

Experience in using the Biosafety Clearing-House (BCH) of the Cartagena Protocol

- Japan -



Welcome to the BCH Central Portal

The Biosafety Clearing-House (BCH) is a mechanism set up by the Cartagena Protocol on Biosafety to facilitate the exchange of information on Living Modified Organisms (LMOs) and assist the Parties to better comply with their obligations under the Protocol. Global access to a variety of scientific, technical, environmental, legal and capacity building information is provided in the six official languages of the UN.

BCH account holders can create and manage records in the BCH by signing in through the [Management Centre](#) (*Registering Information*) section.

Latest news

- 2015-10-06 Uruguay - Taller 6: Coexistencia entre diferentes Sistemas de Producción. Proyecto FAO TCP/URU/3403: "Fortalecimiento de la capacidad nacional en bioseguridad de la biotecnología para la producción agrícola sustentable"...
 - 2015-09-29 Belarus - Republican Scientific & Practical Workshop "GMO Detection in the Republic of Belarus"...
 - 2015-09-18 Senegal - Atelier de partage du rapport 2014 de l'International Service for the Acquisition of Agri-Biotech Applications (ISAAA), Dakar 18 septembre 2015...
 - 2015-09-14 Senegal - Atelier d'information et de sensibilisation des députés et membres du Conseil Economique, Social et Environnemental du Sénégal...
 - 2015-09-14 Perú - Centro de Investigaciones de Zonas Áridas de la Universidad Nacional Agraria La Molina (CIZA-UNALM) realizó el Primer Simposio Latinoamericano "Domesticación y Manejo de Recursos Genéticos"...
 - 2015-07-15 Mexico - "Primera Reunión de la Secretaría Ejecutiva de la CIBIOGEM con Investigadores del Occidente"...
 - 2015-07-15 Mexico - Sexto Día de Puertas Abiertas de la CIBIOGEM- 10 años en el camino de la Bioseguridad de los OGMs...
 - 2015-06-23 Iran (Islamic Republic of) - A Biosafety meeting held by the Secretariat of Ministry of Health and Medical Education Biosafety Committee...
- [More news...](#)

Latest Additions [More additions...]

- 2015-10-13 Italy - National Focal Point
- 2015-10-13 Iran (Islamic Republic of) - Risk Assessment
- 2015-10-12 Viet Nam - Country's Decision or any other Communication
- 2015-10-12 Viet Nam - Country's Decision or any other Communication
- 2015-10-12 Viet Nam - Country's Decision or any other Communication

Latest updates

- 2015-10-13 Cook Islands - National Focal Point
- 2015-10-13 Mexico - Risk Assessment
- 2015-10-13 Italy - Competent National Authority
- 2015-10-13 Iran (Islamic Republic of) - Competent National Authority
- 2015-10-12 Viet Nam - Risk Assessment

Biodiversity for Sustainable Development
PYONGCHANG, KOREA 2014
COP-MOP 7
29 Sep - 3 Oct 2014
Final Report:
[Ar](#) | [En](#) | [Es](#) | [Fr](#) | [Ru](#) | [Zh](#)
[Webpage](#) | [Documents](#)

AHTEG on Synthetic Biology **NEW**

Preparatory processes & milestones towards COP-MOP-8 **NEW**

Third National Report (2015) NFPs & NAUs **NEW**

Associate Director
Ms. Ayako Yoshio



Plant Product Safety
Division,
Ministry of Agriculture,
Forestry and Fisheries

How to find the Japan's page

Country profiles...

The screenshot shows the website's navigation menu with several red annotations. A red box highlights the 'Country Profiles...' link in the top right. A red arrow points from this link to a red-bordered box containing a list of countries: Afghanistan, Albania, Algeria, ..., Italy, Jamaica, Japan, Jordan, ..., Zambia, Zimbabwe. The word 'Japan' in this list is circled in red. In the left sidebar, the 'Parties' link is circled in blue, and the 'List of Parties' sub-link is also circled in blue.

Home The BCH The Protocol Finding Information Registering Information Resources Help

Country Profiles...

