



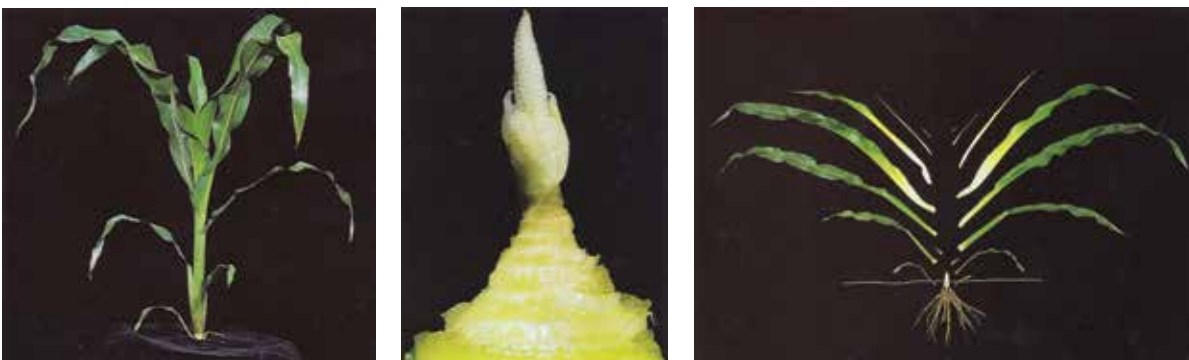
***Rhizoctonia*: A Hidden Menace**

Rhizoctonia is a soil-borne fungus that attacks plants in early development stages, including both seeds and seedlings. *Rhizoctonia* weakens plants during pre-emergence and post-emergence by feeding on the root system, causing slowed growth and damping off. Damaged root hairs hurt the plants' ability to absorb water and nutrients, and manage stress, reducing their potential to achieve maximum yield. The lost rooting potential may never be regained because of the significant impact on early plant health and development. *Rhizoctonia* is not always easily seen above ground in the host plant since damage often occurs at the root level.

Vibrance® seed treatment fungicide brings best-in-class *Rhizoctonia* protection for stronger, healthier roots, which are critical to maximizing plant performance.



Germination and emergence 0, 2, 4, 5, 6, 7 (VE), 8, 10 (V1), and 12 (V2) days after planting.¹



V6 growth stage (GS), V7 GS magnified tassel development and lower dissected V6 GS plant shown from left to right.¹

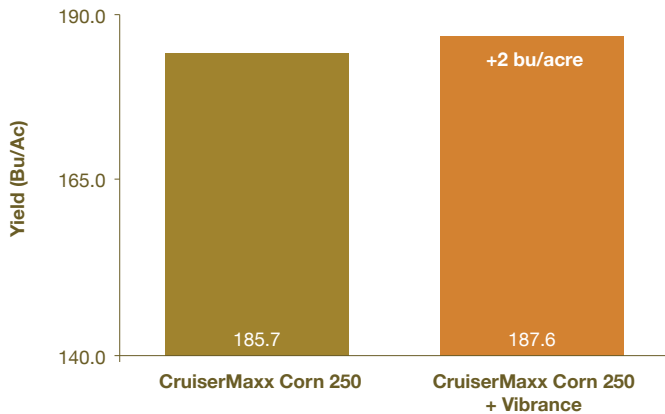
¹ Hanway, J.J. and S.W. Ritchie, Iowa State University, 1992. How a Corn Plant Develops: Special Report No. 48.

How Vibrance Helps

The disease protection in Vibrance helps shield the developing plant against reduced emergence, and helps increase plant stand and vigor during the critical early stages of growth when yield potential is determined. The proprietary fungicide uses the active ingredient sedaxane, the first Syngenta molecule developed specifically for the seed treatment market.

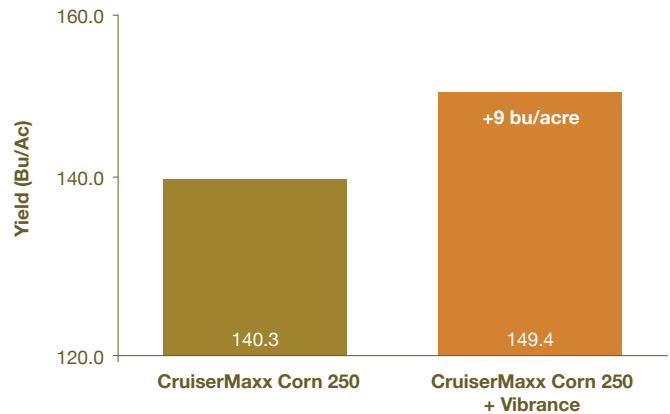
Vibrance has shown the efficacy to improve average yield of plants in both high and lower disease pressure environments. Available with Avicta® Complete Corn nematicide/insecticide/fungicide seed treatment and CruiserMaxx® Corn insecticide/fungicide seed treatment (a combination of separately registered products), Vibrance adds a third mode of action for *Rhizoctonia* protection to these offerings.

CruiserMaxx Corn 250 with Vibrance vs. CruiserMaxx Corn 250
84 Trials Across 4 Years
(low disease pressure)



In 84 comparisons in lower disease pressure, Vibrance still shows on average nearly 2 bu/acre improvement in yield.

CruiserMaxx Corn 250 with Vibrance vs. CruiserMaxx Corn 250
7 Trials Across 3 Years
(high disease pressure)



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

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GROW more
CORN

 **Vibrance**®

syngenta®

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