

Reg # 101-114 PM-23 19-28  
**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 GOAL 1.6E HERBICIDE**

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**DIRECTIONS FOR USE**  
**MINT (SPEARMINT AND PEPPERMINT)**  
**FOR USE ONLY IN IDAHO, OREGON AND WASHINGTON**

**GENERAL INFORMATION**

GOAL 1.6E is a selective herbicide for the control of certain annual grasses and broadleaf weeds in spearmint and peppermint grown in Idaho, Oregon and Washington. Applications should only be made to spearmint and peppermint that are dormant.

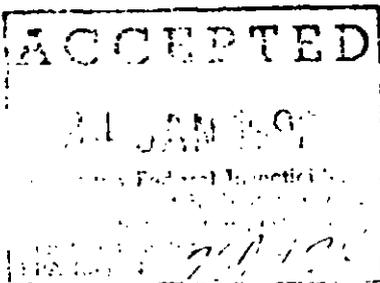
**METHOD OF APPLICATION**

Application must be made prior to new spring growth or severe crop injury may result. GOAL 1.6E herbicide should be thoroughly mixed with clean water at recommended concentration and applied at 20 to 40 psi in 20 to 40 gallons of water per acre.

**WEEDS CONTROLLED**

When GOAL 1.6E herbicide is applied as a dormant application at recommended dosages in spearmint and peppermint, the following annual weeds are controlled:

BEDSTRAW, CATCHWEED	Galium aparine
*BLUEGRASS, ANNUAL	Poa annua
FLIXWEED	Descurainia sophia
GROUNDSEL, COMMON	Senecio vulgaris
LAMBSQUARTERS, COMMON	Chenopodium album
LETTUCE, PRICKLY (CHINA LETTUCE)	Lactuca serriola
MUSTARD, BLUE (PURPLE MUSTARD)	Chorispora tenella
MUSTARD, TUMBLE (JIM HILL MUSTARD)	Sisymbrium altissimum
NIGHTSHADE, HAIRY	Solanum sarachoides
*OATS, WILD	Avena fatua
ORACH, RED	Atriplex rosea
PEPPERWEED, YELLOWFLOWER	Lepidium perfoliatum
PIGWEEED, REDROOT	Amaranthus retrofractus
*RYEGRASS, ITALIAN	Lolium multiflorum
SHEPHERDSPURSE	Capsella bursa-pastoris
SOWTHISTLE, ANNUAL	Sonchus oleraceus
TANSYMUSTARD	Descurainia pinnata
THISTLE, RUSSIAN	Salsola kali



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\*Control of annual grasses is best obtained when GOAL 1.6E herbicide is applied prior to emergence. Postemergence control of winter annual grasses is generally unsatisfactory if applications are made after the 1 to 2 leaf stage.

#### WESTERN OREGON

##### PEPPERMINT (WILLAMETTE VALLEY)

Apply 2.5 to 3.75 pints (0.5 to 0.75 lb. active) of GOAL 1.6E herbicide from November through February to dormant peppermint only. Treatments in January or February generally provide better residual preemergence control of annual broadleaf weeds. Full season weed control should not be expected from this treatment.

DO NOT APPLY GOAL 1.6E HERBICIDE IN THE WILLAMETTE VALLEY TO MINT THAT HAS BEEN PLOWED.

#### OREGON AND WASHINGTON (EAST OF CASCADES) AND WESTERN IDAHO

##### SPEARMINT AND PEPPERMINT

Apply 5 to 10 pints (1 to 2 lb. active) of GOAL 1.6E herbicide from December through March to dormant mint only. Later winter applications will provide maximum activity on summer weeds. Summer grass control may be inconsistent. For best results, fall-plowed fields should be harrowed to provide a smooth surface prior to application. Plowed fields should not be harrowed after GOAL 1.6E herbicide has been applied, as soil disturbance will decrease the herbicidal effectiveness. In furrow-irrigated fields, corrugating must be done prior to application. Corrugating after application can cover treated rows with untreated soil, resulting in poor weed control.

