

# Effective use of data on the FAO GM Foods Platform: Malaysia



3<sup>rd</sup> FAO/CBD/OECD Webinar - 9 December 2015

Food and Agriculture  
Organization of the  
United Nations  
*for a world without hunger*

## FAO GM Foods Platform

Welcome to the FAO GM Foods Platform

*A platform for all*

The FAO GM Foods Platform is a simple online platform to share information on safety assessment of foods derived from recombinant-DNA plants authorized in accordance with the Codex "Guideline for the conduct of food safety assessment of foods derived from recombinant-DNA plants (CAC/GL 45-2003, annex III adopted in 2008)". This Platform also facilitates the effective utilization of food safety assessment in situations of Low Level Presence (LLP) of r-DNA plant materials in food.

*How it works*

The FAO GM Foods Platform is freely accessible for those who want to browse the information. Registration is required for those who need to upload information. Only officially nominated Focal Points can register to the Platform.

One Focal Point per Codex Member is officially nominated by the respective country through its Codex Contact Point. The nominated Focal Point is then invited to register to the Platform. Once his/her registration has been approved, the Focal Point can start uploading the relevant national data and information to the Platform. All the entries will be reviewed by FAO before they will be online.

A monthly newsletter that highlights the latest developments is circulated among Focal Points. The latest version can be found [here](#).

Report of the side event to the 38th session of Codex Alimentarius Commission "FAO GM Foods Platform: recent progress and future direction" is now available.

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**Dr. Anita Anthonymsamy,**  
Research Officer, FAO  
GM Foods Platform  
Focal Point for Malaysia  
&

**Mr. Johnny Andrew,**  
former BCH Focal Point  
Malaysia  
Department of Biosafety  
Malaysia



# Brows by country – how to find Malaysia's page

OECD Unique Identifier  
Commodity  
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**Browse information by country**

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- North America and South West Pacific region - CCNASWP

# Information/data found on Malaysia's page

- Our list of approved decisions on GM Food commodities
- Contact information of competent authority
- Information about national biosafety regulations
- Relevant links – CBD BCH and Malaysia BCH
- Contact details
- Date of last modified information

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## FAO GM Foods Platform

Browse information by Country > Malaysia

OECD Unique Identifier	Commodity	Traits	Last entry uploaded on
ACS-GM005-3	Soyabean / Soybeans	Glufosinate tolerance	18/12/2013
ACS-GM006-4	Soyabean / Soybeans	Glufosinate tolerance	25/11/2014
ACS-ZM003-2	Corn / Maize	Glufosinate tolerance	18/12/2013
BPS-CV127-9	Soyabean / Soybeans	Imidazolinone tolerance	18/12/2013
DAS-Q1507-1	Corn / Maize	Glufosinate tolerance, Lepidoptera resistance	18/12/2013
MON-89017-3	Corn / Maize	Coleoptera resistance, Glyphosate tolerance	13/05/2015
MON-89788-1	Soyabean / Soybeans	Glyphosate tolerance	13/05/2015
MON-89034-3	Corn / Maize	Lepidoptera resistance	13/05/2015
MON-04032-6	Soyabean / Soybeans	Glyphosate tolerance	18/12/2013
MON-020603-6	Corn / Maize	Glyphosate tolerance	18/12/2013

Contact Information

**E-mail:** biosafety@mre.gov.my

**Country:** Malaysia

**Organization/agency name (Full name):** Department of Biosafety Malaysia

**Contact person name:** Dr. Anita Anthonysemy

**Website:** http://www.biosafety.mre.gov.my

**Physical full address:** Dept of Biosafety, Ministry of Natural Resources and Environment, Level 1, Podium 2, Wisma Sumber Asli, No. 25, Persiaran Perdana, Precinct 4, 62574 Putrajaya

**Phone number:** +60388661153

**Fax number:** +60388604935

Country Information about GM food safety assessment


**Introduction national biosafety regulations:** GM food safety assessment is a requirement by law under the Biosafety Act 2007 in Malaysia. The National Biosafety Board reviews and makes decisions on events based on a scientific/technical risk assessment, policy considerations as well as public input. The decisions and its related documents made are publicly available through the Malaysian Department of Biosafety Website and the Convention of Biological Diversity Biosafety Clearing House.

