

# **COTTON (UNDER VARIABLE CONDITIONS)**

## General Information

### PRODUCT INFORMATION

DETACH ULTRA, a harvest aid compound, is used for leaf removal prior to cotton harvest. DETACH ULTRA can be used in aircraft or ground equipment and is easily dispersed in water. The noticeable effect of DETACH ULTRA may take several days. Low temperature and other adverse conditions may require longer times and/or higher dosages for adequate defoliation.

DETACH ULTRA reduces staining of lint during harvesting and ginning by inhibiting regrowth.

### USE RESTRICTIONS

- This product is not to be applied through any type of irrigation system.
- Effectiveness of DETACH ULTRA will be reduced if rainfall occurs within 24 hours post application.
- Foliage from treated plants or gin trash is not to be fed to livestock. Do not use immature crops for feed.

### TIME OF APPLICATION

DETACH ULTRA defoliant applications are to be made only on mature cotton plants when the uppermost harvestable boll is mature. Boll maturity is defined as: 1) when boll is too hard to be dented when squeezed between thumb and finger; 2) when cutting a cross section with a sharp knife is difficult; 3) when seeds in cross section lack liquid within the seed coat or outer edges of seed coat are light brown; 4) when fully developed cotyledons are present.

Make applications of DETACH ULTRA at least five (5) days before the expected harvest date.

Note: The following conditions will determine adequate defoliation with DETACH ULTRA:

- Cotton is actively growing.
- High relative humidity.
- Cotton plant leaves are turgid and not desiccated.

#### CONDITIONS

DETACH ULTRA when used alone under low nighttime temperatures (below 60°F) can provide less than expected defoliation and/or regrowth suppression.

DETACH ULTRA performance under low temperature is variable. Temperature should be above 60°F for 2-3 days prior to and following application or reduced defoliation and regrowth suppression exhibited.

DETACH ULTRA on heat- and/or drought-stressed cotton having non-turgid leaves and extremely waxy leaf surfaces may have reduced defoliation and regrowth suppression exhibited.

#### DETACH ULTRA AS A FOLLOW-UP DEFOLIATION TREATMENT

Reduced or unsatisfactory defoliation may occur when DETACH ULTRA is used as a second or follow-up treatment, except when following a prior DETACH ULTRA or THIDIAZURON 50 WP stand-alone or tank mixed application with other defoliant. Also, see CONDITIONS section of the label above.

#### APPLICATION USE RATES

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

#### Limitations, Restrictions, and Exceptions

General Use Rate Information (under variable conditions such as during periods of rank growth/high fertilizer conditions, extreme weather conditions such as extended periods of rain and/or low temperatures (60°-65°F) as well as on full-season cotton

varieties) for Cotton:

-Maximum application rate of 0.2 lb. ai/acre.

-Maximum application rate of 0.3 lb. ai/acre/year.

-Maximum of two applications, but not to exceed 0.3 lb. ai/acre/year.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Rates

[field\\_rates 0](#)

[field\\_rates 1](#)

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Restricted Entry Interval

24 hours

Timings

[N. A.](#)