



Low Level Presence of Transgenic Plants in Seed and Grain Commodities: Environmental Risk/Safety Assessment, Availability and Use of Information

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Scope

“low level presence situations where seed contains low levels of transgenic seed that have been reviewed for environmental risk/safety and received authorization for commercial cultivation (unconfined release) in one or more countries but not in the country of import.”

Work depended on LLP experiences of countries: Questionnaire

- LLP situations relating to the environment
- Availability of data and information needed to define and analyze LLP situation e.g. risk
- Approaches taken to identify and assess any potential risk
- Mitigation of situation

Experiences from 27 delegations

- **Argentina**
- Australia
- Austria
- Belgium
- Brazil
- Canada
- Chile
- Czech Republic
- Denmark
- Estonia
- France
- Greece
- Hungary
- Japan
- Korea
- **Lithuania**
- Mexico
- Netherlands
- New Zealand
- Norway
- **Philippines**
- Slovenia
- Spain
- Turkey
- United States
- United Kingdom
- European Commission
- Business Industry Advisory Committee

Main features of LLP document

- Purpose and Scope
- Information Availability, Information Use and Environmental Risk/Safety Assessment in LLP Situations
- Use of Information and Environmental Risk/Safety Assessment for Management of LLP Situations in Seed
 - References
 - Annex I – Questionnaire
 - Annex II – Country Responses to Questionnaire

Purpose and Scope

- Commercial seed used intentionally for planting
 - Produced to meet certain quality standards
 - ETS
- Commodities (e.g. grains and oilseeds)
 - Can function biologically as seed
 - Unintentionally released into the environment during handling and transport
 - Intentionally used for planting
 - Harvested for food, feed or processing
- Only relates to LLP situations in the environment

Principles of Risk/Safety Assessment and LLP

LLP – same as other applications of risk assessment

- Familiarity (available knowledge and experience) can guide the risk assessment;
- A risk/safety assessment can be used to evaluate potential risks to the environment in a particular LLP situation; and
- Use of information and understanding from previous assessments of the same or similar plant both domestically and internationally may inform the assessment.

Case-by-case assessment

Useful Information Resources

BioTrack

Organisation for Economic Cooperation and Development

Biosafety Clearing-House

Cartagena Protocol on Biosafety

Crop Database

Center for Environmental Risk Assessment

FAO

FAO GM Foods Platform

GM Approval Database

International Service for the Acquisition of Agri-Biotech
Applications

Numerous national and regional databases



Thank you!

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