CruiserMaxx Vibrance Cereals: Protect Roots From What You Can’t See

Although you can’t see them, healthy roots are critical to wheat plants’ stand establishment and nutrient uptake. To help your wheat withstand early-season insect and disease stressors, CruiserMaxx® Vibrance® Cereals seed treatment is the solution for stronger roots and enhanced crop performance. The power of four combined chemistries delivers RootingPower to safeguard seeds, young seedlings and roots for increased crop productivity and yield potential.

**Key benefits:**

- Delivers the Cruiser® Vigor Effect to help enhance germination, increase vigor and strengthen stand establishment
- Boosts RootingPower through longer-lasting disease protection, resulting in stronger roots and improved plant stands
- Enhances wireworm activity and protects against aphids, Hessian fly and other pests when applied with additional Cruiser 5FS
- Keeps active ingredients on the seed where it matters, resulting in less dust-off as the seed is handled

**Protection from diseases and insects:**

- Common, dwarf and karnal bunts
- Common root rot*
- Covered, false loose, loose and true loose smuts
- European chafer
- Fusarium
- General seed rots
- Pythium
- Rhizoctonia
- Seedborne Septoria
- Septoria leaf blotch**
- Take-all*
- Wireworms*

On average, winter wheat treated with CruiserMaxx Vibrance Cereals delivers higher yield than untreated

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Yield (Bu/A)</th>
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<tbody>
<tr>
<td>Untreated</td>
<td>61.5</td>
</tr>
<tr>
<td>CruiserMaxx Vibrance Cereals</td>
<td>63.8</td>
</tr>
<tr>
<td>CruiserMaxx Vibrance Cereals +</td>
<td>65.1</td>
</tr>
<tr>
<td>Cruiser 5FS</td>
<td></td>
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</tbody>
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Syngenta funded university research trials; N= 30; A=.10; Colorado, Nebraska, Kansas and South Dakota, 2016
HELP MAXIMIZE YOUR WHEAT SEED INVESTMENT

What happens below ground is just as important as what happens above, so don’t leave your bottom line vulnerable to invasive pathogens and pests. You can depend on CruiserMaxx Vibrance Cereals to help safeguard the genetic potential of each high-value seed.

Best-in-class *Rhizoctonia* protection to help improve stand establishment

ROOTINGPOWER delivers healthier plants and larger root mass compared to untreated

![Untreated]( Untreated.png) ![Nipst® SUITE]( Nipst.png) ![CruiserMaxx® Vibrance® Cereals]( Vibrance.png)

Wilton, North Dakota; 2017

CruiserMaxx Vibrance Cereals pairs with extra Cruiser to help drive wheat yield potential

<table>
<thead>
<tr>
<th>Yield (Bu/A)</th>
<th>Untreated</th>
<th>CruiserMaxx Vibrance Cereals + Cruiser 5FS</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>30</td>
<td>43</td>
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</table>

Syngenta trials on spring wheat; Minnesota and North Dakota; 2010

Talk to your local Syngenta representative or reseller for more information about CruiserMaxx Vibrance Cereals.