

Rohm and Haas**Goal 2XL****HERBICIDE****USE DIRECTIONS FOR:**

• **ARTICHOKES (GLOBE) • BROCCOLI/CABBAGE/CAULIFLOWER • CACAO • CITRUS (NONBEARING) • COFFEE • CONIFER (SEEDBEDS, TRANSPLANTS, CONTAINER STOCK) AND SELECTED DECIDUOUS TREES • COTTON • COTTONWOOD • EUCALYPTUS • FALLOW BED • FALLOW BED (COTTON/SOYBEANS) • GUAVA (HAWAII ONLY) • HORSERADISH • JOJOBA • MINT • ONIONS • ONIONS GROWN FOR SEED • PAPAYA (HAWAII ONLY) • TARO • TREEFRUIT/NUT/VINE**

ACTIVE INGREDIENT

Oxyfluorfen

2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl) benzene 22%*

INERT INGREDIENTS 78%

TOTAL 100%

*Equivalent to 2 lbs. active ingredient per gallon.

Contains petroleum distillates.

EPA Reg. No. 707-243

14822-B2

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.

KEEP OUT OF REACH OF CHILDREN**WARNING/AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with a large amount of water for at least 15 minutes. Get prompt medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF SWALLOWED: Do not induce vomiting. Dilute by giving 2 glasses of water to drink. Call a physician. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Move victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTE TO PHYSICIAN: Contains petroleum distillates. Aspiration hazard may contraindicate the use of gastric lavage.

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS****WARNING**

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear goggles or face shield. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. Causes skin irritation. Harmful if swallowed or absorbed through the skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category **G** on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Protective eyewear
- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves, such as Barrier Laminate or Viton \geq 14 mils
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing, or loading

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standards (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

This product is highly toxic to aquatic invertebrates, aquatic plants, wildlife and fish. Use with care when applying in areas frequented by wildlife or adjacent to any body of water or wetland area. Do not apply when weather conditions favor drift or erosion from target areas.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of **24 hours**.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is:

- Protective eyewear
- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves, such as Barrier Laminate or Viton \geq 14 mils
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposure

NON AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

- Keep unprotected persons out of treated area until sprays have dried.

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.**

CHEMIGATION

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

GENERAL USE INFORMATION

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

CULTURAL CONSIDERATIONS

In order for GOAL 2XL 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 ($\frac{1}{4}$ inch) of irrigation or rainfall should occur within 3 or 4 weeks after application. The best results from GOAL 2XL 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 2XL. 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 2XL 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 on this label are for broadcast application. For banded application, the amount of GOAL 2XL herbicide used per acre should be reduced according to the following formula:

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

ARTICHOKES (GLOBE)**POST-DIRECTED SPRAY****GENERAL INFORMATION**

GOAL 2XL is an effective herbicide for postemergence and preemergence control of certain broadleaf weeds in artichokes. GOAL 2XL herbicide should be directed towards the winter ditch, levees or flat rows between the artichoke rows. Artichoke fronds receiving accidental spray or drift will be injured. Over-the-top applications may exhibit severe injury to the foliage and flower bud and are not recommended.

DOSAGE

GOAL 2XL herbicide is recommended as a post-directed application at 4 to 8 pints (1.0 to 2.0 lbs. active) per acre. Optimum control is achieved when two applications of GOAL 2XL herbicide are applied at 4 pints (1.0 lb. active) per acre. The initial application should be made to susceptible weed seedlings (up to 8-leaf stage). It is recommended that a second application be made 8 to 10 weeks later. Good results may be achieved when a single application of 8 pints (2.0 lbs. active) of GOAL 2XL herbicide is applied to susceptible weed seedlings (up to 8-leaf stage). Do not apply more than 8 pints (2.0 lbs. active) of GOAL 2XL herbicide per treated acre per season as a result of a single application or multiple applications. Do not apply within 5 days of harvest.

WEEDS CONTROLLED POSTEMERGENCE

CHEESEWEED (MALVA)	MUSTARD, COMMON YELLOW	BUTTERCUP SHEPHERDSPURSE
GROUNDSEL, COMMON	NETTLE, BURNING OXALIS (BERMUDA)	SOWTHISTLE, ANNUAL

WEEDS CONTROLLED PREEMERGENCE

CHEESEWEED (MALVA)	COMMON MUSTARD, COMMON YELLOW	SHEPHERDSPURSE SOWTHISTLE, ANNUAL
GROUNDSEL, COMMON	*OXALIS (BERMUDA BUTTERCUP)	

*Suppression

TIMING AND METHOD OF APPLICATION

Treatments should be made after completion of the ditching operation.

GOAL 2XL herbicide should be applied in a minimum of 40 gallons of water per acre depending upon density of emerged weeds. Spray volume should be increased as weed height and density increase. Use a low-pressure sprayer equipped with flat fan nozzles. Spray equipment should be calibrated carefully before each use. Spray should be directed towards the winter ditch, levees or flat rows between the artichoke rows. ARTICHOKE FRONDS RECEIVING ACCIDENTAL SPRAY OR DRIFT WILL BE INJURED.

ARTICHOKES (GLOBE)—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 8 pints (2.0 lbs. active) of GOAL 2XL herbicide per treated acre per season as a result of a single application or multiple applications.
- Do not apply GOAL 2XL herbicide within 5 days of harvest.
- Avoid direct spray or drift contact of GOAL 2XL herbicide with artichoke flowers or buds as severe injury may result.
- Do not apply GOAL 2XL herbicide to artichoke plantings within 60 days after cutting back or transplanting.

BROCCOLI/CABBAGE/CAULIFLOWER**PRE-TRANSPLANT (PREPLANT) APPLICATION FOR PREEMERGENCE BROADLEAF WEED CONTROL**

GOAL 2XL is a selective herbicide for preemergence control of certain annual broadleaf weeds. Applications must be made after completion of soil preparation but *prior* to transplanting of broccoli, cabbage or cauliflower plants. Transplanting should be completed with minimal soil disturbance. Treated soil surfaces should be left undisturbed after transplanting to obtain greatest benefit of GOAL 2XL 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.

Pre-transplant applications of GOAL 2XL herbicide in broccoli, cabbage and cauliflower may result in a temporary initial crop response (leaf cupping or crinkling). Crop response may be enhanced if crop leaves come in direct contact with treated soil. Crops rapidly outgrow this condition and develop normally.

Severe crop response may result from the use of transplants that are under stress due to temperature, disease, fertilizer, nematodes, insects, pesticides or storage conditions. The use of young (less than 5 weeks old), extremely succulent transplants grown in containers, less than 1 inch square, may increase the severity of crop injury. Hardening off, increasing the age of transplants or increasing the size of the rooting container will lessen the possibility and/or severity of crop injury.

DOSAGE

GOAL 2XL herbicide is recommended for use at 1 to 2 pints (0.25 to 0.5 lbs. active) per broadcast acre. The lower rate (1 pint per acre) is recommended for preemergence weed control on coarse texture soils with less than 1% organic matter. The 2 pint per acre rate is recommended for preemergence weed control on medium to fine texture soils or soils containing greater than 1% organic matter.

GOAL 2XL herbicide will assist in early season annual grass control. However, GOAL 2XL herbicide must not be a basic portion of the grass herbicide program. A planned herbicide program for preemergence or postemergence grass control is recommended. Research has shown that severe crop injury can occur if GOAL 2XL herbicide is applied to a field that has had an acetanilide herbicide (Dual®, Lasso®, Ramrod®) application during the current growing season, therefore, it is not recommended.

WEEDS CONTROLLED*

CARPETWEED	PURSLANE, COMMON
PIGWEEED, REDROOT	SMARTWEED, PENNSYLVANIA

GOAL 2XL herbicide at the rate of 1 to 2 pints per acre may provide partial control or suppression of galinsoga, common lambsquarters and wild mustard.

*Applications of GOAL 2XL herbicide to muck soils may result in partial control or suppression of the weeds listed.

METHOD OF APPLICATION

GOAL 2XL herbicide should be thoroughly mixed with clean water at recommended concentrations, and applied in a minimum of 20 gallons of water per acre. Use conventional ground spray equipment with flat fan 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 2XL herbicide remaining in spray equipment may damage other crops.

AVOID DRIFT TO ALL OTHER CROPS AND NON-TARGET AREAS. DO NOT APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT. GOAL 2XL HERBICIDE IS PHYTOTOXIC TO PLANT FOLIAGE.

BROCCOLI/CABBAGE/CAULIFLOWER—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 2 pints (0.5 lbs. active) of GOAL 2XL herbicide per treated acre per season.
- Do not apply GOAL 2XL herbicide preemergence to direct-seeded broccoli, cabbage or cauliflower.
- Do not apply GOAL 2XL herbicide post-transplant or postemergence (over the top) to broccoli, cabbage or cauliflower.
- For field use only. Do not apply GOAL 2XL herbicide in an enclosed greenhouse structure, as injury to plant foliage may result.

CACAO**GENERAL INFORMATION**

GOAL 2XL is effective as a preemergence herbicide when used alone for the control of certain annual broadleaf weeds in bearing and nonbearing cacao plantings. Preemergence control is most effective when spray is applied to clean, weed-free soil surfaces. Treated berms or soil surfaces should not be disked or disturbed in any manner, as the herbicidal effectiveness of GOAL 2XL herbicide may be decreased. Seedling weeds are controlled as they come in contact with soil-applied herbicide during emergence.

GOAL 2XL HERBICIDE USED ALONE**DOSAGE**

GOAL 2XL herbicide is recommended for preemergence and postemergence control of susceptible weeds at 2 to 8 pints (0.5 to 2.0 lbs. active) per broadcast acre when directed to the orchard floor beneath cacao plants, or at a dosage of up to 4 pints per acre as a pre-transplant application.

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

Dosages listed are for broadcast application. For banded application, the amount of GOAL 2XL 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 POSTEMERGENCE

Apply 2 to 8 pints (0.5 to 2.0 lbs. active) of GOAL 2XL herbicide per broadcast acre. Applications to weeds beyond the four-leaf stage may result in partial control.

PURSLANE, COMMON SPURGE, GARDEN

WEEDS CONTROLLED PREEMERGENCE

Apply 2 to 8 pints (0.5 to 2.0 lbs. active) of GOAL 2XL herbicide per broadcast acre.

AGERATUM CROTALARIA SPURGE, GARDEN
BUTTONWEED PURSLANE, COMMON

TIMING AND METHOD OF APPLICATION

DO NOT APPLY PREPLANT OR PREEMERGENCE TO DIRECT-SEEDED CACAO. TREATMENTS CAN BE MADE TO ESTABLISHED CACAO OR AS A PRE-TRANSPLANT OR RECENTLY TRANSPLANTED CACAO.

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

As a preemergence or postemergence treatment to weeds, apply in a minimum of 15 gallons of water per acre. Use higher volumes to assure adequate coverage in high densities of emerged weeds or heavy trash. GOAL 2XL herbicide should be directed to the soil and the base of the tree. Use of a low-pressure sprayer equipped with a breakaway boom and a flat fan or off-center (OC) nozzles is recommended. Spray shields are suggested for use in young trees. Spray equipment should be calibrated carefully before each use.

CACAO—SPECIFIC USE RESTRICTIONS

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

- Do not apply more than 8 pints (2.0 lbs. active) per broadcast acre of GOAL 2XL herbicide in a single application or 24 pints (6.0 lbs. active) per broadcast acre per year.
- Do not apply GOAL 2XL herbicide within one (1) day of harvest.
- Direct spray toward the base of the trees. Avoid spray contact with foliage.
- Do not apply preplant or preemergence to direct-seeded cacao.

