

INTRODUCTION

The MCIA Liberty Link® Soybean Program is designed to assist to seed producers to assist them in meeting Bayer Liberty Link® soybean seed production requirements. Please review the enclosed information, forms, and procedures. Because of the nature of these inspections, we recommend that you **share this information with your contract growers** to help them understand their responsibilities in the seed production process.

REQUIREMENTS

The following are some of the Bayer Liberty Link® seed production requirements: (Please refer to your *Bayer Liberty Link License Agreement* for details.)

- All multiplications of Licensed Product must **meet or exceed varietal purity standards** as defined by the Crop Improvement Association field standards. MCIA's varietal purity standard is 0.5%.
- All seed production fields must be inspected by trained/qualified inspectors.
- All production fields must be treated once with the approved formulation of Glufosinate herbicide (Liberty® 280 SL) and at least 98% of the plants in the field shall be tolerant.
- Glufosinate application should be made at the 2–4 leaf stage at the 29-oz. rate. Visually inspect each field during the 5–10 day interval after the applications of Glufosinate.
- If the first application is determined to not be effective due to environmental effects, a second application of Glufosinate at the maximum allowed rate should be applied as soon as possible, no later than 5–6 leaf stage. A second inspection is required.
- At least 1,000 plants will be evaluated across each field (4 counts of 250).
- MCIA will submit copies of inspection reports to the AOSCA main office.
- Upon request, all licensing records, pedigrees, test results, spray records, inspection records, and other quality assurance or quality control documentation shall be available to Bayer Crop Science and/or its Third-Party auditors.

PROCEDURES

- **Apply for field inspection** within three weeks of field being planted but no later than June 7. Application must include grower's name and phone number and maps showing field locations. (Application and instructions are included in this packet.)
- **Submit variety descriptions.** (*Application for New Soybean Varieties/Brands/Blends* form and instructions for completing the form are included in this packet.)
- **Inform growers of herbicide application requirements** and provide a *Verification of Herbicide Application* form for each field. **Submit spray information** to MCIA the day the herbicide is applied. Provide the applicant (seed company) name, grower name, county in which field is located, field number, variety/brand name, date sprayed, herbicide formulation, and rate applied.
- **Instruct growers** to complete, sign, and send the completed *Verification of Herbicide Application* form to MCIA. The herbicide application information provided will be forwarded to an inspector for post-spray inspection.

- **A post-spray inspection** shall be performed between 5–10 days following the first application of Glufosinate®. The purpose of this inspection is to verify that the entire field has been sprayed and to check for dead plants. MCIA will document the growth stage and field conditions.
- **Inform grower** of results of post-spray field inspection including any corrections needed or other inspector recommendations.
- **A pre-harvest field inspection** shall be performed after 10% of the pods have matured. This inspection shall verify the varietal identity and identify any isolation or varietal mixture problems. If a field is ready to harvest and you are uncertain whether the field has been inspected, contact MCIA immediately. MCIA requests a two-day notice to perform pre-harvest inspections.
- **Inform grower** of results of pre-harvest field inspection including any corrections needed or other inspector recommendations.
- **Harvest field** after making required corrections using good seed production practices to prevent contamination and mechanical damage.