

TRIFLURALIN EC

ACTIVE INGREDIENTS:
Trifluralin (a,a,a-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine) 44.5%
INERT INGREDIENTS: 55.5%
TOTAL 100.0%

CAUTION: KEEP OUT OF REACH OF CHILDREN.

See side panel for additional cautions.

DESTROY CONTAINER WHEN EMPTY. NEVER RE-USE

NET CONTENTS — 5 GAL.

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.

SOLD BY

E-Z FLO CHEMICAL COMPANY

Division of Kirsto Company
COLUMBUS, OHIO • LANSING, MICHIGAN

DIRECTIONS FOR USE

These directions for use are intended only for the Eastern United States (all states east of the Mississippi River plus Minnesota, Iowa, Missouri, Arkansas, Louisiana and those portions of North Dakota, South Dakota, Nebraska, Kansas, Oklahoma and Texas which receive 20 to 25 inches minimum average rainfall per year).

Trifluralin is a pre-emergence herbicide which is mixed (incorporated) into the soil to provide long-lasting control of annual grasses and broadleaf weeds (see list below). Trifluralin controls weeds by killing their seeds as they germinate. It does not control established weeds. Clean cultivate to destroy existing weeds before application. Trifluralin will not control certain weeds such as cocklebur, velvetleaf, jimsonweed, ragweed, Venice mallow and nutgrass.

Incorporation into the top 2 to 3 inches of final seedbed assures effective weed control and permits shallow cultivation, rotary-hoeing and hand-hoeing without reducing weed control activity. Do not cultivate deeper than the treated layer of soil as poor weed control may result.

WEEDS CONTROLLED

Crabgrass
Seedling Johnson grass
Texas panicum
Brachiaria
Annual bluegrass
Careless weed
Russian Thistle
Knotweed

Barnyard grass (water grass)
Goosegrass
Stinkgrass
Sandbur
Sprangletop
Lambsquarter
Kochia
Stinging nettle

Foxtail (including giant)
Wild Cane (Shatter cane)
Bromegrass
Junglerice
Pigweed (Spiny redroot)
Carpetweed
Purslane
Chickweed

APPLICATION and INCORPORATION

Chop and thoroughly mix crop residues into soil to a depth of 4 to 6 inches by deep plowing, offset discing or tandem discing prior to application.

Add the recommended amount of Trifluralin EC to clean water in the spray tank during the filling operation. Apply in 5 to 40 gallons of water per acre (broadcast basis), using any properly calibrated low-pressure herbicide sprayer that will apply the spray uniformly. As the amount of water used (spray volume) decreases, the importance of accurate calibration and uniform application increases. Check the sprayer daily to insure proper calibration and uniform application.

Apply to soil surface and incorporate in the same operation, if possible. Use machinery that breaks up large clods and mixes the soil thoroughly. Knock off beds to planting height before application and incorporation on bedded ground. Avoid removal of treated soil from seedbed prior to or during the planting operation.

The first incorporation may be delayed up to 8 hours after application. Variable weed control may result from delayed incorporation if applied to a wet, warm soil surface or if the wind velocity is 10 mph or higher. The second incorporation can be made anytime prior to planting for pre-plant application.

INCORPORATION EQUIPMENT

Set P.T.O.-driven equipment (tillers, cultivators, hoes) to cut 2 to 3 inches deep and space rotors to provide a clean sweep of the soil. P.T.O.-driven equipment should not be operated at a speed greater than 4 mph.

Set disc to cut 3 to 4 inches deep and operate in two different directions at 4 to 6 mph.

Set Mulch treader and other similar disc-type implements to cut 3 to 4 inches deep and operate at 5 to 8 mph in two different directions.

Set rolling cultivator (light and medium textured soils only) to cut 2 to 4 inches deep and operate twice at 6 to 8 mph.

Set bed conditioner (Do-All) (light and medium textured soils only) to cut 2 to 4 inches deep and operate at 4 to 6 mph.

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.

When incorporating Trifluralin after planting or on established row crops, PTO-driven equipment and the rolling cultivator should be adjusted to till the soil over the seed or throw treated soil toward the crop, but avoid disturbing the seed or mechanical damage to the crop.

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53-263-811

EPA Est 635-MI-1; OH-1

E.P.A. Reg. No. 635-665

DIRECTIONS FOR USE (Continued) BROADCAST RATES IN PINTS PER ACRE

Apply anytime after January 1 as you prepare your seedbed up to time of planting. Trifluralin is not recommended on truck soils.

CROPS	SOIL TEXTURE*					SPECIAL INSTRUCTIONS
	A	B	C	D**	E**	
TRANSPLANTS of Tomatoes, Peppers, Broccoli, Brussels Sprouts, Cabbage, and Cauliflower	1	1½	2	1½	2	Apply and incorporate before transplanting. Do not apply after transplanting.
DIRECT-SEEDED Broccoli, Brussels Sprouts, Cabbage, and Cauliflower	1	1	1½	1½		Apply and incorporate before planting. Direct-seeded cole crops have exhibited marginal tolerance to recommended rates of Trifluralin. Stunting or reduced stands may occur.
English Peas	1	1	1½			Apply and incorporate before planting.
Cotton	1	1½	2	1½	2 to 2½	Apply and incorporate prior to planting, at planting, immediately after planting, or anytime up to layby but not less than 90 days before harvest. Direct layby applications to the soil between the rows and beneath emerged cotton plants. When incorporating after planting (post-planting), care must be taken not to disturb the seed. Seedling diseases may weaken cotton plants and increase the possibility of damage from Trifluralin. To control seedling disease, use a good fungicide program.
Soybeans	1	1½	2	1½	2 to 2½	Apply and incorporate before planting.
Dry Beans, Southern Peas, Castor Beans, Safflower, Sunflower, Okra, and Carrots	1	1½	2	1½ to 2	2	Apply as a directed spray to the soil between the rows and beneath the plants and incorporate within 8 hours.
Direct-Seeded Tomatoes at blocking or thinning.	1	1½	2	1½	2	Apply and incorporate after planting, up to or immediately following dragoff. Care should be taken so that incorporation machinery does not damage potato seed pieces or elongating sprouts.
Potatoes (post-plant)	1	1½	2 (except Maine)	1½	2	Set incorporation equipment so that the bed and furrow will be uniformly covered with a layer of Trifluralin. If the layer of Trifluralin treated soil is not uniform and the herbicide is concentrated over the bed, potato emergence may be retarded and stem brittleness can occur. Cultivation prior to emergence may result in mechanical injury to the elongating potato sprouts.
Snap Beans, Lima Beans	1	1	1½			Apply and incorporate before planting.

*A = Sand and sandy loam.
B = Loam, silt loam, and silt.

C = Clay loam, silty clay and clay.
D = Soils with 2 to 5% organic matter.

E = Soils with 5 to 10% organic matter.

CAUTION

Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes or clothing. In case of contact, flush with plenty of water. Use only with adequate ventilation. Do not smoke or eat while handling the product or before having washed with soap and water. Do not contaminate foodstuffs or feeds. Keep away from domestic animals.

ANTIDOTE: If swallowed, give tablespoonful of salt with a glass of warm water to induce vomiting.

This product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not contaminate any body of water.

Do not store near heat or flame. Do not reuse empty containers. Do not allow to freeze.

In Florida only: Do not plant vegetable crops other than those presently listed on the label within five months following the application of Treflan as injury to the crop may result.

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