

## **PRICKLY PEAR - WOODY PLANTS OR CACTUS**

### General Information

#### INFORMATION

This product contains a mixture of two herbicide active ingredients, picloram and fluroxypyr. Use this product to control woody plants and annual and perennial broadleaf weeds in rangeland and permanent grass pastures, conservation reserve program (CRP) acres, and non-cropland areas including fencerows, non-irrigation ditchbanks, roadsides, and around farm buildings. Apply this product as a foliar spray or to individual plants. Application of this product will kill emerged plants and will provide residual soil activity to susceptible plants that emerge after application. The target plant species and use rate of this product will determine the length of residual soil control.

#### USE RESTRICTIONS AND PRECAUTIONS

##### RESTRICTIONS

Maximum Application Rate Per Annual Growing Season: 2 quarts per acre of this product (0.5 lb AI fluroxypyr + 0.5 lb AI picloram).

Do not mix or apply this product with dry fertilizer.

Do not apply this product to areas that are sub-irrigated by a shallow water table.

Do not apply directly to the banks of ditches used for irrigation or domestic purposes. Do not apply directly to water (see Environmental Hazards section).

##### PRECAUTIONS - GRASS, FORAGE AND TREE TOLERANCE

###### Established Grasses

These plants are tolerant to this product.

- Unless injury or loss of bentgrass or limpo grass (*Hemarthria*) is acceptable, do not apply this product to these grasses.

- Unless injury or loss of alfalfa or other desirable forbs (especially legumes such as

clover) is acceptable do not apply this product. For successful seeding of some legumes, delay seeding until 12 months after application.

- Unless injury or loss of desirable woody species is acceptable, do not apply this product near areas where roots of desirable trees are found. Woody species that are susceptible to this product may be injured from root uptake of the herbicide from surface soils or by excretion of the herbicide from the roots of nearby treated trees.

### Grass Reseeding

Wait for at least 3 weeks after application of this product to reseed treated areas. If this product is to be applied after reseeding, avoid grass injury by delaying the application until grass seedlings are well established. Grasses are considered well established by the time 4 true leaves have emerged, a secondary root system is developed and the grasses are rapidly growing.

Sprigged Bermudagrass: Delay application of this product until runners (stolons) are at least 6 inches in length. Apply only during favorable growing conditions.

### Grass Grown for Seed

Do not apply this product on grasses grown for seed production from early boot to milk stage.

## PRECAUTIONS AND RESRICTIONS - MULCH, MANURE AND SOIL

### Livestock

Before moving livestock from treated areas onto broadleaf crop areas, allow livestock to graze on untreated pastures for at least 7 days. This grazing on untreated areas prevents injury to the broadleaf plants from exposure to picloram residues from livestock urine or manure.

### Soil

Treated soil must not be moved or used to grow other plants until a bioassay or chemical analysis shows no soil residues of picloram.

### Composting and Mulching

To prevent injury to desirable susceptible broadleaf plants, do not use grass or hay from treated areas for composting or mulching these desirable plants. Similarly, do

not use manure from livestock fed treated forage or hay for composting or mulching desirable broadleaf plants.

## Limitations, Restrictions, and Exceptions

### Individual Woody Plant Treatment Methods

Add 1 to 2 quarts of non-ionic surfactant to the spray solution. Use high volume foliar sprays using ground application. The use of high volume foliar applications is not recommended when brush is over 8 feet tall.

### Directions for Control Using Individual Plant Treatment Methods

General Information for Woody Plant Control: Best results are obtained from applications made in late spring (after leaves are fully expanded and terminal growth has slowed) through early fall. Rapid defoliation may occur if this product is applied to immature foliage when the plant is rapidly growing; in this case, control of woody plants and translocation of the herbicide may be reduced. For optimum control, apply this product when conditions are favorable for active growth. These conditions include moist soils prior to and after application, plants that have healthy foliage at application (especially if undamaged from insects or storms), and days when the maximum air temperature exceeds 50°C for at least 3 days in a row. Do not apply during cold weather.

To use this product to control brush regrowth, wait until regrowth is at least 4 feet tall before making an application. This timing ensures an adequate amount of foliage available for herbicide absorption. Follow the instructions in the paragraph above, "General Information for Woody Plant Control".

Use a backpack or power sprayer to apply this product. Be sure to apply a sufficient amount of spray solution so that the plant is uniformly covered. Avoid forming mists or spraying to run-off. Do not spray higher than the tops of target woody plants. Best results are obtained when sufficient spray volumes are used to uniformly wet all leaves, stems, and root collars (pad surfaces and stems in the case of prickly pear or other cactus). Add a drift control additive approved for growing crops to minimize spray drift. To mark treated plants, add a dye marker to the spray mixture.

### Directions for Control of Specific Woody Plants or Cactus

## Prickly pear

Best results are observed from fall applications although applications may be made at any time of the year. Use rates of 0.34% to 0.67% (v/v) of this product in water using equipment designed to provide a coarse droplet size (use an adjustable cone nozzle). Do not apply if plants are wet. Expect effects on prickly pear to take time to appear and to die back slowly (as long as to 2 to 3 years). Speed of control and improved control may result from mechanical injury that punctures the surface of prickly pear pads or stems immediately prior to application.

### Maximum Use Rate for High Volume Sprays in Individual Plant Treatment

Do not apply more than 2 pints of this product per acre per year. This rate corresponds to 37 gallons of total spray mixture per acre at the 0.67 gallon Trooper Pro Herbicide per 100 gallons rate or to 18.5 gallons of total spray mixture at the 1.34 gallons Trooper Pro Herbicide per 100 gallons rate. Refer to the table in the label for amounts of this product to use in high volume sprays.

### Method

[Foliar spray](#)

### Rates

[field rates 0](#)

- 

### Restricted Entry Interval

12 hours

### Timings

[Fall applications.](#)