COTTON (CA AND AZ) - GENERAL PLANT DEFOLIATION

General Information

PRODUCT INFORMATION

TRIBUFOS 6 is a cotton defoliant which may be used for the removal of leaves from cotton plants prior to the anticipated harvest of the crop. TRIBUFOS 6 contains six (6) pounds of active ingredient per gallon. It is non-corrosive and non-clogging to spray equipment and does not constitute a fire hazard.

TRIBUFOS 6 must be applied in sufficient amounts of spray carrier to provide thorough coverage of leaves. TRIBUFOS 6 treated leaves do not appear affected until defoliation actually begins and the leaves drop in a green condition. Under favorable conditions, defoliation of cotton normally occurs within four to seven days following application. Adverse conditions such as low temperature (especially temperatures below 60°F at night), low humidity or plant stress may extend the defoliation time to nine to fourteen days. Under these adverse conditions, use the higher specified TRIBUFOS 6 rate and/or use diesel oil rather than water as the spray carrier.

Heavy rainfall during or immediately following a TRIBUFOS 6 application may result in reduced performance. Application is not recommended when a heavy rainfall is expected within one hour after treatment. Dew on the plant leaves at time of application should not affect performance.

TRIBUFOS 6 does not suppress second growth (regrowth), especially where rainfall follows defoliation. A second application of TRIBUFOS 6 or a tank mixture of TRIBUFOS 6 with specified labeled cotton harvest aid products will be effective for defoliation of the second growth if excessive second growth has occurred.

TRIBUFOS 6 may be used alone for bottom defoliation or for general plant defoliation. TRIBUFOS 6 may also be applied in tank mixture with specified registered products for enhanced cotton harvest aid activity.

USE RESTRICTIONS

- Do not apply more than 1 1/2 pints (1.125 lbs ai/A) of TRIBUFOS 6 per acre per
crop season in all States except California and Arizona. Do not apply more than 2 1/2 pints (1.875 lbs ai/A) per acre per crop season in California and Arizona only.

- TRIBUFOS 6 is suitable for use in all power-operated ground and aircraft sprayers. Do not apply TRIBUFOS 6 through any type of irrigation equipment.

- Do not use TRIBUFOS 6 on any other crop except cotton. Avoid spray drift to susceptible plants, as this product may injure or defoliate other crops.

- Do not graze treated fields.

- Do not apply TRIBUFOS 6 within seven (7) days of harvest.

- Observe all labeling cautions and limitations of all products used in tank mixtures.

APPLICATION PROCEDURES

TRIBUFOS 6 alone may be applied with all suitable power operated ground and aircraft sprayer. If applying TRIBUFOS 6 in tank mixture, refer to the application procedures of the tank mix partner and follow the most restrictive label. Do not apply TRIBUFOS 6 through any type of irrigation system.

Ground Application: Use spray equipment that provides a uniform and accurate application. A minimum spray volume of 10 gallons per acre is specified when TRIBUFOS 6 is applied with water and a minimum of 5 gallons per acre is specified when TRIBUFOS 6 is applied in diesel oil.

Aerial Application: Use aerial equipment calibrated to provide accurate and uniform spray coverage and application rates and to minimize the potential for spray drift. Do not apply when wind may cause drift.

A minimum spray volume of 5 gallons per acre should be used when TRIBUFOS 6 and tank mixtures with TRIBUFOS 6 are applied with water. TRIBUFOS 6 alone may be applied in a minimum of 3 gallons of spray volume per acre when using diesel oil (minimum of 5 gallons per acre in California).

Aerial applicators must be in enclosed cockpits.

USE RATES

Use the specified use rate of TRIBUFOS 6 in water or once refined vegetable oil or diesel oil. Apply sufficient spray to ensure uniform leaf wetting. All leaves must be
treated for complete defoliation. TRIBUFOS 6 does not suppress secondary growth.

Limitations, Restrictions, and Exceptions

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Apply specified dosage per acre to give thorough coverage of leaves when at least 50% of bolls are open, or according to local recommendations for Node Above Cracked Boll (NACB). For LV/ULV application, use not less than 1 1/2 pints per acre of once refined vegetable oil.

General Plant Defoliation: Apply to mature cotton plants when 50% or more of the bolls are open and 7 to 10 days prior to anticipated picking. Plants are considered mature if the youngest bolls 1) cannot be dented by pressure between the thumb and forefinger or 2) cannot be cut through easily with a sharp knife.

Minimum Spray Volume: If using diesel oil as the spray carrier, refer to the APPLICATION PROCEDURES section for minimum spray volume information.

Method
Broadcast/Foliar Air
Broadcast/Foliar Ground

Pre-Harvest Interval

7 days

Rates
field rates 0

Restricted Entry Interval

7 days

Timings
Preharvest