

524-544

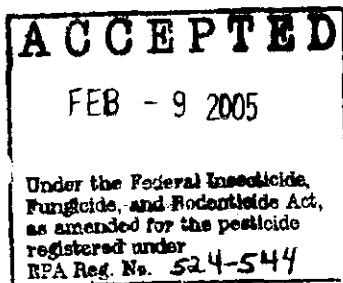
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SUPPLEMENTAL LABELING

READ THE ENTIRE LABEL FOR MON 3539 HERBICIDE BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.

When using MON 3539 herbicide as permitted according to this supplemental labeling, read and follow all applicable directions, restrictions, and precautions on the label booklet provided with the pesticide container and on this supplemental labeling. This supplemental labeling must be in the possession of the user at the time of pesticide application.



MON 3539

Herbicide

EPA Reg. No. 524-544

FOR ROUNDUP READY® FLEX COTTON

Keep out of reach of children.

CAUTION!

In case of an emergency involving this product, Call Collect, day or night, 314-694-4000.

Roundup Ready is a trademark of Monsanto Technology LLC

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling.

This labeling must be in the possession of the user at the time of herbicide application.

AVOID CONTACT OF HERBICIDE WITH FOLIAGE, GREEN STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS (EXCEPT AS SPECIFIED FOR INDIVIDUAL ROUNDUP READY CROPS), DESIRABLE PLANTS AND TREES, BECAUSE SEVERE INJURY OR DESTRUCTION MAY RESULT.

See "GENERAL INFORMATION" and "MIXING" sections of the label booklet for MON 3539 herbicide for essential product performance information.

The use of the over-the-top applications described in this supplemental label on *other than Roundup Ready Flex cotton will cause crop injury and reduced yields. Drift of this product from applications made to Roundup Ready Flex cotton onto adjacent fields of post 4-leaf (node) Roundup Ready cotton may cause extensive injury including boll loss, delayed maturity and/or yield loss.*

Note: The instructions provided in this supplemental label are specific to, and should only be used with, varieties designated as **Roundup Ready Flex cotton**. **Do Not** combine the instructions in this supplemental label with those in the "Roundup Ready Cotton" section of the MON 3539 herbicide label booklet, or with any other Roundup Ready cotton or Roundup Ready Flex cotton instructions on

labeling for this or other glyphosate-containing product. See “Annual Maximum Use Rate” in the “GENERAL INFORMATION” section of the MON 3539 label booklet, for additional information.

TYPES OF APPLICATIONS: Preplant, At-Planting, Preemergence, Postemergence, Preharvest.

Maximum Allowable Combined Application Quantities Per Season	
Combined total per year for all applications	5.3 quarts per acre
Calculate the combined rate to be used for all <i>preplant, in-crop and preharvest</i> applications, to ensure that the total does not exceed the maximum allowed rate per acre per year shown above.	
Preplant, At-planting, Preemergence applications	3.3 quarts per acre
Total in-crop applications from ground cracking to 60% open bolls	4.0 quarts per acre
Maximum allowed from 60% bolls open to 7 days prior to harvest	44 fluid ounces per acre

PRECAUTIONS, RESTRICTIONS: See the “ROUNDUP READY CROPS” section of the label booklet provided with the product container for general precautionary instructions for use in Roundup Ready crops.

Preplant, Preemergence, At-Planting

USE INSTRUCTIONS: This product may be applied before, during or after planting Roundup Ready Flex cotton. Always plant into a weed free seedbed. In no-till and stale seedbed systems, always burn down existing weeds before cotton emerges.

Postemergence

USE INSTRUCTIONS: When applied in accordance with this label, MON 3539 herbicide will control labeled annual grasses and broadleaf weeds in Roundup Ready Flex cotton. To maximize yield potential spray cotton early to eliminate competing weeds. Many perennial weeds will be controlled or suppressed with one or more applications of this product. In general, an initial application of 22 fluid ounces per acre on 1 to 3 inch tall annual grass and broadleaf weeds is recommended. This product may be applied by ground application equipment at rates up to 44 fluid ounces per acre per application postemergence to Roundup Ready Flex cotton. In addition to broadcast applications, post-directed equipment may be used to achieve weed coverage.

