

# Compact<sup>®</sup>

By WINFIELD

## Cotton plant regulation for improved cotton production

### Cotton Management and Improved Yield Potential

Compact<sup>®</sup> plant growth regulator helps manage your cotton crop by regulating plant growth for more efficient production and improved yield potential. Compact<sup>®</sup> plant growth regulator contains mepiquat chloride as the active ingredient to shorten the cotton production season, reducing yield and quality risks that accompany an extended harvest.

Because Compact<sup>®</sup> plant growth regulator directs more food and energy toward fruit development rather than vegetative growth, fiber quality is improved and yield potential is increased.

### Benefits

- Plant height reduction and more open canopy
- Less boll rot
- Better early boll retention and larger bolls
- Improved defoliation
- Reduced trash and lower ginning costs
- Complete and manageable cutout
- Earlier maturity
- Reduced late-season vegetative growth or regrowth after cutout/defoliation
- Better harvest efficiency



### How It Works

Compact<sup>®</sup> plant growth regulator controls plant growth by altering gibberellic acid (GA) metabolism, making less of the GA plant hormone available to the plant. This leads to reduced leaf area and plant height. When applied to the top of the plant, it moves quickly within the plant to young leaves, branches and internodes for effective control of new growth.

### Ingredients

|                   |       |
|-------------------|-------|
| Mepiquat chloride | 4.2%  |
| Inert ingredients | 95.8% |
| TOTAL             | 100%  |

Compact<sup>®</sup> plant growth regulator contains 0.35 pounds active ingredient per gallon.



## Application Rates and Timing

Foliar Compact® plant growth regulator applications should be made before plants grow tall. Thorough cotton foliage coverage is required for best results. Preference® adjuvant can be added to the tank mix to improve plant coverage, uptake and rainfastness. Early applications include multiple low-rate or less frequent high-rate doses. For an early low-rate program, the first application should be made at match-head square, when plants are not experiencing severe stress from weather, fertility, or herbicide or insect damage. Subsequent applications can be made at 7- to 14-day intervals. High-rate early applications start at different times, depending on geographic area.

A late-season application of Compact® plant growth regulator – around the fourth to sixth week of blooming – to fields that are likely to experience additional vegetative growth or regrowth can also be beneficial. However, a later application should only be made if fields are not stressed by drought or nutrient problems.

See the label for application rates and additional timing information. To lock in deposition or spray coverage and lock out drift, include InterLock® adjuvant.

## Packaging

4 x 1-gallon jugs  
Store above 32° F