsanto's own data from 30 years ago revealed that Bt proteins expressed in genetically modified plants are significantly more toxic than natural Bt toxins.”

Morphological and Biochemical Changes in Male Rats Fed on Genetically Modified Corn  
Ajeeb YG Journal of American Science 2012

Adel shatta

Ahmed Rayan Histopathological Changes in Some Organs of Male Rats Fed on Genetically Modified Corn Ajeeb YG Marsland Press 2012

Ahmed Rayan

READPDF Morphological and Biochemical Changes in Male Rats Fed on Genetically Modified Corn Ajeeb YG Adel shatta - Academia.edu  
[https://www.academia.edu/3138607/Morphological\\_and\\_Biochemical\\_Changes\\_in\\_Male\\_Rats\\_Fed\\_on\\_Genetically\\_Modified\\_Corn\\_Ajeeb\\_YG\\_fbclidIwAR1AgiMWdRhS0p9JRSyRp9NUQXmGm7j1pz360pXbcV-yEWJ45ZiUva4LJI](https://www.academia.edu/3138607/Morphological_and_Biochemical_Changes_in_Male_Rats_Fed_on_Genetically_Modified_Corn_Ajeeb_YG_fbclidIwAR1AgiMWdRhS0p9JRSyRp9NUQXmGm7j1pz360pXbcV-yEWJ45ZiUva4LJI)

READ PDF Histopathological Changes in Some Organs of Male Rats Fed on Genetically Modified Corn Ajeeb YG Ahmed Rayan - Academia.edu  
[https://www.academia.edu/3405345/Histopathological\\_Changes\\_in\\_Some\\_Organs\\_of\\_Male\\_Rats\\_Fed\\_on\\_Genetically\\_Modified\\_Corn\\_Ajeeb\\_YG\\_fbclidIwAR3H251MrJKb7EmWax\\_15UyTjxhUkBJRIDGqWfCmVcMVILJfBUTGbXYHNa4](https://www.academia.edu/3405345/Histopathological_Changes_in_Some_Organs_of_Male_Rats_Fed_on_Genetically_Modified_Corn_Ajeeb_YG_fbclidIwAR3H251MrJKb7EmWax_15UyTjxhUkBJRIDGqWfCmVcMVILJfBUTGbXYHNa4)

READ Are GM plants with Bt toxins 20 times more toxic than previously known  
gmwatch.org <https://gmwatch.org/en/news/archive/2020-articles/19632-are-gm-plants-with-bt-toxins-20-times-more-toxic-than-previously->

knownfbclidIwAR0o11oHEy6BDptpH0IsM3ET0eiwQk5PEQjEueGuQSI\_T2gZi56ORp2MtNQ

Glyphosate and Roundup disturb gut microbiome and blood biochemistry at doses that regulators claim to be safe gmwatch.org New study reveals evidence for potential cancer-causing damage. Report Claire Robinson Glyphosate and the glyphosate-based herbicide Roundup disrupt the gut microbiome by the same mechanism by which the chemical acts as a weedkiller and these effects happen even at low doses that regulators claim to be safe a newly published study has found.1 <https://www.gmwatch.org/en/news/latest-news/19677-glyphosate-and-roundup-disturb-gut-microbiome-and-blood-biochemistry-at-doses-that-regulators-claim-to-be-safe>

Use of Shotgun Metagenomics and Metabolomics to Evaluate the Impact of Glyphosate or Roundup MON 52276 on the Gut Microbiota and Serum Metabolome of Sprague-Dawley Rats nih.gov

Use of Shotgun Metagenomics and Metabolomics to Evaluate the Impact of Glyphosate or Roundup MON 52276 on the Gut Microbiota and Serum Metabolome of Sprague-Dawley Rats Robin Mesnage<sup>1</sup> Maxime Teixeira<sup>2</sup> Daniele Mandrioli<sup>3</sup> Laura Falcioni<sup>3</sup> Quinten Raymond Ducarmon<sup>4</sup> Romy Daniëlle Zwiittink<sup>4</sup> Francesca Mazzacuva<sup>5</sup> Anna Caldwell<sup>5</sup> John Halket<sup>5</sup> Caroline Amiel<sup>2</sup> Jean-Michel Panoff<sup>2</sup> Fiorella Belpoggi<sup>3</sup> and Michael Nicolas Antoniou<sup>1</sup> <https://ehp.niehs.nih.gov/doi/pdf/10.1289/EHP6990>

GMWatch Are GM plants with Bt toxins 20 times more toxic than previously known Details Published 21 December 2020 EFSA has for decades ignored crucial data from Monsanto

Data from Monsanto revealed that Bt proteins expressed in genetically modified GM plants are significantly more toxic than natural Bt toxins reports Testbiotech. It is more than 30 years ago since in 1990 Monsanto data first showed that if mixed with plant material from e.g. soybeans cotton and maize toxicity could be up to 20 times higher. This is due to enzymes naturally present in the tissues of many crop plants.

Further information

The Monsanto publication <https://pubs.acs.org/doi/10.1021/jf00094a051>

Recent information on the pending approval processes <https://www.testbiotech.org/en/news/eu-close-approving-new-ge-plants>

Source Testbiotech <https://www.testbiotech.org/en/press-release/are-ge-plants-bt-toxins-20-times-more-toxic-previously-known> Others Resistance Through resistance the herbicide accumulates in plants in the form of an acetylated product from which the herbicide is subsequently released into the gastrointestinal tract of warmblooded animals. This has been demonstrated in the case of rats chickens and goats used as test animals by M.N. Huang et al Metabolism of 14 C Glufosinate and in 14 C—N-Acetyl Glufosinate in lactating goats and laying hens – Agrevo Frankfurt whereby the herbicide also enters the human food chain – with all the consequences that that entails. Source Eijsten and Van der Meulen also see page 15 20 21 26 30 and 31 in this book <https://www.gentechvrij.nl/2020/11/27/book-eijsten/> . This must be assessed with certainty in your EFSA comment. For the EFSA to write that it is not its job to assess this is fallacious we are dealing here with processes taking place within

plants. Glyphosate residue is also present in this glyphosate-resistant genetically modified Soybean DAS-81419-2 x DAS-44406-6 as a protein adduct. Here too the herbicide is released in the intestinal tract. We are not talking in general about herbicide residues but highly specifically about the residues of herbicides to which crops have been made resistant and highly specifically about the properties of the particular residues and highly specifically about the mechanisms that enable these herbicide residues to enter the food chain. And hence we find the proposal inconceivable. <https://sustainablepulse.com/2019/12/30/togos-agriculture-minister-announces-total-ban-on-glyphosate-herbicides/> Togos Agriculture Minister Announces Total Ban on Glyphosate Herbicides - Sustainable Pulse

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