



REFLEX

Section 24(c) Special Local Need Label

FOMESAFEN	GROUP	14	HERBICIDE
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FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF MICHIGAN

Reflex® Herbicide

For Control of Weeds in Cucumber, Onion, Pea (Succulent), Pepper (Transplanted), Pumpkin, Tomato (Transplanted), and Squash

EPA Reg. No. 100-993
EPA SLN No. MI-140005

This label expires and must not be distributed or used in accordance with this SLN registration after December 31, 2028

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 STATE OF MICHIGAN

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SYNGENTA CROP PROTECTION, LLC INTENDS THAT THE PRODUCT THAT IS THE SUBJECT OF THIS SECTION 24C 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 Supplemental 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 Supplemental 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 Supplemental 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 Supplemental 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 FIFRA Section 24(c) label and main EPA-registered Reflex Herbicide label must be in the possession of the user at the time of pesticide application.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on this 24(c) label and the main EPA-registered Reflex Herbicide (EPA Reg. No. 100-993) product label.
- Failure to follow the directions for use and precautions on this label may result in poor pest control, crop injury, or illegal residues.

Cucumber

Note: Cucumber varieties may vary in their response to Reflex Herbicide. If soils are cold and wet during cucumber germination and emergence, the use of Reflex Herbicide may delay maturity and/or reduce yields. If heavy rain occurs shortly after transplanting, Reflex Herbicide may delay maturity and or reduce yields. When using Reflex Herbicide for the first time on a particular variety, always determine crop tolerance before using. Plant only high-quality seed or healthy transplants and do not plant when unfavorable growing conditions exist.

Reflex Herbicide rates below 1.0 pt/A are not intended to be used as a stand-alone weed control program. Refer to the Reflex Herbicide federal label for a complete list of weeds controlled. All rates listed are on a broadcast basis unless otherwise specified.

Bare Ground Seeded

Apply Reflex Herbicide at 0.5 to 0.75 pt/A (0.125-0.1875 lb ai/A) preemergence to the soil surface after planting, but before weeds or crop emerge. Follow with overhead irrigation (0.2-0.5 inch) to activate the herbicide prior to cucumber cracking the ground.

Bare Ground Transplants

Prepare land for transplanting, apply Reflex Herbicide at 0.5 to 0.75 pt/A (0.125-0.1875 lb ai/A), irrigate (overhead - 0.2 to 0.5 inch) to activate the herbicide, and then prepare plant holes and transplant. Do not punch holes or transplant until after Reflex Herbicide application and irrigation have occurred. Avoid tillage after the Reflex Herbicide application through transplanting.

Row Middle Application

Reflex Herbicide at 0.5 to 1.0 pt/A (0.125-0.25 lb ai/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. Severe injury or plant death will occur if foliage is contacted by Reflex Herbicide.

Use Precautions:

- Foliar application of Reflex Herbicide will severely damage or kill plants.
- The potential of crop injury is greater on lighter textured soils combined with intensive irrigation programs, therefore, adjust use rates accordingly.
- Avoid overhead irrigation during soil cracking and emergence.
- The plant back interval for rotational crops following Reflex Herbicide applied under mulch begins at mulch removal and not at application.
- 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.

Use Restrictions:

- A maximum of 1.0 pint of Reflex Herbicide (**or a maximum of 0.25 lb ai/A of fomesafen from any product containing fomesafen**) may be applied per acre in ALTERNATE years in Michigan.
- Do not exceed 1.0 pint per acre of Reflex Herbicide on cucumber per season in Michigan.
- Do not harvest cucumbers within 42 days of Reflex Herbicide application.

Rotational Crops

Cucurbit vegetables listed on this label may be planted the following season after a Reflex application. For all other rotational crops, refer to the **Rotational Crop Restrictions** section of the Reflex Herbicide federal label for appropriate plant back intervals.

Onion, Dry Bulb; Onion, Green

NOTE: Onion varieties may vary in their response to Reflex Herbicide. If heavy rain occurs shortly after application, Reflex Herbicide may result in injury that could delay maturity or reduce yields. When using Reflex Herbicide for the first time on a particular variety, always determine crop tolerance before using. Plant only high-quality seed or healthy transplants and do not plant when unfavorable growing conditions exist.

