



# Teraxxa™

Seed Treatment

# Teraxxa™ F4

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## True In-Season Control of Wireworms

Cereal growers have suffered long enough with damage from wireworms. With Teraxxa™ seed treatment, the only seed treatment that can rapidly eliminate wireworms upon contact, growers will have a powerful new weapon to protect their crops.

### Teraxxa Seed Treatment

- Rapidly eliminates wireworms across all species and developmental stages
- Reduces overwintering wireworm larvae and neonates, which will reduce the feeding damage potential later in the season
- Partners well with systemic insecticides for additional protection from above-ground insect pests

### Teraxxa F4 Seed Treatment

- Highly effective wireworm control from Teraxxa seed treatment insecticide
- Also contains four fungicides for broad-spectrum disease control in a pre-mixture formulation
  - Broad-spectrum protection against key seed and soil-borne diseases, including Fusarium, Rhizoctonia and Pythium
  - Cold tolerance, rapid emergence and highly systemic disease protection
  - Unique systemicity of Xemium® fungicide for longer and more complete protection

 **BASF**

We create chemistry

### Powered by Broflanilide

- Broflanilide interferes with nerve signal communication in the wireworm's cells, causing over-excitation and incapacitation, resulting in quick mortality
- Broflanilide is not systemic in the plant
- Broflanilide provides protection to the root from wireworm feeding

Commercial availability expected by  
January 2021.

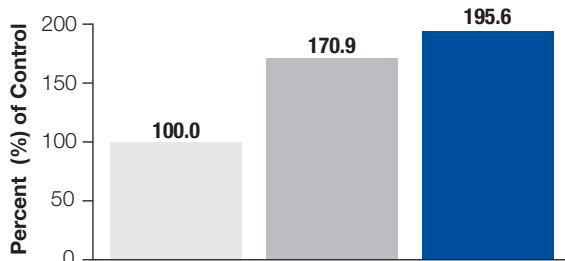
## A New Mode of Action for True In-Season Control and Effective Management of Wireworms



2018 Reardon, WA.

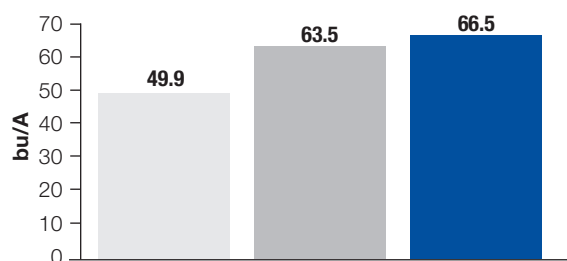
## Efficacy and Yield of Teraxxa F4 Seed Treatment Under Wireworm Pressure

### Stand



Average of 16 trials

### Yield

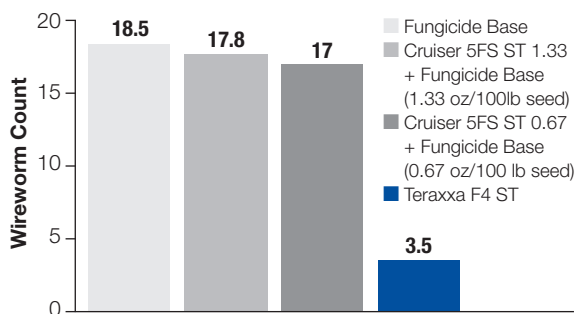


Average of 14 trials

Legend: Fungicide Base (light gray), Cruiser ST + Fungicide Base (medium gray), Teraxxa F4 ST + Neonics (dark blue)

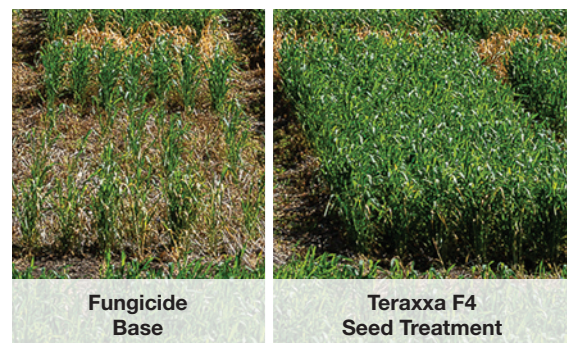
2015-2018 U.S. field trials (WA, MT, ND, ID) – Spring and Winter. All treatments in all trials received the same fungicide base treatment. Teraxxa F4 seed treatment applied at 4.6 oz/CWT. Cruiser seed treatment applied at 1.33 oz/CWT.

## Teraxxa F4 Seed Treatment Reduces Wireworm Populations



2018-2019 Reddy Montana State, MT. Spring 2019 wireworm bait sampling collected in season following 2018 wheat grown with seed treatments.

## Response Under Wireworm Pressure



2020 Rosalia, WA.

	ACTIVE INGREDIENTS	CROPS	TARGET PESTS
<b>Teraxxa Seed Treatment</b>	Broflanilide (Gr. 30)	Wheat, Barley, Oat, Rye, Triticale, Canary and Seed	Wireworms
<b>Teraxxa F4 Seed Treatment</b>	Broflanilide (Gr. 30), Triticonazole (Gr. 3), Metalaxyl (Gr. 4), Fluxapyroxad (Gr. 7) and Pyraclostrobin (Gr. 11)		Wireworms, Fusarium, Rhizoctonia, Common root rot, Smuts and Bunts, Pythium

**For more information, visit [AgProducts.BASF.us](http://AgProducts.BASF.us)**

Always read and follow label directions.

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