Afgahnistan
Albania
Algeria
...
Italy
Jamaica
Japan
Jordan
...
Zambia
Zimbabwe

Parties
List of Parties
Becoming a Party
National Contacts
National Reports

Q&A Questions Third Natio

Available information /data on the page

The screenshot shows the website interface for the Cartagena Protocol. The top navigation bar includes links for Home, The BCH, The Protocol, Finding Information, and Registering In. The main content area is titled 'Country Profile' and includes sections for 'Profile information and status' and 'Type of document'. The 'Type of document' section lists various categories with checkboxes and counts, including 'Risk Assessment' which is circled in red. The 'Parties' section includes a list of parties and a table of records.

- Biosafety Expert
- Competent National Authority
- Country's Decision or any other Communications
- Law, Regulation or Guideline
- National Database of Website
- National Focal Point
- Risk Assessment
- Reports on implementation of the Protocol

Home | The Cartagena Protocol | Parties

Country Profile

Profile information and status

Country
Date of signature
Date of ratification
Date of entry into force
Profile revision
Profile status
Profile last updated on

Type of document

<input type="checkbox"/> Biosafety Expert	2	2015-08-04
<input type="checkbox"/> Capacity Building Needs and Priorities	0	-
<input type="checkbox"/> Competent National Authority	0	-
<input type="checkbox"/> Country's Decision or any other Commu	0	-
<input type="checkbox"/> Law, Regulation or Guideline	101	2013-03-18
<input type="checkbox"/> National Database or Website	2	2011-09-22
<input type="checkbox"/> National Focal Point	2	2011-09-22
<input type="checkbox"/> News	0	-
<input type="checkbox"/> Report on Assignment	0	-
<input checked="" type="checkbox"/> Risk Assessment	101	2013-03-18
<input type="checkbox"/> Reports on Implementation of the Protocol	2	2011-09-22
Total number of records	218	

Notes
Link to this country's profile under the FAO GM Foods Platform: <http://www.fao.org/food/food-safety-quality/gm-foods-platform/browse-information-by/country/country-page/en/?cty=JPN>

Example; Risk Assessment (1)

Home The BCH The Protocol Finding Information Registering Information Resources Help

Finding Information

- National Contacts
- Laws and Regulations
- Country's Decisions and other Communications
- Submissions
- Risk Assessments
- Roster of Experts
- LMOs, Genes or Organisms
- National Reports
- Capacity-Building
- Organizations
- The BCH Virtual Library

Survey on indicators (2014)

Compiled Information

- National Contacts
- LMO Registry
- Organism Registry
- Gene Registry

Go to record ID

Home | **Finding Information** | Search results

Search results

Group records by

Sort records by

ID	Description
101 record(s) found	
42778	Japan Canarypox virus ALVAC (FeLV-env, gag, pol)
43761	Japan Soybean tolerant to glyphosate herbicide (MON-8101)
46105	Japan Maize resistant to Lepidoptera (MON-89034-3)
46106	Japan Rose Variety with Modified Flavonoid Biosynthesis Pathway (WKS82/130-9-1; IFD-52901-9)
46107	Japan Purple-violet carnation 123.2.38 (FLO-40644-4)

Risk Assessment

Record information and status

Record ID: 46105
Status: ✔ Published
Date of creation: 2008-07-31 12:11 UTC (mia.orager@dbd.jinl)
Date of last update: 2008-08-12 16:01 UTC (mia.orager@dbd.jinl)

General Information

Country
Japan

Title of risk assessment
Maize resistant to Lepidoptera (MON-89034-3)

Date of the risk assessment
Date not available

Competent National Authority(ies) responsible for the risk assessment
The Ministry of Agriculture, Forestry and Fisheries of Japan Record #40373
1-2-1 Kasumigaoka
Chiyoda-ku, Tokyo
Japan
Phone: +81-3-6744-2102
Fax: +81-3-3580-8592
Url: <http://www.maff.go.jp/>

Risk assessment details

Living modified organism
 MON-89034-3 - YieldGard™ VT Pro™
Resistance to diseases and pests - Insects - Lepidoptera (Butterflies and moths) Record #43773

Additional Information

Additional Information
Please see attached risk assessment report.

Other relevant website address or attached documents
[MON89034_2008enRi.pdf](#)
[Japan Biosafety Clearing House \(J-BCH\)](#)

Example; Risk Assessment (2)

Living modified organism



MON-89034-3 - YieldGard™ VT Pro™

Resistance to diseases and pests - Insect

Additional Information

Additional Information

Please see attached risk assessment report.

