

15682-B3



**USE DIRECTIONS FOR:**

- ARTICHOKE (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 ..... 23%\*

**INERT INGREDIENTS** ..... 77%

**TOTAL** 100%

\*Equivalent to 2 lbs. active ingredient per gallon.  
Contains petroleum distillates.

**EPA Reg. No. 707-243**

**SHAKE WELL BEFORE USING**



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

\*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

*Pseudotsuga menziesii*

#### FR

FRASER  
GRAND  
NOBLE

*Abies fraseri*  
*Abies grandis*  
*Abies procera*

#### HEMLOCK

EASTERN HEMLOCK

*Tsuga canadensis*

#### PINE

AUSTRIAN  
EASTERN WHITE  
HIMALAYAN  
JACK  
LOBLOLLY  
LODGEPOLE  
LONGLAUF  
MONTEREY  
MUGHO  
PONDEROSA  
SCOTCH  
SHORTLEAF  
SLASH  
VIRGINIA

*Pinus nigra*  
*Pinus strobus*  
*Pinus wallichiana*  
*Pinus banksiana*  
*Pinus taeda*  
*Pinus contorta*  
*Pinus palustris*  
*Pinus radiata*  
*Pinus mugo*  
*Pinus ponderosa*  
*Pinus sylvestris*  
*Pinus echinata*  
*Pinus elliotii*  
*Pinus virginiana*

#### SPRUCE

BLUE  
DWARF ALBERTA  
NORWAY  
SITKA

*Picea pungens*  
*Picea glauca conica*  
*Picea abies*  
*Picea sitchensis*

### PREEMERGENCE DOSAGE

Apply 1 to 4 pints (0.25 lbs. 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 lbs. to 0.5 lbs. 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.