



REFLEX

Section 24(c) Special Local Need Label

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF WASHINGTON

IN THE FOLLOWING COUNTIES ONLY: ADAMS, BENTON, FRANKLIN AND GRANT

Reflex® Herbicide
For Control of Weeds in Potatoes Grown under Overhead Irrigation Only

EPA Reg. No. 100-993
EPA SLN No. WA-130008

This label for Reflex Herbicide expires and must not be distributed or used in accordance with this SLN registration after December 31, 2022

KEEP OUT OF REACH OF CHILDREN
DANGER/PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

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.

Crop: Potato

Reflex use under this 24(c) label can only be applied to potatoes that are grown under overhead irrigation. Refer to the Restrictions/Precautions section of this label for additional instructions.

Pests Controlled: Broadleaf weeds, including black nightshade, common lambsquarters, hairy nightshade, Powell amaranth and redroot pigweed. See Table 1 of the federal label for additional weeds controlled or partially controlled.

Application Rate: Apply Reflex at 1 pt/A. Note: Potato varieties may vary in their response to Reflex. When using Reflex for the first time on a particular variety, always determine crop tolerance before using.

Spray Volume

Ground Application: Use a minimum of 10 gallons per acre. Nozzle selection should meet manufacturer's gallonage and pressure recommendations for preemergence applications.

Aerial Application: A minimum of 5 gallons per acre of spray mixture should be applied with a maximum of 40 PSI pressure. Use sufficient spray volume and pressure to ensure complete coverage of the target.

Chemigation: This product may be applied through center pivot irrigation systems only. Do not apply through any other type of irrigation system. Apply in ½-1 inch of water. Use the lower water volume (½ inch) on *coarser soils* and the higher volume (1 inch) on *fine-textured soils*. More than 1 inch of water at application may reduce weed control by moving the herbicide below the effective zone in the soil. Refer to the EPA registered label for chemigation directions.

Frequency and Timing of Application: Make one application per season as a broadcast preemergence application after planting but before potato emergence. Effectiveness will be reduced if later cultural practices expose untreated soil.

Rotational Crops: The following rotational crops may be planted after applying Reflex following the directions for use outlined in this 24(c) label:

Rotational Crop	Minimum Rotational Interval after Reflex Application (Months)
Dry beans, snap beans, soybeans and potatoes	0
Wheat	4*
All other crops not listed	18**

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

* A successful field bioassay (refer to **FIELD BIOASSAY INSTRUCTIONS** section) must be performed before planting wheat.

** A successful field bioassay (refer to **FIELD BIOASSAY INSTRUCTIONS** section) must be performed before planting other rotational crops not listed in the table above.

Tank Mixtures With Other Products Registered for Use in Potatoes: For preemergence applications in potatoes, Reflex may be tank mixed with other pesticide products registered for use in this way and timing in potatoes. 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 compatibility test before attempting large-scale mixing (see Tank Mix Compatibility Test section on the federal label).

Field Bioassay Instructions: Plant several strips of the desired crop variety across the field which has been previously treated with Reflex. Plant the strips perpendicular to the direction Reflex was applied. The strips should be located so that all the different field conditions are encountered, including differences in soil texture, organic matter, pH, and drainage. If the crop does not show visible symptoms of injury and/or stand reduction, this field can be planted to this

crop. If visible injury and/or stand reduction occur, do not plant the field to this crop; plant only a labeled crop.

Restrictions/Precautions:

- Do not enter or allow worker entry during the restricted entry interval (REI) of 24 hours.
- Observe a preharvest interval (PHI) of 70 days.
- Do not exceed 1 pint (0.25 lb ai) of Reflex per acre in any one year. Do not apply to any field more than once every two years.
- To prevent injury to rotational crops a minimum of 22 inches of cumulative irrigation must occur from the period following a Reflex application through potato harvest.
- Do not apply to fields with 2% or greater organic matter.
- Do not make a Reflex application after June 1.
- Do not apply Reflex to sweet potatoes or yams.
- Do not apply Reflex as a preplant incorporated application in potatoes or crop injury may occur.
- Do not apply to emerged potato plants or severe crop injury will occur.
- Do not apply to potatoes grown for seed.
- Avoid overlapping spray swaths, as injury may occur to rotational crops.
- **Groundwater Advisory:** Fomesafen is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.
- **Surface Water Advisory:** This product may impact surface water quality due to spray drift and runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for several months after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of fomesafen from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. See the manual for "Conservation Buffers to Reduce Pesticide Losses" at the following internet address:
<http://www.wsi.nrcs.usda.gov/products/W2Q/pest/core4.html>.

WSDA Chemigation Guidance:

Application off-site is prohibited. The chemigation application must be continuously observed whenever sensitive areas as defined in WAC 16-202-1002(44) (including but not limited to schools, parks, dwellings, occupied buildings or structures, public roadways, and waters of the state) are at risk of being exposed to drift, runoff, or overspray. In order to minimize the potential for application off-site, WSDA recommends that the product only be applied through low pressure irrigation systems (defined as 2 to 35 pounds/square inch measured at the nozzle) with a nozzle release height no higher than 3 feet above the target crop, and that end guns be disabled throughout the application.

An inspection port or a direct access point is required, and it must be positioned immediately upstream of the irrigation mainline check valve and be of sufficient size to allow visual and manual inspection of the check valve and low pressure drain. The inspection port or access point must have a minimum diameter of four inches, unless an alternative access system is approved by WSDA (WAC 16-202-1012[1]).

The chemigation application tank cannot be placed within 20 feet of the wellhead or other sensitive areas. Mixing or loading activities cannot occur within 20 feet of the wellhead or other sensitive areas (WAC 16-202-1008[1]).

WSDA Chemigation Rules (WAC 16-202-1001 through WAC 16-202-1024), and information on USEPA Authorized Alternative Chemigation Safety Equipment, Distribution Uniformity and other chemigation topics are available on the WSDA website
<http://agr.wa.gov/PestFert/ChemFert/default.aspx>

WSDA Container Disposal Guidance: Pesticide containers must be properly cleaned prior to disposal. The best time to clean empty pesticide containers is during mixing and loading, because residue can be difficult to remove after it dries. Triple rinse (or pressure rinse) the pesticide container, empty all pesticide rinse water into the spray tank, and apply to a labeled crop or site. Recycling cleaned containers is the best method of container disposal. Information regarding the recycling of empty and cleaned plastic pesticide containers in Washington is available on the WSDA Waste Pesticide Program web site at

<http://agr.wa.gov/PestFert/Pesticides/WastePesticide.aspx>

Cleaned containers may also be disposed of in a sanitary landfill, if permitted by the county. Burning is not a legal method of container disposal in Washington.

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