

TRIALATE EC HERBICIDE

FOR CONTROL OF WILD OATS IN WHEAT AND BARLEY

ACTIVE INGREDIENT:

S-2, 3, 3-Trichloroallyl diisopropyl thiocarbamate* 46.3%

INERT INGREDIENTS:

53.7%
TOTAL 100.0%

*CONTAINS 4 LBS. ACTIVE PER GALLON.

NET CONTENTS 5 GALLONS
EPA REG. NO. 2749-196

CAUTION: KEEP OUT OF THE REACH OF CHILDREN.

MAY BE HARMFUL IF SWALLOWED. MAY CAUSE SKIN AND EYE IRRITATION. DO NOT GET IN EYES OR ON SKIN. USE WITH ADEQUATE VENTILATION. WHEN HANDLING, WEAR RUBBER GLOVES AND GOGGLES. IN CASE OF CONTACT, FLUSH WITH PLENTY OF WATER. FOR EYES - GET MEDICAL ATTENTION. DO NOT STORE NEAR FEED AND FOODSTUFFS.

DO NOT REUSE EMPTY CONTAINER. DESTROY EMPTY CONTAINER BY PERFORATING OR CRUSHING AND BURYING IN A SAFE PLACE.

GENERAL INFORMATION

Spraying equipment must be properly calibrated - application of too much TRIALLATE EC may injure the crop - application of too little TRIALLATE EC may result in poor wild oat control.

TRIALATE EC should be sprayed on the soil before wild oats germinate. If wild oats have emerged, tillage prior to spraying must be relied upon for their control.

Before applying TRIALLATE EC, be sure the soil is in good working condition. This applies particularly to clay soils. Avoid application to a field left in a ridged condition. Application to a field which is wet, lumpy, rough or ridged will result in reduced wild oat control and increased crop thinning.

The incorporation of the chemical into the soil must be completed as soon as possible on the day of spraying. The incorporation should not be deeper than two inches, because deeper incorporation tends to dilute the chemicals, decreasing wild oat control and increasing the risk of crop thinning.

When summerfallow or plowed ground is being treated, only a single disking (incorporation) is required. If stubble ground with a heavy trash cover is being treated, or if the soil is wet or lumpy (making proper mixing difficult) a second disking either before or after spraying is recommended. If the soil is loose and

free of trash, incorporation with 2 harrowings at right angles is adequate.

Recommended rates should be followed exactly in order to (1) Avoid crop injury and (2) control wild oats.

When using TRIALLATE EC, a strip should be left untreated for proof of results. Weed control may be evaluated also by removing a surface inch or two of soil at the time of germinating to inspect the number of wild oats that were killed before emergence.

Wild oats are usually killed before emergence, but occasionally and particularly under dry conditions plants may reach the 3 or 4 leaf stage before they die.

Under conditions of prolonged high temperature at the time of wild oat germination or drought in spring TRIALLATE EC may not provide the usual high standard of wild oat control.

Seeding may be done either before or after spraying and incorporation, depending upon the crop that is to be sown. If seeding is delayed, shallow reworking of the treated area before seeding will not destroy the effects of the chemical.

Occasionally some crop thinning may occur in wheat and barley from fall or spring treatments, particularly when there is abundant rainfall after spraying and before crop emergence. This is usually avoided in spring treatments by applications AFTER seeding and minimized in applications before seeding when the seed is placed 1/2 to 1 inch below the TRIALLATE EC treated soil layer. Thinning is usually more than off-set by tillering and increased yields.

Domestic oats should not be seeded where TRIALLATE EC was used the previous year. There is a possibility that TRIALLATE EC may carry over sufficiently to injure this crop.

Do not graze livestock on treated crops.

DIRECTIONS FOR USE

FALL TREATMENT:

When used in the fall, TRIALLATE EC should be applied within 2 to 3 weeks of soil freeze-up to provide wild oat control in spring planted wheat and barley. Application made more than three weeks before freeze-up may result in reduced effectiveness of the chemical.

Spring and Durum Wheat - Apply 1 quart per acre.

