COTTON - TO ACHIEVE AN APPLICATION RATE OF 0.07 LBS A.I./ACRE

General Information

PRODUCT INFORMATION

This product provides growers a tool to help in the harvest of cotton. This product readily disperses in water for use in various types of application equipment. Applications by ground or air of this product just prior to harvest causes the leaves to fall off the plants (defoliation) and inhibits additional plant growth. This effect helps to reduce any staining of lint that occurs during harvest and ginning.

The effects of this product may not be seen for several days after treatment. Cooler weather or other adverse conditions will require an adjustment in the dose level (i.e., higher rates) or require longer periods of time for defoliation to occur.

USE PRECAUTIONS

- DO NOT apply this product through any type of irrigation system.
- DO NOT apply this product if rainfall is expected within 24 hours of application.
- DO NOT feed gin trash, treated foliage or immature crops to livestock.

APPLICATION TIMING

Make applications of this product only to mature cotton plants and when bolls are mature. Bolls are considered mature when the following are observed: 1) the boll does not dent when squeezed between thumb and finger; and/or 2) the boll is difficult to cut using a sharp knife; and/or 3) the seeds have fully developed cotyledons (determined by the fact that the seeds lack liquid within the seed coat if cut in cross section or if the outer edges of the seed coat are light brown).

Make product applications at least five (5) days before the expected day of harvest.

Note: The success of this product as a cotton defoliant depends on the following factors:
- Cotton plants are actively growing.
- Humid weather conditions exist.
- Cotton plant leaves are high in moisture content.

APPLICATION CONDITIONS

If the temperatures at night fall below 60°F, this product applied as a stand-alone product (i.e., without a tank mix partner), may give inconsistent or ineffective defoliation and/or regrowth suppression. Improved performance of this product is achieved if application is timed so that the overnight temperatures exceed 60°F for 2 to 3 days prior to and 2 to 3 days after application.

Heat- and/or drought-stressed cotton (low leaf moisture content, thick cuticle) will not be completely defoliated and/or suppressed in growth when this product is applied to these plants.

SEQUENTIAL PRODUCT APPLICATIONS

To avoid reduced or unsatisfactory defoliation, apply a sequential application of this product only if the first application was applied as a stand-alone or as a tank mix with other defoliants. Also refer to the section on APPLICATION CONDITIONS of the label.

USE OF CROP OIL/ADJUVANTS

Improved defoliation and regrowth suppression has been shown when crop oil concentrates (COC’s) or penetrating oils approved for use on agricultural crops are mixed with this product and applied when nighttime temperatures are low (60° to 65°F) or when drought conditions exist. Consult the adjuvant label for use directions and rates.

When applying this product in the desert Southwest (i.e., Arizona and California), use adjuvants.

NOTE: DO NOT use adjuvants during high temperature periods as freezing and/or desiccation of leaves has been observed.

Limitations, Restrictions, and Exceptions
APPLICATION USE RATES

For defoliation of rank cotton, apply a second application to ensure adequate defoliation. DO NOT make more than two applications and DO NOT exceed a total of 9.6 fl. oz. (0.3 lb. Al/acre).

DO NOT APPLY MORE THAN 9.6 FL. OZ. (0.3 LB. AI/ACRE) PER YEAR.

General Use Rate Information (under normal conditions) for Cotton: 0.125 lbs. Al/A
- Maximum application rate of 0.3 lbs. Al/A/year
- Maximum of 2 applications, but not to exceed 0.3 lbs. Al/A/year

General Use Rate Information (under variable conditions) for Cotton:
- Maximum application rate of 0.2 lbs. Al/A
- Maximum application rate of 0.3 lbs. Al/A/year
- Maximum of 2 applications, but not to exceed 0.3 lbs. Al/A/year

For cutout and mature cotton under normal weather patterns, use this product at 0.05 to 0.10 lb. active ingredient per acre. The 0.05 lb. rate is most effective when used in a tank mix with other cotton defoliating products.

Increase rates of this product above 0.10 lb. of active ingredient per acre to defoliate and control regrowth during periods of rank growth/high fertilizer conditions, extreme weather conditions, such as extended periods of rain and/or low temperatures (60° to 65°F), and on full-season cotton varieties.

At the Indicated Rate, One Gallon of Product Will Treat: 56 Acres

Method
Broadcast/Foliar Air
Broadcast/Foliar Ground

Rates
field_rates 0

Restricted Entry Interval
24 hours

Timings

When bolls are mature.