



# REFLEX

## Section 24(c) Special Local Need Label

|           |       |    |           |
|-----------|-------|----|-----------|
| FOMESAFEN | GROUP | 14 | HERBICIDE |
|-----------|-------|----|-----------|

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF NORTH CAROLINA

Reflex® Herbicide  
For Control of Weeds in Pumpkin and Watermelon

EPA Reg. No. 100-993  
EPA SLN No. NC-150002

This label expires and must not be distributed or used in accordance with this SLN registration after December 31, 2029

**SYNGENTA'S SPECIAL CONDITIONS, RISKS OF USE AND DISCLAIMER FOR USE OF REFLEX HERBICIDE ON CROPS ON THIS 24(c) LABEL**

**IMPORTANT- READ BEFORE USE**

THESE CONDITIONS RISKS OF USE AND DISCLAIMER ARE REQUIRED BY SYNGENTA CROP PROTECTION LLC AND NOT SPECIFIED BY U.S. EPA OR THE OF STATE OF NORTH CAROLINA

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SYNGENTA CROP PROTECTION, LLC INTENDS THAT THE PRODUCT THAT IS THE SUBJECT OF THIS SECTION 24(c) LABEL BE PURCHASED ONLY BY END USERS WHO AGREE BY ELECTRONIC SIGNATURE ON SYNGENTA CROP PROTECTION'S INTERNET SITE TO THE TERMS AND CONDITIONS REQUIRED BY SYNGENTA CROP PROTECTION, LLC INCLUDING A WAIVER AND RELEASE FROM ALL LIABILITY AND INDEMNIFICATION BY THE USER AND/OR GROWER OF SYNGENTA AND OTHERS FOR FAILURE TO PERFORM AND FOR CROP INJURY, CROP YIELD REDUCTION, AND/OR CROP LOSS FROM USE OF REFLEX HERBICIDE ON CROPS ON THIS 24(c) LABEL. IF SUCH TERMS AND CONDITIONS ARE UNACCEPTABLE, RETURN THE REFLEX HERBICIDE AT ONCE UNOPENED OR USE THE REFLEX HERBICIDE FOR A DIFFERENT APPROVED USE IN ACCORDANCE WITH THE LABEL AFFIXED TO THE PRODUCT CONTAINER.

USE OF REFLEX HERBICIDE (THE "PRODUCT") ON CROPS LISTED (THE "CROP") FOR THIS SPECIAL LOCAL NEED MAY RESULT IN CROP INJURY, CROP YIELD REDUCTION AND/OR CROP LOSS AS FURTHER DISCUSSED BELOW. READ AND UNDERSTAND THESE CONDITIONS AND RISKS OF USE FOR SPECIAL LOCAL NEED BEFORE USING THE PRODUCT ON THE CROP. SYNGENTA RECOMMENDS THAT THE USER TEST THIS

## **PRODUCT TO DETERMINE ITS SUITABILITY FOR SUCH INTENDED USE.**

Syngenta Crop Protection, LLC makes the Product available for use in the manner described in this 24(c) Labeling on the basis that, in the sole opinion of the user, the benefits and utility derived from the use of the Product on the Crop outweigh the potential risk of Crop injury, Crop yield reduction or Crop loss.

The decision to use this Product in the manner described in this 24(c) Labeling must be made by each individual user on the basis of anticipated benefits versus (i) the potential risk of Crop injury, Crop yield reduction and Crop loss, (ii) the severity of the target pest infestation, (iii) the cost and availability of alternative pest controls and (iv) any other relevant factors. Syngenta recommends that the user test this Product to determine its suitability for such intended use.