CITRUS (NONBEARING)

CALAMONDIN, CHIRONJA, CITRUS CITRON, GRAPEFRUIT, KUMQUAT, LEMON, LIME, MANDARIN, PUMMELO, SATSUMA MANDARIN, SOUR ORANGE, SWEET ORANGE, TANGELO, TANGERINE, TANGOR

FOR USE ONLY IN PERMANENTLY ESTABLISHED GROVES IN ARIZONA, CALIFORNIA, FLORIDA, LOUISIANA AND TEXAS

GENERAL INFORMATION

GOAL 2XL is effective as a preemergence and/or postemergence herbicide when used alone or in recommended tank mix combinations, for the control of certain annual broadleaf weeds in nonbearing citrus plantings. GOAL 2XL herbicide may be applied to newly planted trees or to young trees that will not bear fruit within one year.

The most effective postemergence weed control is achieved when GOAL 2XL herbicide is applied to seedling weeds at the recommended growth stage. For postemergence control of certain grassy and broadleaf weeds, a tank mix of GOAL 2XL herbicide with paraquat (Gramoxone®) or glyphosate (Roundup®) can be used.

For residual grass control in citrus, a tank mixture of GOAL 2XL herbicide with Devrinol®, simazine, Solicam® or Surflan® can be used. 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 2XL HERBICIDE USED ALONE**GEOGRAPHIC USE DIRECTIONS****ARIZONA AND CALIFORNIA****DOSAGE**

GOAL 2XL herbicide is recommended for postemergence control at 2 to 8 pints (0.5 to 2.0 lbs. active) per broadcast acre. For preemergence control of susceptible weeds, use 8 pints (2.0 lbs. active) per broadcast acre.

WEEDS CONTROLLED POSTEMERGENCE (weeds up to 4 inches high)—Apply 2 to 8 pints (0.5 to 2.0 lbs. active) of GOAL 2XL herbicide per broadcast acre. Applications to weeds beyond this 4-inch stage may result in partial control.

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

*GOAL 2XL herbicide at the 8-pint rate (2.0 lbs. 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 5 to 8 pints (1.2 to 2.0 lbs. active) of GOAL 2XL herbicide per broadcast acre.

BURCLOVER	GROUNDSEL, COMMON	PURSLANE COMMON
CHEESEWEED (MALVA)	HENBIT	REDMAIDS
FIDDLENECK, COAST	KNOTWEED, PROSTRATE	ROCKET, LONDON
FILAREE, BROADLEAF	LAMBSQUARTERS, COMMON	SHEPHERDSPURSE
FILAREE, REDSTEM	LETTUCE, PRICKLY	SOWTHISTLE, ANNUAL
WHITESTEM	PIGWEEED, REDROOT	SPURGE, PROSTRATE
		SPURGE, SPOTTED

FLORIDA, LOUISIANA AND TEXAS**DOSAGE**

GOAL 2XL herbicide is recommended for postemergence control at 2 to 8 pints (0.5 to 2.0 lbs. active) per broadcast acre. For preemergence control of susceptible weeds, GOAL 2XL herbicide is recommended at 8 pints (2.0 lbs. active) per broadcast acre.

WEEDS CONTROLLED POSTEMERGENCE—Apply 2 to 8 pints (0.5 to 2.0 lbs. active) of GOAL 2XL 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 lbs. 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	COMMON MORNINGGLORY, ANNUAL	PURSLANE, COMMON
*CUDWEED, NARROWLEAF	NIGHTSHADE, AMERICAN BLACK	PUSLEY, FLORIDA
**EVENINGPRIMROSE, CUTLEAF	NIGHTSHADE, BLACK	SIDA, PRICKLY (TEAWEED)
GROUNDCHERRY, CUTLEAF	PEPPERWEED, VIRGINIA	SMARTWEED, PENNSYLVANIA
GROUNDCHERRY, WRIGHT	PIGWEEED, REDROOT	SOWTHISTLE, ANNUAL
LAMBSQUARTERS, COMMON	POINSETTIA, WILD	

WEEDS CONTROLLED PREEMERGENCE—Apply 8 pints (2.0 lbs. active) of GOAL 2XL herbicide per broadcast acre.

CUDWEED, NARROWLEAF	NIGHTSHADE, AMERICAN BLACK	SIDA, PRICKLY (TEAWEED)
**EVENINGPRIMROSE, CUTLEAF	NIGHTSHADE, BLACK	SMARTWEED, PENNSYLVANIA
GROUNDCHERRY, CUTLEAF	PEPPERWEED, VIRGINIA	SOWTHISTLE, ANNUAL
LAMBSQUARTERS, COMMON	PIGWEEED, REDROOT	SPURGE, PROSTRATE
	POINSETTIA, WILD	SPURGE, SPOTTED
	PUSLEY, FLORIDA	

*Maximum 0.5-inch diameter.

**Highest rate and/or multiple applications may be required for acceptable control. Do not apply more than 16 pints (4.0 lbs. active) per broadcast acre during any 12-month period as a result of multiple applications.

ALL STATES—ARIZONA, CALIFORNIA, FLORIDA, LOUISIANA AND TEXAS**TIMING AND METHOD OF APPLICATION**

GOAL 2XL herbicide should be directed to the soil and the base of trees. Avoid direct spray contact on the citrus foliage. 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.

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 4-inch or 4-leaf stage	100 or more

TANK MIXES WITH GOAL 2XL 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 mix, the most restrictive situations must apply.

DOSAGE

For preemergence control of susceptible grassy and broadleaf weeds in citrus plantings, a tank mixture of GOAL 2XL herbicide with Devrinol, simazine, Solicam or 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, a tank mixture of paraquat (Gramoxone) or glyphosate (Roundup) with GOAL 2XL herbicide or combinations of GOAL 2XL herbicide plus Devrinol, simazine, Solicam or Surflan 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 2XL herbicide used alone, control of susceptible weeds listed on the respective labels for the following products is also obtained:

**Devrinol
paraquat (Gramoxone)
glyphosate (Roundup)**

**simazine*
Solicam
Surflan**

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

CITRUS (NONBEARING)—SPECIFIC USE RESTRICTIONS

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

- Apply GOAL 2XL herbicide only to nonbearing citrus trees.
- Do not apply more than 8 pints of GOAL 2XL herbicide (2.0 lbs. active) per broadcast acre in a single application or more than 16 pints (4.0 lbs. active) per broadcast acre during any 12-month period as a result of multiple applications.
- GOAL 2XL herbicide or any of the combinations recommended on this label should only be applied to healthy growing trees.
- Do not apply during periods of new foliage growth. Applications should be made after foliage has fully expanded and hardened off.
- Direct spray toward the base of trees. Avoid direct spray contact on the citrus foliage.

COFFEE

BEARING AND NONBEARING COFFEE IN HAWAII

GENERAL INFORMATION

GOAL 2XL is effective as a preemergence herbicide when used alone for the control of certain annual broadleaf weeds in bearing and nonbearing coffee plantings.

For postemergence control of certain grassy and broadleaf weeds, a tank mixture of either paraquat (Gramoxone) or glyphosate (Roundup) with GOAL 2XL herbicide can be applied to seedling weeds.

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

GOAL 2XL HERBICIDE USED ALONE

DOSAGE

For preemergence control of susceptible weeds, GOAL 2XL herbicide is recommended at 2 to 8 pints (0.5 to 2.0 lbs. active) per broadcast acre as a preemergence application directed to the orchard floor beneath coffee plants, or at a dosage of up to 4 pints per broadcast acre as a pre-transplant application.

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

GOAL 2XL herbicide may be applied postemergence (over the top) to dormant coffee transplants. Applications must only be made prior to bud break to avoid possible phytotoxicity to the coffee foliage. Over-the-top applications made after buds start to swell may result in injury to the coffee plant and are not recommended.

Dosages listed on this label are for broadcast application. For banded application, the amount of GOAL 2XL 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 POSTEMERGENCE

Apply 2 to 8 pints (0.5 to 2.0 lbs. active) of GOAL 2XL herbicide per broadcast acre. Applications to weeds beyond the four-leaf stage may result in partial control.

PURSLANE, COMMON

SPURGE, GARDEN

WEEDS CONTROLLED PREEMERGENCE

Apply 2 to 8 pints (0.5 to 2.0 lbs. active) of GOAL 2XL herbicide per broadcast acre.

AGERATUM

CROTALARIA

SPURGE, GARDEN

BUTTONWEED

PURSLANE, COMMON

TIMING AND METHOD OF APPLICATION

DO NOT APPLY PREPLANT OR PREEMERGENCE TO DIRECT-SEEDED COFFEE.

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

As a preemergence or postemergence treatment to weeds, apply in a minimum of 30 gallons of water per acre. Use higher volumes to ensure adequate coverage in high densities of emerged weeds or heavy trash. GOAL 2XL herbicide should be directed to the soil and the base of the tree. Use of a low-pressure sprayer equipped with a breakaway boom and flat fan or off-center (OC) nozzles is recommended. Spray equipment should be calibrated carefully before each use.

TANK MIXES WITH GOAL 2XL 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.

For postemergence control of susceptible grassy and broadleaf weeds in coffee plantings, a tank mixture of GOAL 2XL herbicide with either glyphosate (Roundup) or paraquat (Gramoxone) may be applied as a directed spray. Apply

at recommended rates and growth stages to susceptible weed species in a manner described on the respective labels.

WEEDS CONTROLLED POSTEMERGENCE

In addition to the weeds controlled by GOAL 2XL herbicide used alone, control of susceptible weeds listed on the respective labels for the following products is also obtained.

paraquat (Gramoxone)

glyphosate (Roundup)

COFFEE—SPECIFIC USE RESTRICTIONS

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

- Do not apply preplant or preemergence to direct-seeded coffee.
- Direct spray toward the base of the trees. Avoid spray contact with foliage.
- GOAL 2XL herbicide may be applied as a postemergence (over the top) application to dormant transplants. Do not apply over the top to coffee transplants after buds start to swell.
- GOAL 2XL herbicide or any of the combinations recommended on this label should be applied to only healthy growing trees/transplants under standard commercial growing practices.
- Do not apply more than 8 pints (2.0 lbs. active) per broadcast acre of GOAL 2XL herbicide in a single application or 24 pints (6.0 lbs. active) per broadcast acre per year.
- Do not apply GOAL 2XL herbicide within one (1) day of harvesting.
- Applications of GOAL 2XL herbicide during periods of rapid new foliage growth may cause injury.

CONIFER SEEDBEDS, TRANSPLANTS, CONTAINER STOCK AND SELECTED FIELD-GROWN DECIDUOUS TREES

GENERAL INFORMATION

GOAL 2XL is effective as a preemergence and/or postemergence herbicide for the control of certain annual grassy and broadleaf weeds in conifer seedbeds, transplants and container stock, and in selected field-grown deciduous trees. Pre-emergence weed control is most effective when spray is applied to clean, weed-free soil surfaces. Treated soil surfaces should not be disturbed as the herbicidal effectiveness of GOAL 2XL may be decreased. Seedling weeds are controlled during emergence as they come in contact with the soil-applied herbicide. The most effective postemergence weed control is achieved when GOAL 2XL herbicide is applied to seedling weeds less than 4 inches in height.

Occasionally after the use of GOAL 2XL herbicide, a spotting, crinkling, or flecking may appear on leaves of conifer and deciduous species. Leaves that receive direct or indirect (drift) spray contact may be injured. The conifer and deciduous species typically outgrow this condition rapidly and develop normally.

IMPORTANT: When applied as directed, the conifer and selected deciduous species listed on this label have shown tolerance to GOAL 2XL. It is impossible, however, to evaluate this product on all varieties, biotypes and cultivars of listed species on this label or under all possible growing conditions. The user should exercise reasonable judgment and caution with this product. Until familiar with results under user growing conditions, limit application of this product to a few plants in a small treated area to determine plant tolerance and extent of injury if such occurs, prior to initiating large-scale applications.

