

Roundup Ready Spring Canola



PRODUCT DESCRIPTION

Roundup Ready Spring Canola varieties contain in-plant tolerance to Roundup agricultural herbicides, enabling growers to apply Roundup agricultural herbicides over the top of Roundup Ready Spring Canola anytime from emergence through the 6-leaf stage of development. The introduction of the Roundup Ready trait into leading spring canola hybrids and

varieties gives growers the opportunity for unsurpassed weed control, proven crop safety, and maximum profit potential. With Roundup Ready Spring Canola, growers have the weed management tool necessary to improve spring canola profitability, while providing a viable rotational crop to help break pest and disease cycles in cereal-growing areas.

ROUNDUP AGRICULTURAL OVER-THE-TOP HERBICIDE PRODUCTS

Herbicide products sold by Monsanto for use over the top of Roundup Ready Spring Canola for the 2008 crop season are as follows:

- Roundup WeatherMAX
- Roundup Original MAX®

For complete information about the use of Roundup agricultural herbicides over the top of Roundup Ready Spring Canola, refer to the appropriate product's label booklet.

You may use another glyphosate herbicide, but only if it has federally approved label instructions for use over Roundup Ready Spring Canola, and the product and the use label for Roundup Ready Spring Canola have been approved by your specific state. Contact

the product manufacturers, the local retailers, or the local extension agents for confirmation that the products carry EPA and state approved labeling for this use. MONSANTO DOES NOT MAKE ANY REPRESENTATIONS, WARRANTIES OR RECOMMENDATIONS CONCERNING THE USE OF GLYPHOSATE PRODUCTS SUPPLIED BY OTHER COMPANIES WHICH ARE LABELED FOR USE OVER ROUNDUP READY SPRING CANOLA. MONSANTO SPECIFICALLY DENIES ALL RESPONSIBILITY AND DISCLAIMS ANY LIABILITY FOR ANY DAMAGE FROM THE USE OF THESE PRODUCTS IN ROUNDUP READY SPRING CANOLA. ALL QUESTIONS AND COMPLAINTS CAUSED BY THE USE OF GLYPHOSATE PRODUCTS SUPPLIED BY OTHER COMPANIES SHOULD BE DIRECTED TO THE SUPPLIER OF THE PRODUCT IN QUESTION.

WEED RESISTANCE MANAGEMENT GUIDELINES

Follow the guidelines below to minimize the risk of developing glyphosate-resistant weed populations in a Roundup Ready Spring Canola System:

- Scout fields before and after each burndown and in-crop application.
- Start clean with a burndown herbicide or tillage.
- In-crop, apply Roundup WeatherMAX herbicide before weeds exceed 3".
- A sequential application of Roundup WeatherMAX herbicide may be needed.
- Clean equipment before moving from field to field to minimize the spread of weed seed.
- Report repeated non-performance to Monsanto or your local retailer.

Roundup Ready® Spring Canola



WEED CONTROL RECOMMENDATIONS (SPRING-SEEDED)

PROGRAM	INSTRUCTIONS AND USE RATES	ADDITIONAL INFORMATION
Two-Pass Program— For Annual and Perennial Weed Control	<p>For broad-spectrum control of annual and perennial weeds, use an initial application of 11 oz/A of Roundup WeatherMAX®, in 5 to 10 gal/A water volume. No surfactant is required.</p> <p>Make a second application of 11 oz/A of Roundup WeatherMAX no less than 10 days after initial application up to the 6-leaf stage (prebolting).</p> <p>Do not exceed 11 oz/A per application.</p>	<p>Spray when canola is at the 0- to 6-leaf stage of growth. To maximize yield potential, spray Roundup Ready® Spring Canola at the 1- to 3-leaf stage to eliminate competing weeds. Short-term yellowing may occur with later applications, with little effect on crop growth, maturity, or yield.</p> <p>Wait a minimum of 10 days between applications. Two applications of Roundup WeatherMAX will:</p> <ul style="list-style-type: none"> • Control late flushes of annual weeds such as foxtail, pigweed, and wild mustard. • Provide season-long control of Canada thistle, quackgrass, and perennial sow thistle. • Provide better yields by eliminating competition from both annuals and hard-to-control perennials.
Single Application—For Annual Weed Control	<p>For broad-spectrum control of annual and easy-to-control perennial weeds, make a single application of 16 oz/A of Roundup WeatherMAX.</p>	<p>For best results, spray Roundup Ready Spring Canola at the 2- to 3-leaf stage. Can be applied up to 6-leaf stage; yellowing may occur with later application with little effect on crop growth, maturity, or yield.</p> <p>No additional over-the-top applications can be made.</p>
Maximum Use Rate For Roundup WeatherMAX	<p>Two over-the-top applications: Do not exceed 11 oz/A per application.</p> <p>Single over-the-top applications: Do not exceed 16 oz/A. No additional application can be made.</p>	

*If using another Roundup® agricultural herbicide, you must refer to the label booklet or separately published Roundup Ready Alfalfa supplemental label for that brand to determine appropriate use rates. If using Roundup Original MAX®, application rates are the same as for Roundup WeatherMAX.

