

AgBIOME®

Fungicide

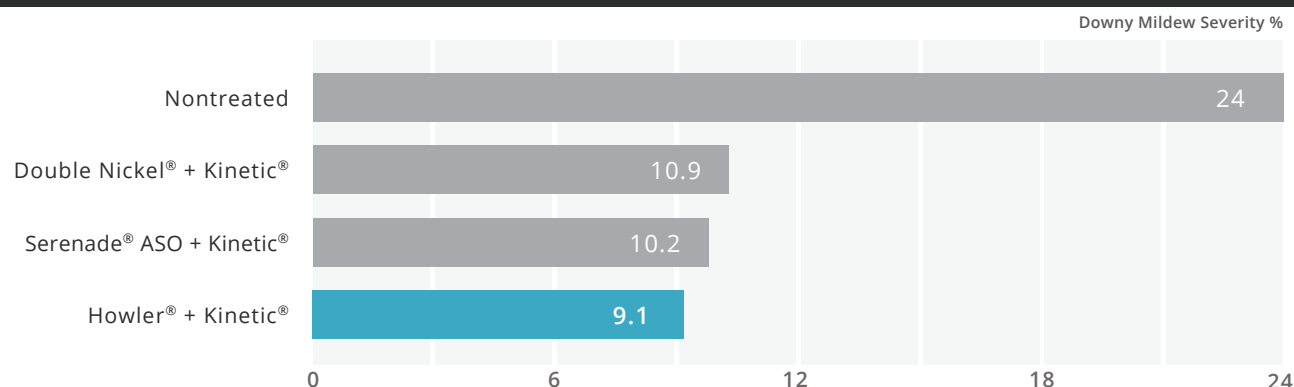
HOWLER®

FOR LEAFY VEGETABLES



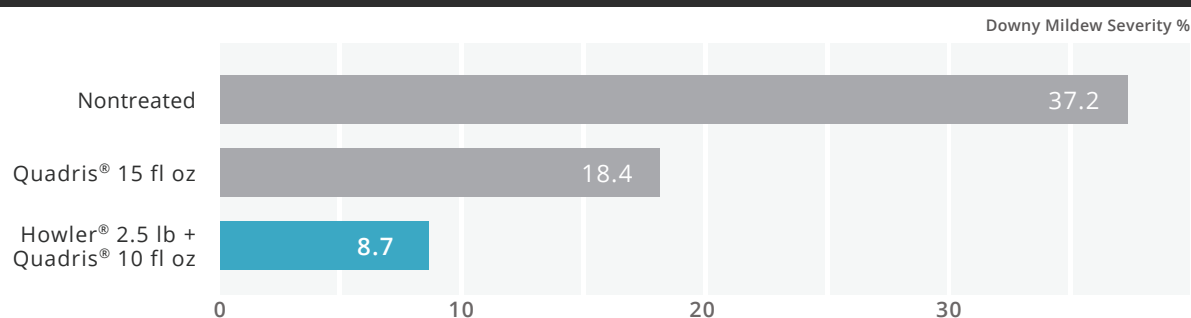
Introducing Howler® fungicide from AgBiome, a revolutionary fungicide that harnesses the power of the plant microbiome to create an efficacious fungicide with multiple modes of action that provide preventive, long-lasting activity on a broad spectrum of soilborne and foliar diseases. Howler® fungicide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

HOWLER® DOWNY MILDEW CONTROL: LETTUCE



Project : FP2019 MZQ. 2019 lettuce 'Carneros' trial. 4-weekly applications initiated at 4-leaf stage on 19 Sept. Final rating. On 17 Oct. Salinas, CA

HOWLER® PERFORMANCE FOR LETTUCE DISEASES



Trial ID AGB1918F. 2019 trial for downy mildew (*Bremia lactucae*) control. 4-app on 7-day interval. Rating 6-days after last application.

HOWLER®



EPA REGISTRATION NUMBER:
91197-3-92488

ACTIVE INGREDIENT:
Pseudomonas chlororaphis strain AFS009

FORMULATION:
Dry Flowable

RATE:
5 lbs/acre alone or 2.5 lbs/acre in a tank mix with
another fungicide

Best Management Practice for Mixing Howler® Fungicide:

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

Key Features & Benefits

- Novel mode-of-action fungicide with multiple sites of action
- Superior, broad spectrum control of key soil-borne and foliar diseases
- Compatible with synthetic chemistries either as a tank mix or program partner
- Exempt from US residue tolerances
- 4-hr REI
- 0-day PHI
- Application flexibility – can be applied by soil incorporation, drench, drip, foliar or chemigation
- OMRI approved

Target Diseases:

- Downy Mildew
- Fusarium Wilt
- Rhizoctonia
- Sclerotinia

Equipment and Procedures for Mixing Howler® Fungicide for Best Results:

EQUIPMENT:

Continuous, vigorous agitation is required for dispersion and uniform suspension.

The following methods can improve mixing: Pre-mix tank/mixing inductor, paddle agitation, and pre-slurrying (5 lb in a 5-gallons of water using a paint stirrer)

MIXING:

- Fill spray tank 1/3 with clean water
- Dispense Howler® via induction or pre-tank
- Finish filling spray tank to the desired volume
- Allow Howler® fungicide to be mixed before adding other products

MIXING ORDER BY FORMULATION TYPE:

- Howler® DF
- Dry flowables
- Liquid flowables
- Emulsifiable concentrates
- Adjuvants (spreaders, stickers, etc.) and nutritionals