WEEDS CONTROLLED

When GOAL 2XL herbicide is applied preemergence or postemergence at recommended dosages and weed stages, the following grasses and broadleaf weeds are controlled:

*BARNYARDGRASS	GROUNDSEL,	PIGWEEED, REDROOT
BEDSTRAW,	COMMON	PIMPERNEL,
CATCHWEED	HENBIT	SCARLET
BITTERCRESS,	JIMSONWEED	PURSLANE, COMMON
LESSER	KNOTWEED,	REDMAIDS
*BLUEGRASS,	PROSTRATE	ROCKET, LONDON
ANNUAL	LADYSTHUMB	SANDSPURRY, RED
BUCKWHEAT, WILD	LAMBSQUARTERS,	*SHEPHERDSPURSE
BURCLOVER	COMMON	SIDA, PRICKLY
CARPETWEED	LETTUCE, PRICKLY	SMARTWEED,
*CLOVER, RED	MALLOW, LITTLE	PENNSYLVANIA
*CLOVER, WHITE	MAYWEED	SORREL, RED
COCKLEBUR,	MINERSLETTUCE	(FROM SEED)
COMMON	*MORNINGGLORY,	SOWTHISTLE,
*CRABGRASS, LARGE	IVYLEAF	ANNUAL
*FIDDLENECK,	*MORNINGGLORY,	SPEEDWELL,
COAST	TALL	BIRDSEYE
FILAREE,	MUSTARD, BLUE	**SPURGE,
BROADLEAF	MUSTARD, TUMBLE	PROSTRATE
FILAREE, REDSTEM	MUSTARD, WILD	**SPURGE, SPOTTED
FIREWEED (FROM	NETTLE, BURNING	SPURRY, CORN
SEED)	NIGHTSHADE, BLACK	TANSYMUSTARD
FLIXWEED	NIGHTSHADE, HAIRY	**THISTLE, BULL
*FOXTAIL, GIANT	OATS, WILD	THISTLE, RUSSIAN
*GOOSEGRASS	ORACH, RED	VELVETLEAF
GROUNDCHERRY,	PEPPERWEED,	WITCHGRASS
CUTLEAF	YELLOWFLOWER	**WOODSORREL,
GROUNDCHERRY,	PIGWEEED,	YELLOW
WRIGHT	PROSTRATE	

*Highest rate and/or multiple applications may be required for acceptable control.

**Preemergence control only.

GOAL 2XL herbicide is most effective when applied preemergence to annual grasses. Postemergence applications should be made to seedling grasses not exceeding the 2-leaf stage. The addition of 0.25% (2 pints/100 gallons of spray solution) of LATRON AG-98 or comparable 80% active nonionic surfactant, cleared for application on growing crops, enhances the GOAL 2XL herbicide activity on emerged weeds.

When determining an appropriate use rate where a range of rates is provided, use higher rates where heavy weed pressure is anticipated, or where medium and fine soil textures exist and high organic matter soils are present.

CONIFER SEEDBEDS

To assist in the establishment of conifer seedbeds, GOAL 2XL herbicide can be applied as a preemergence application following seeding. Postemergence applications should be delayed until a minimum of 5 weeks after emergence of the conifer seedlings. During periods of cool, cloudy weather, make certain that seedlings have hardened off prior to spraying.

Conifers are tolerant to preemergence and postemergence applications of GOAL 2XL herbicide. GOAL 2XL herbicide will provide both postemergence and residual preemergence control of many broadleaf weeds and annual grass species.

CONIFER SPECIES

GOAL 2XL herbicide may be applied to conifer seedbeds of species:

DOUGLAS FIR	<i>Pseudotsuga menziesii</i>
FIR	
FRASER	<i>Abies fraseri</i>
GRAND	<i>Abies grandis</i>
NOBLE	<i>Abies procera</i>
HEMLOCK	
EASTERN HEMLOCK	<i>Tsuga canadensis</i>
PINE	
AUSTRIAN	<i>Pinus nigra</i>
EASTERN WHITE	<i>Pinus strobus</i>
HIMALAYAN	<i>Pinus wallichiana</i>
JACK	<i>Pinus banksiana</i>
LOBLOLLY	<i>Pinus taeda</i>
LODGEPOLE	<i>Pinus contorta</i>
LONGLEAF	<i>Pinus palustris</i>
MONTEREY	<i>Pinus radiata</i>
MUGHO	<i>Pinus mugo</i>
PONDEROSA	<i>Pinus ponderosa</i>
SCOTCH	<i>Pinus sylvestris</i>
SHORTLEAF	<i>Pinus echinata</i>
SLASH	<i>Pinus elliotii</i>
VIRGINIA	<i>Pinus virginiana</i>
SPRUCE	
BLUE	<i>Picea pungens</i>
DWARF ALBERTA	<i>Picea glauca conica</i>
NORWAY	<i>Picea abies</i>
SITKA	<i>Picea sitchensis</i>

PREEMERGENCE DOSAGE

Apply 1 to 4 pints (0.25 lb. to 1.0 lb. active) of GOAL 2XL herbicide per broadcast acre as a preemergence application prior to conifer emergence. Where grassy weeds are present, a rate of 2 to 4 pints (0.5 to 1.0 lb. active) of GOAL 2XL herbicide per broadcast acre is recommended. In known areas of high weed competition, 4 pints (1.0 lb. active) of GOAL 2XL herbicide per broadcast acre are recommended.

TIMING AND METHOD OF APPLICATION

GOAL 2XL herbicide should be thoroughly mixed with clean water at recommended concentration and applied at 20 to 40 psi in a minimum of 20 gallons of water per treated acre. Broadcast to beds and irrigate prior to weed emergence with $\frac{1}{2}$ to $\frac{3}{4}$ inch of sprinkler irrigation.

POSTEMERGENCE DOSAGE

Apply 1 to 2 pints (0.25 lb. to 0.5 lb. active) of GOAL 2XL herbicide per broadcast acre with each postemergence application. Depending on subsequent weed flushes, multiple applications may be necessary to achieve season-long weed control.

TIMING AND METHOD OF APPLICATION

Postemergence applications should be delayed until a minimum of 5 weeks after emergence of conifer seedlings. During periods of cool, cloudy weather, make certain that seedlings have hardened off prior to spraying. Application should be made to seedling weeds (less than 4 inches in height). GOAL 2XL herbicide should be thoroughly mixed with clean water at recommended concentration and applied as a broadcast application at 20 to 40 psi in a minimum of 20 gallons of water per treated acre.

CONIFER TRANSPLANTS AND CONTAINER STOCK (INCLUDES 2-0 SEEDLING AND CHRISTMAS TREE PLANTINGS)

Many container-grown conifers and conifer transplants are tolerant to preemergence and postemergence applications of GOAL 2XL herbicide. Applied postemergence, GOAL 2XL herbicide will provide both postemergence and preemergence control of many broadleaf weeds and grasses listed in the "Weeds Controlled" Section above. Postemergence applications should be applied before bud break or after foliage has had an opportunity to harden off. Conifers may be transplanted from seedbeds and sprayed directly providing bud break has not occurred.

The following conifer species, in addition to species listed under the CONIFER SEEDBED section, have been shown to be tolerant to GOAL 2XL herbicide.

ARBORVITAE

Thuja occidentalis *Thuja orientalis*

JUNIPER

Juniperus chinensis *Juniperus sabina*
Juniperus horizontalis *Juniperus scopulorum*
Juniperus procumbens

RED CEDAR

Juniperus virginiana

WESTERN HEMLOCK

Tsuga heterophylla

YEW

Taxus species

DOSAGE

For preemergence or postemergence weed control apply 4 to 8 pints (1.0 lb. to 2.0 lbs. active) of GOAL 2XL herbicide per broadcast acre.

TIMING AND METHOD OF APPLICATION

For optimum weed control, preemergence applications should be made immediately after transplanting seedlings or to weed-free container stock. Postemergence applications should be made to weeds less than 4 inches in height. Two applications may be necessary, in fall-transplanted conifer fields, for season-long weed control. The addition of 0.25% (2 pints/100 gals. of spray solution) of LATRON AG-98 or comparable 80% active nonionic surfactant, cleared for application to growing crops, enhances GOAL 2XL herbicide activity on emerged weeds. GOAL 2XL herbicide must be applied only to conifer transplants prior to bud break or after foliage has had an opportunity to harden off. Thoroughly mix with clean water at recommended concentration and apply at 20 to 40 psi in a minimum of 20 gallons of water per treated acre. Spray over the top of transplants. Heavy rainfall immediately following application to emerged weeds may reduce effectiveness.

TANK MIXTURES FOR SELECTED FIELD-GROWN CONIFERS

In addition to the weeds controlled by GOAL 2XL herbicide used alone, tank mixes with other preemergence or postemergence herbicides registered for this use, may provide a broader spectrum of weed control.

GOAL 2XL herbicide may be tank mixed with products containing the following active ingredients registered for use in conifer plantings:

glyphosate	prodiamine
napropamide	pronamide
oryzalin	sethoxydim
pendimethalin	

Determine the additional weed species to be controlled and, based on label claims, select the product(s) which would give effective control of the targeted weed(s). When using tank mixes of two or more products, use conditions must be in accordance with the more (most) restrictive of the label limitations and precautions of the mixing partners.

IMPORTANT: Read and follow container labels of tank-mix partners and use as directed by labeling. Follow the most restrictive labeling.

CONIFER—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 8 pints (2.0 lbs. active) of this product per broadcast acre per year.
- NOT FOR CONIFER RELEASE IN FOREST MANAGEMENT PROGRAMS OR FOR FOREST REGENERATION APPLICATIONS.
- Do not apply GOAL 2XL herbicide in an enclosed greenhouse structure, as injury to plant foliage may result.
- Do not store or transport treated container stock in an enclosed structure until completion of 4 irrigations (minimum 21 days), as injury to non-labeled plants may occur.
- Always apply GOAL 2XL herbicide only to healthy conifer stock. Do not apply GOAL 2XL herbicide to conifers that are under stress from excessive fertilizer or soil salts, disease, nematodes, frost, drought, flooding, previously applied pesticides, soil insects, or winter injury, as severe injury may result.
- Do not graze or feed livestock forage cut from areas treated with GOAL 2XL herbicide.

SELECTED FIELD-GROWN DECIDUOUS TREES

Many field-grown deciduous trees are tolerant to applications of GOAL 2XL herbicide directed to the soil and base of the plant. GOAL 2XL herbicide will provide both preemergence and postemergence control of many broadleaf weeds and grasses.

DECIDUOUS TREE SPECIES

**Almond	<i>Prunus</i> spp.
**Apple	<i>Malus X domestica</i>
**Apricot	<i>Prunus</i> spp.
Ash, Green	<i>Fraxinus pennsylvanica</i>
Ash, White	<i>Fraxinus americana</i>
Birch, River	<i>Betula nigra</i>
**Cherry	<i>Prunus</i> spp.
**Chestnut	<i>Castanea</i> spp.
**Crabapple	<i>Malus</i> spp.
Dogwood	<i>Cornus florida</i>

Eucalyptus	<i>Eucalyptus viminalis</i>
	<i>Eucalyptus pulverulenta</i>
	<i>Eucalyptus camaldulensis</i>
**Filbert	<i>Corylus</i> spp.
Lilac	<i>Syringa vulgaris</i>
Locust, Black	<i>Robinia pseudoacacia</i>
*Maple, Black	<i>Acer nigrum</i>
*Maple, Red	<i>Acer rubrum</i>
*Maple, Sugar	<i>Acer saccharum</i>
Myrtle, Crepe	<i>Lagerstroemia indica</i>
**Nectarine	<i>Prunus</i> spp.
**Nut, Hickory	<i>Carya</i> sp.
**Nut, Macadamia	<i>Macadamia ternifolia</i>
Oak, Chestnut	<i>Quercus prinus</i>
Oak, Pin	<i>Quercus palustris</i>
Oak, Red	<i>Quercus rubra</i>
Oak, Water	<i>Quercus nigra</i>
Oak, Willow	<i>Quercus phellos</i>
Olive, Russian	<i>Elaeagnus angustifolia</i>
Poplar	<i>Populus</i> spp.
Poplar, Tulip	<i>Liriodendron tulipifera</i>
**Peach	<i>Prunus persica</i>
**Pear	<i>Pyrus</i> spp.
**Pecan	<i>Carya</i> spp.
**Pistachio	<i>Pistacia vera</i>
**Plum	<i>Prunus</i> spp.
**Prune	<i>Prunus</i> spp.
Redbud	<i>Cercis canadensis</i>
Sweetgum	<i>Liquidambar styraciflua</i>
Sycamore	<i>Platanus occidentalis</i>
**Walnut, Black	<i>Juglans nigra</i>

*Do not apply to maple trees used for production of maple sap or maple syrup.