Reflex Herbicide rates below 1.0 pt/A (0.25 lb ai/A) are not intended to be used as a stand-alone weed control program and must 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.

Broadcast Application

Apply Reflex Herbicide at 0.5-1.0 pt/A (0.125-0.25 lb ai/A) as a broadcast or directed spray. Apply when the crop has at least one true leaf fully emerged and through the 4-leaf growth stage. Allow a minimum of 15 days between applications with the total not to exceed 1.0 pt/A (0.25 lb ai/A) per season of Reflex

Herbicide.

Use Precautions:

- The potential of crop injury is greater on lighter textured soils combined with intensive irrigation programs, therefore, adjust use rates accordingly.
- 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.

Use Restrictions:

- A maximum of 1.0 pint of Reflex Herbicide (**or a maximum of 0.25 lb ai/A of fomesafen from any product containing fomesafen**) may be applied per acre in ALTERNATE years in Michigan.
- Do not exceed 1.0 pint per acre of Reflex Herbicide on onions per season in Michigan.
- Do not harvest onions within 30 days of Reflex Herbicide application.

Rotational Crops

Bulb vegetables listed on this label may be planted the following season after a Reflex application. For all other rotational crops, refer to the **Rotational Crop Restrictions** section of the Reflex Herbicide federal label for appropriate plant back intervals.

Pea (Succulent)

Note: Pea (succulent) varieties may vary in their response to Reflex Herbicide. If soils are cold and wet during pea germination and emergence, the use of Reflex Herbicide may delay maturity and/or reduce yields. When using Reflex Herbicide for the first time on a particular variety, always determine crop tolerance before using. Plant only high quality seed and do not plant when unfavorable growing conditions exist.

Reflex Herbicide rates below 1 pt/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.

Broadcast Application

Apply Reflex Herbicide at 0.5-1 pt/A preemergence to weeds and crop. Overhead irrigation or rainfall after application and prior to crop emergence will improve weed control and may reduce the potential for crop injury due to splashing.

Tank Mixtures with Other Products Registered for Pea (Succulent)

Reflex Herbicide may be tank mixed with other pesticide products registered for use in succulent pea. Follow the directions for use, observe the stated precautions, and abide by the limitations and restrictions on the most restrictive of the product labels. If you have no previous experience mixing these products under your conditions, perform a jar test to ensure compatibility before attempting large-scale mixing.

General Restrictions – Pea (Succulent)

- A maximum of 1 pint of Reflex Herbicide (**or a maximum of 0.25 lb ai/A of fomesafen from any product containing fomesafen**) may be applied per acre in ALTERNATE years in Michigan.
- Do not exceed 1 pint per acre of Reflex Herbicide on peas (succulent) per season in Michigan.
- Do not harvest peas (succulent) within 46 days of Reflex Herbicide application.

Pepper (Bell and Non-Bell) – Transplanted Only

Note: Pepper varieties may vary in their response to Reflex Herbicide. When using Reflex Herbicide for the first time on a particular variety, always determine crop tolerance before using. Plant only healthy

transplants and do not plant when unfavorable growing conditions exist. Rates provided are on broadcast acre basis and must be adjusted to treated area for banded and under mulch applications

Refer to the Reflex Herbicide federal label for a list of weeds controlled.

Bare Ground Broadcast Application for Transplanted Peppers

Apply Reflex Herbicide at 1 pt/A as a pre-transplant non-incorporated preemergence broadcast application up to seven days prior to transplanting peppers. Effectiveness may be reduced if untreated soil is exposed during transplanting or other cultural operations. Avoid cultural practices that may concentrate Reflex Herbicide treated soil around the transplant root ball. An overhead irrigation or rainfall event between Reflex Herbicide application and transplanting will ensure herbicide activation and will likely reduce the potential for crop injury due to splashing.

Plastic Mulched Systems Preplant Application for Transplanted Peppers

Apply Reflex Herbicide at 1 pt/A as a pre-transplant non-incorporated preemergence broadcast application after final bed formation but prior to laying plastic mulch. Reflex application must be made after the final bed is formed and the drip tape is laid and immediately prior to laying plastic mulch. Soil must not be disturbed by any mechanical process after application. Unless restricted by other products (e.g. soil sterilants or fumigants), crops may be transplanted immediately following the Reflex Herbicide application.

