



# **Vibrance™ Extreme**

syngenta®

## Combining Three Top-Performing Active Ingredients to Boost Rooting Power

VIBRANCE™ Extreme seed treatment fungicide supplies cereal growers with best-in-class *Rhizoctonia* activity and enhanced Rooting Power™ to help achieve optimized root health and consistent yield stability from year to year. Applied through commercial, on-site seed treater or seed company, VIBRANCE Extreme promotes effective seedling germination, robust stands and more heads. A combination of three active ingredients that features sedaxane, a member of the succinate dehydrogenase inhibitor (SDHI) class of fungicides, VIBRANCE Extreme delivers extended protection against a broad spectrum of seedborne and soilborne diseases. In addition, VIBRANCE Extreme is fully compatible with Cruiser® seed treatment insecticide to protect wheat and barley seedlings from diseases and insects at the same time.

### Benefits of VIBRANCE Extreme

- Provides longer-lasting, broad-spectrum performance with best-in-class *Rhizoctonia* activity to deliver better yields under stress
- Offers ideal systemicity and soil mobility to create a “halo of protection” around the seed and root system
- Boosts Rooting Power through enhanced disease protection that leads to more powerful roots and improved crop performance
- Protects seed to stimulate quality root systems that deliver better emergence, stand establishment, nutrient uptake and stress tolerance
- Produces healthier, stronger stems and foliage better able to withstand stresses from weather, diseases and insects
- Delivers convenient protection of the seed’s genetic potential to help maximize yield and quality, ensuring every seed counts
- Contains sedaxane, the first fungicide active ingredient from Syngenta developed specifically as a seed treatment
- Provides a resistance management tool as it adds another unique seed treatment mode of action from the SDHI class of fungicides to the Syngenta Seedcare portfolio

#### Improved Root Health



Untreated



VIBRANCE

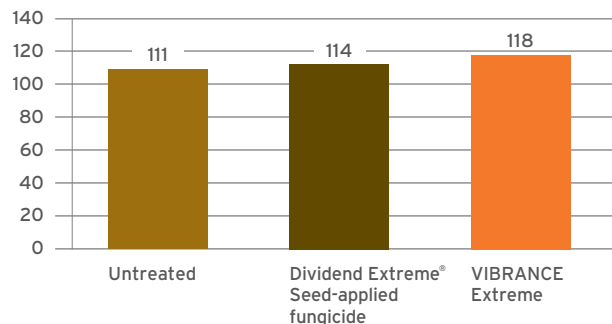
Source: Syngenta

## Broad-spectrum Disease Protection

- Common Bunt
- Dwarf Bunt
- Karnal Bunt
- Common Root Rot (*Cochliobolus* spp., suppressed)
- Covered Smut
- False Loose Smut
- Flag Smut
- Loose Smut
- True Loose Smut
- Fusarium Crown and Foot Rot (suppressed)
- Fusarium Seed Scab
- General Seed Rots
- Pythium Damping-off
- Seedling Blight, Root Rot and Damping-off caused by seedborne and soilborne *Fusarium* spp. or *Rhizoctonia* spp.
- Seedling Blight, Root Rot and Damping-off caused by soilborne *Pythium* spp.
- Seedborne *Septoria*
- Septoria Leaf Blotch
- Take-all (suppressed)

### Yield Results - Winter Wheat

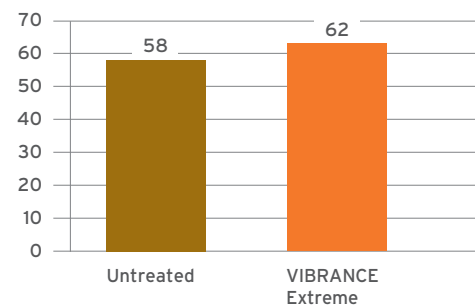
Yield (bu/A)



Whitewater, Wis., 2010. Non-inoculated trials conducted by Agri-Tech Consulting.

### Fusarium Protection in Barley

Yield (bu/A)



Inoculated trials in Bozeman, Mont., 2010.

“VIBRANCE will strengthen the protection our seed treatments provide against soilborne disease pressure, helping with germination, emergence and stand establishment.”

- Stephen Reinertsen  
The McGregor Company, Colfax, Wash.

“From my trial experience, I believe VIBRANCE brands will become the new standard in broad-spectrum seed treatment disease protection, as well as increase yield potential.”

- Dave Barta  
CPS, Spokane, Wash.

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