

**GOAL 1.6E HERBICIDE**

EPA REG. NO. 707-174

EPA EST. NO. 707-PA-1

**SUPPLEMENTAL LABELING FOR GROUND OR AERIAL APPLICATION OF GOAL 1.6E HERBICIDE ON FALLOW BEDS (TO BE PLANTED TO COTTON OR SOYBEANS) (NOT FOR USE ON FALLOW BEDS TO BE PLANTED TO SOYBEANS IN CALIFORNIA)**

**DIRECTIONS FOR USE**

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

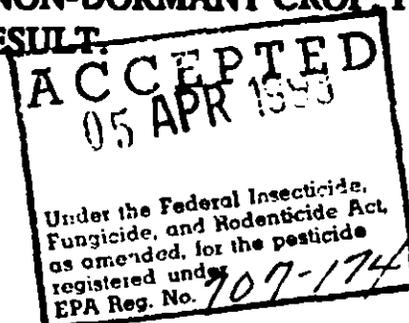
**NOTICE:** Before using this product, read the entire precautionary Statements, Conditions of Sale and Warranty, Directions for Use, Use Precautions and Storage and Disposal Instructions on back panel and attached use directions. If the conditions of Sale and Warranty are not acceptable, return the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

**GENERAL INFORMATION**

GOAL 1.6E is effective as a preemergence and/or postemergence herbicide when used alone or in a tank mix combination with glyphosate (Roundup) or paraquat (Gramoxone) for the control of winter annual broadleaf weeds in fallow beds to be planted to either cotton or soybeans. Do not apply GOAL 1.6E within seven days prior to planting. Unless otherwise specified in this label, the fallow beds should be worked thoroughly to a depth of at least two inches prior to planting. It is important to thoroughly break the soil surface prior to planting. Weed control should not be expected following breaking of the soil surface.

(Outside of California.) If a fallow bed treatment is applied thirty days or more prior to planting and at least three significant rainfalls (0.25 inch or greater) have occurred following application, cotton or soybeans can be planted directly into the stale seedbed. If these conditions cannot be met, soil incorporation is required as directed above.

**EXERCISE EXTREME CARE TO AVOID HERBICIDE CONTACT WITH ANY DESIRABLE DORMANT OR NON-DORMANT CROP, PLANT, TREE OR VEGETATION AS SEVERE INJURY MAY RESULT.**



**GOAL 1.6E HERBICIDE USED ALONE**

**DOSAGE**

GOAL 1.6E herbicide may be applied at 1.25 to 2.5 pints (0.25 to 0.5 lb. active) per broadcast acre. The lower rate (1.25 pints per acre) should provide up to four weeks of preemergence control of susceptible and provide postemergence control on susceptible weeds (up to four leaf stage). The higher rate (2.5 pints per acre) should provide preemergence control of susceptible weeds for up to eight weeks and postemergence control on susceptible weeds (up to six leaf stage). Best preemergence control is achieved when irrigation or rainfall occurs within three or four weeks following application.

**WEEDS CONTROLLED**

GOAL 1.6E herbicide should provide preemergence and postemergence\* control of the following weeds when used at recommended dosages and weed stage.

- |                             |                               |
|-----------------------------|-------------------------------|
| BUTTERCUP, SMALLFLOWER      | Ranunculus abortivus          |
| CHEESEWEED (MALVA)          | Malva parviflora              |
| ** EVENINGPRIMROSE, CUTLEAF | Oenothera laciniata           |
| FIDDLENECK, COAST           | Amsinckia intermedia          |
| FILAREE, BROADLEAF          | Erodium botrys                |
| FILAREE, REDSTEM            | Erodium cicutarium            |
| GERANIUM, CAROLINA          | Geranium carolinianum         |
| GROUNDCHERRY, CUTLEAF       | Physalis angulata             |
| GROUNDSEL, COMMON           | Senecio vulgaris              |
| HENBIT                      | Lamium amplexicaule           |
| LADYSTHUMB                  | Polygonum persicaria          |
| MINERSLETTUCE               | Montia perfoliata             |
| MUSTARD SPECIES             | Cardamine spp., Brassica spp. |
| NETTLE, BURNING             | Urtica urens                  |
| OXALIS                      | Oxalis pes-caprae             |
| PIGWEED, REDROOT            | Amaranthus retroflexus        |
| PURSLANE, COMMON            | Portulaca oleracea            |
| REDMAIDS                    | Calandrinia caulescens        |
| ROCKET, LONDON              | Sisymbrium irio               |
| SHEPHERDSPURSE              | Capsella bursa-pastoris       |
| SIDA, PRICKLY               | Sida spinosa                  |
| SOWTHISTLE, ANNUAL          | Sonchus oleraceus             |
| VELVETLEAF (Wild Cotton)    | Abutilon theophrasti          |

- \* Thorough spray coverage is essential to maximize the postemergence activity of GOAL 1.6E herbicide. For postemergence control when applied by air, a tank mixture of GOAL 1.6E herbicide with either glyphosate (Roundup) or paraquat (Gramoxone) is recommended.

