



The Next Evolution of Early-season Disease Control for Cotton Growers

Since 2006, growers have witnessed the outstanding early-season disease protection available from Avicta® Complete Cotton nematicide/insecticide/fungicide seed treatment, a combination of separately registered products. Avicta Elite Cotton Plus with Vibrance® CST offers cotton growers an unprecedented level of seedling protection, combining abamectin, imidicloprid, thiamethoxam and Vibrance CST. Vibrance CST is a novel formulation containing four active ingredients including sedaxane, azoxystrobin, fludioxonil and an increased mefenoxam load compared to Dynasty CST® for enhanced control of the damaging seedling disease *Pythium*.

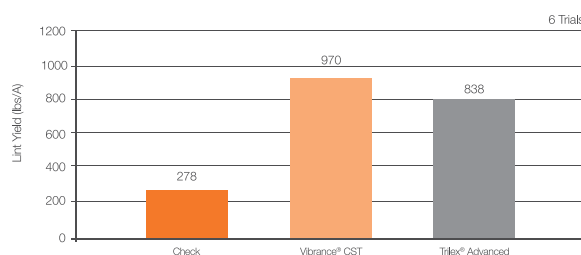
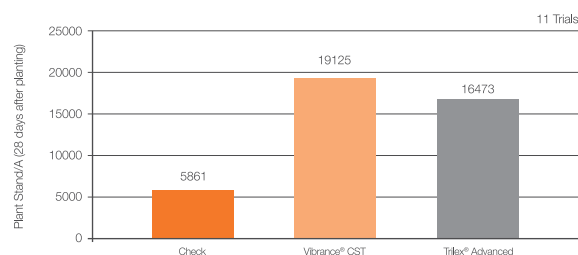
Avicta Elite Cotton Plus with Vibrance CST seed treatment supplies cotton growers with best-in-class *Rhizoctonia* and *Pythium* activity and enhanced RootingPower to help achieve optimized root health and consistent yield stability from year to year. Avicta Elite Cotton Plus with Vibrance CST combines seven active ingredients that deliver extended protection against a broad spectrum of seedborne and soilborne diseases reducing seedling mortality and replant risk while improving stand uniformity.



When using Avicta Elite Cotton Plus with Vibrance CST, growers can expect to see:

- Ideal systemic activity and soil mobility
- Long-lasting protection of entire root system under wide range of environmental conditions
- Low use rate and excellent seed safety

Vibrance CST Protects Plants to Optimize Yields



All treatments included Avicta Duo COT 202 + Gaucho® insecticide and were inoculated with *Rhizoctonia solani*. 2017 CPFD; TSX100A4-2017US





The Latest Defense Against Early-season Cotton Insects

Thrips and aphids can pose a serious threat to establishing a strong, healthy cotton stand. To help ensure young cotton plants are protected, many growers have come to rely on the preventive protection of early-season insecticides.

Over the last several years, tobacco thrips populations have proven to be difficult to manage in some geographies. To help cotton growers stay one step ahead of insect pests, Syngenta offers dual seed-applied insect protection to cotton growers in Avicta Elite Cotton Plus with Vibrance CST nematocide/insecticide/fungicide seed treatment. The additional active ingredient to thiamethoxam allows cotton growers who have come to rely on Avicta Complete Cotton as their standard seed treatment solution to better combat early-season insects with increased product consistency.

In addition, Syngenta highly recommends a foliar overspray of an insecticide with an alternate mode of action from the neonicotinoid class of insecticides at the one true leaf stage of cotton.

Targeting pests from emergence through the first weeks of development, seed treatment insecticides provide consistent and reliable protection against early-season insect pests under a variety of environmental conditions. Avicta Elite Cotton Plus with Vibrance CST provides protection throughout the plant and gives seedlings a healthy, vigorous start, which is important in establishing a strong early-season stand. Avicta Elite Cotton Plus with Vibrance CST helps protect plants from a broad spectrum of seed, soil and foliar chewing and sucking insects, including:

- Tobacco thrips (limited control)
- Western flower thrips
- Cotton aphids
- Cotton fleahoppers (suppression)



The Syngenta logo, featuring the word "syngenta" in a lowercase, white, sans-serif font, with a stylized leaf icon above the letter 'a'. The logo is set against a dark green background.

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