**Relevant links to documents and information prepared by the competent authority responsible for the safety assessment:** Malaysian Biosafety Clearing House  
CBD Biosafety Clearing House

**Relevant documents:**

# Example: Approval for MON88017 corn

- Applicant
- Date and scope of authorization
- Information website links
- Decision – general summary of application, decision and terms and conditions are found in the National Biosafety Board Decision Document

Malaysia	
Name of product applicant:	Monsanto Malaysia Sdn. Bhd.
Summary of application:	Please refer to uploaded document.
Upload:	 <a href="#">NBB Decision_Monsanto_MON88017_Final.pdf</a>
Date of authorization:	30/04/2015
Scope of authorization:	Food and feed
Links to the information on the same product in other databases maintained by relevant international organizations, as appropriate. (We recommend providing links to only those databases to which your country has officially contributed.):	<a href="#">Malaysia Biosafety Clearing House</a> <a href="#">CBD Biosafety Clearing House</a>



# More detailed information

## Example: Approval for MON88017 corn

### **NATIONAL BIOSAFETY BOARD DECISION**

**APPLICATION FOR APPROVAL FOR IMPORT FOR RELEASE OF  
PRODUCTS OF MON88017 CORN FOR SUPPLY OR OFFER TO  
SUPPLY FOR SALE OR PLACING IN THE MARKET**

**NBB REF. NO: JBK(S) 602-1/1/19  
APPLICANT: MONSANTO MALAYSIA SDN BHD  
DATE OF DECISION: 30 APRIL 2015**

The National Biosafety Board (NBB) on the 30 April 2015 granted approval with terms and conditions to an application from Monsanto Malaysia Sdn. Bhd. for release activities of Corn Rootworm-Protected and Glyphosate-Tolerant Corn MON88017.

This approval permits the import for release of products of MON88017 corn for supply or offer to supply for sale or placing in the market. The product is aimed only for the purpose of food, feed and processing (FFP) and is not to be used as planting material.



# More detailed information

## Example: Approval for MON88017 corn

- Summary of food safety (risk) assessment – links to the GMAC Risk Assessment Report that the decision is based on and contains:
  - Background of application
  - Risk Assessment and Risk Management Plan
  - Proposed terms and conditions
  - Other regulatory considerations
  - Identification of issues for long term use
  - Conclusion
  - Bibliography
  - Identification of GMAC members involved

# More detailed information

## Example: Approval for MON88017 corn

<p>Links to the information on the same product in other databases maintained by relevant international organizations, as appropriate. (We recommend providing links to only those databases to which your country has officially contributed.):</p>	<p>Malaysia Biosafety Clearing House CBD Biosafety Clearing House</p>
<p>Summary of the safety assessment (food safety):</p>	<p>Please refer to uploaded document.</p>
<p>Upload:</p>	<p> <a href="#">GMAC RA Report MON 88017 BCH Final.pdf</a></p>
<p>Where detection method protocols and appropriate reference material (non-viable, or in certain circumstances, viable) suitable for low-level situation may be obtained:</p>	
<p>Relevant links to documents and information prepared by the competent authority responsible for the safety assessment:</p>	
<p>Upload:</p>	
<p>Authorization expiration date (a blank field means there is no expiration date)</p>	

**RISK ASSESSMENT REPORT  
OF THE GENETIC MODIFICATION  
ADVISORY COMMITTEE (GMAC)**

***FOR***

**AN APPLICATION FOR APPROVAL FOR RELEASE  
OF PRODUCTS OF MON 88017 FOR SUPPLY OR  
OFFER TO SUPPLY**

**NBB REF NO: JBK(S) 602-1/1/19**

**APPLICANT: MONSANTO MALAYSIA SDN. BHD.**

**DATE SUBMITTED: 9 APRIL 2015**



# Identification of hazards for the safety assessment of MON88017 corn to be used for food, feed and processing

## (i) Effects on human health

Relevant scientific publications on corn were reviewed for potential human health risks and issues pertaining to acute toxicity of novel protein / altering / interference of metabolic pathways, potential allergenicity of the novel protein, production of proteins or metabolites with mutagenic / teratogenic / carcinogenic effects, reproductive toxicity, potential transfer of antibiotic resistance genes in digestive tract, pathogenic potential of donor microorganisms and nutritional equivalence.

## (ii) Effects on animal health

Issues pertaining to allergenicity, toxicity and compromised nutritional content.

## (iii) Effects on the environment

Issues pertaining to accidental release of seeds, unintentional release and planting, potential of transgenes being transferred to bacteria, weediness, cross pollination leading to transfer of transgenes, toxic effect on non-target organisms were examined.

# Effective use of the database

- Provides information on all the GM food commodities that are approved in Malaysia
- Provides public accessibility to information about the GM events
- Technical risk assessments associated with the GM food commodities are available for reference
- Identification of the competent authority in Malaysia for making decisions on GM food