

HERBICIDE

Trifluralin 4EC

Trifluralin 4EC herbicide is a selective preemergence herbicide for the control of many annual grasses and broadleaf weeds and may be added to liquid fertilizer or impregnated on dry bulk fertilizer. Trifluralin 4EC must be mechanically incorporated within 24 hours after application to effectively control weeds. Trifluralin 4EC controls susceptible weeds as they germinate but does not control established weeds.

PRODUCT FEATURES

- Trifluralin 4EC controls a wide range of grassy and broadleaf weeds in a variety of crops.
- Trifluralin 4EC can reduce early-season weed competition and controls glyphosate-resistant biotypes.
- Trifluralin 4EC provides long residual control from an early-season, pre-plant incorporated application.

ACTIVE INGREDIENT: Trifluralin

HERBICIDE GROUP: 6

ACTIVE INGREDIENT PER GALLON: 4.0 lbs.

MODE OF ACTION: Seedling Root Growth Inhibitor

USE RATES: See label for all product use rates

PACKAGING: 2 x 2.5's and 265 gal.



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COTTON AND COTTONSEED

APPLICATION TIMING

Trifluralin 4EC may be applied for weed control in cotton in the fall, in the spring before planting, after planting, but prior to crop emergence, or to established cotton up to and including layby, but no later than 90 days before harvest.

APPLICATION DIRECTIONS

Trifluralin 4EC may be applied and soil incorporated or it may be applied through chemigation (see directions for chemigation in "Chemigation" section below).

Follow the soil preparation, application, and incorporation procedures in the "Product Information" section of the label. For fall application, in addition to the directions below, refer to instructions in the "Application Timing" section under "Product Information". For layby application, refer to instructions in the "Layby Application" section on the label.

If incorporating after planting, incorporate Trifluralin 4EC soon after planting and set equipment to avoid disturbing planted cottonseed.

For band applications, reduce the application rate in proportion to the row spacing and bandwidth treated. For example, treating a 12-inch band where the row spacing is 36 inches would require 1/3 of the listed broadcast rate per acre (12 inches divided by 36 inches = 1/3).

TANK MIXING OR SEQUENTIAL TREATMENTS

For broader spectrum weed control, other products registered for use in cotton may be applied in tank mix combination with Trifluralin 4EC or as a sequential treatment following application of Trifluralin 4EC. When tank mixing, use the listed rate of Trifluralin 4EC. Follow the label Directions for Use of each tank mix partner for applicable use instructions including application rate, application timing, weeds controlled, and specific precautions and restrictions of product use. See detailed information for tank mixing in the Product Information section of the label.

Conventional Tillage Cotton Broadcast Application Rates per Acres

SOIL TEXTURE	TRIFLURALIN 4EC (PINTS)		
	SPRING APPLICATION ¹	FALL APPLICATION	
		EASTERN U.S. ²	WESTERN U.S. ³
Coarse	1.0	2.0	1.5
Medium	1.25–1.5	2.0	2.0
Fine	1.5–2.0	2.5	2.5

¹ Spring Application:

- On coarse and medium soils with 2 to 5% organic matter use 1.5 pints per acre.
- On fine soils with 2 to 5% organic matter use 2 pints per acre.
- On all soils with 5 to 10% organic matter use 2 to 2.5 pints per acre.
- Use lower rate in rate range for areas receiving less than 20 inches of total annual rainfall and irrigation.

² Fall Application: For eastern U.S. including Alabama, Arkansas, northern Florida, Georgia, Louisiana, Mississippi, southeastern Missouri (Bootheel), North Carolina, New Mexico, Oklahoma, South Carolina, Tennessee, and Texas.

³ Fall Application: For western U.S. including Arizona and California.

For fall application in all other states and areas not listed in the above footnotes: Apply Trifluralin 4EC at the spring application rate, using the high rate where a range is given.

SOYBEANS

TRIFLURALIN 4EC—ALONE

Apply and incorporate Trifluralin 4EC in the spring before planting or in the fall in advance of spring planting. See instructions for fall application under Application Timing in the Product Information section of the label.

Broadcast Application Rates per Acre

SOIL TEXTURE	TRIFLURALIN 4EC (PINTS)	
	SPRING APPLICATION	FALL APPLICATION ¹
Coarse	1.0	2.0
Medium	1.5	2.0
Fine	2.0	2.5

¹ Fall Application Rates for States Including: Alabama, Arkansas, northern Florida, Georgia, Louisiana, Mississippi, southeastern Missouri (Bootheel), North Carolina, Oklahoma, South Carolina, Tennessee, and Texas.

- Coarse and medium soils with 2 to 5% organic matter—1.5 pints
- Fine soils with 2 to 5% organic matter—2 pints
- Soils with 5 to 10% organic matter—2 to 2.5 pints

SPECIAL USE PROGRAMS

Fall Application Prior to Planting Soybeans in the Spring (Arkansas, Louisiana and Mississippi)

Apply Trifluralin 4EC as a preplant soil incorporated treatment in the fall prior to planting soybean in the spring

Broadcast Application Rates for Fall Application prior to Spring Planted Soybean:

SOIL TEXTURE	TRIFLURALIN 4EC (PINTS)
Coarse	2.0
Medium	2.0–3.0
Fine	2.5–4.0

Note: Use the higher rate in the rate range under conditions of abundant rainfall and mild winter temperatures.

Restriction: In the season following this treatment, plant only those crops for which this product can be applied as a preplant incorporated treatment.

Soybeans—Chemigation

Trifluralin 4EC may be applied through properly equipped chemigation systems for weed control in soybeans. Refer to Application by Chemigation in the Product Information section of the label for use directions for chemigation. Do not apply Trifluralin 4EC through any irrigation system unless these directions are carefully followed.

Apply Trifluralin 4EC in sprinkler irrigation equal to 1/2 to 1 inch of water. Plant and apply Trifluralin 4EC as soon as possible after the last tillage operation. Trifluralin 4EC must be applied within two days after planting and prior to crop emergence.

Trifluralin 4EC does not control established weeds. Soil incorporation is not required when Trifluralin 4EC is applied through chemigation systems.

Broadcast Application Rates per Acre

SOIL TEXTURE	TRIFLURALIN 4EC (PINTS)
Coarse	1.5–2.0
Medium	1.5–2.0
Fine	2.0–2.5

- Soils with 2 to 5% organic matter—2 pints
- Soils with 5 to 10% organic matter—2 to 2.5 pints

For soybeans grown in states other than those listed above, fall apply Trifluralin 4EC at broadcast rates listed for spring preplant incorporated treatment.

Precautions: Plant soybeans after early season adverse weather conditions have passed, especially when using higher rate programs. Cool, wet weather early in the growth cycle causes additional stress on soybean plants which may result in reduced stand, delayed maturity and reduced yield.

Restriction: Do not fall-apply this product to soybeans planted in soils where rice was grown the previous year.

TANK MIX OVERLAY AND POSTEMERGENCE INFORMATION

For broader spectrum weed control, other products registered for use in soybeans may be applied in tank mix combination with Trifluralin 4EC or as a sequential treatment following application of Trifluralin 4EC. When tank mixing, use the listed rate of Trifluralin 4EC. Follow the label "Directions for Use" of each tank mix partner for applicable use instructions including application rate, application timing, weeds controlled, and specific precautions and restrictions of product use. See detailed information for tank mixing in the "Product Information" section of the label.

Cultivation: Soil treated by chemigation with Trifluralin 4EC may be shallow cultivated without reducing weed control activity.

Always read and follow label directions.
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