**Apply as directed to nonbearing trees. For bearing treefruit, nut and vine crops, refer to Treefruit/Nut/Vine section of this label for use directions.

DOSAGE

Apply 2 to 8 pints (0.5 lb. to 2.0 lbs. active) of GOAL 2XL herbicide per acre as a spray to the soil area surrounding deciduous plants for preemergence or early postemergence weed control. This product may be applied as a single or split application.

DO NOT apply more than 8 pints of product per season.

For spot treatments, refer to the following table for dosage recommendations. Sprays must be uniform and applied to the soil on a spray-to-wet basis. When spraying to control weeds on a preemergence or postemergence basis, 1 gallon of spray mixture should cover 400 square feet (this is equivalent to applying GOAL 2XL herbicide at a use rate of approximately one gallon per acre in a spray volume of 110 gallons per acre). It is recommended that an 80% active nonionic surfactant be added to the spray mixture at a rate of 1 tablespoon (0.5 fluid ounce) per gallon of spray when making postemergence applications.

Pounds Active/Acre	Pints GOAL 2XL/Acre	Fluid Ounces (milliliters) of GOAL 2XL in one gallon of spray mix to treat 400 Sq. Ft.	Fluid Ounces (milliliters) of GOAL 2XL in one quart of spray mix to treat 100 Sq. Ft.
2	8	1.2 (35)	0.3 (9)

TIMING

GOAL 2XL herbicide can be applied after transplanting or to established deciduous trees. For optimum weed control, applications should be made prior to weed germination.

For maximum safety to deciduous species mentioned on this label, post-directed applications of GOAL 2XL should be made to the soil prior to bud swell in the spring or after trees have initiated dormancy in the fall. Care must be taken to avoid contact of spray drift or mist with foliage or green bark of deciduous trees.

GOAL 2XL herbicide may be phytotoxic to the foliage of non-target plants. Avoid making applications of this product under conditions that favor drift to non-target areas.

Note: Applications made after bud swell may result in injury to deciduous trees and are not recommended. If a nondormant application is required due to weed competition, do not apply during periods of new foliage growth. Applications should be made after foliage has fully expanded and hardened off. Direct spray toward the soil at the base of the trees and use greater than 50 gallons of water per acre. Splashing soil can carry GOAL 2XL herbicide, which may injure the leaves of some deciduous trees.

METHOD OF APPLICATION

GOAL 2XL herbicide should be directed to the soil. Avoid direct spray or drift onto foliage, flowers or green bark. Apply in 20 or more gallons of water per acre to provide uniform spray distribution and coverage to the soil surface. Use higher volumes to ensure adequate soil coverage in high densities of emerged weeds or heavy trash. Thorough spray coverage is essential to maximize the postemergence activity of GOAL 2XL. Use a low-pressure (20 to 40 psi) sprayer. The use of

spray shields that reduce exposure of foliage and bark to GOAL 2XL spray is suggested. Spray equipment should be calibrated carefully before each use.

TANK MIXTURES FOR SELECTED FIELD-GROWN DECIDUOUS TREES

In addition to the weeds controlled by GOAL 2XL herbicide used alone, tank mixes with other preemergence or postemergence herbicides registered for this use, may provide a broader spectrum of weed control.

GOAL 2XL herbicide may be tank mixed with products containing the following active ingredients registered for use in conifer plantings:

glyphosate	prodiamine
napropamide	pronamide
oryzalin	sethoxydim
pendimethalin	

Determine the additional weed species to be controlled and, based on label claims, select the product(s) which would give effective control of the targeted weed(s). When using tank mixes of two or more products, use conditions must be in accordance with the more (most) restrictive of the label limitations and precautions of the mixing partners.

IMPORTANT: Read and follow container labels of tank-mix partners and use as directed by labeling. Follow the most restrictive labeling.

FIELD-GROWN DECIDUOUS TREES—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 8 pints (2.0 lbs. active) of this product per broadcast acre per year.
- The use directions described here for field-grown deciduous trees do not apply to bearing treefruit, nut and vine crops. For selected bearing treefruit, nut and vine crops, refer to the Treefruit/Nut/Vine section of this label for use directions.
- Apply this product to the soil surface surrounding trees prior to bud swell or after trees have initiated dormancy in the fall. Although not recommended, if a nondormant application is required, apply as a directed spray when foliage has fully expanded and hardened off. Do not apply during periods of new foliage growth.
- Avoid direct or indirect spray contact to foliage flowers and green bark.
- DO NOT apply this product when weather conditions favor drift. Avoid drift to non-target areas. GOAL 2XL herbicide is phytotoxic to plant foliage.
- DO NOT apply GOAL 2XL herbicide to trees that have been weakened or are under stress from excessive fertilizer or soil salts, disease, nematodes, frost, wind injury, drought, flooding, previously applied pesticides, insects, or winter injury, as severe injury may result.
- DO NOT graze or feed livestock forage cut from areas treated with GOAL 2XL herbicide.

COTTON

POST-DIRECTED SPRAY

GENERAL INFORMATION

GOAL 2XL is a selective herbicide for use as a post-directed application for broadleaf weed control in cotton. Cotton leaves that are accidentally sprayed will exhibit necrotic spotting and may drop from the plant, therefore, care must be exercised to avoid spray contact with the cotton leaves. Crop response may be enhanced if applications are made when excessive soil moisture is present or if rainfall occurs following application. Cotton will outgrow this condition and continue to develop normally.

DOSAGE

GOAL 2XL herbicide is recommended as a post-directed application at 1 to 2 pints (0.25 to 0.5 lbs. active) per acre.* Optimum control is achieved when 2 pints of GOAL 2XL herbicide (0.5 lbs. active) per acre* are applied to weed seedlings not exceeding 4 true leaves. Effective control of succulent weed seedlings in the 2- to 3-leaf stage can usually be obtained when 1 pint of GOAL 2XL herbicide (0.25 lbs. active) per acre* is applied. See MIXING DIRECTIONS for surfactant recommendation. Weeds should be in the seedling stage, young and actively growing. Do not count cotyledon leaves.

*Dosages listed are for broadcast application. For banded application, the amount of GOAL 2XL 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 POSTEMERGENCE

When GOAL 2XL herbicide is applied as a post-directed application at the recommended weed stage and dosage in cotton, the following weeds are controlled:

COCKLEBUR, COMMON	COMMON MORNINGGLORY,	PIGWEEED, REDROOT
CROTON, TROPIC	ANNUAL (UP TO 6-LEAF)	*POINSETTIA, WILD
GROUNDCHERRY, CUTLEAF	NIGHTSHADE,	PURSLANE, COMMON
GROUNDCHERRY, WRIGHT	AMERICAN BLACK	SESBANIA, HEMP
JIMSONWEED	NIGHTSHADE, BLACK	**SICKLEPOD
LAMBSQUARTERS,	NIGHTSHADE, HAIRY	*SIDA, PRICKLY (TEAWEED)
		SMARTWEED,

PENNSYLVANIA VELVETLEAF

*Multiple applications may be required for acceptable control.

**Post-direct applications of GOAL 2XL herbicide will kill or suppress seedlings not exceeding the one true leaf stage.

TIMING**SOUTHERN COTTON**

ALABAMA, ARKANSAS, GEORGIA, LOUISIANA, MISSISSIPPI, MISSOURI, NEW MEXICO, NORTH CAROLINA, OKLAHOMA, SOUTH CAROLINA, TENNESSEE, TEXAS AND VIRGINIA

Cotton plant height must be a minimum 6 inches or greater. Application to cotton plants less than 6 inches tall may result in severe crop injury and is not recommended. In cotton 6 to 8 inches tall, GOAL 2XL herbicide must be applied using rigid precision ground sprayer equipment. The use of spray shields is recommended to avoid spray contact with cotton foliage. Use branch lifters or shields if excessive spray contact on larger cotton plants (8 inches or greater) cannot be avoided by the directed spray.

WESTERN COTTON**ARIZONA AND CALIFORNIA**

Cotton plant height must be a minimum 6 inches or greater. Application to cotton plants less than 6 inches tall may result in severe crop injury and is not recommended. In cotton 6 to 8 inches tall, GOAL 2XL herbicide must be applied using rigid precision ground sprayer equipment. The use of spray shields is recommended to avoid spray contact with cotton foliage. Use branch lifters or shields if excessive spray contact on larger cotton plants (8 inches or greater) cannot be avoided by the directed spray.

To obtain the maximum benefit of postemergence activity, encourage weed emergence by irrigating prior to spraying. Irrigate immediately following herbicide application to obtain greatest benefit of preemergence activity from GOAL 2XL herbicide on nightshade and groundcherry species.

METHOD OF APPLICATION**SOUTHERN AND WESTERN COTTON**

Accurate, uniform placement of GOAL 2XL herbicide spray is essential for effective weed control and to minimize cotton injury. As a directed postemergence application, GOAL 2XL herbicide should be applied at 20 to 25 psi using 20 to 40 gallons of spray on a broadcast acre basis. Do not exceed 25 psi. Spray should be directed towards the base of the cotton plant. Cotton foliage receiving accidental spray or drift may be injured. Weeds should be in the seedling stage, young and actively growing.

GOAL 2XL herbicide can be applied using a post-direct spray rig with only 2 flat fan nozzles per row, 1 nozzle on each side of the row. Additional care should be taken when adjusting sprayer prior to application. For best coverage, it is suggested to use 4 flat fan nozzles per row, 2 nozzles on each side of the row. The 2 forward nozzles should point forward and downward while the rear nozzles should point to the rear and downward. With either sprayer system, nozzles should be adjusted to cover the weed foliage with minimum contact to the cotton plant. **Do not use cone nozzles.**

TANK MIXES WITH GOAL 2XL HERBICIDE

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

DOSAGE

For postemergence control of susceptible grassy and broadleaf weeds in cotton, a tank mixture of GOAL 2XL herbicide with either Bladex®, Karmex® (diuron) or MSMA can be applied as a post-directed application. Apply at the recommended rates and growth stages to susceptible weed species in a manner described on the respective labels.

COTTON—SOUTHERN AND WESTERN—SPECIFIC USE RESTRICTIONS

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

- **SOUTHERN COTTON:** Do not apply more than 2 pints (0.5 lbs. active) per broadcast acre of GOAL 2XL herbicide per season as a result of a single application or multiple applications. Do not apply within 90 days of harvest.
- **WESTERN COTTON:** Do not apply more than 2 pints (0.5 lbs. active) of GOAL 2XL herbicide per broadcast acre in a single application, or more than a total of 4 pints (1.0 lb. active) of GOAL 2XL herbicide per broadcast acre per season as a result of multiple applications. Do not apply within 75 days of harvest.

COTTONWOOD**GENERAL INFORMATION**

GOAL 2XL is an effective herbicide for postemergence and preemergence control of certain broadleaf weeds in cottonwood plantings. GOAL 2XL herbicide may be applied postemergence or be post-directed to the base of the cottonwood tree. Applications must only be made prior to bud break to avoid possible phytotoxicity to the cottonwood foliage. Applications made after bud break may result in injury to the cottonwood plant and are not recommended.

DOSAGE

Apply 4 to 8 pints (1.0 to 2.0 lbs. active) of GOAL 2XL herbicide per broadcast acre for preemergence and postemergence weed control. The addition of 1 quart of LATRON AG-98 or a comparable 80% active nonionic surfactant per 100 gallons of spray mix will assist in spray coverage and wetting of weeds for postemergence control.

