



## Let's Talk About Roots

A strong, healthy root system is critical to maximizing crop performance in corn. A larger root surface area improves a plant's ability to absorb water, take in nutrients and manage stress. That means protecting tiny root hairs goes a long way toward improving yield potential.

One of the greatest threats to corn root health is *Rhizoctonia*, a soil-borne fungus that weakens plants during the early development stages by feeding on root systems. Due to the impact on plant health, lost root potential may never be regained once *Rhizoctonia* attacks. Since the damage often occurs at the root level, the effects of *Rhizoctonia* are not always seen above ground.

Good root health begins with a good seed treatment. Since the value of genetics and traits is so high, you need to make every effort to protect the roots and the yield potential of your seed.

### The Best Insect and Disease Protection Comes with Enhanced Root Health

**CruiserMaxx® Vibrance® Corn**, a combination of separately registered products, is an insecticide/fungicide seed treatment that offers superior insect and disease protection with enhanced root health. The addition of Vibrance to the already robust fungicide package in CruiserMaxx Corn brings a third mode of action against *Rhizoctonia* and increases each crop's RootingPower.

The result is comprehensive early-season insect and disease protection for healthy, vigorous seedlings, the strongest root system possible and the highest potential yields.



CruiserMaxx Vibrance Corn



Untreated check

## Insect Protection

In addition to its best-in-class disease protection, CruiserMaxx Vibrance Corn offers superior action against a broad spectrum of early-season insects, including:

- Wireworm
- Chinch bug
- Seedcorn maggot
- Southern corn leaf beetle
- Corn flea beetle
- White grub\*
- Black cutworm
- Thrips
- Grape colaspis
- Southern green stinkbug
- Seedcorn beetle
- Corn leaf aphid
- Sugarcane beetle
- Billbug\*\*
- Corn rootworm\*\*

CruiserMaxx Vibrance Corn is available in three different versions, with varying levels of the insecticide component:

- **CruiserMaxx Vibrance Corn 250** insecticide (0.25 mg thiamethoxam/seed)
- **CruiserMaxx Vibrance Corn 500** provides an increased rate of insecticide (0.50 mg thiamethoxam/seed) for enhanced insect protection
- **CruiserMaxx Vibrance Corn 1250** offers the highest available rate of insecticide (1.25 mg thiamethoxam/seed) for added insect protection against corn rootworm and billbug. It is a key component in an effective corn rootworm management plan.

## Disease Protection

CruiserMaxx Vibrance Corn offers the most comprehensive combination of seed treatment fungicides on the market today, protecting against the following diseases in corn:

### Seed-Borne:

- *Fusarium*
- *Cladosporium*
- *Helminthosporium*
- *Diplodia (Stenocarpella)*
- *Aspergillus*
- *Penicillium*
- *Sporisorium (Sphacelotheca)*
- *Mucor*
- *Rhizopus*

### Soil-Borne:

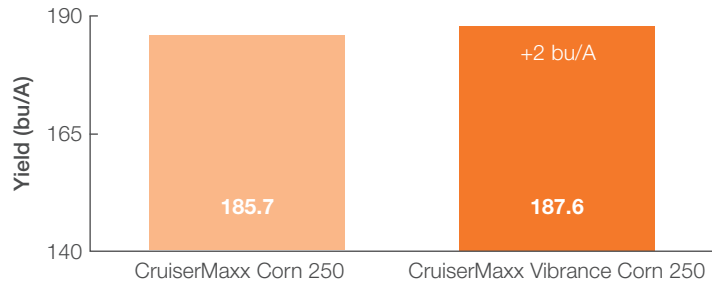
- *Pythium*
- *Rhizoctonia*
- *Fusarium*
- *Fusarium graminearum*
- *Fusarium verticillioides*
- *Macrophomina*
- *Diplodia (Stenocarpella)*
- *Sporisorium (Sphacelotheca)*
- *Penicillium*
- *Colletotrichum*

## Proven in the Field

The addition of Vibrance to the CruiserMaxx Corn package has shown improvements in yield, both in high and low disease pressure environments.

### CruiserMaxx Vibrance Corn 250 vs. CruiserMaxx Corn 250

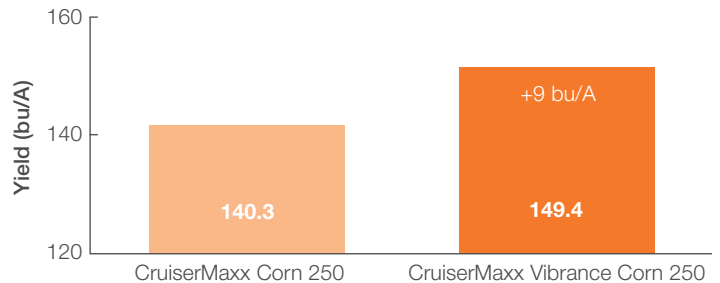
84 Trials Across 4 Years – Low Disease Pressure



In 84 comparisons in lower disease pressure, Vibrance shows an average of nearly **2 bu/A improvement** in yield.

### CruiserMaxx Vibrance Corn 250 vs. CruiserMaxx Corn 250

7 Trials Across 3 Years – High Disease Pressure



In seven *Rhizoctonia* inoculated locations (high disease pressure), the addition of Vibrance shows more than a **9 bu/A increase**.

\* Including Japanese beetle larvae, European Chafer larvae, true white grub, annual white grub and May/June beetle larvae.

\*\* Requires the higher application rate of thiamethoxam (1.25 mg a.i./seed). Corn rootworm protection includes Mexican, Northern, Southern and Western species.

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