##### 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 or 4 weeks after application. The best results from GOAL 1.6E herbicide are from applications to establish 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.

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**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 (except onions) 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 each 100 gallons of spray. The addition of 4 pints of LATRON AG-98 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 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:

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

**MINT (SPEARMINT AND PEPPERMINT)  
SPECIFIC USE RESTRICTIONS**

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

- Do not apply more than one application of GOAL 1.6E herbicide per season.
- Apply GOAL 1.6E herbicide only to healthy spearmint and peppermint. Do not apply to spearmint or peppermint that has been weakened by disease, nematodes, soil insects, or winter injury, as severe injury may result.

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**GOAL 1.6E HERBICIDE****GOAL 1.6E Herbicide For Weed Control in Onions****DIRECTIONS FOR USE**

**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.

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

**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 before or 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.

**DOSAGE****SEEDED ONION**

**NORTHEASTERN STATES:** (CONNECTICUT, MAINE, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, RHODE ISLAND AND 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. 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 as a result of multiple applications in one season.

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**BEST AVAILABLE COPY**

WESTERN STATES: (ARIZONA, CALIFORNIA, COLORADO, IDAHO, NEVADA,  
NEW MEXICO, OREGON, TEXAS, UTAH AND 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 as a result of multiple applications 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 as a result of multiple applications in one season.

#### TRANSPLANTED ONIONS

**POST TRANSPLANT:** Transplanted onions are most tolerant of a postemergence 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 (0.5 lb. active) per acre 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 (0.5 lb. active) per broadcast acre of GOAL 1.6E herbicide as a result of multiple applications in one season.

For transplanted onions in the Northeastern states, apply the same rates listed in the DOSAGE - SEEDED ONIONS section within two days after transplanting.

**PRETRANSPLANT:** (Not for use in Northeastern or Western States, except as specifically directed on other approved supplemental labeling.) GOAL 1.6E herbicide is recommended for use as a pretransplant application at 1.25 to 2.5 pints (0.25 to 0.5 lb. active) per broadcast acre. Applications must be made after completion of soil preparation, but prior to transplanting of onion plants. Transplanting should be completed with minimal soil disturbance. Treated soil surfaces should be left undisturbed after transplanting to obtain greatest benefit of GOAL herbicide on susceptible annual broadleaf weeds during the time period for which weed control is desired. However, timely cultivations after weed emergence will assist in weed control. If less than 2.5 pints per acre is applied as a pretransplant treatment, postemergence applications can be made as instructed in the DOSAGE - SEEDED ONIONS section of this label. Do not exceed the maximum use rate of 2.5 pints (0.5 lb. active) per broadcast acre of GOAL 1.6E herbicide as a result of multiple applications in one season.

[REDACTED]

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:

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

**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).

- CANARYGRASS (ANNUAL)
- <sup>b</sup> EVENINGPRIMROSE, CUTLEAF
- GROUNDSEL, COMMON
- MALLOW, LITTLE (MALVA)
- NIGHTSHADE, BLACK
- <sup>a</sup> PIGWEED, PROSTRATE
- <sup>ab</sup> PIGWEED, REDROOT
- PUNCTUREVINE
- <sup>ab</sup> PURSLANE, COMMON
- ROCKET, LONDON
- SAGE, LANCELEAF
- <sup>a</sup> SHEPHERDSPURSE
- SOWTHISTLE, ANNUAL

<sup>a</sup> Specific weeds controlled at rates recommended for use in Northeastern States (See DOSAGE section).

<sup>b</sup> Weeds controlled when applied as a pretransplant application. In addition, GOAL 1.6E herbicide at the rate of 1.25 to 2.5 pints per acre will provide control/suppression of carpetweed, Pennsylvania smartweed, galinsoga, common lambsquarters, and wild mustard. Applications of GOAL 1.6E to muck soils may result in partial control or suppression of the weeds listed.