NOTE: For specific rates of application and instructions, refer to the “ANNUAL WEEDS” and “PERENNIAL WEEDS RATE SECTION” in the label booklet for MON 3539 herbicide.

PRECAUTIONS, RESTRICTIONS: The maximum rate for any single in-crop application of this product is 44 fluid ounces per acre made using ground application equipment. **In-crop application rates above 22 fluid ounces per acre made alone or with the addition of other crop chemical products containing surfactant may cause a crop response including leaf speckling or leaf necrosis.** Between layby and 60% open bolls, the maximum combined total rate of this product that may be applied is 44 fluid ounces per acre. The maximum combined

total of all applications made from crop emergence through 60% open bolls must not exceed 4.0 quarts per acre.

Preharvest

USE INSTRUCTIONS: This product may be applied for preharvest annual and perennial weed control as a broadcast treatment to Roundup Ready Flex cotton after 60% boll crack. Up to 44 fluid ounces of this product may be applied using either aerial or ground spray equipment. **NOTE:** This product will not enhance the performance of harvest aids when applied to Roundup Ready Flex cotton.

PRECAUTIONS, RESTRICTIONS: Allow a minimum of 7 days between application and harvest of Roundup Ready Flex cotton. Do not apply this product as a preharvest application to cotton grown for seed, as a reduction in germination or vigor may occur.

Ground Broadcast Equipment

Use the recommended rates of MON 3539 herbicide in 5 to 20 gallons of spray solution per acre. As density of weeds increases, spray volume should be increased within the recommended range to ensure complete and uniform coverage of the target. Carefully select proper nozzle and spray pressure to avoid spraying a fine mist. Check for even distribution of spray droplets.

Aerial Equipment

Apply this product in 3 to 15 gallons of water per acre. Do not exceed a maximum rate of 44 fluid ounces per acre of this product when making applications by air. Extreme care must be used when applying this product to prevent injury to desirable plants and crops which do not contain a Roundup Ready gene. Drift may cause damage to any vegetation contacted to which treatment is not intended including boll loss, delayed maturity and/or yield loss on Roundup Ready cotton exceeding the 4 leaf (node) stage of development.

PRECAUTIONS, RESTRICTIONS: See the "Aerial Equipment" part of the "APPLICATION EQUIPMENT AND TECHNIQUES" section of the MON 3539 herbicide label booklet for information on proper use and calibration of this equipment.

Sprayer Preparation

Cotton is very sensitive to many herbicides at extremely low concentrations and care should be taken to thoroughly clean all equipment prior to use. It is important that the sprayer, including tank and hoses, and mixing equipment be clean and free of pesticide residue before making applications of this product to Roundup Ready Flex cotton. Follow the cleaning procedures specified on the label of the product(s) previously used.

ATTENTION: USE OF THIS PRODUCT IN ACCORDANCE WITH LABEL DIRECTIONS IS EXPECTED TO RESULT IN NORMAL GROWTH OF ROUNDUP READY FLEX COTTON, HOWEVER, DUE TO THE SENSITIVITY OF COTTON FRUITING TO VARIOUS ENVIRONMENTAL CONDITIONS, AGRONOMIC PRACTICES AND OTHER FACTORS IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS ASSOCIATED WITH THIS PRODUCT, EVEN WHEN APPLICATIONS ARE MADE IN CONFORMANCE WITH THE LABEL SPECIFICATIONS. IN SOME

CASES, THESE FACTORS CAN RESULT IN BOLL LOSS, DELAYED MATURITY AND/OR YIELD LOSS.

Read the “Limit of Warranty and Liability” in the label booklet for MON 3539 herbicide before using. For over-the-top uses on Roundup Ready crop varieties crop safety and weed control performance are not warranted by Monsanto when this product is used in conjunction with “brown bag” or “bin run” seed saved from previous year’s production and replanted. These terms apply to this supplemental labeling and if these terms are not acceptable, return the product unopened at once.

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