

## **COTTON - HOT AND DRY 80 DEGREE FAHRENHEIT OR HIGHER**

### General Information

#### USE PRECAUTIONS:

- Do not apply the product through any type of irrigation system.
- Do not allow spray to drift to nearby crops as the product will affect plant growth resulting in injury or reduced yields.
- Do not prepare more spray solution than can be used in one day. Clean out the spray tank after use and do not allow the spray solution to remain in the sprayer overnight.

#### PRODUCT INFORMATION

The product is a plant growth regulator which penetrates plant tissues and degrades to ethylene which affects the growth process of the plant. The product can be applied as foliar applications to cotton to accelerate boll opening and improve defoliation. These features permit harvest to occur sooner and more efficiently, and may increase yields compared to untreated cotton fields. When the product is applied as foliar sprays to mature tobacco (fluecured), the leaves uniformly turn yellow. This feature provides flexibility in scheduling harvest and also reduces curing time.

#### Limitations, Restrictions, and Exceptions

#### COTTON

#### RESTRICTIONS:

- Do not harvest cotton until 7 days after an application of the product.
- Do not apply the product if rain is expected within 6 hours as product performance may be reduced.
- Rotation Crop Restrictions: Do not plant back another crop within 30 days after application. If small grains are planted earlier than 1 month after an VELOUR

application or are planted between the cotton plant rows which were treated with the product, these crops can only be used as cover crops. Do not harvest the grain crops for food or feed. Small grain plants grown under these conditions may turn yellow and their growth may be stunted.

## WHEN TO HARVEST COTTON

Monitor the treated crop to determine when the optimum number of bolls are open before the cotton is harvested. Lint quality and yield may be reduced if the crop is harvested too late.

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.

### Additional Instructions:

- Select the type of equipment (ground or air) and spray volumes which will ensure thorough coverage of bolls and foliage. Unopened bolls have matured to give the desired yield. Bolls will open 7 to 14 days earlier than without treatment.

By ground: Apply in a minimum spray volume of 10 gals./A.

By air: Apply in a minimum spray volume of 2 gals./A (5 gals./A in AZ and CA). Cotton bolls and plants which are overly rank or not standing will not be thoroughly covered by a VELOUR Plant Growth Regulator application. It is recommended that an application of a defoliant be made BEFORE a VELOUR Plant Growth Regulator application to facilitate boll and foliage coverage by the product.

No. Acres Treated by 1 gallon of VELOUR Plant Growth Regulator: 6

### PRECAUTIONS:

- Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures
- Use caution when the product is applied as a tank mix with defoliants as a slight reduction in boll opening could occur.
- Only apply the product as a tank mix with desiccants if plant desiccation is

required.

- Do not use a defoliant unless sufficient mature unopened bolls are present to produce the desired yield.
- DO NOT TANK MIX THE PRODUCT WITH DESICCANTS IF COTTON IS TO BE SPINDLE HARVESTED.
- UNDER CERTAIN CONDITIONS, TANK MIXTURES OF VELOUR PLANT GROWTH REGULATOR WITH DESICCANTS CONTAINING SODIUM CHLORATE COULD RESULT IN THE FORMATION OF HYPOCHLOROUS ACIDS WHICH ON HEATING WILL EMIT TOXIC CHLORIDE FUMES.
- DO NOT MIX THE PRODUCT WITH AMMONIUM THIOSULFATE AS THESE MIXTURES MAY RESULT IN FORMATION OF TOXIC FUMES.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Rates

[field rates 0](#)

[field rates 1](#)

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Restricted Entry Interval

48 hours

The REI is 72 hours in areas where average rainfall is less than 25 inches per year.

Timings

[Boll opening.](#)