

PM 03 RE 64-107 174

ROHM AND HAAS COMPANY

INDEPENDENCE MALL WEST

PHILADELPHIA, PENNSYLVANIA 19105



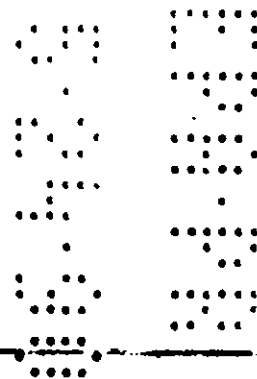
GOAL^R 1.6E Herbicide
EPA Reg. No. 707-174

ACCEPTED

JUL 9 1990

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

Proposed Amendment to Label
Addition of Mayhaws to the Treefruit/Nuts/Vine Section of the Label



TREEFRUIT/NUT/VINE

DORMANT APPLICATION

ALMOND, APPLE, APRICOT, AVOCADO, BEECHNUT,
BRAZIL NUT, BUTTERNUT, CASHEW, CHERRY,
CHESTNUT, CHINQUAPIN, CRAB APPLE, DATE, FIG,
FILBERT, GRAPES, HICKORY NUT, KIWI, LOQUAT,
MACADAMIA NUT, NECTARINE, OLIVES, PEACH,
PEAR, PECAN, PISTACHIO, PLUM, POMEGRANATES,
PRUNE, QUINCE, WALNUT

Mayhaws

GENERAL INFORMATION

GOAL 1.6E is effective as a preemergence and/or postemergence herbicide when used alone or in recommended combinations, for the control of certain annual broadleaf weeds, in certain bearing and nonbearing treefruit, nut or vine plantings.

The most effective postemergence weed control is achieved when GOAL 1.6E herbicide is applied to seedling weeds. For postemergence control of certain grassy and broadleaf weeds, a tank mixture of GOAL 1.6E herbicide with either Gramoxone Super or Roundup can be used.

For residual grass control in dormant treefruit, nut or vine plantings, a tank mixture of GOAL 1.6E herbicide with Dyrrol, Karmex, KERB®, simazine, Soncam or Surflan can be applied. Contact herbicides such as Gramoxone Super or Roundup may also be added to the tank mixture.

Check individual product labels to determine suitability and use rates for various crops.

GOAL 1.6E HERBICIDE USED ALONE

GEOGRAPHIC USE DIRECTIONS

ARIZONA AND CALIFORNIA

DOSAGE

GOAL 1.6E herbicide is recommended for postemergence control at 2.5 to 10 pints (0.5 to 2.0 lb. active) per broadcast acre.

WEEDS CONTROLLED POSTEMERGENCE (weeds up to 4 inches high) — Apply 2.5 to 10 pints (0.5 to 2.0 lb. active) of GOAL 1.6E herbicide per broadcast acre. Applications to weeds beyond this 4 inch stage may result in partial control.

CHEESEWEED (MALVA)
FIDDLENECK, COAST
*FILAREE, BROADLEAF
*FILAREE, REDSTEM
*FILAREE, WHITESTEM
GROUNDSEL, COMMON
HENBIT

MINERSETTUCE
NETTLE, BURNING
PIGWEEED, REDROOT
REDMAIDS
SHEPHERDSPURSE
SOWTHISTLE, ANNUAL

*GOAL 1.6E herbicide at the 10 pint rate (2.0 lb. active) will provide control of filaree not exceeding the 4 inch stage. Applications to filaree beyond the 4 inch stage may result in partial control.

***WEEDS CONTROLLED PREEMERGENCE** — Apply 6 to 10 pints (1.2 to 2.0 lb. active) of GOAL 1.6E herbicide per broadcast acre.

BURCLOVER
CHEESEWEED (MALVA)
FIDDLENECK, COAST
FILAREE, BROADLEAF
FILAREE, REDSTEM
FILAREE, WHITESTEM
GROUNDSEL, COMMON
HENBIT
KNOTWEED, PROSTRATE

LAMBSQUARTERS, COMMON
LETTUCE, PRICKLY
PIGWEEED, REDROOT
PURSLANE, COMMON
REDMAIDS
ROCKET, LONDON
SHEPHERDSPURSE
SOWTHISTLE, ANNUAL

ALL OTHER STATES (EXCEPT CALIFORNIA AND ARIZONA)

DOSAGE

GOAL 1.6E herbicide is recommended for postemergence control at 2.5 to 10 pints (0.5 to 2.0 lb. active) per broadcast acre. For preemergence control of susceptible weeds, use 6 to 10 pints (1.2 to 2.0 lb. active) per broadcast acre.

WEEDS CONTROLLED POSTEMERGENCE — Apply 2.5 to 10 pints (0.5 to 2.0 lb. active) of GOAL 1.6E herbicide per broadcast acre. The lower rate is recommended for the control of susceptible seedling weeds in the early postemergence stage up to the 4 leaf stage. The higher rate (2.0 lb. active) should be used for weeds up to the 6 leaf stage. Applications to weeds beyond the 6 leaf stage may result in partial control.

BALSAMAPPLE
COCKLEBUR, COMMON
*CUDWEED, NARROWLEAF
*EVENINGPRIMROSE, CUTLEAF
GROUNDCHERRY, CUTLEAF
GROUNDCHERRY, WRIGHT
JIMSONWEED
LAMBSQUARTERS, COMMON

MORNINGGLORY, ANNUAL
NIGHTSHADE, AMERICAN BLACK
NIGHTSHADE, BLACK
PEPPERWEED, VIRGINIA
PIGWEEED, REDROOT
POWSETTIA, WILD
PURSLANE, COMMON
SESUVIA, MEPP
SHEPHERDSPURSE

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WEEDS CONTROLLED POSTEMERGENCE (Cont'd)

SIDA, PRICKLY (TEAWEED) SOWTHISTLE, ANNUAL
SMARTWEED, PENNSYLVANIA VELVETLEAF

*Maximum 0.5 inch diameter.

