

# **INDIVIDUAL PLANT TREATMENT - STREAMLINE BASAL BARK TREATMENT**

## General Information

### PRODUCT INFORMATION

TRICLOPYR 4E will control unwanted woody plants and annual and perennial broadleaf weeds in forests, and on non-crop areas including industrial manufacturing and storage sites, rights-of-way such as electrical power lines, communication lines, pipelines, roadsides and railroads, fence rows, non-irrigation ditch banks, and around farm buildings, rangelands, permanent grass pastures, and conservation reserve program (CRP) acres (including fence rows and non-irrigation ditch banks within these areas). These sites may include grazed areas as well as establishment and maintenance of wildlife openings.

TRICLOPYR 4E is an oil-soluble, emulsifiable liquid product containing the herbicide triclopyr. TRICLOPYR 4E may be applied to woody or herbaceous broadleaf plants as a foliar spray or as a basal bark or to cut stump application to woody plants. As a foliar spray TRICLOPYR 4E will control only herbaceous plants that have emerged from the soil or woody plants that are in full leaf at the time of application.

Small amounts of TRICLOPYR 4E can kill or injure many broadleaf plants. To prevent damage to crops and other desirable plants, follow all directions and precautions.

### USE PRECAUTIONS AND RESTRICTIONS

- The state of Arizona has not approved TRICLOPYR 4E for use on plants grown for commercial production; specifically, forests grown for commercial timber production, or on designated grazing areas.
- When applying this product in tank mix combination, follow all applicable use directions and precautions on each manufacturer's label.
- Do not apply on ditches used to transport irrigation water. Do not apply where runoff or irrigation water may flow onto agricultural land as injury to crops may result.

- Do not apply this product using mist blowers unless a drift control additive, high viscosity inverting system, or equivalent is used to control spray drift.
- Sprays applied directly to Christmas trees may result in conifer injury. When treating unwanted vegetation in Christmas tree plantations, care must be taken to direct sprays away from conifers.
- Do not apply TRICLOPYR 4E directly to, or otherwise permit it to come into direct contact with grapes, tobacco, vegetable crops, flowers, or other desirable broadleaf plants and do not permit spray mists containing it to drift onto them.
- It is permissible to treat non-irrigation ditch banks, seasonally dry wetlands, flood plains, deltas, marshes, swamps, bogs, and transitional areas between upland and lowland sites. Do not apply to open water such as lakes, reservoirs, rivers, streams, creeks, saltwater bays, or estuaries.
- Many forbs (herbaceous broadleaves) are susceptible to TRICLOPYR 4E. Do not spray pastures containing desirable forbs, especially legumes such as clover, unless injury or loss of such plants can be tolerated. However, the stand and growth of established grasses usually is improved after spraying, especially when rainfall is adequate and grazing is deferred,
- Established grasses are tolerant to this product, but newly seeded grasses may be injured until well established as indicated by tillering, development of a secondary root system and vigorous growth. Do not reseed treated areas for a minimum of three weeks after treatment.
- Do not apply directly to irrigation ditches or water used for irrigation or domestic purposes.
- Do not apply directly to water.

#### Maximum Application Rates:

- Do not apply more than 2 lbs. acid equivalent per acre per year to sites that may be grazed (equivalent to 2 quarts of formulated product) to sites that may be grazed or harvested for hay.
- Do not apply more than 6 lbs. acid equivalent per acre per year (equivalent to 6

quarts of formulated product) to forestry sites.

- Do not apply more than 8 lbs. acid equivalent per acre per year (equivalent to 8 quarts of formulated product) to all other use sites listed on the label.

#### GRAZING AND HAYING RESTRICTIONS

- Do not allow lactating dairy animals to graze treated areas until the next growing season following application of this product.

- Do not harvest hay for 14 days after application.

#### Slaughter Restrictions:

Withdraw livestock from grazing treated grass or consumption of treated hay at least 3 days before slaughter. This restriction applies to grazing during the season following treatment or hay harvested during the season following treatment.

Refer in the label regarding tank mix information.

#### Limitations, Restrictions, and Exceptions

#### INDIVIDUAL PLANT TREATMENT (NON-FOLIAR APPLICATIONS)

##### Streamline Basal Bark Treatment

To control or suppress susceptible woody plants such as mesquite, huisache, red maple, white and red oak, elbowbush, greenbriar, hackberry, pricklyash, yaupon and wild grape, mix 25 to 30 gallons of TRICLOPYR 4E with 10% penetrant such as Cidekick in enough oil to make 100 gallons of spray mixture. Streamline basal bark treatments are most effective on stems less than 4 inches in basal diameter. Apply with a backpack or knapsack sprayer using equipment which provides a directed straight stream spray. Apply the spray in a 2 to 3 inch wide band to one side of stems less than 3 inches in basal diameter. Direct the spray to a point approximately 12 to 24 inches above the ground. Treat both sides of stems which are 3 or more inches in basal diameter. Better control is achieved when spray is applied to thin juvenile bark and above rough thickened mature bark. Vary herbicide concentration with size and susceptibility of the brush being treated. Apply at any time, including winter months, except when snow or water prevents spraying to the desired height above the ground level.

Note: Best results with some hardwood species occur when applications are made from approximately 6 weeks prior to leaf expansion in the spring until approximately 2 months after leaf expansion is completed.

#### Treatment of Cut Stumps in California

To control resprouting, apply undiluted TRICLOPYR 4E to wet the area adjacent to the cambium and bark around the entire circumference of freshly cut stumps.

Treatments may be applied throughout the year; however, control may be reduced with treatment during periods of moisture stress as in late summer. Cut stumps so that they are approximately level to facilitate uniform TRICLOPYR 4E coverage. Use an applicator which can be calibrated to deliver the small amounts of material required.

#### Cut Stump Treatment

To control resprouting of freshly cut stumps of susceptible species, mix 20 to 30 gallons of TRICLOPYR 4E in enough oil to make 100 gallons of spray mixture. Apply with a backpack or knapsack sprayer using low pressures and a solid cone or flat fan nozzle. Spray the sides of the stump and the outer portion of the cut surface, including the cambium in a manner which thoroughly wets the stem and root collar area, but not to the point of runoff. Spray mixture concentration should vary with the size and susceptibility of species treated. Apply at any time, including in winter

months, except when snow or water prevent spraying to the ground line.

Method

[Cut Stump](#)

[Spray](#)

Rates

[field rates 0](#)

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Restricted Entry Interval

12 hours

Timings

[Postemergence \(Weed\)](#)