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707-174

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JAN 26 1995

William T. Lynch  
Rohm and Haas Company  
100 Independence Mall West  
Philadelphia, PA 19106-2399

Dear Mr. Lynch:

Subject: Supplemental Labeling - Extend Application Timing for  
Treefruit/Nut/Vine in California and Arizona  
Goal 1.6E Herbicide  
EPA Registration No. 707-174  
Your Submission Dated January 13, 1995

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the above mentioned label before releasing the product for shipment.

Sincerely yours,

Joanne I. Miller  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

DK: 305-7546 : FHB / PM 23		CONCURRENCES					
SYMBOL	7505C						
SURNAME	D. KENNY						
DATE	1/25/95						

ACCEPTED  
In EPA Letter Dated

JAN 26 1995  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

707-174

EPA Reg. No. 707-174  
EPA Est. No. 707-PA-1

## SUPPLEMENTAL LABELING FOR GOAL 1.6E HERBICIDE

### DIRECTIONS FOR USE

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

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

**Unless otherwise directed by registered supplemental labeling,  
follow the Directions for Use in each crop group section.**

### 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 paraquat (Gramoxone) or glyphosate (Roundup) can be used.

For preemergence control of susceptible grassy and broadleaf weeds in certain treefruit, nut or vine plantings, a tank mixture of GOAL 1.6E herbicide with napropamide (Devrinol), diuron (Karmex), pronamide (KERB), simazine, norflurazon (Solicam) or oryzalin (Surflan) can be applied. Contact herbicides such as paraquat (Gramoxone) or glyphosate (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. For preemergence control of susceptible weeds, use 6 to 10 pints (1.2 to 2.0 lb. active) per broadcast acre.

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

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

MINERSLETTUCE  
NETTLE, BURNING  
PIGWEEED, REDROOT  
REDMAIDS  
SHEPHERDPURSE  
SOWTHISTLE, ANNUAL

\*GOAL 1.6E herbicide at the 10 pints (2.0 lb. active) per broadcast acre 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	PEPPERWEED, VIRGINIA
COCKLEBUR, COMMON	PIGWEED, REDROOT
* CUDWEED, NARROWLEAF	POINSETTIA, WILD
** EVENINGPRIMROSE, CUTLEAF	PURSLANE, COMMON
GROUNDCHERRY, CUTLEAF	SESBANIA, HEMP
GROUNDCHERRY, WRIGHT	SHEPHERDSPURSE
JIMSONWEED	SIDA, PRICKLY (TEAWEED)
LAMBSQUARTERS, COMMON	SMARTWEED, PENNSYLVANIA
MORNINGGLORY, ANNUAL	SOWTHISTLE, ANNUAL
NIGHTSHADE, AMERICAN BLACK	VELVETLEAF
NIGHTSHADE, BLACK	

\* 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.

CAMPHORWEED	PIGWEED, REDROOT
CUDWEED, 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 lbs. active) per broadcast acre of GOAL  
1.6E herbicide in one season.

**ALL STATES  
TIMING AND METHOD OF APPLICATION**

In Arizona and California, GOAL 1.6E can be applied during the period following completion of final harvest up to February 15 (February 1st in the Coachella Valley (California)). Applications made after the calendar dates above, but prior to bud swell, may result in significant crop injury and are the responsibility of the user.

In all states, do not apply GOAL 1.6E herbicide after buds start to swell until completion of final harvest. Do not apply when fruit/nuts are present. GOAL 1.6E herbicide can be applied upon completion of final harvest.

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 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 tree or vine plantings.

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

**CULTURAL CONSIDERATIONS**

In order for GOAL 1.6E herbicide to provide maximum preemergence activity.

Prior to application, the bed or soil surface should be smooth and free of crop and 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

After application, at least one-quarter inch (1/4 inch) of irrigation or rainfall should occur within 3 to 4 weeks after application. The best results from GOAL 1.6E herbicide are from applications to established beds or soil surfaces that are left undisturbed during the time period for which weed control is desired. Cultural practices that 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.

### MIXING DIRECTIONS

Fill the spray tank at least one-third full of clean water. With the pump and agitator running, add the recommended amount of herbicides to the spray tank. The order of addition to the spray tank should be wettable powders first, flowables second, and liquids last. Complete filling of the spray tank with water. For all applications of GOAL 1.6E herbicide where postemergence weed control is desired, add 2 to 4 pints of LATRON AG-98 (or comparable 80% active nonionic surfactant cleared for application to growing crops) per 100 gallons of spray is recommended to enhance postemergence activity when hard water (greater than 600 ppm) is used as carrier. Maintain agitation until spraying is completed

Spray equipment should be calibrated carefully before each use.

