

## Biosafety Clearing-House (BCH)

COUNTRY'S DECISION OR ANY OTHER COMMUNICATION (DEC)

BCH-DEC-EUR-116069-1

LAST UPDATED: 01 JUN 2021

### Amendment

Is this an amendment to a decision or communication already published on the BCH?

No

### General information

Country

European Union

PARTY TO THE CARTAGENA PROTOCOL ON BIOSAFETY

ENTRY INTO FORCE: 11 SEP 2003

Competent National Authority(ies) responsible for the decision or communication

- **COMPETENT NATIONAL AUTHORITY:** BCH-CNA-EUR-49387-10 | [BCH-CNA-EUR-49387-10](#)

#### COMPETENT NATIONAL AUTHORITY

European Commission - Health and Food Safety Directorate General SANTE

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Website: [http://ec.europa.eu/dgs/health\\_food-safety/index\\_en.htm](http://ec.europa.eu/dgs/health_food-safety/index_en.htm)

Title / Reference number of the decision or communication

Commission Implementing Decision (EU) 2021/60 of 22 January 2021 authorising the placing on the market of products containing, consisting of or produced from genetically modified maize MON 87427 × MON 89034 × MIR162 × NK603 and genetically modified maize combining two or three of the single events MON 87427, MON 89034, MIR162 and NK603, and repealing Implementing Decision (EU) 2018/1111 pursuant to Regulation (EC) No 1829/2003 of the European Parliament and of the Council

EN

Date of the decision

22 Jan 2021

Is the decision taken prior to entry into force of the Protocol?

No

## Subject of the decision, notification, communication or declaration

Decision on LMOs for direct use as food or feed, or for processing (Article 11, LMOs-FFP)

## LMOs for direct use as food or feed, or for processing (LMOs-FFP)

Use(s) of LMO

LMOs for direct use as food  
LMOs for direct use as feed  
LMOs for processing

Has the decision been taken in the absence of a domestic regulatory framework and in accordance with Article 11.6?

No

## Result of the decision

Result of the decision

Approval of the import and/or use of the LMO(s) without conditions

## Information sharing with other databases

Is this decision related to an LMO for commercial use?

No

Should this decision be forwarded to the OECD Secretariat for possible inclusion in the [BioTrack Product Database](#)?

No

Is this decision related to food safety?

No

Was it conducted in accordance with the Codex Alimentarius *Guideline for the Conduct of Food Safety Assessment of Foods Derived from Recombinant-DNA Plants*?

No

Should this information be forwarded to the Secretariat of the [FAO GM Foods Platform](#)?

No

## LMO identification & risk assessment

LMO identification

[BCH-LMO-SCBD-110488-1](#) LIVING MODIFIED ORGANISM | MON-87427-7 X MON-89Ø34-3 X SYN-IR162-4  
X MON-ØØ6Ø3-6 - INSECT RESISTANT HERBICIDE TOLERANT CORN |

Mannose tolerance Resistance to diseases and pests - Insects - Lepidoptera (butterflies and moths) Resistance to herbicides - Glyphosate Selectable marker genes and reporter genes

**BCH-LMO-SCBD-115665-5** LIVING MODIFIED ORGANISM | MON-87427-7 × MON-89034-3 × SYN-IR162-4 - HERBICIDE TOLERANT, INSECT RESISTANT MAIZE |

Mannose tolerance Resistance to diseases and pests - Insects - Lepidoptera (butterflies and moths) Resistance to herbicides - Glyphosate Selectable marker genes and reporter genes

**BCH-LMO-SCBD-114160-3** LIVING MODIFIED ORGANISM | MON-87427-7 × MON-00603-6 - GLYPHOSATE TOLERANT MAIZE |

Resistance to herbicides - Glyphosate

**BCH-LMO-SCBD-105692-1** LIVING MODIFIED ORGANISM | MON-87427-7 X MON-89034-3 X MON-00603-6 - INSECT RESISTANT HERBICIDE TOLERANT CORN |

Resistance to diseases and pests - Insects - Lepidoptera (butterflies and moths) Resistance to herbicides - Glyphosate

**BCH-LMO-SCBD-112647-1** LIVING MODIFIED ORGANISM | MON-87427-7 X MON-89034-3 - INSECT RESISTANT HERBICIDE TOLERANT MAIZE |

Resistance to diseases and pests - Insects - Lepidoptera (butterflies and moths) Resistance to herbicides - Glyphosate

**BCH-LMO-SCBD-115666-2** LIVING MODIFIED ORGANISM | MON-87427-7 × SYN-IR162-4 × MON-00603-6 - GLYPHOSATE TOLERANT, LEPIDOPTERA RESISTANT MAIZE |

Mannose tolerance Resistance to diseases and pests - Insects - Lepidoptera (butterflies and moths) Resistance to herbicides - Glyphosate Selectable marker genes and reporter genes

**BCH-LMO-SCBD-115663-4** LIVING MODIFIED ORGANISM | MON-87427-7 × SYN-IR162-4 - HERBICIDE TOLERANT, INSECT RESISTANT MAIZE |

Bayer CropScience Mannose tolerance Resistance to diseases and pests - Insects - Lepidoptera (butterflies and moths) Resistance to herbicides - Glyphosate Selectable marker genes and reporter genes

**BCH-LMO-SCBD-115664-1** LIVING MODIFIED ORGANISM | MON-89034-3 X SYN-IR162-4 - INSECT RESISTANT MAIZE |

Bayer CropScience Mannose tolerance Resistance to diseases and pests - Insects - Lepidoptera (butterflies and moths) Selectable marker genes and reporter genes