**Highest rate and/or multiple applications may be required for acceptable control. Do not apply more than 10 pints (2.0 lb. active) per broadcast acre of GOAL 1.6E herbicide in one season.

WEEDS CONTROLLED PREEMERGENCE — Apply 6 to 10 pints (1.2 to 2.0 lb. active) of GOAL 1.6E herbicide per broadcast acre.

CAMPBELLWEED	PIGWEEED, REDROOT
CLONWEED, NARROWLEAF	POINSETTIA, WILD
**EVENINGPRIMROSE, CUTLEAF	SIDA, PRICKLY
GROUNDCHERRY, CUTLEAF	SMARTWEED, PENNSYLVANIA
JIMSONWEED	SOWTHISTLE, ANNUAL
LAMBSQUARTERS, COMMON	SPURGE, PROSTRATE
NIGHTSHADE, AMERICAN BLACK	SPURGE, SPOTTED
NIGHTSHADE, BLACK	VELVETLEAF
PEPPERWEED, VIRGINIA	

**Highest rate and/or multiple applications may be required for acceptable control. Do not apply more than 10 pints (2.0 lb. active) per broadcast acre of GOAL 1.6E herbicide in one season.

ALL STATES

TIMING AND METHOD OF APPLICATION

In Arizona and California, applications of GOAL 1.6E herbicide should be made October 1 through February 15. In Coachella Valley (California), do not apply to grapes after Feb. 1.

In all states dormancy determines the suitability and safety of using GOAL 1.6E herbicide in treefruit, nut and vine plantings. Do not apply GOAL 1.6E herbicide after buds start to swell or when fruit/nuts are present.

As a preemergence treatment, apply a minimum of 40 gallons of water per acre. Use higher volumes to assure adequate coverage in high densities of emerged weeds or heavy trash. Best preemergence results are achieved when spray is applied to a relatively weed-free established berm or soil surface. GOAL 1.6E herbicide should be directed to the soil and the base of dormant trees or vines. Use a low-pressure sprayer equipped with a breakaway boom and flat fan nozzles. An off-center (OC) nozzle positioned at the end of the boom may be desired. See SPECIFIC USE RESTRICTIONS for GOAL 1.6E herbicide application on dormant tree or vine plantings.

SPRAY VOLUME:	Gallons of Water
Weed Stage	per Acre
Preemergence	40 or more
Postemergence	
(up to 4 inch or 4 leaf stage)	40 or more
Exceeding 4 inch or 4 leaf stage	100 or more

TANK MIXES WITH GOAL 1.6E HERBICIDE

IMPORTANT: 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.

DOSAGE

For preemergence control of susceptible grassy and broadleaf weeds in certain dormant treefruit, nut crops and vines, a tank mixture of GOAL 1.6E herbicide with Devrnil, Karmex, KERB, simazine, Solicam or Surflan can be applied. Apply at the recommended rate and growth stages to susceptible weed species in a manner described on the respective labels.

For postemergence control of susceptible grassy and broadleaf weeds in certain dormant treefruit, nut crops and vines, a tank mixture of Gramoxone Super or Roundup with GOAL 1.6E herbicide or combinations of GOAL 1.6E herbicide plus Devrnil, Karmex, KERB, simazine, Solicam or Surflan with either Gramoxone Super or Roundup can be used. Apply at the recommended rates and growth stages to susceptible weed species in a manner described on the respective labels.

WEEDS CONTROLLED

In addition to the weeds controlled by GOAL 1.6E herbicide used alone, control of susceptible weeds listed on the respective labels for the following products is also obtained:

Devrnil	*simazine
Gramoxone Super	Solicam
Karmex	Surflan
KERB	

*In addition, simazine provides preemergence control of horseweed (marestail).

TREEFRUIT/NUT/VINE — SPECIFIC USE RESTRICTIONS

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

- Apply only to dormant fruit or nut trees or vines. Dormancy determines the suitability and safety of using GOAL 1.6E herbicide on treefruit, nut and vines. Do not apply after buds start to swell or when foliage or fruit/nuts are present.
- IN ARIZONA AND CALIFORNIA, DO NOT APPLY GOAL 1.6E HERBICIDE (EITHER ALONE OR IN ANY COMBINATION RECOMMENDED ON THIS LABEL) TO TREE OR VINE PLANTINGS BEFORE OCTOBER 1 OR AFTER FEBRUARY 15. DO NOT APPLY GOAL 1.6E HERBICIDE (EITHER ALONE OR IN ANY COMBINATION RECOMMENDED ON THIS LABEL) TO GRAPES IN THE COACHELLA VALLEY (CALIFORNIA) BEFORE OCTOBER 1 OR AFTER FEBRUARY 1.
- Do not apply more than 10 pints (2.0 lb. active) per broadcast acre of GOAL 1.6E herbicide in one season.
- Do not apply to grapes or vines established less than 3 years unless vines are on a trellis wire a minimum of 3 feet above the soil surface.
- Do not apply to grapes or vines that are not staked or trellised unless grapes are free-standing.
- GOAL 1.6E herbicide or any of the combinations recommended on this label should be applied to only healthy growing trees or vines.
- Direct spray toward the base of tree or vines. Avoid direct plant contact.