Dosages listed on this label 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:

$$\frac{\text{Band Width (in inches)}}{\text{Row Width (in inches)}} \times \text{Rate per Broadcast Acre} = \text{Amount Needed per Acre for Banded Application}$$

### 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 bearing and nonbearing treefruit, nut or vine plantings, a tank mixture of GOAL 1.6E with napropamide (Devrinol), diuron (Karmex), pronamide (KERB), simazine, norflurazon (Solicam) or oryzalin (Surflan) can be applied. Apply at the recommended rates 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 treefruit, nut or vine plantings, a tank mixture of paraquat (Gramoxone) or glyphosate (Roundup) with GOAL 1.6E herbicide or combinations of GOAL 1.6E herbicide plus napropamide (Devrinol), diuron (Karmex), pronamide (KERB), simazine, norflurazon (Solicam) or oryzalin (Surflan) with either paraquat (Gramoxone) or glyphosate (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:

diuron (Karmex)	oryzalin (Surflan)
glyphosate (Roundup)	paraquat (Gramoxone)
napropamide (Devrinol)	pronamide (KERB)
norflurazon (Solicam)	*simazine

\*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 GOAL 1.6E herbicide label.

- \* Do not apply GOAL 1.6E herbicide during the period between bud swell and completion of final harvest or when fruit/nuts are present. GOAL 1.6E herbicide can be applied upon completion of final harvest.
- \* In Arizona and California, GOAL 1.6E can be applied during the period following completion of final harvest up to February 15 (February 1st in the Coachella Valley (California)). Applications made after the calendar dates above, but prior to bud swell, may result in significant crop injury and are the responsibility of the user.
- \* 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 kiwi 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 kiwi that are not staked or trellised unless vines 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.

#### 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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707-174

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ACCEPTED  
In EPA Letter Dated

JAN 26 1995  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
707-174

EPA Reg. No. 707-174  
EPA Est. No. 707-PA-1

SUPPLEMENTAL LABELING FOR GOAL 1.6E HERBICIDE

DIRECTIONS FOR USE

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

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

**Unless otherwise directed by registered supplemental labeling,  
follow the Directions for Use in each crop group section.**

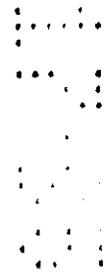
GENERAL INFORMATION

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 paraquat (Gramoxone) or  
glyphosate (Roundup) can be used.

For preemergence control of susceptible grassy and broadleaf weeds in certain treefruit,  
nut or vine plantings, a tank mixture of GOAL 1.6E herbicide with napropamide  
(Devrinol), diuron (Karmex), pronamide (KERB), simazine, norflurazon (Solicam) or  
oryzalin (Surflan) can be applied. Contact herbicides such as paraquat (Gramoxone) or  
glyphosate (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. For preemergence control of susceptible weeds, use 6 to 10 pints (1.2 to 2.0 lb. active) per broadcast acre.

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

- |                     |                    |
|---------------------|--------------------|
| CHEESEWEED (MALVA)  | MINERSLETTUCE      |
| FIDDLENECK, COAST   | NETTLE, BURNING    |
| *FILAREE, BROADLEAF | PIGWEEED, REDROOT  |
| *FILAREE, REDSTEM   | REDMAIDS           |
| *FILAREE, WHITESTEM | SHEPHERDPURSE      |
| GROUNDSEL, COMMON   | SOWTHISTLE, ANNUAL |
| HENBIT              |                    |

\* GOAL 1.6E herbicide at the 10 pints (2.0 lb. active) per broadcast acre 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           | LAMBSQUARTERS, COMMON |
| CHEESEWEED (MALVA)  | LETTUCE, PRICKLY      |
| FIDDLENECK, COAST   | PIGWEEED, REDROOT     |
| *FILAREE, BROADLEAF | PURSLANE, COMMON      |
| *FILAREE, REDSTEM   | REDMAIDS              |
| *FILAREE, WHITESTEM | ROCKET, LONDON        |
| GROUNDSEL, COMMON   | SHEPHERDSPURSE        |
| HENBIT              | SOWTHISTLE, ANNUAL    |
| KNOTWEED, PROSTRATE |                       |



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                 | PEPPERWEED, VIRGINIA    |
| COCKLEBUR, COMMON           | PIGWEEED, REDROOT       |
| * CUDWEED, NARROWLEAF       | POINSETTIA, WILD        |
| ** EVENINGPRIMROSE, CUTLEAF | PURSLANE, COMMON        |
| GROUNDCHERRY, CUTLEAF       | SESBANIA, HEMP          |
| GROUNDCHERRY, WRIGHT        | SHEPHERDSPURSE          |
| JIMSONWEED                  | SIDA, PRICKLY (TEAWEED) |
| LAMBSQUARTERS, COMMON       | SMARTWEED, PENNSYLVANIA |
| MORNINGGLORY, ANNUAL        | SOWTHISTLE, ANNUAL      |
| NIGHTSHADE, AMERICAN BLACK  | VELVETLEAF              |
| NIGHTSHADE, BLACK           |                         |

\* 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

- |                            |                         |
|----------------------------|-------------------------|
| CAMPHORWEED                | PIGWEEED, REDROOT       |
| CUDWEED, 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 lbs. active) per broadcast acre of GOAL 1.6E herbicide in one season.