WEEDS CONTROLLED

When GOAL 2XL herbicide is applied preemergence or postemergence to weed seedlings (not exceeding 6-leaf stage) at recommended dosages, the following broadleaf weeds are controlled:

GROUNDSEL, COMMON	LAMBSQUARTERS, COMMON	SMARTWEED, PENNSYLVANIA
KNOTWEED, PROSTRATE	MUSTARD, HEDGE SHEPHERDSPURSE	

TIMING AND METHOD OF APPLICATION

For optimum weed control, GOAL 2XL herbicide should be applied prior to weed emergence. Preemergence applications should be made prior to or immediately after transplanting dormant cottonwood seedlings. Applications must be made prior to bud break of the cottonwood trees.

GOAL 2XL herbicide should be applied in a minimum of 20 gallons of water per acre depending upon density of emerged weeds. Spray volume should be increased as weed height and density increase. Use a low-pressure sprayer equipped with flat fan nozzles. Spray equipment should be calibrated carefully before each use.

COTTONWOOD—SPECIFIC USE RESTRICTIONS

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

- GOAL 2XL herbicide should only be applied to dormant healthy cottonwood stock.
- Do not apply more than 8 pints (2.0 lbs. active) per treated acre per growing season as a result of single or multiple applications.

EUCALYPTUS**GENERAL INFORMATION**

GOAL 2XL is an effective herbicide for postemergence and preemergence control of certain broadleaf weeds in permanently established eucalyptus (*E. viminalis*, *E. pulverulenta*, *E. camaldulensis*) plantings.

In new plantings, GOAL 2XL herbicide should be applied immediately prior to or immediately following transplanting of dormant eucalyptus seedlings. In established plantings, GOAL 2XL herbicide may be applied postemergence (over the top) or be post-directed to the base of the eucalyptus tree. Applications must only be made prior to bud break to avoid possible phytotoxicity to the eucalyptus foliage. Applications made after bud break may result in injury to the eucalyptus plant and are not recommended.

DOSAGE

Apply 4 to 8 pints (1.0 to 2.0 lbs. active) of GOAL 2XL herbicide per broadcast acre for preemergence and postemergence weed control. The addition of 1 quart of LATRON AG-98 or a comparable 80% active nonionic surfactant per 100 gallons of spray mix will assist in spray coverage and wetting of weeds for postemergence control.

WEEDS CONTROLLED

When GOAL 2XL herbicide is applied preemergence or postemergence to weed seedlings (not exceeding 6-leaf stage) at recommended dosages, the following broadleaf weeds are controlled:

WEEDS CONTROLLED POSTEMERGENCE

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

WEEDS CONTROLLED PREEMERGENCE

BURCLOVER	GROUNDSEL, COMMON	PURSLANE, COMMON REDMAIDS
CHEESEWEED (MALVA)	HENBIT	ROCKET, LONDON SHEPHERDSPURSE
FIDDLENECK, COAST	KNOTWEED, PROSTRATE	SOWTHISTLE, ANNUAL
FILAREE, BROADLEAF	LAMBSQUARTERS, COMMON	SPURGE, PROSTRATE
FILAREE, WHITESTEM	LETTUCE, PRICKLY PIGWEEED, REDROOT	SPURGE, SPOTTED

*GOAL 2XL herbicide at the 8-pint rate (2.0 lbs. active) will provide control of filaree up to the 6-leaf stage.

TIMING AND METHOD OF APPLICATION

For optimum weed control, GOAL 2XL herbicide should be applied prior to weed emergence. Postemergence applications should be applied to seedling weeds (up to the 6-leaf stage). Applications must be made prior to bud break of either transplants or established eucalyptus trees.

GOAL 2XL herbicide should be applied at 20 to 40 psi in a minimum of 20 gallons of water per acre depending upon density of emerged weeds. Spray volume should be increased as weed height and density increase. Use a low-pressure sprayer equipped with flat fan nozzles. Spray equipment should be calibrated carefully before each use.

EUCALYPTUS—SPECIFIC USE RESTRICTIONS

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

- GOAL 2XL herbicide should only be applied to dormant healthy eucalyptus stock.

- Do not apply more than 8 pints (2.0 lbs. active) per treated acre per growing season as a result of single or multiple applications.

FALLOW BED**GROUND OR AERIAL APPLICATION OF GOAL 2XL HERBICIDE ON FALLOW BEDS****GENERAL INFORMATION**

GOAL 2XL 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 2XL Herbicide Use Rate	
	up to 1 pint/A	up to 2 pints/A
CARROT	90 DAYS	90 DAYS
POTATO	60 DAYS	60 DAYS
SUGARBEET	60 DAYS	60 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
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 (includes barley, buckwheat, corn, proso millet, pearl millet, oats, popcorn, rice, rye, sorghum, triticale, wheat, wild rice)	10 MONTHS	10 MONTHS
COTTON AND SOYBEAN (See specific labeling for fallow beds to be planted to cotton or soybeans)		
TRANSPLANTED CROPS	GOAL 2XL Herbicide Use Rate	
	up to 1 pint/A	up to 2 pints/A
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

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.

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 2XL HERBICIDE USED ALONE**DOSAGE**

GOAL 2XL herbicide may be applied at 1 to 2 pints (0.25 to 0.5 lbs. active) per broadcast acre. The lower rate (1 pint per acre) should provide up to 4 weeks of preemergence control of susceptible weeds and provide postemergence control of susceptible weeds (up to 4-leaf stage). The higher rate (2 pints per acre) should provide preemergence control of susceptible weeds for up to 8 weeks and postemergence control of 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 2XL herbicide should provide preemergence and postemergence* control of the following weeds when used at recommended dosages and weed stage.

CHEESEWEED (MALVA)	GROUNDSEL, COMMON	REDMAIDS ROCKET, LONDON
FIDDLENECK, COAST	HENBIT	SHEPHERDSPURSE
FILAREE, BROADLEAF	MINERSLETTUCE	SOWTHISTLE, ANNUAL
FILAREE, REDSTEM	MUSTARD, SPECIES NETTLE, BURNING	

*Thorough spray coverage is essential to maximize the postemergence activity of GOAL 2XL herbicide. For postemergence control when applied by air, a tank mixture of GOAL 2XL herbicide with glyphosate (Roundup) is recommended.

GOAL 2XL 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 2XL herbicide with glyphosate (Roundup) for postemergence control is recommended.

TANK MIXES WITH GOAL 2XL 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 mix, the most restrictive situations must apply.

DOSAGE

GOAL 2XL herbicide can be tank mixed with glyphosate (Roundup) to obtain postemergence control of annual grassy weeds, volunteer grains and broadleaf weeds. Tank mix 1 to 2 pints (0.25 to 0.5 lbs. active) of GOAL 2XL herbicide with labeled rates of glyphosate (Roundup). 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 2XL 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 2XL 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 2XL/glyphosate [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 $\frac{3}{4}$ of the span; this will minimize the formation of spray or wing tip vortices. 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.

- Do not apply when the wind direction is not stable, when inversion conditions exist, or when wind velocity exceeds 10 mph.
- When wind speeds are 5 mph or less, maintain a minimum downwind buffer zone of at least $\frac{1}{2}$ 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 nontargeted vegetable fallow beds.
- When wind speeds are between 5 and 10 mph, downwind buffer zones in excess of those listed above are suggested.
- For upwind and side borders, maintain a minimum buffer zone of 150 feet from any nontargeted 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 2XL herbicide in a manner other than as recommended is done at the user's risk. Users are responsible for all loss or damage that 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.

FALLOW BED—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 pints (0.5 lbs. active) of GOAL 2XL herbicide per acre per fallow season.

FALLOW BED**COTTON/SOYBEANS****GROUND OR AERIAL APPLICATION OF GOAL 2XL HERBICIDE ON FALLOW BEDS (TO BE PLANTED TO COTTON OR SOYBEANS)****NOT FOR USE ON FALLOW BEDS TO BE PLANTED TO SOYBEANS IN CALIFORNIA****GENERAL INFORMATION**

GOAL 2XL herbicide 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 2XL herbicide 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 2XL HERBICIDE USED ALONE**DOSAGE**

GOAL 2XL herbicide may be applied at 1 to 2 pints (0.25 to 0.5 lbs. active) per broadcast acre. The lower rate (1 pint per acre) should provide up to 4 weeks of preemergence control of susceptible weeds and provide postemergence control of susceptible weeds (up to 4-leaf stage). The higher rate (2 pints per acre) should provide preemergence control of susceptible weeds for up to 8 weeks and postemergence control of 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 2XL herbicide should provide preemergence and postemergence* control of the following weeds when used at recommended dosages and weed stage.

BUTTERCUP,	CAROLINA	PIGWEEED, REDROOT
SMALLFLOWER	GROUNDCHERRY,	PURSLANE, COMMON
CHEESEWEED	CUTLEAF	REDMAIDS
(MALVA)	GROUNDSEL,	ROCKET, LONDON
**EVENINGPRIM-	COMMON	SHEPHERDSPURSE
ROSE, CUTLEAF	HENBIT	SIDA, PRICKLY
FIDDLENECK, COAST	LADYSTHUMB	SOWTHISTLE,
FILAREE,	MINERSLETTUCE	ANNUAL
BROADLEAF	MUSTARD SPECIES	VELVETLEAF (WILD
FILAREE, REDSTEM	NETTLE, BURNING	COTTON)
GERANIUM,	OXALIS	

*Thorough spray coverage is essential to maximize the postemergence activity of GOAL 2XL herbicide. For postemergence control when applied by air, a tank mixture of GOAL 2XL herbicide with either glyphosate (Roundup) or paraquat (Gramoxone) is recommended.

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

TANK MIXES WITH GOAL 2XL 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 mix, the most restrictive situations must apply.

DOSAGE

GOAL 2XL 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 to 2 pints (0.25 to 0.5 lbs. active) of GOAL 2XL herbicide with labeled rates of either glyphosate (Roundup) or paraquat (Gramoxone). 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 (burn-down/suppression) to either glyphosate (Roundup) or paraquat (Gramoxone), add GOAL 2XL herbicide at a rate of 3.5 to 6.5 ounces (0.05 to 0.1 lb. active) per acre to labeled rates of either glyphosate (Roundup) or paraquat (Gramoxone). Apply at the recommended rates and growth stages to susceptible weed species in a manner consistent with the respective labels.

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

METHOD OF APPLICATION**GROUND APPLICATION**

GOAL 2XL 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 2XL 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 [Gramoxone]). 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 $\frac{3}{4}$ 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.

- Do not apply when the wind direction is not stable, when inversion conditions exist, or when wind velocity exceeds 10 mph.
- When wind speeds are 5 mph or less, maintain a minimum downwind buffer zone of at least $\frac{1}{2}$ 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 nontargeted vegetable fallow beds.
- When wind speeds are between 5 and 10 mph, downwind buffer zones in excess of those listed above are suggested.
- For upwind and side borders, maintain a minimum buffer zone of 150 feet from any nontargeted 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 2XL herbicide in a manner other than as recommended is done at the user's risk. Users are responsible for all loss or damage that 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.

FALLOW BED (COTTON/SOYBEANS)—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 pints (0.5 lbs. active) of GOAL 2XL herbicide per acre per fallow season.
- Do not apply GOAL 2XL herbicide within 7 days prior to planting of cotton or soybeans.

GUAVA**FOR USE ONLY IN HAWAII****GENERAL INFORMATION**

GOAL 2XL is effective as a preemergence herbicide when used alone for the control of certain annual broadleaf weeds in bearing and nonbearing guava plantings.

For postemergence control of certain grassy and broadleaf weeds, a tank mixture of either paraquat (Gramoxone) or glyphosate (Roundup) with GOAL 2XL herbicide can be applied to seedling weeds.

Check individual labels to determine suitability and use rates for crop.

