

The logo for Avicta Complete Beans features a stylized leaf icon in purple and gold to the left of the text. The text 'Avicta' is in purple, 'Complete' is in a larger purple font, and 'Beans' is in a smaller black font below it.

Avicta[®] Complete
Beans

The Syngenta logo consists of the word 'syngenta' in a white, lowercase, sans-serif font, with a small leaf icon above the 'n'.

syngenta[®]

A photograph of a lush green bean field stretching to the horizon under a bright blue sky with scattered white clouds. The text is overlaid on the upper portion of the image.

Ultimate Protection
Against Nematodes,
Insects and Diseases

TM



As many growers diversify their operations to include corn and soybeans in addition to traditionally southern crops like cotton, nematode pressure has remained high because cotton, corn and soybeans are all host crops to several of the same nematode species. So growers who have historically battled nematode damage in their cotton fields also should expect to see yield loss due to nematodes in their soybean crops. Because a crop rotation of cotton, corn and soybeans is not an effective method of inhibiting certain nematode populations, such as root-knot nematode, growers need to implement a treatment program to help ensure their soybean fields are adequately protected.

Avicta Complete Beans, a combination of Avicta® 500 FS seed treatment nematicide and CruiserMaxx® Beans insecticide/fungicide seed treatment combination, provides soybean growers with consistent, reliable protection against damaging nematodes, insects and diseases. This first-of-its-kind seed treatment is immediate and effective, ensuring soybean seedlings are protected from day one. With limited soybean nematode control options on the market, Avicta Complete Beans offers proven, comprehensive protection in the convenience of a seed-delivered treatment – helping to increase plant health and yield potential.

ADVANTAGES OF AVICTA COMPLETE BEANS

- Helps promote healthy, vigorous seedlings
- Promotes vigorous plant growth, quicker canopy and larger root mass
- Delivers positive return on investment
- First and only triple-protection seed treatment for soybeans including a nematicide, insecticide and fungicides
- Provides excellent protection against a wide variety of damaging nematode species
- Offers industry-leading protection against a broad spectrum of early-season insects and disease pathogens
- Proven to help increase plant stand, vigor and soybean yield potential
- Offers growers a 75 percent positive yield response with an average increase of three to four bushels per acre





NEMATODE PROTECTION FROM DAY ONE

Oftentimes soybean nematode damage is difficult to identify and can be misdiagnosed. Symptoms can include chlorosis of the leaves, stunting, root damage, poor plant stand, root galling, root branching and yield loss. Visual symptoms may be mistaken for herbicide injury, disease, micronutrient deficiencies or even the result of harsh environment conditions. Other times, visual symptoms may not be present, yet yield and profit potential are still impacted.

The nematicide component of Avicta Complete Beans, Avicta 500 FS, offers immediate, reliable nematode protection to help promote stronger stands and better emergence. Avicta Complete Beans provides total plant protection where it matters most – the root system. Avicta is a true nematicide that defends soybean roots by moving with the root system as it develops. By eliminating nematodes through contact activity, Avicta Complete Beans significantly reduces the initial nematode population, reproduction and the threat of early-season infections.

Avicta Complete Beans protects against many damaging nematode species, such as:

- Root-knot
- Reniform
- Lance
- Lesion
- Stubby-root
- Stunt
- Sting
- Soybean cyst

SUPERIOR PROTECTION AGAINST EARLY-SEASON INSECT PESTS

Market-leading Cruiser® seed treatment is the insecticide component of Avicta Complete Beans. Avicta Complete Beans provides soybean growers with effective and consistent early-season protection against a variety of damaging insect pests, including:

- Thrips
- Threecornered alfalfa hopper
- Grape colaspis
- Leafhopper
- White grub
- Soybean aphid
- Bean leaf beetle
- Seedcorn maggot
- Wireworm

INCREASED DISEASE PROTECTION

Containing the market-leading seed treatment fungicide ApronMaxx®, Avicta Complete Beans helps safeguard the soybean plant from troublesome diseases that can inhibit growth and reduce stand, vigor and yield. Avicta Complete Beans protects against most harmful seed- and soil-borne disease pathogens, including:

- Early-season *Phytophthora*
- *Pythium*
- *Rhizoctonia*
- *Fusarium*
- *Sclerotinia* (white mold)
- *Phomopsis*
- General seed rots