ALL STATES

TIMING AND METHOD OF APPLICATION

In Arizona and California, GOAL 1.6E can be applied during the period following completion of final harvest up to February 15 (February 1st in the Coachella Valley (California)). Applications made after the calendar dates above, but prior to bud swell, may result in significant crop injury and are the responsibility of the user.

In all states, do not apply GOAL 1.6E herbicide after buds start to swell until completion of final harvest. Do not apply when fruit/nuts are present. GOAL 1.6E herbicide can be applied upon completion of final harvest.

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 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 tree or vine plantings.

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

CULTURAL CONSIDERATIONS

In order for GOAL 1.6E herbicide to provide maximum preemergence activity.

Prior to application, the bed or soil surface should be smooth and free of crop and 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.

After application, at least one-quarter inch (1/4 inch) of irrigation or rainfall should occur within 3 to 4 weeks after application. The best results from GOAL 1.6E herbicide are from applications to established beds or soil surfaces that are left undisturbed during the time period for which weed control is desired. Cultural practices that 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.

### MIXING DIRECTIONS

Fill the spray tank at least one-third full of clean water. With the pump and agitator running, add the recommended amount of herbicides to the spray tank. The order of addition to the spray tank should be wettable powders first, flowables second, and liquids last. Complete filling of the spray tank with water. For all applications of GOAL 1.6E herbicide where postemergence weed control is desired, add 2 to 4 pints of LATRON AG-98 (or comparable 80% active nonionic surfactant cleared for application to growing crops) per 100 gallons of spray is recommended to enhance postemergence activity when hard water (greater than 600 ppm) is used as carrier. Maintain agitation until spraying is completed.

Spray equipment should be calibrated carefully before each use

Dosages listed on this label 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

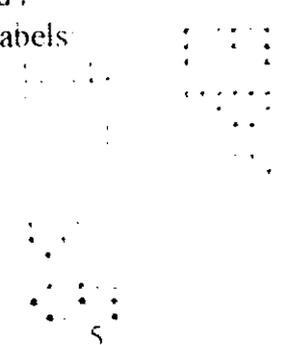
$\frac{\text{Band Width (in inches)}}{\text{Row Width (in inches)}}$	x	Rate per Broadcast Acre	=	Amount Needed per Acre for Banded Application
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### TANK MIXES WITH GOAL 1.6E HERBICIDE

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 bearing and nonbearing treefruit, nut or vine plantings, a tank mixture of GOAL 1.6E with napropamide (Devrinol), diuron (Karmex), pronamide (KFRB), simazine, norflurazon (Solicam) or oryzalin (Surflan) can be applied. Apply at the recommended rates 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 treefruit, nut or vine plantings, a tank mixture of paraquat (Gramoxone) or glyphosate (Roundup) with GOAL 1.6E herbicide or combinations of GOAL 1.6E herbicide plus napropamide (Devrinol), diuron (Karmex), pronamide (KERB), simazine, norflurazon (Solicam) or oryzalin (Surflan) with either paraquat (Gramoxone) or glyphosate (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:

- |                        |                      |
|------------------------|----------------------|
| diuron (Karmex)        | oryzalin (Surflan)   |
| glyphosate (Roundup)   | paraquat (Gramoxone) |
| napropamide (Devrinol) | pronamide (KERB)     |
| norflurazon (Solicam)  | *simazine            |

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

### TREEFRUIT/NUT/VINE - SPECIFIC USE RESTRICTIONS

In addition to the following, also observe GENERAL USE RESTRICTIONS listed at the end of GOAL 1.6E herbicide label.

- \* Do not apply GOAL 1.6E herbicide during the period between bud swell and completion of final harvest or when fruit/nuts are present. GOAL 1.6E herbicide can be applied upon completion of final harvest.
- \* In Arizona and California, GOAL 1.6E can be applied during the period following completion of final harvest up to February 15 (February 1st in the Coachella Valley (California)). Applications made after the calendar dates above, but prior to bud swell, may result in significant crop injury and are the responsibility of the user.
- \* 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 kiwi 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 kiwi that are not staked or trellised unless vines 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.

**CONDITIONS OF SALE AND WARRANTY**

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