GOAL 2XL HERBICIDE USED ALONE**DOSAGE**

GOAL 2XL herbicide is recommended for postemergence control of susceptible weeds at 2 to 8 pints (0.5 to 2.0 lbs. active) per broadcast acre.

For preemergence control of susceptible weeds, use 5 to 8 pints (1.25 to 2.0 lbs. active) of GOAL 2XL herbicide per broadcast acre.

WEEDS CONTROLLED POSTEMERGENCE

Apply 2 to 8 pints (0.5 to 2.0 lbs. active) of GOAL 2XL herbicide per broadcast acre. Applications to weeds beyond the 4-leaf stage may result in partial control.

PURSLANE, COMMON SPURGE, GARDEN

WEEDS CONTROLLED PREEMERGENCE

Apply 5 to 8 pints (1.25 to 2.0 lbs. active) of GOAL 2XL herbicide per broadcast acre.

AGERATUM CROTALARIA SPURGE, GARDEN
BUTTONWEED PURSLANE, COMMON

TIMING AND METHOD OF APPLICATION

Treatments should be applied only to healthy guava trees. Care must be taken to prevent direct spray or drift from contacting green stems, fruit or foliage, as injury may result. Applications should be made only after new foliage has hardened off, or injury may result.

As a preemergence or postemergence treatment to weeds, apply in a minimum of 15 gallons of water per acre. Use higher volumes to assure adequate coverage in high densities of emerged weeds or heavy trash. GOAL 2XL herbicide should be directed to the soil and the base of the tree. Use of a low-pressure sprayer equipped with a breakaway boom and flat fan or off-center (OC) nozzles is recommended. An off-center nozzle positioned at the end of the boom may be desired. Spray shields are suggested for use in young trees.

TANK MIXES WITH GOAL 2XL 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 postemergence control of susceptible grassy and broadleaf weeds in guava plantings, a tank mixture of GOAL 2XL herbicide with either paraquat (Gramoxone) or glyphosate (Roundup) can be used. Apply at recommended rates and growth stages to susceptible weed species in a manner described on the respective labels.

WEEDS CONTROLLED POSTEMERGENCE

In addition to the weeds controlled by GOAL 2XL herbicide used alone, control of susceptible weeds listed on the respective labels for the following products is also obtained:

paraquat (Gramoxone) glyphosate (Roundup)

GUAVA—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 8 pints (2.0 lbs. active) per broadcast acre of GOAL 2XL herbicide in a single application or more than 16 pints (4.0 lbs active) per season.
- Do not apply GOAL 2XL herbicide within one day of harvest.
- Direct spray toward the base of the trees. Avoid direct plant contact.
- GOAL 2XL herbicide or any of the combinations recommended on this label should be applied to only healthy growing trees.
- GOAL 2XL applications should be made only after new foliage has hardened off.

HORSERADISH**GENERAL INFORMATION**

GOAL 2XL is a selective herbicide recommended for preemergence control of certain broadleaf weeds. Applications must be made after the horseradish roots have been planted and prior to plant emergence. (Emerging plants that receive direct or indirect [drift] spray contact will be injured.) It may be desirable to cultivate immediately prior to application to remove germinated weeds.

Do not use GOAL 2XL herbicide on horseradish plantings that are weak, or under stress due to temperature, disease, fertilizer, nematodes, insects, pesticides, drought or excessive moisture.

DOSAGE

Apply GOAL 2XL herbicide at a rate of 2 pints (0.5 lbs. active) per broadcast acre as a preemergence application to horseradish.

WEEDS CONTROLLED

GOAL 2XL herbicide will provide preemergence control of the following weeds when used at the recommended dosage:

LAMBSQUARTERS, COMMON	PURSLANE, COMMON	PENNSYLVANIA SHEPHERDSPURSE
PIGWEEED, REDROOT	SMARTWEED,	

TIMING AND METHOD OF APPLICATION

GOAL 2XL herbicide should be thoroughly mixed with clean water at recommended concentrations, and applied in a minimum of 20 gallons of water per acre. Use conventional ground spray equipment with flat fan nozzles at 20 to 40 psi. Accurately calibrate spray equipment prior to each use.

HORSERADISH—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 2 pints (0.5 lbs. active) of GOAL 2XL herbicide per broadcast acre as a single application.

JOJOBA**GENERAL INFORMATION**

GOAL 2XL is a selective herbicide for postemergence and preemergence control of certain broadleaf weeds in jojoba. GOAL 2XL herbicide should be post-directed to the base of the jojoba plant to avoid possible phytotoxicity to the jojoba foliage. Over-the-top applications may exhibit burning, crinkling or bronzing of jojoba foliage, particularly to the youngest leaves, flowers, or buds present at the time of application.

DOSAGE

GOAL 2XL herbicide is recommended for postemergence and preemergence control of susceptible seedling weeds (up to 12 inches in height) at 8 pints (2.0 lbs. active) per broadcast acre. For optimum residual control, apply during the fall or winter.

For early postemergence control of susceptible seedling weeds (less than 8 inches in height) apply GOAL 2XL herbicide at a rate of 4 pints (1.0 lb. active) per broadcast acre.

WEEDS CONTROLLED POSTEMERGENCE

FIDDLENECK, COAST	WHITESTEM	(MALVA, CHEESE- WEED)
**FILAREE, BROADLEAF	*GROUNDSEL, COMMON	MINERSLETTUCE
**FILAREE, REDSTEM	HENBIT	NETTLE, BURNING
**FILAREE,	MALLOW, LITTLE	*PIGWEEED, REDROOT

REDMAIDS	SHEPHERDSPURSE SOWTHISTLE,	ANNUAL
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WEEDS CONTROLLED PREEMERGENCE

BURCLOVER	HENBIT	PIGWEEED, REDROOT
FIDDLENECK, COAST	KNOTWEED, PROSTRATE	PURSLANE, COMMON
FILAREE, BROADLEAF	LAMBSQUARTERS, COMMON	REDMAIDS
FILAREE, REDSTEM	LETTUCE, PRICKLY	ROCKET, LONDON
FILAREE, WHITESTEM	MALLOW, LITTLE	SHEPHERDSPURSE
GROUNDSEL, COMMON	(MALVA, CHEESE- WEED)	SOWTHISTLE, ANNUAL

*Highest rate may be required for acceptable postemergence control.

**GOAL 2XL herbicide at the 8-pint rate (2.0 lbs. 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.

TIMING AND METHOD OF APPLICATION

Apply the first application of GOAL 2XL herbicide after jojoba plants have grown to a minimum 6-inch height or greater. Additional applications should be applied as needed for postemergence and preemergence weed control. Weed height should not exceed 12 inches or unsatisfactory weed control may result.

GOAL 2XL herbicide should be applied in a minimum spray volume of 40 gallons of water per acre depending upon density of emerged weeds. Spray volume should be increased as weed height and density increase. Use a low-pressure sprayer equipped with flat fan nozzles. Spray equipment should be calibrated carefully before each use.

JOJOBA—SPECIFIC USE RESTRICTIONS

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

- Avoid direct spray or drift contact of GOAL 2XL herbicide with jojoba flowers or buds as severe injury may result.
- Do not apply more than 8 pints (2.0 lbs. active) per broadcast acre in a single application.

MINT**SPEARMINT/PEPPERMINT****FOR USE ONLY IN CALIFORNIA, IDAHO, MONTANA, NEVADA, OREGON, SOUTH DAKOTA, UTAH AND WASHINGTON****GENERAL INFORMATION**

GOAL 2XL is a selective herbicide for the control of certain annual grasses and broadleaf weeds in spearmint and peppermint grown in California, Idaho, Montana, Nevada, Oregon, South Dakota, Utah 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 2XL 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 2XL herbicide is applied as a dormant application at recommended dosages in spearmint and peppermint, the following annual weeds are controlled:

BEDSTRAW, CATCHWEED	LETTUCE, PRICKLY (CHINA LETTUCE)	PEPPERWEED, YELLOWFLOWER
*BLUEGRASS, ANNUAL	MUSTARD, BLUE (PURPLE MUSTARD)	PIGWEEED, REDROOT
FLIXWEED	MUSTARD, TUMBLE (JIM HILL MUSTARD)	*RYEGRASS, ITALIAN
GROUNDSEL, COMMON	NIGHTSHADE, HAIRY	SHEPHERDSPURSE
LAMBSQUARTERS, COMMON	*OATS, WILD ORACH, RED	SOWTHISTLE, ANNUAL
		TANSYMUSTARD THISTLE, RUSSIAN

*Control of annual grasses is best obtained when GOAL 2XL 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 to 3 pints (0.5 to 0.75 lbs. active) of GOAL 2XL 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 2XL HERBICIDE IN THE WILLAMETTE VALLEY TO MINT THAT HAS BEEN PLOWED.**OREGON AND WASHINGTON (EAST OF CASCADES), CALIFORNIA, MONTANA, IDAHO, NEVADA, SOUTH DAKOTA AND UTAH****SPEARMINT AND PEPPERMINT**

Apply 4 to 8 pints (1 to 2 lbs. active) of GOAL 2XL 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 2XL 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.

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 2XL herbicide per season.
- Apply GOAL 2XL herbicide only to healthy spearmint and peppermint. Do not apply to spearmint or peppermint that has been weakened by disease, drought, flooding, excessive fertilizer, soil salts, previously applied pesticides, nematodes, soil insects, or winter injury, as severe injury may result.

ONIONS

GENERAL INFORMATION

GOAL 2XL 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 2XL 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 ONIONS

NORTHEASTERN STATES

CONNECTICUT, MAINE, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, RHODE ISLAND AND VERMONT

GOAL 2XL herbicide is recommended for postemergence control at 2 to 4 fluid ounces (0.03 to 0.06 lbs. active) per acre when applied postemergence to seeded onions that have *at least three (3) true leaves*. Multiple treatments at the aforementioned rate may be applied. Do not apply more than 2 pints (0.5 lbs. active) per broadcast acre of GOAL 2XL herbicide as a result of multiple applications in one season.

WESTERN STATES

ARIZONA, CALIFORNIA, COLORADO, IDAHO, NEVADA, NEW MEXICO, OREGON, TEXAS, UTAH AND WASHINGTON

GOAL 2XL herbicide is recommended for postemergence control at 0.5 to 1 pint (0.12 to 0.25 lbs. 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 pints (0.5 lbs. active) per broadcast acre of GOAL 2XL herbicide as a result of multiple applications in one season.

ALL OTHER STATES

GOAL 2XL herbicide is recommended for postemergence control at 0.5 pints (0.12 lbs. 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 pints (0.5 lbs. active) per broadcast acre of GOAL 2XL 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 pints (0.5 lbs. active) per acre within two days after transplanting may be made. If less than 2 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 pints (0.5 lbs. active) per broadcast acre of GOAL 2XL 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.

PRE-TRANSPLANT: (Not for use in Northeastern or Western states, except as specifically directed on other approved supplemental labeling.) GOAL 2XL herbicide is recommended for use as a pre-transplant application at 1 to 2 pints (0.25 to 0.5 lbs. 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 pints per acre is applied as a pre-transplant 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 pints (0.5 lbs. active) per broadcast acre of GOAL 2XL herbicide as a result of multiple applications in one season.

Dosages listed are for broadcast application. For banded application, the amount of GOAL 2XL herbicide used per acre should be reduced according to the following formula:

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

WEEDS CONTROLLED

GOAL 2XL herbicide will provide postemergence control of the following weeds when applied at the recommended dosage and leaf stage (2 to 4 leaves):

CANARYGRASS (ANNUAL)	(MALVA) NIGHTSHADE, BLACK	COMMON ROCKET, LONDON
^a EVENINGPRIMROSE, CUTLEAF	^b PIGWEEED, PROSTRATE	SAGE, LANCELEAF ^b SHEPHERDSPURSE
GROUNDSEL, COMMON	^{ab} PIGWEEED, REDROOT PUNCTUREVINE	SOWTHISTLE, ANNUAL
MALLOW, LITTLE	^{ab} PURSLANE,	

^aWeeds controlled when applied as a pre-transplant application. In addition, GOAL 2XL herbicide at the rate of 1 to 2 pints per acre will provide control/suppression of carpetweed, Pennsylvania smartweed, galinsoga, common lambsquarters, and wild mustard. Applications of GOAL 2XL herbicide to muck soils may result in partial control or suppression of the weeds listed.

