

Voluntary Report – Voluntary - Public Distribution

Date: December 08, 2021

Report Number: CH2021-0158

Report Name: GE Crop Herbicide Use Rules for Registration Comments
Invited

Country: China - People's Republic of

Post: Beijing

Report Category: Biotechnology - Plants and Animals, FAIRS Subject Report, Grain and Feed,
MISC-Commodity, Oilseeds and Products, Sanitary/Phytosanitary/Food Safety

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Report Highlights:

The Ministry of Agriculture and Rural Affairs (MARA) invited public comments on measures that provide the requirements and guidelines for herbicides used on and for genetically engineered (GE) crops. The measures include: “Documents Required for Registration of Herbicides used on Herbicide-Tolerant GE Crops,” “Guidelines for Field Trial Efficacy of Herbicides for Controlling Weeds in Herbicide-Tolerant GE Corn Fields,” and “Guidelines for Field Trial Efficacy of Herbicides for Controlling Weeds in Herbicide-Tolerant GE Soybean Fields.”

Summary:

On November 26, the MARA Department of Crop Production and Department of Agrochemical Management published three draft measures for public comment related to the registration, administration, and use of herbicides used on/for GE crops. This invitation for comments follows two other recent MARA notifications inviting comments on the rules and measures supporting the commercialization of GE crops (corn and soybeans) in China (see GAIN Reports [CH2021-139](#) and [CH2021-141](#)).

The three draft measures are:

- **Annex 1:** Documents Required for Registration of Herbicides used on Herbicide-Tolerant GE Crops
- **Annex 2:** Guidelines for Field Trial Efficacy of Herbicides for Controlling Weeds in Herbicide-tolerant GE Corn Fields (Draft for Comment)
- **Annex 3:** Guidelines for Field Trial Efficacy of Herbicides for Controlling Weeds in Herbicide-tolerant GE Soybean Fields (Draft for Comments)

The full notice in Chinese and links to the text of each Annex can be found [here](#).

MARA requests comments be submitted to the Pesticide Management Department in writing or by email before December 31, 2021:

Email: pmd@agri.gov.cn

Fax: 010-59191875

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Mail: Pesticide Management Division, Pesticide Management Department, MARA, No.11, Nong Zhan Guan Nan Li, Chaoyang District, Beijing 100125

The following is an unofficial translation of select portions of each Annex and is provided for reference.

Annex 1

Documents required for registration of Herbicides

used on Herbicide-Tolerant GE Crops

(Draft for Comments)

According to the "Requirements for Pesticide Registration Information" and the characteristics of GE crops, the following documents should be submitted for the registration of herbicides for herbicide-tolerant GE crops.

1. General requirements

- 1) *Registration subject*: the subject entity that registers herbicides used on herbicide-tolerant GE crops shall conform to provisions of the Pesticide Management Rules, and complete various registration trials according to this requirement for its product.
- 2) *Registered crops and categories*: The herbicide-tolerant GE crops applying for registration shall obtain the Biosafety Certificate (Production and Application). The registration category is the new scope of use, and the registration of herbicide-tolerant GE crops should include information of the event, such as "corn containing × × event".
- 3) *Site of trials*: The trial sites are selected for efficacy and residue tests in accordance with the "Guidance for Areas/Regions of Trials for Efficacy of Pesticide Registration," "Guidance for Areas/Regions of Trials for Residue of Pesticide Registration," and the planting area defined by the Biosafety Certificate (production and application).
- 4) *Label management*: In terms of labeling content, labels shall clearly mark that "(the pesticide) can only be used for weeding of × × crop containing × × event, and it is prohibited to be used for weeding in any other crop fields." In terms of safety protection, the isolation measures shall be clearly marked. In terms of technical requirements for use, it shall contain the use technology of pesticides on crops containing events to avoid misuse or other potential risks.

2. Data requirements for registration application of products that have passed the new pesticide protection period

For products that have passed the new pesticide protection period, to apply for the registration of herbicides for herbicide-tolerant GE crops, the registration materials should be submitted in accordance with the following requirements.

- 1) Product Chemistry (see sections 1.1 – 1.11)
- 2) Toxicology (see sections 2.1 – 2.9)
- 3) Efficacy (see sections 3.1 – 3.5)
- 4) Residue (see section 4.1 – 4.6)
- 5) Environmental Impact (see sections 5.1 – 5.13)

3. Data requirements for application for expanding the scope of use of registered pesticide products

- 1) Toxicology (see section 1.1 – 1.3)
- 2) Efficacy
- 3) Residue
- 4) Environmental impact (see section 4.1 – 4.2)

4. Data requirements for application for registration of new pesticides and Products that are still in the new product protection period

Documents shall be submitted in accordance with the requirements for new pesticide registration in the Document Requirements for Pesticide Registration.

Annex 2:

Guidelines for Field Trial Efficacy of Herbicides for Controlling Weeds in Herbicide-Tolerant GE Corn Fields

(Draft for Comment)

This annex specifies the methods and basic requirements for the field efficacy plot test of herbicides to control weeds in genetically modified herbicide-tolerant corn fields. This document is applicable to the registration field trial and evaluation of herbicides to control weeds in transgenic herbicide-tolerant corn fields. Sections of the document include:

- *References*: Indispensable documents, standards and regulations related to the annex.
- *Terms and Definitions*
- *Test Conditions*: Crop cultivars, selection of weeds, cultivation conditions, security control.
- *Experiment Design and Arrangement*: Test treatment, control agent, cell arrangement, application
- *Investigation*: Visual inspection, methodology, time and frequency, impact on non-target organisms, soil data, meteorological data, field management.
- *Calculation Method*: Formula calculations

Annex 3:

Guidelines for Field Trials Efficacy of Herbicides for Controlling Weeds in Herbicide-tolerant GE Soybean Fields

(Draft for Comments)

This document specifies the methods and basic requirements for field efficacy plot tests for herbicides to control weeds in genetically modified herbicide-tolerant soybean fields. This document is applicable to field trials and evaluation of herbicides for the registration of weeds in genetically modified herbicide-tolerant soybean fields.

Sections of the document include:

- *References*: Indispensable documents, standards and regulations related to the annex.
- *Terms and Definitions*
- *Test Conditions*: Crop cultivars, selection of weeds, cultivation conditions, security control.
- *Experiment Design and Arrangement*: Test treatment, control agent, cell arrangement, application
- *Investigation*: Visual inspection, methodology, time and frequency, impact on non-target organisms, soil data, meteorological data, field management.
- *Calculation Method*: Formula calculations

Attachments:

No Attachments.