

Avodigen® biofungicide/bionematicide



SOYBEANS

Enhance Plant Performance and Protection

Get early-season protection against critical fungal diseases and soil nematodes while enhancing root development and drought tolerance with Avodigen® biofungicide/bionematicide.

This biological biofungicide/bionematicide, applied as a seed treatment, goes right to work by colonizing soybean roots to provide protection against seedling blight caused by *Rhizoctonia solani* and *Fusarium spp.*, and suppressing root knot nematode and soybean cyst nematode.

Its biostimulant activity helps increase plant vigor through robust root and shoot branching. Increased root branching also helps to improve water use efficiency during periods of drought stress. Avodigen biofungicide/bionematicide is compatible with conventional crop protection products, synthetic seed treatments and is both shelf and seed shelf stable for 2 years, making it an excellent tool to biologically enhance plant performance.

QUICK FACTS:

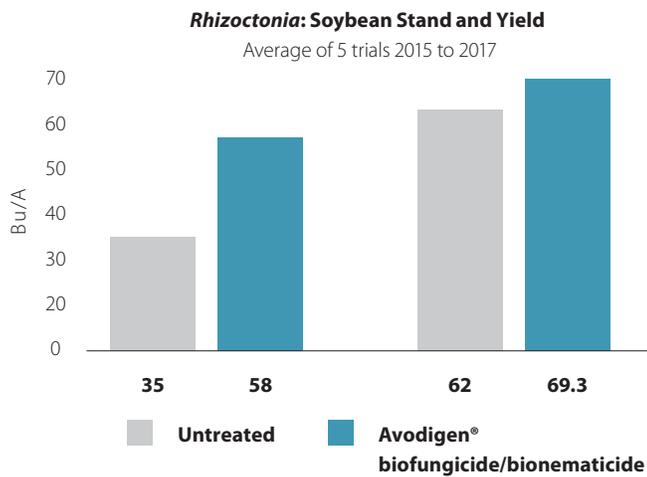
- Suppresses seedling blight, root knot nematode and soybean cyst nematode.
- Colonizes the rhizosphere for season-long effects.
- Helps protect against soil pathogens.
- Enhances plant vigor results in robust root systems and improved drought tolerance.
- Offers a 2-year shelf life and is highly compatible with rhizobial seed treatments and synthetic fungicide and insecticide seed treatments, providing additive benefits when applied with a synthetic base seed treatment.
- Registered for pest claims with the Environmental Protection Agency (EPA).

Soybean Application Information:

- 0.51 fl. oz./140,000 seeds.
- Is uncolored so must be used with synthetic seed treatments containing colorant or have colorant added.

Field Observations:

- Trials show plant vigor with longer, more fibrous roots and seed pod development.



Imagery: Larnep, KS and Macksville, KS — August 25, 2020



Untreated
Root length — 12.1 cm

**Avodigen biofungicide/
bionematicide**
Root length — 21.6 cm

Label Information :

Active Ingredients: *Bacillus licheniformis* FMCH001 and *Bacillus subtilis* FMCH002

Use Restrictions :

- For at-planting seed treatments, treat only those seeds needed for immediate use, minimizing the interval between treatment and planting.

| Application Recommendations | | |
|-----------------------------|---|-----------------------------|
| CROP | EARLY-SEASON PROTECTION OF SEEDLINGS AGAINST INJURY FROM: | APPLICATION RATE |
| Soybeans | Seedling blight caused by <i>Rhizoctonia solani</i> and <i>Fusarium spp.</i> , root knot nematode (suppression) soybean cyst nematode (suppression) | 0.51 fl. oz./ 140,000 seeds |



Untreated
197 pods

Avodigen biofungicide /bionematicide
243 pods

To learn more about AvoDigen biofungicide/bionematicide, contact your FMC representative or visit AG.FMC.COM.

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