Tank Mixtures with Other Products Registered for Use in Transplanted Peppers

Reflex Herbicide may be tank mixed with other pesticide products registered for use in peppers. Follow the directions for use, observe the stated precautions, and abide by the limitations and restrictions on the most restrictive of the product labels. If you have no previous experience mixing these products under your conditions, perform a jar test to ensure compatibility before attempting large-scale mixing.

General Restrictions - Transplanted Peppers

- A maximum of 1 pint of Reflex Herbicide (**or a maximum of 0.25 lb ai/A of fomesafen from any product containing fomesafen**) may be applied per acre in ALTERNATE years in Michigan.
- Do not exceed 1 pint per acre of Reflex Herbicide on peppers per season in Michigan.
- Do not harvest peppers within 60 days of Reflex Herbicide application.

Pumpkin

Note: Pumpkin varieties may vary in their response to Reflex Herbicide. If soils are cold and wet during pumpkin germination and emergence, the use of Reflex Herbicide may delay maturity and/or reduce yields. If heavy rain occurs shortly after transplanting, Reflex Herbicide may delay maturity and or reduce yields. When using Reflex Herbicide for the first time on a particular variety, always determine crop tolerance before using. Plant only high quality seed or healthy transplants and do not plant when unfavorable growing conditions exist.

Reflex Herbicide rates below 1 pt/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.

Broadcast Application for Directed Seeded Pumpkin

Apply Reflex Herbicide at 0.5-1 pt/A as a preemergence broadcast application to direct seeded pumpkin. An overhead irrigation or rainfall event between Reflex Herbicide application and crop emergence will ensure herbicide activation and will likely reduce the potential for crop injury due to splashing.

Broadcast Application for Transplanted Pumpkin

Apply Reflex Herbicide at 0.5-1 pt/A as a pre-transplant non-incorporated preemergence broadcast application up to 7 days prior to transplanting pumpkins. Effectiveness may be reduced if untreated soil is

exposed during transplanting or other cultural operations. Avoid cultural practices that may concentrate Reflex Herbicide treated soil around the transplant root ball. An overhead irrigation or rainfall event between Reflex Herbicide application and transplanting will ensure herbicide activation and will likely reduce the potential for crop injury due to splashing.

Row Middle Application

Apply Reflex Herbicide at 0.5-1 pt/A as a row middle application after seeding but before crop emergence or prior to transplanting. For row middle application, reduce rate in proportion to area actually treated.

General Restrictions – Pumpkin

- A maximum of 1 pint of Reflex Herbicide (**or a maximum of 0.25 lb ai/A of fomesafen from any product containing fomesafen**) may be applied per acre in ALTERNATE years in Michigan.
- Do not exceed 1 pint per acre of Reflex Herbicide on pumpkin per season in Michigan.
- Do not harvest pumpkin within 32 days of Reflex Herbicide application.

Summer Squash and Winter Squash

Note: Summer squash and winter squash varieties may vary in their response to Reflex Herbicide. If soils are cold and wet during germination and emergence, the use of Reflex Herbicide may delay maturity and/or reduce yields. If heavy rain occurs shortly after transplanting, Reflex Herbicide may delay maturity and/or reduce yields. When using Reflex Herbicide for the first time on a particular variety, always determine crop tolerance before using. Plant only high quality seed or healthy transplants and do not plant when unfavorable growing conditions exist.

Note: Butternut squash is very sensitive to Reflex Herbicide. Do not use Reflex on butternut squash if you cannot accept some stand thinning and/or yield reduction.

Reflex Herbicide rates below 1 pt/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.

Broadcast Application for Directed Seeded Summer Squash and Winter Squash

Apply Reflex Herbicide at 0.5-1 pt/A as a preemergence broadcast application to direct seeded summer squash and winter squash. An overhead irrigation or rainfall event between Reflex Herbicide application and crop emergence will ensure herbicide activation and will likely reduce the potential for crop injury due to splashing.

Broadcast Application for Transplanted Summer Squash and Winter Squash

Apply Reflex Herbicide at 0.5-1.0 pt/A as a pre-transplant non-incorporated preemergence broadcast application up to 7 days prior to transplanting summer squash and winter squash. Effectiveness may be reduced if untreated soil is exposed during transplanting or other cultural operations. Avoid cultural practices that may concentrate Reflex Herbicide treated soil around the transplant root ball. An overhead irrigation or rainfall event between Reflex Herbicide application and transplanting will ensure herbicide activation and will likely reduce the potential for crop injury due to splashing.

