

COTTON - NO. ACRES TREATED BY 1 GAL OF PRODUCT: 8 ACRES

General Information

PRODUCT INFORMATION

This product is used as a defoliant to aid in preparing cotton for harvest and can be used effectively under warm and cool weather conditions.

DRIFT REDUCTION PRACTICES

To reduce the potential for drift to non-target crops or foliage during applications, especially under windy conditions, follow these specified practices:

- DO NOT apply this product by ground or air when wind speeds exceed ten (10) miles per hour at the time of application.
- Use nozzle pressures of between 20 and 30 psi.
- DO NOT apply this product when a temperature inversion is present or when conditions favor an inversion before application is completed.
- Use the largest nozzle orifice possible that will deliver the proper deposition and coverage of product.
- DO NOT make ground applications of this product within 100 feet of growing lettuce.
- DO NOT make aerial application of this product within 0.5 miles of growing lettuce.
- Citrus Areas in the Rio Grande Valley of Texas: DO NOT make aerial applications of this product when citrus are in flush (burst of new growth, as in springtime) within 5 miles downwind of the point of application. DO NOT make ground applications of this product when citrus are in flush within 0.5 miles downwind of the application point.

REQUIREMENTS FOR REDUCING SPRAY DRIFT FOR DIURON GROUND AND AERIAL APPLICATIONS: Use best practices to avoid drift to all other crops and non-target areas. DO NOT apply when conditions favor drift from target areas. The interaction of many equipment and weather related factors determine the potential for spray drift. Avoiding spray drift at the application site is the responsibility of the applicator. The applicator must follow the most restrictive precautions to avoid drift, including those found in this labeling as well as applicable state and local regulations and ordinances.

A drift control agent may reduce drift, however, it may also decrease weed control. Make aerial or ground applications only when the wind speed is less than or equal to 10 miles per hour. DO NOT make aerial or ground applications into temperature inversions. Apply with medium or coarser spray (according to ASAE standard 572) for standard nozzles. Additional requirements for ground applications: When applying to crops, apply with nozzle height no more than 2 feet above the ground or crop canopy.

Additional requirements for aerial applications: The spray boom must be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The boom length must not exceed 75% of the wingspan or 90% of rotor blade diameter. Use upwind swath displacement. When applying to crops, DO NOT release spray at a height greater than 6 to 10 feet above the ground or crop canopy. DO NOT apply by air if sensitive nontarget crops are within 100 feet of the application site.

DIRECTIONS FOR MIXING

DO NOT prepare more spray solution than required for one day's use. To prepare a spray solution of this product, follow these instructions:

- Fill the spray tank $\frac{1}{2}$ full with clean water. Agitate the water and continue agitation through the mixing operation.
- Add this product to the tank followed by the remaining amount of water.
- Maintain agitation of the spray solution during application.

ADJUVANTS The addition of adjuvants can cause substantial desiccation during periods of high temperature. If the potential for enhanced leaf sticking is a concern, do not use adjuvants that will desiccate leaf tissue.

TANK MIXES WITH OTHER COTTON DEFOLIANT PRODUCTS

The tank mix of this product with other cotton defoliant products can improve overall defoliation, and as an aid in accelerating the opening of mature, unopened cotton bolls. Best activity will be obtained where the tank mix is applied to mature cotton plants. DO NOT apply tank mix before sufficient unopened bolls have matured to produce the desired cotton yield.

For cotton produced in non-arid conditions, apply this product at a rate of 3.2 to 6.4 fl. oz. per acre plus other cotton defoliant products at the label recommended use rate for these products.

USE PRECAUTIONS

Spray drift from this product may reach desirable trees or crops other than the target crop of mature cotton, or cotton you desire to defoliate. Spray drift to non-target crops can cause crop injury or defoliation. Use extreme caution if this product is applied to adjacent fields of lettuce, citrus, or cantaloupe.

A reduction in the desired amount of defoliation and/or in the inhibition of plant growth may be observed when this product is applied under extremely cool or adverse conditions.

A rain event occurring within 12 hours of application may reduce effectiveness of this product.

USE RESTRICTIONS

DO NOT apply this product through any type of irrigation system.

DO NOT feed foliage from treated cotton plants or gin trash to livestock.

DO NOT use immature crops for food or feed.

DO NOT apply more than 16 fl. oz. (1 pint) of this product (0.125 lb Thidiazuron and 0.0625 lb Diuron) per acre per year.

DO NOT make more than 2 applications of this product per year.

The minimum retreatment interval is 21 days.

ROTATION CROP RESTRICTIONS

Refer to the following table for the amount of time which must elapse before planting crops in fields previously treated with this product. Cover crops: If small grains are planted earlier than 2 months after a product application or small grains are planted between the cotton plant rows which were treated with this product, then these crops can only be used as cover crops. DO NOT harvest the grain crops for food or feed.

Limitations, Restrictions, and Exceptions

Additional Instructions

How to Apply: Apply this product using air or ground equipment. Use desired rate in

10-25 gallons of spray per acre by ground or 2-10 gallons per acre by air.

When to Apply: Apply this product before harvest at a rate of 6.4 to 16.0 ounces of product per acre. After this application, an application of a cotton defoliant may be required, or a second application, but DO NOT exceed 16 ounces (1 pint) of this product per Acre per year.

Time application to occur when cotton plants are mature and when the last harvestable bolls have matured. Mature bolls are determined by squeezing the boll between thumb and finger: if the boll cannot be dented then it is mature. Other signs of boll maturity include when the boll is too hard to be sliced with a sharp knife, and when the seed coat has changed color to light brown.

Preharvest Interval: DO NOT harvest cotton seed less than 5 days after the last application.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Rates

[field rates 0](#)

•

Restricted Entry Interval

24 hours

Timings

[Preharvest](#)