

## **OSAGE-ORANGE - WOODY PLANTS**

### 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

### Control of Woody Plants

Note: Eastern Red cedar is not controlled if the plants exceed 3 feet in height.

### Broadcast Applications to Woody Plants

General Woody Plant Control: Time the application to occur after leaves are fully expanded and terminal growth has slowed. 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 mowed brush, wait for regrowth to occur (typically between 9 to 12 months after mowing) before applying this product. If brush is located in areas that receive little to no rainfall which limits substantial regrowth, wait 12 months after mowing before applying this product. Emerged broadleaf plants will be controlled by application of this product. Emerged seedlings may also be suppressed or controlled. For optimum control, apply product when conditions are favorable for active growth. These conditions include moist soils prior to and after application and plants that have healthy foliage at application.

For ground applications, apply this product at rates listed (2 to 4 pints per acre, unless otherwise specified) in a minimum of 10 gallons per acre.

For aerial applications, apply this product at the listed rates in a minimum of 5 gallons of water per acre. To ensure a thorough foliar coverage of plants especially if brush canopy is dense, use higher spray volumes. When this product is applied with other products, follow the use directions, precautions and limitations on the respective labels (refer to the sections under "Tank Mixes" under "Mixing Directions"). Depending on the species and target plant size at time of application, apply this product to smaller brush (6 feet or shorter) at 2 to 2.68 pints per acre and to larger brush and mixed brush canopies at 2.68 to 4 pints per acre.

### Directions for Control of Specific Woody Plants

Use Rates: 2 to 2 .68 pints Trooper Pro Herbicide per Acre (may apply at up to 4 pints per acre for large and/or dense brush)

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Rates

[field\\_rates 0](#)

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Restricted Entry Interval

12 hours

Timings

[From late spring applications to mature foliage.](#)