^bSpecific weeds controlled at rates recommended for use in Northeastern states (see DOSAGE section).

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 2XL 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.

GOAL 2XL 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 2XL herbicide remaining in spray equipment may damage other crops.

ONIONS—SPECIFIC USE RESTRICTIONS

In addition to the following, also observe GENERAL USE RESTRICTIONS listed at the end of this 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 are not recommended.
- Do not apply more than a total of 2 pints (0.5 lbs. active) per acre of GOAL 2XL 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 2XL 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 2XL 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.

ONIONS GROWN FOR SEED

GENERAL INFORMATION

GOAL 2XL is a selective herbicide for postemergence application to onions grown for seed, for early postemergence control of certain annual broadleaf and grassy 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 2XL 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 2XL herbicide. Care should be taken to insure that the particular onion variety or line being grown is tolerant to GOAL 2XL herbicide. It is suggested that all onion varieties or lines be tested in limited areas to ensure an adequate level of crop tolerance prior to an application for postemergence weed control.

WEEDS CONTROLLED

GOAL 2XL herbicide will provide postemergence control of the following weeds when applied at the recommended dosage and leaf stage (2 to 4 leaves):

CANARYGRASS (ANNUAL)	(MALVA) NIGHTSHADE, BLACK	COMMON ROCKET, LONDON
[*] EVENINGPRIMROSE, CUTLEAF	[*] PIGWEEED, PROSTRATE	SAGE, LANCELEAF SHEPHERDSPURSE
GROUNDSEL, COMMON	[*] PIGWEEED, REDROOT PUNCTUREVINE	SOWTHISTLE, ANNUAL
MALLOW, LITTLE	[*] PURSLANE,	

^{*}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 AND VERMONT**

GOAL 2XL herbicide is recommended for postemergence control at a maximum use rate of 2 fluid ounces (0.03 lbs. 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 pints (0.5 lbs. active) per broadcast acre of GOAL 2XL herbicide as a result of multiple applications in one season.

ALL OTHER STATES

GOAL 2XL herbicide is recommended for postemergence control at a maximum use rate of 0.5 pints (0.125 lbs. 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 pints (0.5 lbs. active) per broadcast acre of GOAL 2XL 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 2XL 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. GOAL 2XL 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 2XL herbicide remaining in spray equipment may damage other crops.

DO NOT APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT. AVOID DRIFT TO ALL NON-TARGET AREAS. GOAL 2XL HERBICIDE IS PHYTO-TOXIC TO PLANT FOLIAGE.

ONIONS GROWN FOR SEED—SPECIFIC USE DIRECTIONS

In addition to the following, also observe GENERAL USE RESTRICTIONS listed at the end of this 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 pints (0.5 lbs. active) per acre of GOAL 2XL herbicide during one use season.
- Do not apply within 60 days of harvest.
- Do not mix GOAL 2XL 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.

PAPAYA**FOR USE ONLY IN HAWAII****GENERAL INFORMATION**

GOAL 2XL is a selective herbicide for use as a post-directed application for broadleaf weed control in papaya. Occasionally, after the use of GOAL 2XL herbicide, a spotting, crinkling or flecking may appear on the leaves of the papaya. Leaves or green stalks that receive direct or indirect (drift) spray contact will be injured.

Do not use GOAL 2XL herbicide on papaya plantings that are weak, or under stress due to temperature, disease, fertilizer, nematodes, insects, pesticides, drought or excessive moisture.

DOSAGE AND TIMING

Apply GOAL 2XL herbicide at a rate of 4 pints (1.0 lb. active) per broadcast acre as a directed spray to the orchard floor. The initial application should occur no earlier than 4 months after transplanting or 6 months after direct seeding, and after the papaya has reached a minimum height of 4 feet. Applications may be repeated at approximate 4-month intervals.

GOAL 2XL herbicide provides effective control of susceptible weed seedlings in the 4-leaf stage. Do not apply more than 4.0 pints (1.0 lb. active) of GOAL 2XL per broadcast acre in a single application, or more than 12.0 pints (3.0 lbs. active) per broadcast acre per year as a result of multiple applications.

WEEDS CONTROLLED

GOAL 2XL herbicide will provide preemergence and postemergence control of the following weeds when used at the recommended dosage. Application to weeds beyond the 4-leaf stage may result in partial control:

AMARANTH, SPINY PURSLANE, COMMON SPURGE, GARDEN

METHOD OF APPLICATION

GOAL 2XL herbicide should be thoroughly mixed with clean water at recommended concentrations, and applied in a minimum of 15 gallons of water per broadcast acre. Accurately calibrate spray equipment prior to each use.

Accurate, uniform placement of GOAL 2XL herbicide is essential for effective weed control and to minimize crop injury. GOAL 2XL must be applied as a directed spray to the orchard floor beneath the papaya plants. Do not allow the herbicide solution, spray, drift or mist to contact green bark, stems, fruit or foliage

as injury may result. GOAL 2XL herbicide must be applied using rigid precision ground sprayer equipment.

PAPAYA—SPECIFIC USE RESTRICTIONS

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

- Do not allow herbicide solution, spray, drift or mist to contact green bark, stems, fruit or foliage as injury may result.
- Do not apply more than 4.0 pints (1.0 lb. active) of GOAL 2XL herbicide per broadcast acre in a single directed spray or more than 12 pints (3.0 lbs. active) per broadcast acre per year as a result of multiple applications.
- Do not apply GOAL 2XL herbicide within one day of harvest.
- For use only in papaya grown in Hawaii.

TARO**FOR USE IN HAWAII ONLY****GENERAL INFORMATION**

GOAL 2XL is a selective herbicide for preemergence and post-direct application to dryland taro for the control of certain broadleaf weeds.

NOTE: Dryland taro is defined as taro grown without irrigation, or by using irrigation practices that do not result in runoff, irrigation return flow, or other loss of irrigation water from the production area. If irrigation is used, the water applied shall not exceed the field capacity of the soil.

Occasionally, after the use of GOAL 2XL herbicide, a spotting, crinkling or flecking may appear on the leaves of the taro. Leaves that receive direct or indirect (drift) spray contact will be injured.

Do not use GOAL 2XL herbicide on taro plantings that are weak, or under stress due to temperature, disease, fertilizer, nematodes, insects, pesticides, drought or excessive moisture.

DOSAGE

Apply GOAL 2XL herbicide at a rate of 2 pints (0.5 lbs. active) per broadcast acre as a single preemergence application within one week after transplanting (and prior to emergence) of the taro.

GOAL 2XL is also recommended as a post-direct application of 1 pint (0.25 lbs. active) per acre. Effective control of succulent weed seedlings in the 2- to 3-leaf stage can usually be obtained. Do not apply more than 1 pint (0.25 lbs. active) of GOAL 2XL per acre in a single post-direct application, or more than 2 pints (0.5 lbs. active) per broadcast acre per season as a result of multiple post-direct applications.

Dosages listed are for broadcast application. For banded application, the amount of GOAL 2XL herbicide used per acre should be reduced according to the following formula:

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

WEEDS CONTROLLED

GOAL 2XL herbicide will provide preemergence and postemergence control of the following weeds when used at the recommended dosage. Applications to weeds beyond the 3-leaf stage may result in partial control:

AMARANTH, SPINY PURSLANE, COMMON SPURGE, GARDEN

TIMING AND METHOD OF APPLICATION

GOAL 2XL herbicide should be thoroughly mixed with clean water at recommended concentrations, and applied in a minimum of 15 gallons of water per acre.

When applied preemergence, use conventional ground spray equipment with flat fan nozzles at 20 to 40 psi. Accurately calibrate spray equipment prior to each use.

When applied as a post-direct spray, sprays must be directed to the base of the taro plant. Accurate, uniform placement of GOAL 2XL herbicide is essential for effective weed control and to minimize crop injury. Taro foliage receiving accidental spray or drift will be injured. GOAL 2XL herbicide must be applied using rigid precision ground sprayer equipment. As a directed postemergence application, GOAL 2XL herbicide should be applied at 20 to 25 psi using 20 to 40 gallons of spray on a broadcast acre basis. Do not exceed 25 psi.

TARO—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 2 pints (0.5 lbs. active) of GOAL 2XL herbicide per broadcast acre as a single preemergence application.
- Do not apply more than 1 pint (0.25 lbs. active) of GOAL 2XL herbicide per broadcast acre in a single post-direct spray or more than 2 pints (0.5 lbs. active) per broadcast acre per season as a result of multiple post-direct applications.
- Do not apply more than 4 pints (1.0 lb. active) of GOAL 2XL herbicide per broadcast acre per season as a result of preemergence and post-direct applications.
- Do not apply GOAL 2XL herbicide within six (6) months of harvest of taro (corms, leaves).
- For use only to dryland taro grown in Hawaii. (Dryland taro is defined as taro grown without irrigation, or by using irrigation practices that do not result in run-off, irrigation return flow, or other loss of irrigation water from the

production area. If irrigation is used, the water applied shall not exceed the field capacity of the soil.)

TREEFRUIT/NUT/VINE**DORMANT APPLICATION**

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

GENERAL INFORMATION

GOAL 2XL 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 2XL herbicide is applied to seedling weeds. For postemergence control of certain grassy and broadleaf weeds, a tank mixture of GOAL 2XL 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 2XL 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 2XL HERBICIDE USED ALONE**GEOGRAPHIC USE DIRECTIONS****ARIZONA AND CALIFORNIA****DOSAGE**

GOAL 2XL herbicide is recommended for postemergence control at 2 to 8 pints (0.5 to 2.0 lbs. active) per broadcast acre. For preemergence control of susceptible weeds, use 5 to 8 pints (1.25 to 2.0 lbs. active) per broadcast acre.

WEEDS CONTROLLED POSTEMERGENCE (weeds up to 4 inches high)—Apply 2 to 8 pints (0.5 to 2.0 lbs. active) of GOAL 2XL herbicide per broadcast acre. Applications to weeds beyond this 4-inch stage may result in partial control.

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

*GOAL 2XL herbicide at the 8-pint rate (2.0 lbs. 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 5 to 8 pints (1.25 to 2.0 lbs. active) of GOAL 2XL herbicide per broadcast acre.

BURCLOVER	WHITESTEM	LETTUCE, PRICKLY
CHEESEWEED (MALVA)	GROUNDSEL, COMMON	PIGWEEED, REDROOT
FIDDLENECK, COAST	HENBIT	PURSLANE, COMMON
FILAREE, BROADLEAF	KNOTWEED, PROSTRATE	REDMAIDS ROCKET, LONDON
FILAREE, REDSTEM	LAMBSQUARTERS, COMMON	SHEPHERDSPURSE
FILAREE,		SOWTHISTLE, ANNUAL

ALL OTHER STATES (EXCEPT CALIFORNIA AND ARIZONA)**DOSAGE**

GOAL 2XL herbicide is recommended for postemergence control at 2 to 8 pints (0.5 to 2.0 lbs. active) per broadcast acre. For preemergence control of susceptible weeds, use 5 to 8 pints (1.25 to 2.0 lbs. active) per broadcast acre.

WEEDS CONTROLLED POSTEMERGENCE—Apply 2 to 8 pints (0.5 to 2.0 lbs. active) of GOAL 2XL 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 lbs. 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	JIMSONWEED	POINSETTIA, WILD
COCKLEBUR, COMMON	LAMBSQUARTERS, COMMON	PURSLANE, COMMON
*CUDWEED, NARROWLEAF	MORNINGGLORY, ANNUAL	SESBANIA, HEMP
**EVENINGPRIM- ROSE, CUTLEAF	NIGHTSHADE, AMERICAN BLACK	SHEPHERDSPURSE
GROUNDCHERRY, CUTLEAF	NIGHTSHADE, BLACK	SIDA, PRICKLY (TEAWEED)
GROUNDCHERRY, WRIGHT	PEPPERWEED, VIRGINIA	SMARTWEED, PENNSYLVANIA
	PIGWEEED, REDROOT	SOWTHISTLE, ANNUAL
		VELVETLEAF

*Maximum 0.5-inch diameter.