**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.

**BEST AVAILABLE COPY**

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 herbicide remaining in spray equipment may damage other crops.

#### 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 or 4 weeks after application. The best results from GOAL 1.6E herbicide are from applications to establish 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 with 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.

#### ONIONS - SPECIFIC USE RESTRICTIONS

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

- In all states except Northeastern states, do not start spraying until the onions (direct-seeded) 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 (direct-seeded) have three (3) fully developed true leaves. Applications made prior to the 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 45 days of harvest.
- Use only on dry bulb onions.
- Do not apply to onions grown for seed, except as specified on other approved supplemental labeling.

- Tank mixtures of GOAL 1.6E herbicide with oils, surfactants, liquid fertilizers or other pesticides may result in enhanced crop response/injury and are the responsibility of the user.
- Do not apply GOAL 1.6E herbicide preemergence to direct-seeded onions.
- Do not apply to onion plants that are under stress due to drought, flooding, excessive fertilizer or soil salts, storage conditions, wind injury, hail, frost damage, injury from previously applied pesticides, or injury due to insects, nematodes or diseases.

**CHEMIGATION:** Do not apply this product through any type of irrigation system.

#### 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 the 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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**ROHM AND HAAS COMPANY**INDEPENDENCE MALL WEST  
PHILADELPHIA, PENNSYLVANIA 19105

EPA Reg. No. 707-174-AA

EPA Est. No. 707-PA-1



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**GOAL 1.6E HERBICIDE****GOAL 1.6E Herbicide For Weed Control in Onions****DIRECTIONS FOR USE**

**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.

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

**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 Dose section and the SPECIFIC USE RESTRICTIONS section of this label. On onion transplants spray as soon before or 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.

**DOSAGE****SEEDED ONION**

**NORTHEASTERN STATES:** (CONNECTICUT, MAINE, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, RHODE ISLAND AND 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. 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 as a result of multiple applications in one season.

**BEST AVAILABLE COPY**

WESTERN STATES: (ARIZONA, CALIFORNIA, COLORADO, IDAHO, NEVADA,  
NEW MEXICO, OREGON, TEXAS, UTAH AND 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 as a result of multiple applications 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 as a result of multiple applications in one season.

#### TRANSPLANTED ONIONS

**POST TRANSPLANT:** Transplanted onions are most tolerant of a postemergence 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 (0.5 lb. active) per acre 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 (0.5 lb. active) per broadcast acre of GOAL 1.6E herbicide as a result of multiple applications in one season.

For transplanted onions in the Northeastern states, apply the same rates listed in the DOSAGE - SEEDED ONIONS section within two days after transplanting.

**PRETRANSPLANT:** (Not for use in Northeastern or Western States, except as specifically directed on other approved supplemental labeling.) GOAL 1.6E herbicide is recommended for use as a pretransplant application at 1.25 to 2.5 pints (0.25 to 0.5 lb. active) per broadcast acre. Applications must be made after completion of soil preparation, but prior to transplanting of onion plants. Transplanting should be completed with minimal soil disturbance. Treated soil surfaces should be left undisturbed after transplanting to obtain greatest benefit of GOAL herbicide on susceptible annual broadleaf weeds during the time period for which weed control is desired. However, timely cultivations after weed emergence will assist in weed control. If less than 2.5 pints per acre is applied as a pretransplant treatment, postemergence applications can be made as instructed in the DOSAGE - SEEDED ONIONS section of this label. Do not exceed the maximum use rate of 2.5 pints (0.5 lb. active) per broadcast acre of GOAL 1.6E herbicide as a result of multiple applications in one season.