**By purchasing the Product for use, or using the Product in the manner described in this 24(c) Labeling, you acknowledge and accept that, to the extent consistent with applicable law:**

- 1) you assume all risk of Crop injury, Crop yield reduction and Crop loss;
- 2) Syngenta Crop Protection, LLC do not make, and do not authorize any agent or representative to make, any representations or recommendations regarding the use of this Product on the Crop other than the statements on this 24(c) labeling;
- 3) Syngenta Crop Protection, LLC do not make, and do not authorize any agent or representative to make, any warranties, express or implied, with respect to the use of the Product on the Crop and disclaim all warranties, expressed or implied, including any implied warranty of merchantability;
- 4) Syngenta Crop Protection, LLC disclaim all liability for any damages, losses, expenses, claims or causes of actions arising out of or relating to Crop injury, Crop yield reduction and/or Crop loss;
- 5) these conditions and Risks of Use for Special Local Need supersede any contrary representations or recommendations by Syngenta Crop Protection, LLC or their respective agents or representatives, and any provisions in or on any Product literature or labeling including any provisions on the label affixed to the Product container.

**If these Conditions and Risks of Use for Special Local Need are not acceptable, the unopened Product may be returned to the seller for a refund or used for a different labeled use in accordance with the label affixed to the Product container.**

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.**

## **DIRECTIONS FOR USE**

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This label must be in the possession of the user at the time of application.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA-registered label.

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## Pumpkin

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Note: Reflex Herbicide rates below 16 fl oz/A are not intended to be used as a stand-alone weed control program and should be used with other herbicides and/or other methods of weed control that support weed resistance management. Refer to the Reflex Herbicide federal label for a complete list of weeds controlled.

**Bare Ground Seeded:** Apply Reflex Herbicide at 8 to 10 fl oz/A within 24 hours after planting. Overhead irrigation (0.2-0.5 inch) at least 36 hours prior to pumpkin cracking the ground will improve weed control activity and crop safety. Irrigation within 36 hours of pumpkin cracking the ground may cause crop injury.

**Bare Ground Transplants:** Prepare land for transplanting, apply Reflex Herbicide at 8 to 10 fl oz/A, irrigate (overhead - 0.2 to 0.5 inch) to activate the herbicide, and then prepare plant holes and transplant. Do not punch holes until after Reflex Herbicide application and irrigation have occurred. Avoid tillage after the Reflex Herbicide application through transplanting.

**Row Middle Application:** Reflex Herbicide at 8 to 10 fl oz/A may be applied to row-middles prior to emergence or transplanting. The Reflex Herbicide rate applied must be reduced in proportion to the area treated.

### Precautions – Pumpkin

- Not all types and/or pumpkin varieties have been evaluated for tolerance to Reflex Herbicide. Use caution when applying to new varieties of pumpkin.
- Pumpkin varieties may vary in their response to Reflex Herbicide; therefore, treat small acreages first to determine crop tolerance.
- Avoid overhead irrigation during emergence including soil cracking.
- Reflex Herbicide will kill or severely damage emerged plants.
- The potential of crop injury is greater on lighter textured soils combined with intensive irrigation programs or high amounts of rainfall, therefore, adjust use rates accordingly.

### Restrictions – Pumpkin

- Do not apply more than 24 fl oz of Reflex Herbicide per acre per season.
- Do not apply Reflex Herbicide within 32 days of harvest.
- In the event of crop failure or replanting do not re-apply Reflex Herbicide to new planting unless it has been at least 3 months since the previous application of Reflex Herbicide.
- Refer to the Rotational Crop Restriction section of this label for re-cropping intervals.

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## Watermelon

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Note: Reflex Herbicide rates below 16 fl oz/A are not intended to be used as a stand-alone weed control program and should be used with other herbicides and/or other methods of weed control that support weed resistance management. Refer to the Reflex Herbicide federal label for a complete list of weeds controlled.

**Bare Ground Seeded:** Apply Reflex Herbicide at 10 to 12 fl oz/A within 24 hours after planting. Follow with overhead irrigation (0.2-0.5 inch) at least 36 hours prior to watermelon cracking the ground. There is the potential for increased crop injury if overhead irrigation is not applied prior to emergence.

