

# Obvius®

Fungicide Seed Treatment

## Dry Bean Seedling Disease Control in One Jug

### Benefits of Obvius Fungicide Seed Treatment

- Latest technology
  - Provides broad spectrum seed and seedling disease control
  - Excellent systemicity and long term residual activity
  - Three powerful modes of action
- Powered by **Xemium®** fungicide
  - Contains **Xemium** fungicide and **F500®**, the same active ingredients found in **Priaxor®** fungicide, along with metalaxyl
- Easy application
  - Convenient, colored formulation. Registered for on-farm and commercial seed treatment use.

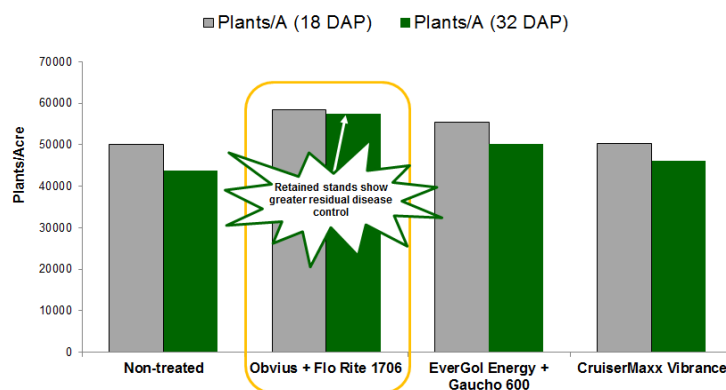
Seed treatment applications with Obvius fungicide seed treatment have been associated with more rapid and increased emergence under disease pressure and certain cold conditions.



Obvius

Untreated

### Dry Bean Stand and Yield Benefits



2015 Third Party Research Trial. Perham, MN

2014 On-farm BASF Research Trial. Wynyard, SK. Obvius fungicide 4.6 fl oz/CWT.

Technical Information Bulletin

150 years

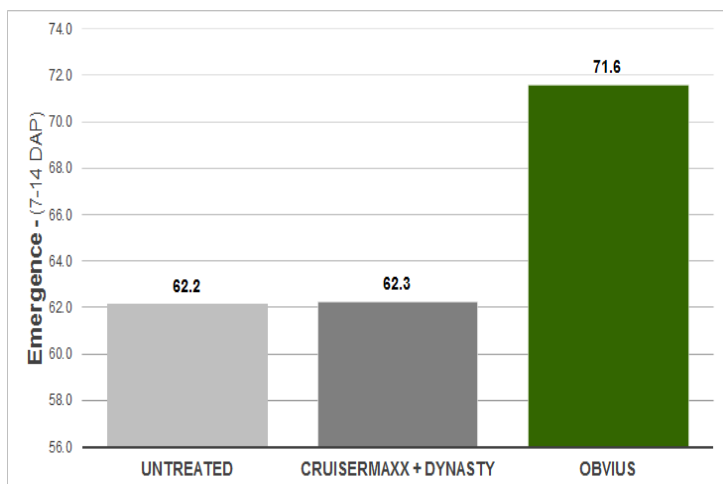
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## Directions for Use

- Use rates:
  - 4.6 fl oz/CWT: Dried shelled peas and beans
  - 9.2 fl oz/CWT: Rapeseed
- Obvius® fungicide seed treatment may be applied using standard commercial seed treatment equipment (such as, but not limited to, slurry or mist type equipment) or on-farm seed treatment equipment. Obvius fungicide seed treatment may also be used in on-the-go type air seeder treatment systems. DO NOT apply directly into the planter box.

## Seed-borne Anthracnose (*Colletotrichum lindemuthianum*) in Dry Beans



2014 University Research Greenhouse Trial. 7-14 DAP Emergence Counts (Plants/Pot)

## Labeled Crops

- Dried shelled peas and beans – crop subgroup 6C\*** (Field pea, Lentil, Chickpea, Guar, Lablab, Lupines, Fava bean, Pigeon pea)
  - *Phaseolus* spp. – field, kidney, lima, navy, pinto, tepary beans
  - *Vigna* spp. – adzuki bean, black-eyed pea, catjang, cowpea, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean)
- Flax seed**
- Rapeseed**

## Target Diseases

- Anthracnose caused by seed-borne *Colletotrichum* spp.
- Root rot, seed rot, and seedling blight caused by soil-borne *Fusarium* spp.
- Root rot, seed rot and seedling blight caused by soil-borne *Pythium* spp.
- Root rot, seed rot, and seedling blight caused by soil-borne *Rhizoctonia* spp.
- Seed rot and seedling blight caused by seed-borne *Botrytis cinerea*.
- Seedling blight caused by seed-borne *Ascochyta* spp.
- Root rot, seed rot, and seedling blight caused by soil-borne *Leptosphaeria maulans* (ie. blackleg) – rapeseed.

\*Excludes soybeans

## Disease Control Rankings

Seed or seedling diseases caused by:	<i>Fusarium</i> spp.	<i>Rhizoctonia</i> spp.	<i>Pythium</i> spp.	<i>Ascochyta</i> spp. (seed-borne)	<i>Botrytis</i> spp.	<i>Colletotrichum</i> spp.	Seedling Plant Health/Cold Tolerance†
<b>Obvius Fungicide Seed Treatment</b>	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
Apron Maxx®	■ ■ ■	■ ■ ■	■ ■ ■	■	■	■	■
Vibrance®	■	■ ■ ■	■	■	■	■	■
Evergol® Energy	■ ■ ■	■ ■ ■	■ ■ ■	■ ■	■ ■ ■	■	■
Mertect® 340-F	■	■	■	■ ■	■	■	■



†Seed treatment applications of Obvius fungicide seed treatment have been associated with more rapid and increased emergence under disease pressure and certain cold conditions. All diseases listed above for each product represent labeled claims as of 6/25/2015. All labels obtained from <http://www.cdms.net/Label-Database>.

**Obvius®**  
Fungicide Seed Treatment

**Always read and follow label directions.**  
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