**BEST AVAILABLE COPY**

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:

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

**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).

- CANARYGRASS (ANNUAL)
- <sup>b</sup> EVENINGPRIMROSE, CUTLEAF
- GROUNDSEL, COMMON
- MALLOW, LITTLE (MALVA)
- NIGHTSHADE, BLACK
- <sup>a</sup> PIGWEED, PROSTRATE
- <sup>ab</sup> PIGWEED, REDROOT
- PUNCTUREVINE
- <sup>ab</sup> PURSLANE, COMMON
- ROCKET, LONDON
- SAGE, LANCELEAF
- <sup>a</sup> SHEPHERDSPURSE
- SOWTHISTLE, ANNUAL

<sup>a</sup> Specific weeds controlled at rates recommended for use in Northeastern States (See DOSAGE section).

<sup>b</sup> Weeds controlled when applied as a pretransplant application. In addition, GOAL 1.6E herbicide at the rate of 1.25 to 2.5 pints per acre will provide control/suppression of carpetweed, Pennsylvania smartweed, galinsoga, common lambsquarters, and wild mustard. Applications of GOAL 1.6E to muck soils may result in partial control or suppression of the weeds listed.

**TIMING AND METHOD OF APPLICATION**

For best postemergence control of susceptible weeds, apply when the weeds are in the 2 to 4 leaf state. 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.

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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 herbicide remaining in spray equipment may damage other crops.

### 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 or 4 weeks after application. The best results from GOAL 1.6E herbicide are from applications to establish 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.

### ONIONS - SPECIFIC USE RESTRICTIONS

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

- In all states except Northeastern states, do not start spraying until the onions (direct-seeded) 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 (direct-seeded) have three (3) fully developed true leaves. Applications made prior to the 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 45 days of harvest.
- Use only on dry bulb onions.
- Do not apply to onions grown for seed, except as specified on other approved supplemental labeling.

**BEST AVAILABLE COPY**

- Tank mixtures of GOAL 1.6E herbicide with oils, surfactants, liquid fertilizers or other pesticides may result in enhanced crop response/injury and are the responsibility of the user.
- Do not apply GOAL 1.6E herbicide preemergence to direct-seeded onions.
- Do not apply to onion plants that are under stress due to drought, flooding, excessive fertilizer or soil salts, storage conditions, wind injury, hail, frost damage, injury from previously applied pesticides, or injury due to insects, nematodes or diseases.

**CHEMIGATION:** Do not apply this product through any type of irrigation system.

#### **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 the 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 TabeL 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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# 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 GOAL® 1.6E HERBICIDE USE ON ONIONS GROWN FOR SEED

### 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 onions grown for seed, 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. 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.

### NOTICE:

Some varieties or inbred lines of onions may be more susceptible to GOAL 1.6E herbicide. Care should be taken to insure that the particular onion variety or line being grown is tolerant to GOAL 1.6E herbicide. It is suggested that all onion varieties or lines be tested in limited areas to insure an adequate level of crop tolerance prior to an application for postemergence weed control.

*[Faint, illegible markings and a signature, possibly "707-174-AA", are visible at the bottom of the page.]*

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).

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	Scnchus oleraceus

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

DOSAGE

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

GOAL 1.6E herbicide is recommended for postemergence control at a maximum use rate of 2.4 fluid ounces (0.03 lb. active) per acre when applied postemergence to seeded onions that have at least four (4) true leaves. 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.

ALL OTHER STATES

GOAL 1.6E herbicide is recommended for postemergence control at a maximum use rate of 0.6 pints (0.12 lb. active) per acre when applied postemergence to onions that have at least three (3) 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.

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.

*[Faint, illegible text or stamp]*

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. Do not exceed 40 psi. Accurately calibrate spray equipment prior to each use. 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.

DO NOT APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT. AVOID DRIFT TO ALL NON-TARGET AREAS. GOAL 1.6E HERBICIDE IS PHYTOTOXIC TO PLANT FOLIAGE.