\*\* Requires maximum rate and/or multiple applications for effective control.

### TANK MIXES WITH GOAL 1.6E

**IMPORTANT:** Read and observe all label directions before using. When tank mixing, always read all individual manufacturer's labels. In interpreting all labels for the tank mix, the most restrictive situations must apply.

### DOSAGE

GOAL 1.6E herbicide can be tank mixed with either glyphosate (Roundup) or paraquat (Gramoxone) to obtain postemergence control of annual grassy weeds, volunteer grains and broadleaf weeds. Tank mix 1.25 to 2.5 pints (0.25 to 0.5 lb. active) of GOAL 1.6E with labeled rates of either glyphosate or paraquat. Apply at the recommended rates and growth stages to susceptible weed species in a manner consistent with the respective labels.

(Outside of California) For enhanced contact activity (burndown/suppression) to either glyphosate or paraquat, add GOAL 1.6E at a rate of 4 to 8 ounces (0.05 to 0.1 lb. active) per acre to labeled rates of either glyphosate or paraquat. Apply at the recommended rates and growth stages to susceptible weed species in a manner consistent with the respective labels.

### METHOD OF APPLICATION

#### GROUND APPLICATION:

GOAL 1.6 herbicide should be applied in a minimum of 20 gallons of water per acre. The volume of water used should be increased as the weeds become taller and more dense. Use a low pressure sprayer equipped with flat fan nozzles. Spray equipment should be calibrated carefully before each use.

#### AERIAL APPLICATION:

GOAL 1.6E herbicide should be applied using swirl jet or hollow cone nozzles and a spray pressure less than 40 psi to deliver a minimum spray volume of 5 gallons per acre (In California, minimum 10 GPA when applied alone or tank mixed with paraquat). Applications should be made at a height of 6 to 10 feet above the soil surface. It is suggested that the

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nozzles on the spray booms should not be placed any closer to the wing or rotor tips than 3/4 of the span; this will minimize the formation of spray or wing tip vortice roll. Nozzles should be spaced and positioned to produce a uniform spray pattern and to minimize or eliminate the formation of droplets 100 microns or less in diameter.

**AVOID DRIFT:**

**WHEN APPLYING TO FALLOW BEDS, EXTREME CARE MUST BE EXERCISED TO PREVENT SPRAY DRIFT WHICH COULD RESULT IN DAMAGE TO OTHER CROPS OR DESIRABLE VEGETATION. USE THE FOLLOWING GUIDELINES WHEN AERIAL APPLICATIONS ARE TO BE MADE:**

1. Do not apply when the wind direction is not stable, when inversion conditions exist, or when wind velocity exceeds 10 mph.
2. When wind speeds are 5 mph or less, maintain a minimum downwind buffer zone of at least 1/2 mile from all crops and desirable vegetation, except the following:

Maintain a minimum downwind buffer zone of:

- \* 150 feet from dormant treefruit/nut/vine crops and overwintering sugarbeets.
- \* 650 feet from garlic, jojoba, legumes, onions, pastures, small grains, seedling sugarbeets, and vegetable fallow beds.

3. When wind speeds are between 5 and 10 mph, downwind buffer zones in excess of those listed above are suggested.
4. For upwind and side borders, maintain a minimum buffer zone of 150 feet from any vegetable fallow bed, crop, or desirable vegetation.

The use of a drift control agent may be required by local regulations. However, the drift control agent may decrease the weed control activity.

**IMPORTANT**

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Aerial applicators must be familiar with the EPA-registered label and follow the use precautions. Spraying GOAL 1.0E herbicide in a manner other than as recommended is done at the user's risk. Users are responsible for all loss or damage which results from such spraying. In addition, aerial applicators should follow all applicable state and local regulations

and ordinances. In interpreting the label and local regulations, the most restrictive situations should apply to avoid drift hazards.

**SPECIFIC USE RESTRICTIONS:**

In addition to the following, also observe **GENERAL USE RESTRICTIONS** listed at the end of the EPA registered label.

- \* Read and observe all label directions before using. When tank mixing, always read all individual manufacturers' labels. In interpreting all labels for the tank mixture, the most restrictive situations must apply.
- \* Do not apply more than 2.5 pints (0.5 lb. active) of GOAL 1.6E herbicide per acre, per fallow season.
- \* Do not apply GOAL 1.6E within 7 days prior to planting of cotton or soybeans.

**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.** Handling, storage and use of the product by Buyer or User are beyond the control of Rohm and Haas and Seller. Risks such as crop injury, ineffectiveness or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property or failure to follow label directions 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 HANDLING, STORAGE OR USE OF THIS PRODUCT.**

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