



# TRIFLURALIN

## EMULSIFIABLE CONCENTRATE

### A HERBICIDE FOR PROFESSIONAL USE IN ORNAMENTALS

#### A SELECTIVE, PRE-EMERGENCE HERBICIDE FOR THE CONTROL OF ANNUAL GRASSES AND BROADLEAF WEEDS IN:

- NURSERY STOCK
  - ORNAMENTAL TREES
  - ORNAMENTAL WOODY SHRUBS
  - GLADIOLI
  - ESTABLISHED FLOWERS
- (See Attached List for Species)

#### ACTIVE INGREDIENT:

\* trifluralin (o,a,a-trifluoro-2,  
6-dinitro-N, N-dipropyl-p-toluidine)

% By Weight

44.5%

#### INERT INGREDIENTS

55.5%

100.0%

Contains 4 pounds active ingredient per gallon

**CAUTION: KEEP OUT OF REACH OF CHILDREN**

SEE BACK OF CONTAINER FOR  
ADDITIONAL CAUTION STATEMENTS

NET CONTENTS \_\_\_\_\_

### READ ALL LABEL DIRECTIONS CAREFULLY BEFORE APPLYING.

#### WEED CONTROLLED

##### X Annual Grasses

- Crabgrass
- Barnyard grass (watergrass)
- Foxtails  
(including giant foxtail)
- Johnsongrass (from seed)
- Goosegrass
- Wild Cane (shattercane)
- Texas panicum

- Stinkgrass
- Bromegrass
- Brachiaria
- Sandbur
- Jungle rice
- Annual bluegrass
- Sprangletop
- Cheat

##### Annual Broadleaf Weeds

- Pigweeds (spiny), Rutroot!
- Carelessweed
- Lambsquarters
- Carpenterweed
- Russian thistle
- Kochia
- Purslane
- Florida purslane
- Knotweed
- Stinging Nettle
- Goosefoot
- Chickweed

Note TRIFLURALIN will not control certain resistant weeds such as Cocklebur, Velvetleaf, Jimsonweed, Ragweed, Venice Mallow and Nutgrass

#### GENERAL DIRECTIONS

TRIFLURALIN is a pre-emergence herbicide which is incorporated (mixed) into the soil to provide long lasting control of annual grasses and broadleaf weeds (see above list). TRIFLURALIN controls weeds by killing their seeds as they germinate. It does not control established weeds.

Incorporation of TRIFLURALIN helps assure effective weed control regardless of weather conditions and permits shallow cultivation, rotary hoeing and hand hoeing without reducing its weed control activity.

TRIFLURALIN is recommended for use on a wide variety of ornamental trees, shrubs, and flowers. The ornamental species on which TRIFLURALIN can be used at the recommended rates without damage include those listed on the side panels.

#### APPLICATION DIRECTIONS

TRIFLURALIN emulsifiable concentrate is to be mixed with water and applied as a spray immediately before, or in the same operation as soil incorporation. Apply in 10 to 40 gallons of water per acre, (broadcast basis) using any properly calibrated low-pressure boom-type herbicide sprayer that will uniformly apply the spray. Pour the recommended amount of TRIFLURALIN for your soil type into the spray tank during the filling operation and mix thoroughly before spraying. Do not overapply.

#### INCORPORATION DIRECTIONS

TRIFLURALIN must be incorporated into the soil immediately after application to prevent loss of its activity. Spraying and incorporation should be done in the same operation, if possible. The machinery used should break up large clods and mix TRIFLURALIN thoroughly with the soil. The more thoroughly the TRIFLURALIN is mixed with the soil, the more consistent the weed control will be.

Incorporation before planting (pre-plant): Thorough incorporation may be achieved with the following: P.T.O.-driven equipment (tillers, cultivators, hoes) set to cut 2 to 3 inches deep; double disc (or double disc with spiketooth harrow in tandem) set to cut 3 to 6 inches deep and operated in two different directions (cross disced) at 4 to 6 mph; rolling cultivators set to cut 2 to 4 inches deep and operated at 6 to 8 mph; or a bed conditioner (Do-All) set to cut 2 to 4 inches deep and operated at 4 to 6 mph.