#### 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 to 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 FOR ONIONS GROWN FOR SEED

The following use restrictions must 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, do not start spraying until the onions have reached the minimum leaf stage specified in the "DOSAGE" section of this label. 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 of GOAL 1.6E herbicide) per acre during one use season.
- Do not apply within 60 days of harvest.
- Do not mix GOAL 1.6E herbicide with oils, surfactants, liquid fertilizers or other pesticides except as specified on other approved Rohm and Haas Company Supplemental labeling.
- 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.
- Do not apply when weather conditions favor drift. Avoid drift to all non-target areas. GOAL 1.6E herbicide is phytotoxic to plant foliage.

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#### 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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# ROHM AND HAAS COMPANY

INDEPENDENCE MALL WEST  
PHILADELPHIA PENNSYLVANIA 19105



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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)

### 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.

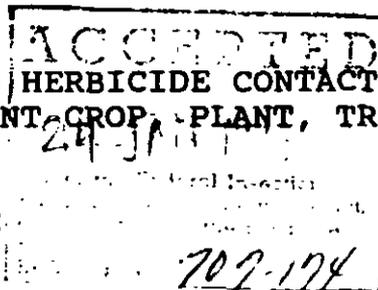
### GENERAL INFORMATION

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 7 days prior to planting. The fallow beds should be worked thoroughly to a depth of at least 2 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.

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 4 weeks of preemergence control of susceptible and provide postemergence control on susceptible weeds (up to 4 leaf stage). The higher rate (2.5 pints per acre) should provide preemergence control of susceptible weeds for up to 8 weeks and postemergence control on susceptible weeds (up to 6 leaf stage). Best preemergence control is achieved when irrigation or rainfall occurs within 3 or 4 weeks following application.



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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-capre
PIGWEEED, 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 1.6E 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 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.

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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 to 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

Aerial applicators must be familiar with the EPA-registered label and follow the use precautions. Spraying GOAL 1.6E 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.

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**SPECIFIC USE RESTRICTIONS:**

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

# ROHM AND HAAS COMPANY

INDEPENDENCE MALL WEST  
PHILADELPHIA, PENNSYLVANIA 19105



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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

### 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) for the control of winter annual broadleaf weeds to be planted to the crops listed below.

### MINIMUM TREATMENT-PLANTING INTERVAL

DIRECT SEEDED CROPS	GOAL 1.6E Herbicide Use Rate	
	up to 1.25 pints/A	up to 2.5 pints/A
CARROT	90 DAYS	90 DAYS
POTATO	60 DAYS	60 DAYS
SUGARBEET	60 DAYS	90 DAYS
OTHER ROOT/TUBER CROPS	90 DAYS	90 DAYS
ONIONS	180 DAYS	180 DAYS
OTHER BULB VEGETABLES	180 DAYS	180 DAYS
CABBAGE	90 DAYS	90 DAYS
CAULIFLOWER	90 DAYS	90 DAYS
OTHER BRASSICA CROPS	120 DAYS	120 DAYS
LETTUCE	90 DAYS	120 DAYS
OTHER LEAFY VEGETABLES (EXCEPT BRASSICA CROPS)	120 DAYS	120 DAYS
PEPPER	90 DAYS	120 DAYS
TOMATO	60 DAYS	120 DAYS
OTHER FRUITING VEGETABLES	120 DAYS	120 DAYS

<b>DIRECT SEEDED CROPS</b>	<b>GOAL 1.6E Herbicide Use Rate</b>	
	<b>up to 1.25 pints/A</b>	<b>up to 2.5 pints/A</b>
CANTALOUPE	60 DAYS	90 DAYS
SQUASH	90 DAYS	120 DAYS
WATERMELON	60 DAYS	60 DAYS
OTHER CUCURBITS	90 DAYS	120 DAYS
DRY BEANS	60 DAYS	60 DAYS
PEANUT	60 DAYS	60 DAYS
OTHER LEGUME VEGETABLES	60 DAYS	60 DAYS
SAFFLOWER	60 DAYS	60 DAYS
CEREAL GRAINS	10 MONTHS	10 MONTHS
(includes barley, buckwheat, corn, proso millet, pearl millet, oats, popcorn, rice, rye, sorghum, triticale, wheat, wild rice)		
OTHER SEEDED CROPS	180 DAYS	180 DAYS
COTTON AND SOYBEAN (See specific labeling for fallowbeds to be planted to cotton or soybeans).		