**BCH-LMO-SCBD-46305-16** LIVING MODIFIED ORGANISM | MON-89034-3 X MON-00603-6 - GENUITY® VT DOUBLE PRO™ MAIZE |

Monsanto Europe S.A. | Resistance to antibiotics (Kanamycin), Resistance to diseases and pests (Insects, Lepidoptera (butterflies and moths)), Resistance to herbicides (Glyphosate)

**BCH-LMO-SCBD-115667-1** LIVING MODIFIED ORGANISM | MON-89034-3 × SYN-IR162-4 × MON-00603-6 - HERBICIDE TOLERANT, INSECT RESISTANT MAIZE |

Mannose tolerance Resistance to diseases and pests - Insects - Lepidoptera (butterflies and moths) Resistance to herbicides - Glyphosate Selectable marker genes and reporter genes

**BCH-LMO-SCBD-112129-1** LIVING MODIFIED ORGANISM | SYN-IR162-4 X MON-00603-6 - INSECT RESISTANT, HERBICIDE TOLERANT MAIZE |

Dr. Wendelyn Jones | Resistance to diseases and pests (Insects, Lepidoptera (butterflies and moths)), Resistance to herbicides (Glyphosate), Selectable marker genes and reporter genes

## Risk assessment

**BCH-RA-EUR-116068-1** RISK ASSESSMENT GENERATED BY A REGULATORY PROCESS | ASSESSMENT OF GENETICALLY MODIFIED MAIZE MON 87427 × MON 89034 × MIR162 × NK603 AND SUBCOMBINATIONS, FOR FOOD AND FEED USES, UNDER REGULATION (EC) NO 1829/2003 (APPLICATION EFSA-GMO-NL-2016-131) |

MON-87427-7 x MON-89034-3 x SYN-IR162-4 x MON-00603-6 - Insect resistant Herbicide tolerant Corn Mannose tolerance Resistance to diseases and pests - Insects - Lepidoptera (butterflies and moths) Resistance to herbicides - Glyphosate Selectable marker genes and reporter genes MON-87427-7 x MON-89034-3 x SYN-IR162-4 - Herbicide tolerant, insect resistant maize Mannose tolerance Resistance to diseases and pests - Insects - Lepidoptera (butterflies and moths) Resistance to herbicides - Glyphosate Selectable marker genes and reporter genes MON-87427-7 x MON-00603-6 - Glyphosate tolerant maize Resistance to herbicides - Glyphosate MON-87427-7 x MON-89034-3 x MON-00603-6 - Insect resistant Herbicide tolerant Corn Resistance to diseases and pests - Insects - Lepidoptera (butterflies and moths) Resistance to herbicides - Glyphosate MON-87427-7 x MON-89034-3 - Insect resistant Herbicide tolerant Maize Resistance to diseases and pests - Insects - Lepidoptera (butterflies and moths) Resistance to herbicides - Glyphosate MON-87427-7 x SYN-IR162-4 x MON-00603-6 - Glyphosate tolerant, Lepidoptera resistant maize Mannose tolerance Resistance to diseases and pests - Insects - Lepidoptera (butterflies and moths) Resistance to herbicides - Glyphosate Selectable marker genes and reporter genes MON-87427-7 x SYN-IR162-4 - Herbicide tolerant, Insect resistant maize Bayer CropScience Mannose tolerance Resistance to diseases and pests - Insects - Lepidoptera (butterflies and moths) Resistance to herbicides - Glyphosate Selectable marker genes and reporter genes MON-89034-3 x SYN-IR162-4 x MON-00603-6 - Herbicide tolerant, insect resistant maize Mannose tolerance Resistance to diseases and pests - Insects - Lepidoptera (butterflies and moths) Resistance to herbicides - Glyphosate Selectable marker genes and reporter genes MON-89034-3 x MON-00603-6 - Genuity® VT Double Pro™ Maize Resistance to antibiotics - Kanamycin Resistance to diseases and pests - Insects - Lepidoptera (butterflies and moths) Resistance to herbicides - Glyphosate MON-89034-3 x SYN-IR162-4 - Insect resistant maize Bayer CropScience Mannose tolerance Resistance to diseases and pests - Insects - Lepidoptera (butterflies and moths) Selectable marker genes and reporter genes SYN-IR162-4 x MON-00603-6 - Insect resistant, herbicide tolerant maize Mannose tolerance Resistance to diseases and pests - Insects - Lepidoptera (butterflies and moths) Resistance to herbicides - Glyphosate Selectable marker genes and reporter genes

## Document on the decision, communication, notification or declaration

- ? [EUR-Lex \( English \)](#)
- ? [EU Decision 2021/60 \( English \)](#)
- ? [EU register of GM Food and Feed \( English \)](#)

## Additional Information

Detection methods for the maize MON 87427 x MON 89034 x MIR162 x NK603 respectively validated and verified by the European Union Reference Laboratory for GM Food and Feed (EURL GMFF) available at <http://gmo-crl.jrc.ec.europa.eu/StatusOfDossiers.aspx>

Other relevant website addresses and/or attached documents

- ? [EURL GMFF \( English \)](#)
- ? [GMOMETHODS \( English \)](#)
- ? [EU Register of GM Food and Feed \( English \)](#)
- ? [EU Detection Method maize MIR162.pdf \( English \)](#)
- ? [EU Detection Method maize MON 87427.pdf \( English \)](#)
- ? [EU Detection Method maize MON 89034.pdf \( English \)](#)

? [EU Detection Method maize NK603.pdf](#) ( *English* )

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## Further Information

Questions about the Cartagena Protocol on Biosafety or the operation of the Biosafety Clearing-House may be directed to the Secretariat of the Convention on Biological Diversity.

**Secretariat of the Convention  
on Biological Diversity**

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