PURCHASING AND PROTECTING ROUNDUP READY SPRING CANOLA TECHNOLOGY

Using Roundup Ready technology can improve weed control, increase profits, and help maximize your efficiency and productivity. Growers must comply with the Canola Use Agreement (CUA) and MTSA.

As with other Monsanto trait technologies, growers must sign an MTSA before purchasing Roundup Ready Spring Canola. Growers may then purchase a CUA to plant this patented technology. The CUA defines the number of Roundup Ready Spring Canola acres a grower plans to grow and is available only through Monsanto Authorized Retailers. By signing the CUA, a grower also agrees to meet certain conditions.

To purchase Roundup Ready Spring Canola, a grower must follow these steps:

- **Sign an MTSA.**

This agreement allows growers to purchase all current and new Roundup Ready technologies. Growers who sign agreements receive a Technology Card and Monsanto Technology I.D. number.

- **Sign up for Roundup Ready Spring Canola acres.**

This requires growers to purchase a CUA (as described in the previous section). Growers may sign a “2-Application System CUA”, a “Spring System CUA” or a “Non-Roundup Option CUA”. The “2-Application System CUA” and “Spring System CUA” include Roundup WeatherMAX for use in Roundup Ready Spring Canola.

- **Purchase the seed.**

To purchase Roundup Ready Spring Canola seed, growers must provide a copy of their CUA to their seed dealer in order to receive seed.

- **Reconcile actual seeded acres.**

A Monsanto Authorized Retailer will visit each farm and complete the legal description of the final planted acres on the CUA form. Monsanto randomly audits retailers for compliance with this reconciliation requirement through on-farm visits by a Canola Stewardship Representative.

Roundup Ready Winter Canola



PRODUCT DESCRIPTION

Roundup Ready Winter Canola varieties have been developed for seeding in the fall and harvesting the following spring/summer. Roundup Ready Winter Canola varieties contain in-plant tolerance to Roundup® agricultural herbicides, enabling growers to apply Roundup agricultural herbicides over the top of Roundup Ready Winter Canola anytime from emergence to canopy closure or prior to bolting in the spring. The introduction of the Roundup Ready trait

into winter canola varieties assures growers of unsurpassed weed control, crop safety, and maximum yield potential. Roundup Ready Winter Canola offers growers an important option as a rotational crop in traditional monoculture winter wheat production areas. Introducing crop rotation is an important factor in reducing pest cycles, including weed and disease problems.

ROUNDUP AGRICULTURAL OVER-THE-TOP HERBICIDE PRODUCTS

Herbicide products sold by Monsanto for use over the top of Roundup Ready Winter Canola for the 2008 crop season are as follows:

- Roundup WeatherMAX
- Roundup Original MAX®

You may use another glyphosate herbicide, but only if it has federally approved label instructions for use over Roundup Ready Winter Canola, and the product and the use label for Roundup Ready Winter Canola have been approved by your specific state. Contact the product manufacturers, the local retailers, or the local extension agents for confirmation that the products carry EPA and state approved labeling for this use. MONSANTO DOES NOT MAKE ANY REPRESENTATIONS, WARRANTIES OR RECOMMENDATIONS

CONCERNING THE USE OF GLYPHOSATE PRODUCTS SUPPLIED BY OTHER COMPANIES WHICH ARE LABELED FOR USE OVER ROUNDUP READY WINTER CANOLA. MONSANTO SPECIFICALLY DENIES ALL RESPONSIBILITY AND DISCLAIMS ANY LIABILITY FOR ANY DAMAGE FROM THE USE OF THESE PRODUCTS IN ROUNDUP READY WINTER CANOLA. ALL QUESTIONS AND COMPLAINTS CAUSED BY THE USE OF GLYPHOSATE PRODUCTS SUPPLIED BY OTHER COMPANIES SHOULD BE DIRECTED TO THE SUPPLIER OF THE PRODUCT IN QUESTION. For complete information about the use of Roundup agricultural herbicide brands over the top of Roundup Ready Winter Canola, refer to the appropriate product's labeling.

WEED RESISTANCE MANAGEMENT GUIDELINES

Follow the guidelines below to minimize the risk of developing glyphosate-resistant weed populations in a Roundup Ready Winter Canola system:

- Scout fields before and after each burndown and in-crop application.
- Start clean with a burndown herbicide or tillage.
- In-crop, apply Roundup WeatherMAX herbicide at labeled rate before weeds exceed 3".
- A sequential application of Roundup WeatherMAX herbicide at labeled rate may be needed.
- Clean equipment before moving from field to field to minimize the spread of weed seed.
- Report repeated non-performance to Monsanto or your local retailer.