



BEST AVAILABLE COPY

ACCEPTED
NOV 7 1984
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under
EPA Reg. No. 707-174

SUPPLEMENTAL LABELING FOR GOAL (R) 1.6E HERBICIDE USE ON ONIONS

DIRECTIONS FOR USE

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

NOTICE: Before using this product, read the entire Precautionary Statements, Conditions of Sale and Warranty, Directions for Use, Use Precautions and Storage and Disposal Instructions on back panel and attached use directions. If the conditions of Sale and Warranty are not acceptable, return the product unopened within thirty days of purchase to the place of purchase.

GENERAL INFORMATION

GOAL 1.6E is a selective herbicide for postemergence application to direct seeded and transplanted onions for early postemergence control of certain annual broadleaf and grass weeds. Initial spray application should be made only when the onions have reached the development stage specified in the "DOSAGE" section and the "SPECIFIC USE RESTRICTIONS" section of this label. On onion transplants spray as soon after transplanting as practical. GOAL 1.6E herbicide can cause necrotic lesions, twisting, pigtailling or stunting of the onion plants. Injury will be more severe if applications are made immediately following or during cool, wet weather and/or if applications are made prior to the development stage of the onion plants as specified in the "DOSAGE" section and the "SPECIFIC USE RESTRICTIONS" section of this label.

WEEDS CONTROLLED

GOAL 1.6E herbicide will provide postemergence control of the following weeds when applied at the recommended dosage and leaf stage (2 to 4 leaves).

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|--------------------------|-------------------------|
| CANARYGRASS (annual) | Phalaris canariensis |
| EVENINGPRIMROSE, CUTLEAF | Oenothera laciniata |
| GROUNDSEL, COMMON | Senecio vulgaris |
| MALLOW, LITTLE (Malva) | Malva parviflora |
| NIGHTSHADE, BLACK | Solanum nigrum |
| *PIGWEEED, PROSTRATE | Amaranthus blitoides |
| *PIGWEEED, REDROOT | Amaranthus retroflexus |
| PUNCTUREVINE | Tribulus terrestris |
| *PURSLANE, COMMON | Portulaca oleracea |
| ROCKET, LONDON | Sisymbrium irio |
| SAGE, LANCELEAF | Salvia lanceolata |
| *SHEPHERDSPURSE | Capsella bursa-pastoris |
| SOWTHISTLE, ANNUAL | Sonchus oleraceus |

*Specific weeds controlled at rates recommended for use in Northeastern States (See "DOSAGE" Section).

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DOSAGE
SEEDED ONIONS

NORTHEASTERN STATES (CONNECTICUT, MAINE, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, RHODE I LAND, VERMONT)

GOAL 1.6E herbicide is recommended for postemergence control at 2.4 to 4.8 fluid ounces (0.03 to 0.06 lb. active) per acre when applied postemergence to seeded onions that have at least three (3) true leaves. For transplanted onions apply the same rates within two days after transplanting. Multiple treatments at the aforementioned rate may be applied. Do not apply more than 2.5 pints (0.5 lb. active) per broadcast acre of GOAL 1.6E herbicide as a result of multiple applications in one season.

WESTERN STATES (ARIZONA, CALIFORNIA, COLORADO, IDAHO, NEVADA, NEW MEXICO, OREGON, TEXAS, UTAH, WASHINGTON)

GOAL 1.6E herbicide is recommended for postemergence control at 0.6 to 1.25 pints (0.12 to 0.25 lb. active) per acre when applied postemergence to onions that have at least two (2) true leaves. Multiple treatments at the aforementioned rates may be applied. Do not apply more than 2.5 pints (0.5 lb. active) per broadcast acre of GOAL 1.6E herbicide in one season.

ALL OTHER STATES

GOAL 1.6E herbicide is recommended for postemergence control at 0.6 pints (0.12 lb. active) per acre when applied postemergence to onions that have at least two (2) true leaves. Multiple treatments at the aforementioned rates may be applied. Do not apply more than 2.5 pints (0.5 lb. active) per broadcast acre of GOAL 1.6E herbicide in one season.

DOSAGE

TRANSPLANTED ONIONS (ALL STATES)

Transplanted onions are most tolerant of a GOAL 1.6E herbicide application immediately after transplanting. For all states except the Northeastern states listed under the "DOSAGE-SEEDED ONIONS" section, an application of up to 2.5 pints per acre (0.5 lb. active ingredient) within two days after transplanting may be made. If less than 2.5 pints per acre is applied, a second application can be made two weeks or more after transplanting. Do not exceed the maximum use rate of 2.5 pints of GOAL 1.6E herbicide per acre (0.5 lb. active ingredient) per season. For transplant onions in the Northeastern states, see "DOSAGE-SEEDED ONIONS" section.

TIMING AND METHOD OF APPLICATION

For best postemergence control of susceptible weeds, apply when the weeds are in the 2 to 4 leaf stage. Application of GOAL 1.6E herbicide after the weeds exceed the maximum leaf stage may result in reduced weed control. More than one postemergence application may be necessary to control subsequent weed flushes.

GOAL 1.6E herbicide should be thoroughly mixed with clean water at recommended concentrations, and applied in a minimum of 40 gallons of water per acre. Use conventional ground spray equipment with flat fan spray nozzles, at 20 to 40 psi. Accurately calibrate spray equipment prior to each use. Avoid drift to all other crops and non-target areas. Thoroughly flush the spray equipment (tank, hose, pump, boom) with water before and after each use. Residual GOAL 1.6E remaining in spray equipment may damage other crops.

CULTURAL CONSIDERATIONS

On mineral soils, in order to provide maximum preemergence activity, the soil surface should be smooth and free of excessive trash (clippings, dead weeds, etc.). Rain or irrigation is not necessary immediately following application; however, preemergence weed control is best when application is followed within two weeks by rainfall.

Cultural practices which result in redistribution or disturbance of the soil surface after spraying will destroy the herbicidal effectiveness of the treatment. Cultivations that mix untreated soil in treated areas will also reduce the effectiveness of the treatment. The best results from GOAL 1.6E herbicide are from applications on established beds which are left undisturbed during the time period for which weed control is desired.

SPECIFIC USE RESTRICTIONS

The following use restrictions should be observed when GOAL 1.6E herbicide is used as recommended on this label. Follow General Use Restrictions listed on the GOAL 1.6E herbicide label.

- In all states except Northeastern states, do not start spraying until the onions have two (2) fully developed true leaves. In the Northeastern states (Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island, Vermont), do not start spraying until the onions have three (3) fully developed true leaves. Applications made prior to recommended onion development stage may result in serious injury and is not recommended.
- Do not apply more than a total of 2.5 pints (0.5 lb. active) per acre of GOAL 1.6E herbicide during one use season.
- Do not apply within 60 days of harvest.
- Use only on dry bulb onions.
- Do not mix GOAL 1.6E herbicide with oils, surfactants, liquid fertilizers or pesticides.
- Do not apply to onion plants that are under stress due to drought, flooding, excessive fertilizer or soil salts, wind injury, hail, frost damage, injury from previously applied pesticides, or injury due to insects or diseases.

CONDITIONS OF SALE AND WARRANTY

Rohm and Haas warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. ROHM AND HAAS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Crop injury, ineffectiveness or other unintended consequences resulting from such factors as failure to follow label directions, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property, handling, storage and manner of use are beyond the control of Rohm and Haas and Seller. All such risks will be assumed by the Buyer or User. In no case will Rohm and Haas or Seller be held liable for consequential, special or indirect damages resulting from the use or handling of this product.

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