Barley - Apply 1 1/4 quarts per acre.

1. On summerfallow ground, which is loose and free of lumps and trash, incorporate TRIALLATE EC to a depth of 2 in. or less with a disk plus harrow or two harrowings at right angles as soon as possible after spraying. (See "General Information" section).
2. If soil must be ridged after incorporation to prevent soil erosion by high winds, the depth of ridging should be kept to a minimum. Deep ridging may cause the decrease of effectiveness of the chemical or result in crop injury in the spring.
3. In preparing the TRIALLATE EC treated area for seeding in the spring, care must be taken to avoid working the soil any deeper than 2 inches. Deep tillage, greater than 2 inches in depth tends to dilute the chemical, decreasing the wild oat control and increasing the risk of crop injury.

SPRING TREATMENT:

Spring and Durum Wheat - Properly incorporated, 1 qt. of TRIALLATE EC per acre should provide reasonable wild oat control.

TRIALATE EC IS RECOMMENDED AFTER SEEDING ONLY AS FOLLOWS.

1. On summerfallow or plowed ground, seed to a depth of 2 to 3 inches. If drilling leaves ridges in loose soil, the field should be harrowed prior to spraying.



Manufactured for

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Apply TRIALLATE EC to the soil surface before or after corn emergence and before corn is 12 inches high. Avoid application after corn is 12 inches high.

Incorporate with 2 harrowings at right angles as soon as possible on the day of spraying. Two harrowings at right angles provide adequate incorporation if the soil is loose and free of trash.

Apply TRIALLATE EC. IS RECOMMENDED FOR CORN SEEDING METHODS.

CORN SEEDING METHOD

Apply to a depth of 2 to 2 inches.

Apply 1.4 quarts per acre BEFORE crop emergence and before corn sprouts exceed 12 inch in height.

Incorporate with 2 harrowings at right angles as soon as possible on the day of spraying. This method of incorporation is not effective if compact soil prevents penetration of harrow teeth, or if trash accumulates in the harrow sections.

CORN SEEDING METHOD

If application after seeding barley is recommended, TRIALLATE EC can also be used before seeding. Dry stubble should be thoroughly tilled either before or after application as follows:

Apply 1.4 quarts TRIALLATE EC per acre.

Incorporate with a disk type implement or cultivator to a depth of 2 inches or less, followed by a harrow as soon as possible on the date of spraying. Two harrowings at right angles after spraying are adequate incorporation if the soil is loose and free of trash.

Seed barley BELOW the chemical layer in the soil to a depth of 2 inches and time from immediately after, up to 3 weeks after spraying.

MIXING AND APPLY TRIALLATE EC

Mix TRIALLATE EC with 5 or more gallons of water per acre for an overall treatment. Higher volumes of water, such as 10 gallons per acre will usually result in more uniform spraying and less evaporation, and usually better wild oat control.

Spraying during winds above 10 miles per hour will result in a loss of TRIALLATE EC below the amount required for good wild oat control.

The best mixing of TRIALLATE EC with water, proceed as follows:

1. Fill the tank approximately 3/4 full with water.
 2. Carefully add the proper amount of TRIALLATE EC with mixing.
 3. Fill the remaining portion of the tank with water.
 4. Mix thoroughly again if the solution has been left in the tank for any length of time.
- The sprayer by pass valve should be in open position before and during application.

When spraying, check all hose connections to see that they are properly secured. Adjust the height of the spray boom in the field to ensure an even distribution of the chemical on the soil. Avoid overlapping of spray. Pressure should not be above 30 p.s.i. and just high enough to provide a uniform spray pattern. Nozzle sprayers should not be used because the distribution of the TRIALLATE EC will be too uneven. A hand marker or chain should be attached to both ends of the sprayer boom to serve as a marker, thus avoiding overlapping or untreated strips. Overlapping will double the recommended rate and crop injury. Do not

apply TRIALLATE EC to wet soil. Do not use wet, or recently wet, clothing or cloth when spraying. Wash clothing thoroughly.