Incorporation after planting (post-plant): Incorporation may be achieved around established plants by using P.T.O.-driven equipment (tillers, cultivators, hoes) set to cut 2 to 3 inches deep; or rolling cultivators set to cut 2 to 4 inches deep and operated at 6 to 8 mph. When incorporating TRIFLURALIN in transplants, new liners or established plants, the implement should be adjusted so that treated soil is thrown toward and around the plants in the row.

Clean cultivate area to be treated before application since TRIFLURALIN will not control established weeds.

Shallow incorporation with implements set to cut less than 2 inches deep may result in erratic weed control. Do not use spike- or spring-tooth harrows alone for incorporation.

#### APPLICATION RATES

Apply and incorporate TRIFLURALIN prior to the planting of new nursery stock liners, ornamentals, trees and woody shrubs, and gladioli. (Gladioli corms less than 1 inch in diameter may be injured by pre-plant applications of TRIFLURALIN) TRIFLURALIN may also be applied to established plantings by using a directed spray to the soil between rows and beneath the plants.

##### Broadcast (overall) Application Rates:

Light Soils	Medium Soils	Heavy Soils
1 pint/acre (1/2 pound active)	1 1/2 pints/acre (1 1/4 pound active)	2 pints/acre (1 pound active)

For band applications, use the following formula to figure the proportionate amount:

$$\frac{\text{band width in inches}}{\text{row width in inches}} \times \text{recommended broadcast rate} = \text{amount to apply per acre on band}$$

TRIFLURALIN is not recommended on muck soils.

**CAUTION:** Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, or clothing. In case of contact, flush with water. Do not contaminate foodstuffs or feeds.

Do not contaminate any body of water by direct application, cleaning of equipment or disposal of wastes. Do not graze livestock on treated areas.

Do not use, pour, spill or store near heat or open flame.

DO NOT ALLOW TO FREEZE. STORE ABOVE 40°F.

The manufacturer makes no warranties, express or implied, concerning this product or its use, which extend beyond the description on the label. All statements made concerning this product apply only when used as directed.

Destroy container when empty. Do not reuse.

Manufactured for

## AMVAC CHEMICAL CORP.

4100 E. WASHINGTON BLVD.

LOS ANGELES, CALIFORNIA 90023

EPA Reg. No. 5481-172-AA  
EPA Est. 5481-CA-1

**TRIFLURALIN**

**RATE**  
**FOR USE**

**HERBICIDE**  
**FOR GRASSES**  
**IN:**

**SHRUBS**

% By Weight  
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55.5%  
100.0%

t per gallon

**FOR CHILDREN**  
**OR**  
**ORNAMENTS**

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| <p><b>X Annual Grasses</b></p> <ul style="list-style-type: none"> <li>Crabgrass</li> <li>Barnyardgrass (watergrass)</li> <li>Foxtails (including giant foxtail)</li> <li>Johnsongrass (from seed)</li> <li>Gonnsgrass</li> <li>Wild Cana (shattercane)</li> <li>Texas panicum</li> </ul> | <p>-----</p> <ul style="list-style-type: none"> <li>Stinkgrass</li> <li>Bromegrass</li> <li>Bromaria</li> <li>Sandbur</li> <li>Jungle rice</li> <li>Annual bluegrass</li> <li>Sprangletop</li> <li>Cheat</li> </ul> | <p><b>Annual Broadleaf Weeds</b></p> <ul style="list-style-type: none"> <li>Pigweeds (spiny, redroot)</li> <li>Carelessweed</li> <li>Lambquarters</li> <li>Carpetweed</li> <li>Russian thistle</li> <li>Kochia</li> <li>Purslane</li> <li>Florida purslane</li> <li>Knotweed</li> <li>Stinging Nettle</li> <li>Goosefoot</li> <li>Chickweed</li> </ul> |
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