Row Middle Application

Apply Reflex Herbicide at 0.5-1.0 pt/A as a row middle application after seeding but before crop emergence or prior to transplanting. For row middle application, reduce rate in proportion to area actually treated.

General Restrictions – Summer Squash and Winter Squash

- A maximum of 1 pint of Reflex Herbicide (**or a maximum of 0.25 lb ai/A of fomesafen from any product containing fomesafen**) may be applied per acre in ALTERNATE years in Michigan.
- Do not exceed 1 pint per acre of Reflex Herbicide on winter squash or summer squash per season in

Michigan

- Do not harvest summer squash or winter squash within 32 days of Reflex Herbicide application.

Tomato – Transplanted Only

Note: Tomato varieties may vary in their response to Reflex Herbicide. When using Reflex Herbicide for the first time on a particular variety, always determine crop tolerance before using. Plant only healthy transplants and do not plant when unfavorable growing conditions exist. Rates provided are on broadcast acre basis and must be adjusted to treated area for banded and under mulch applications.

Refer to the Reflex Herbicide federal label for a list of weeds controlled.

Bare Ground Preplant Application for Transplanted Tomatoes

Apply Reflex Herbicide at 1 pt./A as a pre-transplant non-incorporated preemergence broadcast application up to seven days prior to transplanting tomatoes. Effectiveness may be reduced if untreated soil is exposed during transplanting or other cultural operations. Avoid cultural practices that may concentrate Reflex Herbicide treated soil around the transplant root ball. An overhead irrigation or rainfall event between Reflex Herbicide application and transplanting will ensure herbicide activation and will likely reduce the potential for crop injury due to splashing.

Plastic Mulched Systems Preplant Application for Transplanted Tomatoes

Apply Reflex Herbicide at 1 pt./A as a pre-transplant non-incorporated preemergence broadcast application after final raised bed (well drained) formation but prior to laying plastic mulch. Reflex Herbicide application must be made after the final bed is formed and the drip tape is laid and immediately prior to laying plastic mulch. Soil must not be disturbed by any mechanical process after application. Unless restricted by other products (e.g. soil sterilants or fumigants), crops may be transplanted immediately following the Reflex Herbicide application.

Tank Mixtures with Other Products Registered for Use in Transplanted Tomatoes

Reflex Herbicide may be tank mixed with other pesticide products registered for use in tomatoes. Follow the directions for use, observe the stated precautions, and abide by the limitations and restrictions on the most restrictive of the product labels. If you have no previous experience mixing these products under your conditions, perform a jar test to ensure compatibility before attempting large-scale mixing.

General Restrictions - Transplanted Tomatoes

- A maximum of 1 pint of Reflex Herbicide (**or a maximum of 0.25 lb ai/A of fomesafen from any product containing fomesafen**) may be applied per acre in ALTERNATE years in Michigan.
- Do not exceed 1 pint per acre of Reflex Herbicide on tomatoes per season in Michigan.
- Do not harvest tomatoes within 70 days of Reflex Herbicide application.

Rotational Crop Restrictions*

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

Crop To Be Planted	Minimum Recropping Interval (Months after Last Reflex Herbicide Application)
Cantaloupe	10
Cotton	0
Cucumber	10
Dry bean	0
Eggplant (transplanted only)	12
Field Corn	10

Crop To Be Planted	Minimum Recropping Interval (Months after Last Reflex Herbicide Application)
Lima bean	4
Pea (succulent)	0
Peanuts	10
Pepper (transplanted only)	0
Popcorn	10
Potato	0
Pumpkin	0
Rice	10
Seed corn	10
Small grains such as wheat, barley, rye	4
Snap bean	0
Soybean	0
Squash	0
Succulent soybean (edamame)	0
Succulent beans (other than snap bean and lima bean)	12
Sunflower	12
Sweet corn	10
Tomato (transplanted only)	0
Watermelon	10
All other crops not listed above	18

*These rotational crop restrictions are specific to the rates and crops specified in this label and apply only to the state of Michigan.

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

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24(c) Registrant:
 Syngenta Crop Protection, LLC
 P. O. Box 18300
 Greensboro, North Carolina 27419

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