

1M23 REGA 707-174 1/4

**ROHM AND HAAS COMPANY**

INDEPENDENCE MALL WEST  
PHILADELPHIA, PENNSYLVANIA 19105



GOAL<sup>R</sup> 1.6E Herbicide  
EPA Reg. No. 707-174

ACCEPTED  
JAN 22 1988  
707-174

Proposed Supplemental Labeling  
Use on Coffee in Hawaii



5 0  
9 3  
0 3

**ROHM AND HAAS COMPANY**

INDEPENDENCE MALL WEST  
PHILADELPHIA, PENNSYLVANIA 19105

EPA REG. NO. 707-174-AA  
EPA EST. NO. 707-PA-1



SUPPLEMENTAL LABELING FOR THE USE OF GOAL 1.6E HERBICIDE IN BEARING AND NONBEARING COFFEE IN HAWAII.

**DIRECTIONS FOR USE**

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.

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

**GENERAL INFORMATION**

GOAL 1.6E is effective as a preemergence herbicide when used alone for the control of certain annual broadleaf weeds in bearing and nonbearing coffee plantings. Preemergence control is most effective when spray is applied to clean, weed-free established soil surfaces. Treated berms or soil surfaces should not be disked or disturbed in any manner as the herbicide effectiveness of GOAL 1.6E may be decreased. Seedling weeds are controlled as they come in contact with soil applied herbicide during emergence.

For postemergence control of certain grassy broadleaf weeds, a tank mixture of either paraquat (Gramoxone) or Roundup® with GOAL 1.6E herbicide can be used. The most effective postemergence weed control is achieved when tank mix combinations of GOAL 1.6E herbicide with paraquat (Gramoxone) or Roundup are applied to seedling weeds (less than four inches in height).

**GOAL 1.6E HERBICIDE**

DOSAGE

For preemergence control of susceptible weeds, GOAL 1.6E herbicide is recommended at 2.5 to 10.0 pints (0.5 to 2.0 lbs. active) per broadcast acre as a preemergence application directed to the orchard floor beneath coffee plants, or at a dosage of up to 5.0 pints per broadcast acre as a pre-transplant application.

For directed spray applications, coffee transplants must be healthy, and of suitable size for field transplanting. Avoid spray contact with coffee foliage as injury may result.

For postemergence control of annual broadleaf and grass weed species, a tank mix of GOAL® 1.6E herbicide with Roundup or paraquat (Gramoxone) may be applied as a directed spray. GOAL 1.6E herbicide may be tank mixed at 2.5 to 10 pints per broadcast acre according to weeds present and growth stage. The lower rate (0.5 lb. active) will assist in the control of seedling weeds less than four inches in height. The higher rate (2.0 lb. active) is recommended for control of seedling weeds less than four inches in height and will provide additional preemergence control of susceptible weeds. Refer to the Roundup or the paraquat (Gramoxone®) label for susceptible weed species and recommended use rates for control.

Dosages listed are for broadcast application. For banded application, the amount of GOAL 1.6E herbicide used per acre should be reduced according to the following formula.

<u>Band Width (in.)</u>		Rate per		Amount Needed per Acre
<u>Row Width (in.)</u>	X	Acre Broadcast	=	for Banded Application

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.

WEEDS CONTROLLED PREEMERGENCE

AGERATUM	Ageratum conyzoides
BUTTONWEED	Borreria laevis
CROTALARIA	Crotalaria species
PURSLANE, COMMON	Portulaca oleracea
SPURGE, GARDEN	Euphorbia hirta

TIMING AND METHOD OF APPLICATION

DO NOT APPLY PREPLANT OR PREEMERGENCE TO DIRECT SEEDED COFFEE.

Treatments should only be applied to healthy coffee stock (as determined by standard commercial growing practices). Care must be taken to prevent direct spray contact with foliage. Coffee foliage receiving accidental spray or drift may be injured.

As a preemergence or postemergence treatment to weeds, apply in a minimum of 30 gallons of water per acre. Use higher volumes to assure adequate coverage in high densities of emerged weeds or heavy trash. GOAL 1.6E herbicide should be directed to the soil and the base of the tree. Use of a low pressure sprayer equipped with a breakaway boom and flat fan or off-center (OC) nozzles is recommended. Spray equipment should be calibrated carefully before use.

MIXING DIRECTIONS: Fill the spray tank at least one-third full of clean water and add the recommended amount of GOAL 1.6E herbicide while the pump and agitator are running. If tank mixing, add the recommended amounts of Roundup or paraquat (Gramoxone). Complete filling of the spray tank with water and then add one to two quarts of a nonionic surfactant such as TRITON® AG-98 or comparable 80% active nonionic surfactant cleared for application to growing crops, per each 100 gallons of spray. Maintain agitation until spraying is completed.



**CULTURAL CONSIDERATIONS:** In order to provide maximum effectiveness of preemergence activity of GOAL® 1.6E herbicide, the berm or soil surface should be smooth and free of crop or weed trash (decaying leaves, clippings, dead weeds, etc.). Leaves and trash may be removed by blowing the area to be treated or by thoroughly mixing the trash into the soil through cultivation prior to herbicide application.

For best preemergence activity, at least one-quarter inch (1/4 inch) of water should be applied within three to four weeks after application if no rainfall occurs.

Cultural practices which result in redistribution or disturbance of the soil surface after treatment will decrease the herbicidal effectiveness of GOAL 1.6E. Cutting water furrows or cultivations that mix untreated soil into treated areas will also reduce the effectiveness of the treatment. The best results are from applications to established berms or soil surfaces which are left undisturbed during the time period for which weed control is desired.

**USE PRECAUTIONS (GOAL 1.6E Herbicide)**

The following use precautions should be observed when GOAL 1.6E herbicide is used alone or in any combination suggested.

- Follow General Use Restrictions listed on 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 preplant or preemergence to direct seeded coffee. ✓
- Direct spray toward the base of the trees. Avoid direct plant contact.
- GOAL 1.6E herbicide or any of the combinations recommended on this label should be applied to only healthy growing trees/transplants under standard commercial growing practices.
- Do not apply more than 10 pints (2.0 lb. active) per broadcast acre of GOAL 1.6E herbicide in a single application or 30 pints (6.0 lb. active) per broadcast acre per year.
- Do not apply GOAL 1.6E herbicide within one (1) day of harvest.
- Applications of GOAL 1.6E herbicide during periods of rapid new foliage growth may cause injury.

GOAL® and TRITON® are registered trademarks of Rohm and Haas Company, Philadelphia, or its subsidiaries or affiliates.

GRAMOXONE® is a registered trademark of ICI Americas, Inc.

ROUNDUP® is a registered trademark of the Monsanto Company.

JAH:mej  
(0096h/327Z)  
8/14/87