**Highest rate and/or multiple applications may be required for acceptable control. Do not apply more than 8 pints (2.0 lbs. active) per broadcast acre of GOAL 2XL herbicide in one season.

WEEDS CONTROLLED PREEMERGENCE—Apply 5 to 8 pints (1.25 to 2.0 lbs. active) of GOAL 2XL herbicide per broadcast acre.

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

*Highest rate and/or multiple applications may be required for acceptable control. Do not apply more than 8 pints (2.0 lbs. active) per broadcast acre of GOAL 2XL herbicide in one season.

ALL STATES**TIMING AND METHOD OF APPLICATION**

In Arizona and California, GOAL 2XL herbicide 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 2XL herbicide after buds start to swell until completion of final harvest. Do not apply when fruit/nuts are present. GOAL 2XL 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 ensure 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 2XL 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 2XL herbicide application on dormant 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 4-inch or 4-leaf stage	100 or more

TANK MIXES WITH GOAL 2XL 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 2XL herbicide 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 2XL herbicide or combinations of GOAL 2XL 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 2XL 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 this label.

- Do not apply GOAL 2XL herbicide during the period between bud swell and completion of final harvest or when fruit/nuts are present. GOAL 2XL herbicide can be applied upon completion of final harvest.
- IN ARIZONA AND CALIFORNIA, GOAL 2XL HERBICIDE 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 8 pints (2.0 lbs. active) per broadcast acre of GOAL 2XL 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 2XL 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.

SPECIFIC USE RESTRICTIONS FOR INDIVIDUAL CROPS ARE FOUND UNDER DIRECTIONS FOR USE IN EACH CROP GROUP SECTION. USE RESTRICTIONS THAT APPLY TO ALL REGISTERED APPLICATIONS ARE LISTED BELOW:

GENERAL USE RESTRICTIONS

- 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 contaminate irrigation water or water used for domestic purposes.
- Do not use any plants treated with GOAL 2XL herbicide for feed or forage.
- Do not feed or allow animals to graze on any areas treated with GOAL 2XL herbicide.
- GOAL 2XL herbicide should be applied only by ground application equipment except as specifically directed on this label or on other approved Rohm and Haas Company Supplemental Labeling.
- Do not apply when weather conditions favor drift. Avoid drift to all non-target areas. GOAL 2XL herbicide is phytotoxic to plant foliage.
- Thoroughly flush spray equipment (tank, pump, hoses and boom) with clean water before and after each use. Residual GOAL 2XL herbicide remaining in spray equipment may damage other crops. To assist removal of GOAL 2XL herbicide residues in spray equipment, LATRON AG-98 or LATRON CS-7® may be added at the rate of 1 quart per 100 gallons of water during flushing.
- Use GOAL 2XL herbicide only for recommended purposes and at recommended rates.
- Do not treat ditch banks or waterways with GOAL 2XL herbicide.
- **CHEMIGATION: Do not apply this product through any type of irrigation system.**

ROTATION CROP RESTRICTIONS

Do not rotate to small-grain crops (includes barley, buckwheat, corn, pearl millet, proso millet, oats, popcorn, rice, rye, sorghum, triticale, wheat, wild rice) within 10 months following a GOAL treatment.

Do not direct seed any crops, other than GOAL-labeled crops, within 60 days following a GOAL treatment.

Do not transplant seedling crops, other than GOAL-labeled crops, within 30 days following a GOAL treatment. **IMPORTANT: TREATED SOIL MUST BE THOROUGHLY INCORPORATED TO A DEPTH OF 4 INCHES AFTER HARVEST (OR ABANDONING) OF THE TREATED CROP BUT PRIOR TO PLANTING OF THE ROTATIONAL CROP. FAILURE TO ACHIEVE THIS THOROUGH AND COMPLETE INCORPORATION OR TO FOLLOW THE REQUIRED MINIMUM PLANT-BACK INTERVAL MAY RESULT IN CROP INJURY, STAND REDUCTION AND/OR VIGOR REDUCTION OF THE PLANT-BACK CROP.** See specific fallow bed labeling regarding crop planting information for applications of GOAL 2XL made to a fallow bed or fallow field.

WEEDS LISTED

AGERATUM	<i>Ageratum conyzoides</i>
AMARANTH, SPINY	<i>Amaranthus spinosus</i>
BALSAMAPPLE	<i>Momordica charantia</i>
BARNYARDGRASS (WATERGRASS)	<i>Echinochloa crus-galli</i>
BEDSTRAW, CATCHWEED	<i>Galium aparine</i>
BITTERCRESS, LESSER	<i>Cardamine oligosperma</i>
BLUEGRASS, ANNUAL	<i>Poa annua</i>
BUCKWHEAT, WILD	<i>Polygonum convolvulus</i>
BURCLOVER	<i>Medicago hispida</i>
BUTTERCUP, SMALLFLOWER	<i>Ranunculus abortivus</i>
BUTTONWEED	<i>Borreria laevis</i>
CAMPORWEED	<i>Heterotheca subaxillaris</i>
CANARYGRASS (ANNUAL)	<i>Phalaris canariensis</i>
CARPETWEED	<i>Mollugo verticillata</i>
CHEESEWEED (MALVA)	<i>Malva parviflora</i>
CLOVER, RED	<i>Trifolium pratense</i>
CLOVER, WHITE	<i>Trifolium repens</i>
COCKLEBUR, COMMON	<i>Xanthium pensylvanicum</i>
CRABGRASS, LARGE (HAIRY)	<i>Digitaria sanguinalis</i>
CROTALARIA	<i>Crotalaria species</i>
CROTON, TROPIC	<i>Croton glandulosus</i>
CUDWEED, NARROWLEAF	<i>Gnaphalium falcatum</i>
EVENINGPRIMROSE, CUTLEAF	<i>Oenothera laciniata</i>
FIDDLENECK, COAST	<i>Amsinckia intermedia</i>
FILAREE, BROADLEAF	<i>Erodium botrys</i>
FILAREE, REDSTEM	<i>Erodium cicutarium</i>
FILAREE, WHITESTEM	<i>Erodium moschatum</i>
FIREWEED (FROM SEED)	<i>Epilobium angustifolium</i>

FLIXWEED	<i>Descurainia sophia</i>
FOXTAIL, GIANT	<i>Setaria faberi</i>
GERANIUM, CAROLINA	<i>Geranium carolinianum</i>
GOOSEGRASS	<i>Eleusine indica</i>
GROUNDCHERRY, CUTLEAF	<i>Physalis angulata</i>
GROUNDCHERRY, WRIGHT	<i>Physalis wrightii</i>
GROUNDSEL, COMMON	<i>Senecio vulgaris</i>
HENBIT	<i>Lamium amplexicaule</i>
HORSEWEED (MARESTAIL)	<i>Conyza canadensis</i>
JIMSONWEED	<i>Datura stramonium</i>
KNOTWEED, PROSTRATE	<i>Polygonum aviculare</i>
LADYSTHUMB (SMARTWEED)	<i>Polygonum persicaria</i>
LAMBSQUARTERS, COMMON	<i>Chenopodium album</i>
LETTUCE, PRICKLY (CHINA LETTUCE)	<i>Lactuca serriola</i>
MALLOW, LITTLE (MALVA)	<i>Malva parviflora</i>
MAYWEED (DOG FENNEL)	<i>Anthemis cotula</i>
MINERSLETTUCE	<i>Montia perfoliata</i>
MORNINGGLORY SPECIES, ANNUAL	<i>Ipomoea species</i>
MORNINGGLORY, IVYLEAF	<i>Ipomoea hederacea</i>
MORNINGGLORY, TALL	<i>Ipomoea purpurea</i>
MUSTARD, BLACK	<i>Brassica nigra</i>
MUSTARD, BLUE (PURPLE MUSTARD)	<i>Chorispora tenella</i>
MUSTARD, COMMON YELLOW	<i>Brassica campestris</i>
MUSTARD, HEDGE	<i>Sisymbrium officinale</i>
MUSTARD, TUMBLE (JIM HILL MUSTARD)	<i>Sisymbrium altissimum</i>
MUSTARD, WILD	<i>Brassica kaber</i>
NETTLE, BURNING	<i>Urtica urens</i>
NIGHTSHADE, AMERICAN BLACK	<i>Solanum nodiflorum</i>
NIGHTSHADE, BLACK	<i>Solanum nigrum</i>
NIGHTSHADE, HAIRY	<i>Solanum sarachoides</i>
OATS, WILD	<i>Avena fatua</i>
ORACH, RED	<i>Atriplex rosea</i>
OXALIS (BERMUDA BUTTERCUP)	<i>Oxalis pes-caprae</i>
PEPPERWEED, VIRGINIA	<i>Lepidium virginicum</i>
PEPPERWEED, YELLOWFLOWER	<i>Lepidium perfoliatum</i>
PIGWEEED, PROSTRATE	<i>Amaranthus blitoides</i>
PIGWEEED, REDROOT	<i>Amaranthus retroflexus</i>
PIMPERNEL, SCARLET	<i>Anagallis arvensis</i>
POINSETTIA, WILD	<i>Euphorbia heterophylla</i>
PUNCTUREVINE	<i>Tribulus terrestris</i>
PURSLANE, COMMON	<i>Portulaca oleracea</i>
PUSLEY, FLORIDA	<i>Richardia scabra</i>
REDMAIDS	<i>Calandrinia caulescens</i>
ROCKET, LONDON	<i>Sisymbrium irio</i>
RYEGRASS, ITALIAN	<i>Lolium multiflorum</i>
SAGE, LANCELEAF	<i>Salvia reflexa</i>
SANDSPURRY, RED	<i>Spergularia rubra</i>
SESBANIA, HEMP	<i>Sesbania exaltata</i>
SHEPHERDSPURSE	<i>Capsella bursa-pastoris</i>
SICKLEPOD	<i>Cassia obtusifolia</i>
SIDA, PRICKLY (TEAWEED)	<i>Sida spinosa</i>
SMARTWEED, PENNSYLVANIA	<i>Polygonum pensylvanicum</i>
SORREL, RED (FROM SEED)	<i>Rumex acetosella</i>
SOWTHISTLE, ANNUAL	<i>Sonchus oleraceus</i>
SPEEDWELL, BIRDSEYE	<i>Veronica persica</i>
SPURGE, GARDEN	<i>Euphorbia hirta</i>
SPURGE, PROSTRATE	<i>Euphorbia supina</i>
SPURGE, SPOTTED	<i>Euphorbia maculata</i>
SPURRY, CORN	<i>Spergula arvensis</i>
TANSYMUSTARD	<i>Descurainia pinnata</i>
THISTLE, BULL	<i>Cirsium vulgare</i>
THISTLE, RUSSIAN	<i>Salsola kali</i>
VELVETLEAF	<i>Abutilon theophrasti</i>
WITCHGRASS	<i>Panicum capillare</i>
WITCHWEED	<i>Striga asiatica</i>
WOODSORREL, COMMON YELLOW	<i>Oxalis stricta</i>

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Keep from freezing. Store above 32°F.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

Plastic Containers: Triple rinse (or equivalent). Puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Metal Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Ventilate area. Avoid breathing vapors. Use MSHA/NIOSH self-

contained breathing apparatus or airline respirator for large spills in confined areas. Dike the spill with inert material (sand, earth, etc.) and transfer the liquid or solid diking material to separate containers for recovery or disposal. Remove contaminated clothing promptly and wash exposed skin areas with soap and water. Wash clothing before reuse. Keep spill out of all sewers and bodies of water.

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