Other relevant website address or attached

[MON89034_2008enRi.pdf](#)

[Japan Biosafety Clearing House \(J-BCH\)](#)

Corporation obtaining approval, the name of its representative, and the address of its main office

Applicant:

Name: Monsanto Japan Limited
Seiichiro Yamane, President

Address: 4-10-10, Ginza, Chuo-ku, Tokyo

Approved Type 1 Use Regulation

Outline of the Biological Diversity Risk Assessment Report

- I Information collected prior to assessing Adverse Effect on Biological Diversity
1. Information concerning preparation of living modified organisms
 - (1) Information concerning donor nucleic acid
 - 1) Composition and origins of component elements

The composition of donor nucleic acid and the origins of component elements used for the development of maize resistant to Lepidoptera (*cry1A.105*, Modified *cry2Ab2*, MON-89034-3) are shown in Table 4 and Table 5.

Outline of the Biological Diversity Risk Assessment Report (26 page)

including target marker

Functions of component elements of the donor nucleic acid that was used for the development of this recombinant maize are shown in Table 4. The *cry1A.105* gene and the modified *cry2Ab2* gene, target genes in MON89034, are detailed below.

[*cry1A.105* gene]

The Cry1A.105 protein, which is encoded by the *cry1A.105* gene used for the development of this recombinant maize, is composed of Domains I and II of Cry1Ab

to Lepidoptera (*cry1A.105*, Modified *cry2Ab2*, MON-89034-3) (*MON89034*, MON-89034-3)

and, provision as feed, cultivation, processing, transportation, disposal and acts incidental to them

—

Example use of the database in Japan



Home Protocol Finding Information Registering Information Resources Help ? Country Profiles...

Finding Information

◆ Find information about the situation of LMO management

- Whether an LMO is permitted/authorized in other countries
- What kind of LMOs are authorized in other countries
- Details of Environmental Risk Assessment of an LMO
- Regulatory Frameworks for Environmental Risk management
- Information about Illegal Transboundary Movements of LMOs

◆ Find information about contact persons



Insight/tips on the effective use of the data on the database for people outside

Biosafety Clearing-House  Convention on Biological Diversity

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The Cartagena Protocol COP-MOP (Governing Body)
 What's new COP-MOP Bureau
 About the Protocol COP-MOP Meetings
 Text of the Cartagena Protocol
 Strategic Plan

Key Protocol Issues
 Assessment and Review
 Capacity Building
 Compliance
 Financial Mechanism
 Handling, Transport, Pests Identification
 Information sharing
 Liability and Redress
 Monitoring and Reporting
 Public Awareness and Participation
 Risk Assessment
 Risk Management
 Roaster of Experts
 Sampling, Detection and Identification
 Socio-economic Considerations
 Unintentional Transboundary Movements

Parties
 List of Parties
 Becoming a Party
 National Contacts
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 Status of Contributions

Ad Hoc Technical Expert Group
 AHTEG 2014-2016
 List of Participants (2014-2016)
 Sub-group discussions (2014-2016)
 Past Activities of the AHTEG

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Risk Assessment and Risk Management Forum

- About this Forum
- Calendar of Activities
- Guidance on Risk Assessment of LMOs
 - Text of the Guidance
 - Testing
 - Background materials (references)

Open-ended Online Forum

- Current Activities of the Online Forum
- List of Participants
- Nomination of Observers from organizations
- Past Activities 2008-2014
- Help

Home | [RARM Forum](#) | [Online Forum](#)

Activities of the Open-ended Intersessional Period

The discussions of the Open-ended page.

Technical note about posting and replying

- To share comments with the community on the title of the message you posted
- All messages posted to the forum are visible to all participants;
- Participants may also reply to messages received from the forum. Alternatively, you can click on the "Reply" button at the bottom of the message.
- To stop receiving future posts from a particular participant, you can click on the "Block" button at the bottom of the message.

Feedback on the general issue of the Open-ended Online Forum improved in Guidance

Discussions will be held between 15 and 19 October 2014. Discussions open and close at 15:00 GMT.

posted an observation on 10/10/14 by [R. Fernando Medina](#), [University of Santiago](#)

Re: Feedback on the general issue of the Open-ended Online Forum improved in Guidance

Dear R. Fernando,

Thank you for your comments and suggestions. I will try to address them in the next meeting. In the meantime, I will try to address them in the next meeting. I will try to address them in the next meeting. I will try to address them in the next meeting.

Best regards,
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