



# Best-in-class protection against insects and diseases

## The market-leading seed treatment: CruiserMaxx Beans

CruiserMaxx® Beans seed treatment, a combination of separately registered products, provides the protection you need to maximize yield potential of high-value seeds. Its three active ingredients protect against a broad-spectrum of damaging above- and belowground insects, as well as all major seed- and soilborne diseases. CruiserMaxx Beans also offers the patented Cruiser Vigor Effect. Scientifically proven, the Cruiser Vigor Effect delivers more robust and vigorous plants even in the absence of insects.

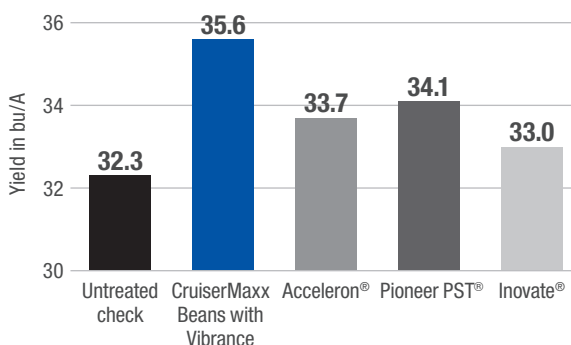
## Building upon the best-in-class seed treatment: CruiserMaxx Beans with Vibrance

Boosting the high performance of CruiserMaxx Beans, CruiserMaxx Beans with Vibrance® seed treatment, a combination of separately registered products, further enhances the level of protection in your fields. The Vibrance fungicide component optimizes root health through best-in-class *Rhizoctonia* protection and increases the potential for a larger root surface with more root tips and forks. Vibrance combines systemic movement throughout the plant with optimal soil mobility, which is the result of its active ingredient having been developed specifically for seed treatment.

## Proven performance

CruiserMaxx Beans with Vibrance is backed by extensive testing, use and proven performance. For more than 10 years, CruiserMaxx Beans has consistently delivered increased yield potential on more than 80 million acres, across varying environments. Since its introduction in 2013, Vibrance has been quickly adopted and is now used each year on more than 20 million acres. High-performance growers trust CruiserMaxx Beans with Vibrance to protect high-value seed investments and maximize soybean yield potential.

CruiserMaxx Beans with Vibrance outperforms the competition



2013, n=5



# The next level of soybean seed protection

## Adding effective, season-long SCN protection to CruiserMaxx Beans with Vibrance

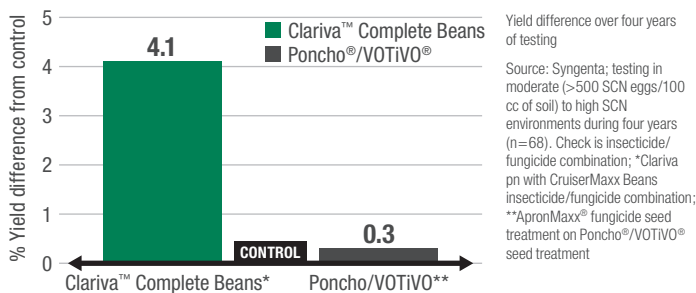
If you are battling soybean cyst nematode (SCN) populations in your field, we now have a proven solution. Clariva™ Complete Beans seed treatment, a combination of separately registered products, adds a revolutionary nematicide to the broad-spectrum disease and insect protection of CruiserMaxx Beans with Vibrance.

SCN is the No. 1 pest to U.S. soybean growers, causing more yield loss than the next five most damaging pathological soybean pests combined, including sudden death syndrome (SDS). The nematicide of Clariva Complete Beans acts directly and immediately on SCN, reducing the feeding and reproduction of SCN, ultimately killing the pest. Through its unique mode of action, the nematicide provides activity throughout the entire soybean growing season and stays active under varying conditions, such as soil type, moisture content, pH and temperature.

## Proven performance

Clariva Complete Beans has been validated by third parties and is proven to increase soybean yield under SCN pressure. Testing of Clariva Complete Beans over the last four years showed a more than 4 percent, or 2 bu/A, average yield increase compared to an insecticide/fungicide check. Yield increases of more than 10 bu/A have also been seen in trials.

## Clariva Complete Beans outperforms the competition in four consecutive years of testing



Across the Midwest, SCN populations have shown increased reproduction on soybean varieties using the PI88788 source of SCN resistance. In fields with these adapted SCN populations, Clariva Complete Beans showed an average 4.4 percent yield increase versus an insecticide/fungicide check over three years of testing. This underlines the potential for Clariva Complete Beans to offer you additional effective SCN protection and help manage resistance.

## Dual mode of action protection against sudden death syndrome

After SCN, SDS is among the most damaging soybean pathogens. If you have noticed SDS in your fields, you likely have SCN as well and should protect against both. Clariva Complete Beans offers reduced impact from both SCN and SDS by itself. For increased, dual activity against SDS, add Mertect® 340-F fungicide to Clariva Complete Beans. Mertect 340-F offers direct activity on SDS as well as an excellent seed safety profile that protects germination and stand.

You are always looking for ways to improve the performance in your soybean fields. Likewise, we are committed to developing new seed treatments to help you **grow more soybeans**. Clariva Complete Beans and CruiserMaxx Beans with Vibrance can provide your high-value soybean seed the protection it needs to **start strong**.

For all the latest soybean news from Syngenta and to register to receive the Soybean Insider email, visit [SyngentaUS.com/soybeans](http://SyngentaUS.com/soybeans). Tap into the vast knowledge of our expert agronomy team on [KnowMoreGrowMore.com](http://KnowMoreGrowMore.com). Join the conversation – connect with us at [social.SyngentaUS.com](http://social.SyngentaUS.com).



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