

HOWLER®



Introducing Howler® fungicide from AgBiome Innovations, a revolutionary fungicide that harnesses the power of the plant microbiome to create an efficacious fungicide with multiple modes of action that provide preventive, long-lasting activity on a broad spectrum of soilborne and foliar diseases. Howler® fungicide can be used effectively at every phase of production: greenhouse, pre-plant through harvest.

EPA REGISTRATION NUMBER:
91197-3-92488

ACTIVE INGREDIENT:
Pseudomonas chlororaphis strain AFS009

FORMULATION:
Wettable Powder

Target Diseases:

- Botrytis
- Colletotrichum
- Fusarium
- Phytophthora
- Pythium
- Rhizoctonia
- Sclerotinia
- Alternaria
- Pestalotiopsis
- Powdery Mildew
- Downy Mildew



Key Features & Benefits:

- Novel, mode-of-action fungicide for superior control of soil-borne and foliar diseases
- Attacks fungi at multiple sites
- Tank mixture partner to enhance the performance of synthetics and reduce resistance development to these “at-risk” fungicides
- Exempt from US residue tolerances
- 4-hr REI
- 0-day PHI
- Flexible application methods – soil incorporation, drench, drip, foliar, chemigation
- OMRI approved

Key Crops:

- Grapes
- Berries & small fruits
- Cucurbit vegetables
- Fruiting vegetables
- Leafy vegetables & cole crops
- Beans & peas
- Peanut, stalk, stem & petiole vegetables
- Tobacco & other specialty crops
- Tuber & root crops
- Bulb vegetable crops



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Best Management Practice for Mixing Howler® Fungicide:

Howler® fungicide is a 50% wettable powder (WP) formulation. Howler® fungicide can be applied by incorporation, drip or drench applications, chemigation, and foliar.

Howler® Fungicide Rate Recommendations For Control of Soil-Borne and Foliar Disease and in Tank Mixtures:

HOWLER® FUNGICIDE ALONE:

Apply Howler® fungicide at 5 lb/acre.

HOWLER® FUNGICIDE IN TANK MIXTURES:

When Howler® fungicide is tank mixed with a fungicide for control of the same disease(s), apply Howler® fungicide at 2.5 lb/acre + the labeled rate of the tank mixture partner.

Equipment and Procedures for Mixing Howler® Fungicide for Best Results

EQUIPMENT:

- Use a sprayer **with mixing inductor or pre-mix tank**, or pre-slurry and vigorous agitation to ensure thorough mixing

MIXING:

1. Fill spray tank $\frac{1}{3}$ with clean water with vigorous agitation
2. Dispense Howler® fungicide via induction or pre-mix tank
3. Finish filling spray tank to the desired volume
4. Maintain agitation during the application process
5. Allow Howler® fungicide to be mixed before adding other products

MIXING ORDER BY FORMULATION TYPE

- Howler® fungicide WP
- Dry flowables
- Liquid flowables
- Emulsifiable concentrates
- Adjuvants (spreaders, stickers, etc.) and nutrients

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Always read this FIFRA 2(ee) bulletin and the entire label on the product container before using this product.

If compatability is in question, use the Compatibility Jar Test.

