

Cotton

# **Relieve Early Season Stress**

ProGibb<sup>®</sup> 40% Plant Growth Regulator optimizes cotton yield potential by improving early-season plant vigor and growth. By stimulating rapid early season growth, ProGibb 40% helps plants overcome early-season stress caused by cool weather, wind and blowing sand, hail, standing water and/or insect damage.

## Hasten Canopy Closure

*ProGibb* 40% reduces sunlight availability to weeds by hastening canopy closure. By rapidly increasing leaf size in cotton seedlings less light penetrates the canopy layer.

# **Patented Formulation**

*ProGibb* 40% is a state-of-the-art patented, concentrated formulation. Each 3-oz bottle treats 10 acres at the 0.3 oz/A rate.

# ProGibb—Enhance Cotton Seedling Vigor and Canopy Growth



Photos taken 14 days after treatment

10 7.5 6.75 6.75 6.6 5.2 3.65 2.5 Plant Height Nodes/Plants Squares/Plants

#### Field Results Effects on Wind-Damaged Cotton

■ Untreated ■ ProGibb 40% 0.2 oz at 3–5 leaf

Source: Texas A&M Univeristy





#### How To Use

Rate	0.3 oz/A broadcast; adjust rate accordingly for banded applications. The label rate range is 0.1–0.5 oz/A for maximum use flexibility. Use higher rates when average daytime temperatures will be below 75°F during the 14 days following application(s).
Timing	Make 1–2 foliar applications during the 3- to 7-leaf stage
Method	Foliar spray (broadcast or banded), aerial
Spray Volume	10–20 gal/A by ground, 3–10 gal/A by air
Adjuvant	Nonionic surfactant. Valent recommends use of a Chemical Producers & Distributors Association-certified adjuvant.
REI	4 hours

## Other Important Information

- Under crop stress conditions, apply *ProGibb* only after new growth is visible and good growing conditions have returned
- For best results, apply under slow drying conditions (early morning or late afternoon) to increase absorption by the plant
- > For optimal performance, appropriate fertilization and irrigation regimens should be used
- The lower end of the rate range is for multiple applications or for ideal conditions when daily temperatures average more than 75° F for the two days prior to application through five days after application. Use higher rates when temperatures are cooler.
- For best results, the water pH should be around neutral, and always below 8.5
- A nonionic wetting agent may improve spray coverage and enhance absorption
- ProGibb may be tank mixed with other products



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