**Bare Ground Transplants:** Prepare land for transplanting, apply Reflex Herbicide at 10 to 12 fl oz/A, irrigate (overhead - 0.2 to 0.5 inch) to activate the herbicide, and then prepare plant holes and transplant. Do not punch holes until after Reflex Herbicide application and irrigation have occurred. Avoid tillage after the Reflex Herbicide application through transplanting.

**Plastic Mulched Seeded or Transplants:**

*Pre-transplant under plastic mulch:* Apply Reflex Herbicide at 10 to 12 fl oz/A under mulch. Ensure the mulch laying process does not disturb treated soil. Do not apply prior to laying drip or running a bed pan. Application must be made immediately prior to laying plastic without soil disturbance.

*Pre-transplant over plastic mulch:* Apply Reflex Herbicide at 10 to 12 fl oz/A over top of plastic mulch. Reflex Herbicide must be washed off of mulch with 0.5 inch rainfall/irrigation in a single event prior to hole punching and transplanting. It is essential that the top of the plastic mulch bed is shaped such that water does not accumulate in the transplant row (drill) and sheds uniformly to each side of the plastic mulch.

**Row Middle Application:** Reflex Herbicide at 10 to 16 fl oz/A may applied to row-middles prior to emergence or transplanting. The Reflex Herbicide rate applied must be reduced in proportion to the area treated. Severe injury or plant death will occur if foliage is contacted by Reflex Herbicide.

**Precautions – Watermelon**

- Avoid overhead irrigation during soil cracking and emergence.
- Foliar application of Reflex Herbicide will severely damage or kill watermelon.
- The potential of crop injury is greater on lighter textured soils combined with intensive irrigation programs or high amounts of rainfall, therefore, adjust use rates accordingly.
- Watermelon varieties may vary in their response to Reflex Herbicide; therefore, treat small acreages first to determine crop tolerance, especially when applying to a new variety.
- The plant back interval for rotational crops following Reflex Herbicide applied under mulch begins at mulch removal and not application.

**Restrictions – Watermelon**

- Do not apply more than 24 fl oz of Reflex Herbicide per acre per season.
- Do not apply Reflex Herbicide within 35 days of harvest.
- In the event of crop failure or replanting do not re-apply Reflex Herbicide to new planting unless it has been at least 3 months since the previous application of Reflex Herbicide.
- Refer to the Rotational Crop Restriction section of this label for re-cropping intervals.

### Rotational Crop Restrictions\*

The following rotational crops may be planted after applying Reflex Herbicide at recommended rates.

| Crop To Be Planted                      | Bare Ground and Over Mulch Application  | Under Mulch Application   |
|---|---|---|
|   | Minimum Rotational Interval<br>(Months After Last Reflex Herbicide Application) | Minimum Rotational Interval<br>(Months after Mulch Removal and Tillage) |
| Bean, dry                               | 0   | 0   |
| Bean, snap                              | 0   | 0   |
| Beans (other than dry/snap bean)        | 12  | 12  |
| Cantaloupe                              | 4   | 4   |
| Corn (field, sweet, seed corn, popcorn) | 10  | 10  |
| Cotton                                  | 0   | 0   |
| Cucumber                                | 4   | 4   |
| Eggplant                                | 12  | 12  |
| Pea, succulent                          | 4   | 4   |
| Peanuts                                 | 10  | 10  |
| Pepper (transplanted only)              | 0   | 0   |
| Potato                                  | 0   | 0   |
| Pumpkin                                 | 0   | 3   |
| Rice                                    | 10  | 10  |
| Small grains such as wheat, barley, rye | 4   | 4   |
| Sorghum                                 | 10  | 10  |
| Soybean                                 | 0   | 0   |
| Squash                                  | 0   | 3   |
| Tomato (transplanted only)              | 0   | 0   |
| Watermelon                              | 0   | 3   |
| All other crops not listed above        | 18  | 18  |

\* These rotational Crop Restrictions are specific to the rates and crops specified in this label and apply only to the state of North Carolina.

Do not graze rotated small grain crops or harvest forage or straw for livestock.

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