

## INTRODUCTION

The MCIA Roundup Ready® Soybean Program is designed to provide field inspection services to seed producers to assist them in meeting Monsanto Roundup Ready® 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 Roundup Ready® seed production requirements: (Please refer to your *Monsanto Grower Agreement* for details.)

- All multiplications of Licensed Product must **meet genetic purity standards** as defined by the Crop Improvement Association field inspection standards.
- Producer will use only Roundup® brand agricultural herbicides in connection with Licensed Soybean Product production. This application must be made either during the V1 to V3 growth stage at a minimum rate of 0.56 lb. acid equivalent of glyphosate per acre (which is equal to 16 ounces of Roundup PowerMAX™ herbicide) **OR** during the V4 to V6 growth stage at a minimum of 0.75 lb. acid equivalent of glyphosate per acre (which is equal to 22 ounces of Roundup PowerMAX™ herbicide) in a single application to insure the purity of Licensed Soybean Product.
- Monsanto does not require, but **recommends spray and genetic purity field inspections** as part of a “Best Practices” program of Quality Assurance for Licensed Product seed production.
- Upon request, all licensing records, pedigrees, test results, spray records, inspection records, and other quality assurance or quality control documentation shall be available to Monsanto 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 (e.g., Roundup Pro®, PowerMAX™, etc.), 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 7 and 17 days following the first application of Roundup®. 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.