PROVEN RESULTS

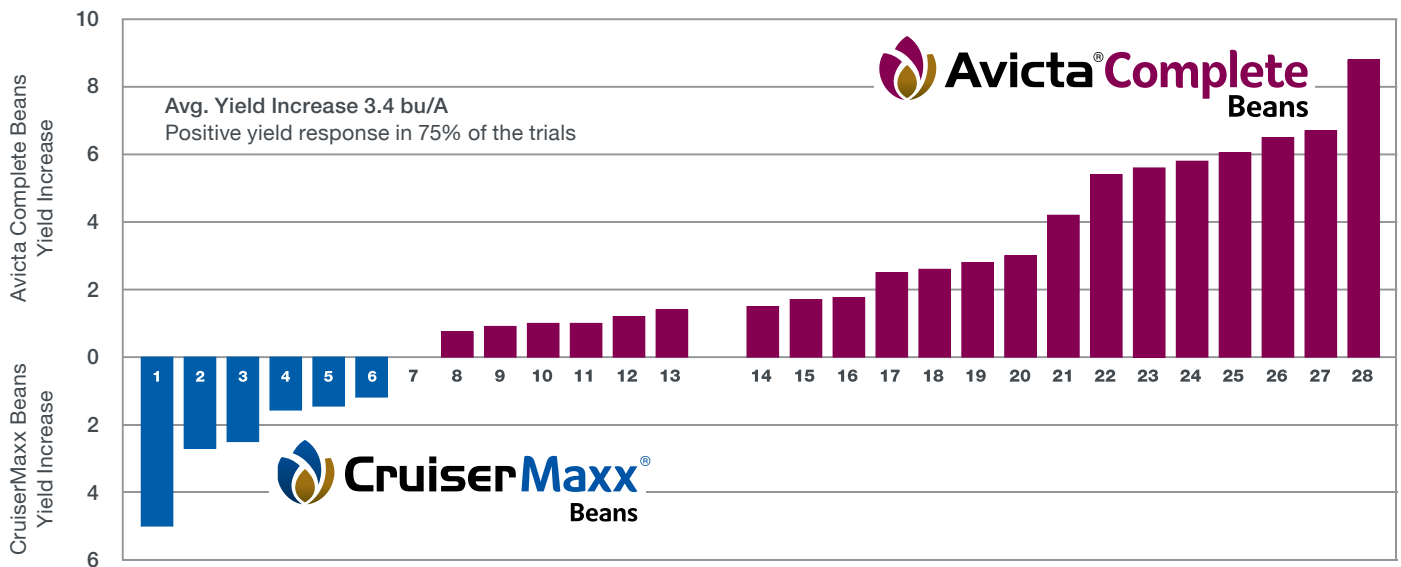
“It is important for soybean growers to understand that they must manage nematodes in their fields because they cannot be eradicated. Since nematodes can exist in all soil environments, growers only have one opportunity to control them – before planting. **Even the slightest discoloration in soybean plants means that growers are already at a 10 to 15 percent yield loss.**”

JOHN MUELLER, *professor of plant pathology at Clemson University*

“Root-knot nematodes continue to be problematic in areas that historically have been cotton-producing regions. Besides sampling fields and crop rotation decisions, using a seed treatment nematicide may be beneficial, particularly in combination with a moderately resistant cultivar. **The day the seed is planted is the last day that growers can do anything to control nematodes in that field that year.**”

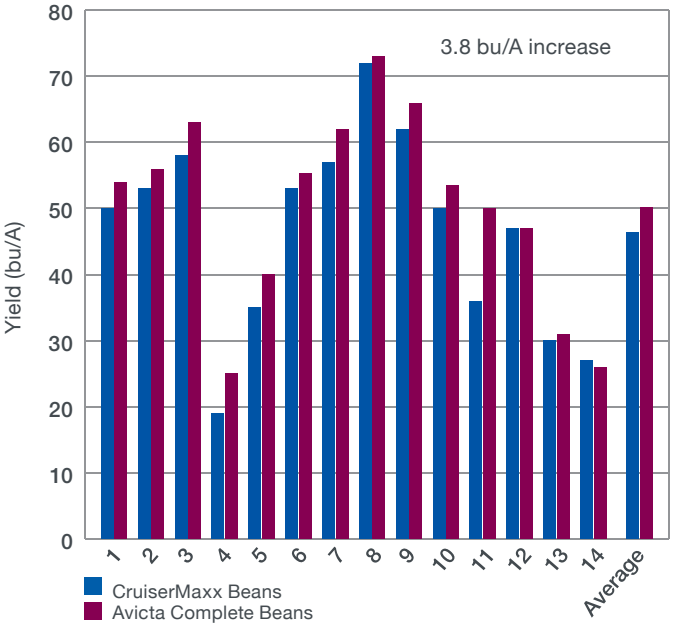
DR. TERRY KIRKPATRICK, *professor of plant pathology at the University of Arkansas*

EFFICACY OF AVICTA COMPLETE BEANS ON SOYBEAN CYST NEMATODE IN THE SOUTH (AR-NC)



- 28 trials (2005- 2009)
- Avicta Complete Beans was applied to known SCN resistant varieties

EFFICACY OF AVICTA COMPLETE BEANS ON ROOT-KNOT NEMATODE (2008-2009) – AR, LA, MS, NC



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Important: Always read and follow label instructions before buying and using Syngenta products. The instructions contain important conditions of sale, including limitations of warranty and remedy. Avicta 500 FS is a Restricted Use Pesticide. Avicta 500 FS is not currently registered for sale or use on soybean in all states. Please check with your state or local extension service before buying or using this product. For use by certified applicators only. Growers planting Avicta treated seed are not required to be certified applicators.

Avicta Complete Beans is a combination of separately registered products containing Avicta 500 FS nematicide, plus one or more of the following products: CruiserMaxx premix; CruiserMaxx Plus; Cruiser, Apron XL and Maxim 4FS; or Cruiser and an ApronMaxx fungicide. CruiserMaxx Beans is one or more separately registered products containing the following: CruiserMaxx premix; CruiserMaxx Plus; CruiserMaxx and Apron XL; Cruiser 5FS, Maxim and Apron XL; or Cruiser 5FS and an ApronMaxx brand fungicide.

Avicta technology is protected by U.S. Patent No. 6,875,727.

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