

# **WHEAT (INCLUDING DURUM), BARLEY AND OATS - SUSCEPTIBLE BROADLEAF WEED SEEDLINGS LESS THAN 8 INCHES TALL OR VINING**

General Information

## **PRODUCT INFORMATION**

Voucher Herbicide is a selective postemergence product for control of annual and perennial broadleaf weeds and volunteer potatoes in wheat, barley, or oats not underseeded with a legume, fallow cropland and on-farm non-cropland uses such as fence rows, building perimeters, around irrigation equipment and roadways.

## **Application Precautions and Restrictions**

- Do not apply this product directly to, or otherwise permit it to come in direct contact with, susceptible crops or broadleaf plants including alfalfa, cotton, lettuce, edible beans, lentils, peas, potatoes, radishes, soybeans, sugar beets, sunflowers, tomatoes, tobacco, grapes, legumes, fruit trees, canola, tame mustard, other vegetables or ornamentals. Vapors from this product may injure susceptible plants in the immediate vicinity.
- Avoid applications where proximity of susceptible crops or other susceptible broadleaf plants is likely to result in exposure to spray or spray drift.
- Do not contaminate irrigation ditches or water used for domestic purposes.
- Do not apply in greenhouses.
- Maximum Application Rate: Do not apply more than 35 fl. oz. of Voucher Herbicide (0.178 lb. ae fluroxypyr plus 0.71 lb. ae MCPA) per acre per growing season.
- Plant-back Restriction: Plant only those crops listed on the label or Federally approved supplemental labeling for Voucher Herbicide within 120 days following application. For crops not listed on an MCPA label, or on crops for which no residue tolerances for MCPA have been established, a 1-year plantback interval must be observed.

- Chemigation: Do not apply this product through any type of irrigation system.

Management of Kochia Biotypes: Research has suggested that many biotypes of kochia can occur within a single field. While kochia biotypes can vary in their susceptibility to Voucher Herbicide, all will be suppressed or controlled by the 1 1/2 pint labeled rate. Application of Voucher Herbicide at rates below the 1 1/2 pint rate can result in a shift to more tolerant biotypes within a field.

Best Resistance Management Practice: Extensive populations of dicamba-tolerant kochia have been identified in certain small grain and corn production regions (such as Chouteau, Fergus, Liberty, Toole, and Treasure counties in the state of Montana). In these areas, Voucher Herbicide should be applied at a minimum rate of 1 1/2 pints per acre for optimal control of dicamba-tolerant kochia. In addition, Voucher Herbicide should be rotated with products that do not contain dicamba to minimize selection pressure. Use of these practices will preserve the utility of Voucher Herbicide for control of dicamba-tolerant kochia biotypes.

## APPLICATION DIRECTIONS

Application Timing: Apply to actively growing weeds. Extreme growing conditions such as drought or near freezing temperatures prior to, at and following time of application may reduce weed control and increase the risk of crop injury at all stages of growth. Only weeds that are emerged at the time of application will be affected. Foliage that is wet at the time of application may decrease control.

Voucher Herbicide applications are rain-fast within 1 hour after application.

Application Rates: Generally, application rates at the lower end of the rate range will be satisfactory for young, succulent growth of sensitive weed species. For less sensitive species, perennials, and under conditions where control is more difficult (plant stress conditions such as drought or extreme temperatures, dense weed stands and/or larger weeds), the higher rates within the rate range will be needed. Weeds growing in the absence of crop competition generally require higher rates to obtain satisfactory control or suppression.

Effect of Temperature on Herbicidal Activity: Herbicidal activity of Voucher Herbicide is influenced by weather conditions. Optimum activity requires active crop and weed growth.

The temperature range for optimum herbicidal activity is 55°F to 75°F. Reduced activity will occur when temperatures are below 45°F or above 85°F. Frost before application (3 days) or shortly after (3 days) may reduce weed control and crop tolerance.

Coverage: For best results, apply in 3 or more gallons per acre by air or in 8 or more gallons per acre by ground equipment. Do not exceed 40 gallons per acre total spray volume. Use sufficient spray volume to provide thorough coverage and a uniform spray pattern. Inadequate spray volume and coverage may result in decreased weed control. As crop canopy and weed density increase, spray volume should be increased to obtain equivalent weed control. Use larger nozzle tips or decrease spraying speed to increase spray volume rather than increasing boom pressure.

Limitations, Restrictions, and Exceptions

#### WHEAT (INCLUDING DURUM), BARLEY, AND OATS

Apply as a broadcast postemergence treatment to actively growing wheat (including durum), barley or oats, from the 3-leaf crop growth stage up to and including flag leaf emergence (Zadoks scale 39) for control of broadleaf weeds. Apply when weeds are actively growing, but before weeds are 8 inches tall or vining. For control of volunteer potatoes, apply before potato plants are 8 inches tall. Only weeds emerged at the time of treatment will be controlled. Extreme growing conditions such as drought or near freezing temperatures prior to, at and following time of application may reduce weed control and increase the risk of crop injury at all stages of growth. Do not use if cereal crop is underseeded with a legume.

Spot Application: Spot applications may be made; however, to prevent over-application spot treatments should be applied at rates and spray volumes equivalent to broadcast application. See instructions for "Spot Application" in "Application Directions" section.

## Restrictions:

- Do not apply more than 35 fl. oz. (0.178 lb. ae fluroxypyr plus 0.71 lb. ae MCPA) per acre of Voucher Herbicide or make more than one application per season.
- Do not allow livestock to forage or graze treated areas within 7 days after application.
- Preharvest Interval: Do not apply within 14 days before cutting of hay or 40 days before harvesting of grain and straw.

## NOTES:

- Kochi: Includes herbicide-tolerant biotypes.
- Mustard (except blue): Apply prior to bolting.
- Weeds Suppressed: Suppression is expressed as a reduction in weed competition (reduction population or vigor) as compared to untreated areas. The degree of weed control and duration of effect may vary with weed size, density, application rate, coverage, and growing conditions before, during and after treatment.

## Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Spot treatment](#)

## Rates

[field rates 0](#)

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## Restricted Entry Interval

48 hours

## Timings

[Postemergence \(Weed\)](#)