<b>TRANSPLANTED CROPS</b>	<b>GOAL 1.6E Herbicide Use Rate</b>	
	<b>up to 1.25 pints/A</b>	<b>up to 2.5 pints/A</b>
BROCCOLI	0 DAYS	30 DAYS
CABBAGE	0 DAYS	30 DAYS
CAULIFLOWER	0 DAYS	30 DAYS
CELERY	30 DAYS	30 DAYS
CONIFER	0 DAYS	0 DAYS
GARLIC	0 DAYS	30 DAYS
GRAPE/KIWI	0 DAYS	0 DAYS
ONION	0 DAYS	30 DAYS
PEPPER	30 DAYS	30 DAYS
STRAWBERRIES	30 DAYS	30 DAYS
TOMATO	30 DAYS	30 DAYS
TREEFRUIT/NUT/CITRUS	0 DAYS	0 DAYS
ALL OTHER CROPS	90 DAYS	180 DAYS

**IMPORTANT:** The fallow beds should be worked thoroughly to a depth of at least 2.5 inches prior to planting; weed control should not be expected following breaking of the soil surface. FAILURE TO ACHIEVE THOROUGH AND COMPLETE INCORPORATION, OR TO FOLLOW THE RECOMMENDED TREATMENT-PLANTING INTERVAL MAY RESULT IN STAND REDUCTION AND/OR VIGOR REDUCTION OF THE PLANTED CROP.

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Crop injury may be enhanced if newly seeded crops or transplants are under stress due to drought, flooding, excessive fertilizer or soil salts, low soil temperatures, wind injury, hail, frost damage, injury from previously applied pesticides, or injury due to insects or diseases.

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 4 weeks of preemergence control of susceptible and provide postemergence control on susceptible weeds (up to 4 leaf stage). The higher rate (2.5 pints per acre) should provide preemergence control of susceptible weeds for up to 8 weeks and postemergence control on susceptible weeds (up to 6 leaf stage). Best preemergence control is achieved when irrigation or rainfall occurs within 3 or 4 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.

CHEESEWEED (MALVA)	Malva parviflora
FIDDLENECK, COAST	Amsinckia intermedia
FILAREE, BROADLEAF	Erodium botrys
FILAREE, REDSTEM	Erodium cicutarium
GROUNDSEL, COMMON	Senecio vulgaris
HENBIT	Lamium amplexicaule
MINERSLETTUCE	Montia perfoliata
MUSTARD SPECIES	Cardamine spp., Brassica spp.
NETTLE, BURNING	Urtica urens
REDMAIDS	Calandrinia caulescens
ROCKET, LONDON	Sisymbrium irio
SHEPHERDSPURSE	Capsella bursa-pastoris
SOWTHISTLE, ANNUAL	Sonchus oleraceus

\* 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 glyphosate (Roundup) is recommended.

GOAL 1.6E is a contact herbicide, therefore, coverage is essential for acceptable postemergence control. If dense weed populations, oversized weed seedlings, volunteer grains, annual grasses or unfavorable environmental conditions exist, a tank mixture of GOAL 1.6E herbicide with Roundup for postemergence control is recommended.

#### 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 glyphosate (Roundup) 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 glyphosate. 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 1.6E 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 10 gallons per acre (minimum 5 GPA for GOAL 1.6E/Roundup tank mix). Applications should be made at a height of 6 to 10 feet above the soil surface. It is suggested that the 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 to 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

Aerial applicators must be familiar with the EPA-registered label and follow the use precautions. Spraying GOAL 1.6E 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.

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**SPECIFIC USE RESTRICTIONS:**

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

**CONDITIONS OF SALE AND WARRANTY**

Rohm and Haas Company 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.