

Annex 1: GM Materials Guidelines / Conventional Materials Preservation Guidelines

The Guidelines here below shall only represent the minimum standards for GM Materials or Conventional Materials. GM Materials and Conventional Materials shall be treated differently in respect of the rules and the processes. The Service Level Agreement will further detail such requirements.

Definitions:

“GM Materials” shall mean any genetic modified substances and seeds according to national law.

“Conventional Materials” shall mean substances and seeds which are not genetically modified according to national law.

“Volunteer Plants”: shall mean plants growing spontaneously without direct human control or supervision e.g. seed from a previous crop.

GM Materials Guidelines

1. GM Contamination of Compatible Materials

Supplier has taken all measures in its plant to produce the required quality of the Seeds as per the Service Level Agreement, excluding or at least reducing the risk of contamination from other GM Materials or Conventional Materials. Supplier shall ensure that all steps of production can be monitored.

This includes: adhering to appropriate techniques from sexually-compatible GM Materials including Volunteer Plants, following work flow practices that minimize the risk of transferring plant material or GM pollen to other fields, using good pollination practices, ensuring the ability to accurately identify materials with clear labelling and trace-back methods and bringing appropriate attention to practices that reduce potential for contamination or the mixing of GM Materials during planting, field activities, harvesting, processing and packaging.

The Supplier is responsible for ensuring that all employees who will engage in the Activities are appropriately trained on these best practices prior to conducting those Activities.

If materials of GM or conventional nature to be transferred to Syngenta have been exposed to unintended GM Materials, the Supplier is required to inform Syngenta and communicate the exposure to Syngenta. Syngenta will then provide direction regarding any required actions.

For all activities related to Seeds and according to this Agreement it is of utmost importance to keep product integrity and avoid unwanted integration of unknown genetics.

GM Material in a GM area requires specific caution and actions to avoid contamination with other materials (incl. seeds), via the so called “GMI” (Genetically Modified Impurity).

The conditions for seed production must comply with national requirements country regulations, or, if non-existent, according to Syngenta guidelines.

2. Planning & Pre-drilling / Planting

The person responsible for the Seed production must collect knowledge regarding presence of GM and conventional compatible species in the growing area, and make a risk analysis. The production site should be isolated from neighbouring GM Materials or Conventional Materials..

3. Drilling / Planting, Production & Harvest

Planting and harvesting equipment must be free of plant material before entering and when leaving the trial site. Dedicated equipment or equipment that can easily be cleaned and inspected are to be used for drilling/planting and harvesting to avoid contamination with unwanted GM Materials. A clear cleaning process needs to be set and its key steps needs to be recorded. In the event that the same equipment is employed for harvest of Conventional and GM Materials, the Conventional Material harvest must occur first to reduce contamination risk.

The production site must be inspected regularly and in accordance with any existing permit or notification stipulations to ensure that Volunteer Plants do not persist in the environment within isolation distance. All Volunteer Plants must be destroyed within 14 days of discovery. Equipment used to destroy volunteers shall be cleaned outside the production site.

Conventional Materials Preservation Guidelines

1. GMO contamination of Conventional Materials

Supplier has taken all measures in its plant to produce the required quality of the Seeds as per the Service Level Agreement, excluding or at least reducing the risk of contamination from GM Materials. Supplier shall ensure that all steps of production can be monitored.

This includes: adhering to appropriate techniques from sexually-compatible GM Materials including Volunteer Plants, following work flow practices that minimize the risk of transferring plant material or GM pollen to other fields, using good pollination practices, ensuring the ability to accurately identify materials with clear labelling and trace-back methods and bringing appropriate attention to practices that reduce potential for contamination or the mixing of GM Materials during planting, field activities, harvesting, processing and packaging.

The Supplier is responsible for ensuring that all employees who will engage in the Activities are appropriately trained on these best practices prior to conducting those Activities.

If materials of GM or conventional nature to be transferred to Syngenta have been exposed to unintended GM Materials during flowering, the Supplier is required to inform Syngenta and communicate the exposure to Syngenta. Syngenta will then provide direction regarding any required actions.

For all Activities related to Seeds and according to this Agreement it is of utmost importance to keep product integrity and avoid unwanted integration of unknown genetics.

GM Material in a GM area requires specific caution and actions to avoid contamination with other materials (incl. seeds), via the so called "GMI" (Genetically Modified Impurity).

The conditions for seed production must comply with national requirements, country regulations, or, if non-existent, according to Syngenta guidelines.

2. Planning & Pre-drilling / Planting

The person responsible for the Seed production must collect knowledge regarding presence of GM and conventional compatible species in the growing area, and make a risk analysis. The production site should be isolated from neighbouring GM Materials or Conventional Materials..

3. Drilling / Planting, Production & Harvest

Planting and harvesting equipment must be free of plant material before entering and when leaving the trial site. Dedicated equipment or equipment that can easily be cleaned and inspected are to be used for drilling/planting and harvesting to avoid contamination with unwanted GM Materials. A clear cleaning process needs to be set and its key steps needs to be recorded. In the event that the same equipment is employed for harvest of Conventional and GM Materials, the Conventional Material harvest must occur first to reduce contamination risk.