GROUP | BM02 | FUNGICIDE

A Full-Spectrum Approach to Crop Protection

Theia® fungicide provides robust, broad-spectrum protection against a variety of foliar and soilborne diseases in cole and other crops. Through multiple modes of action, Theia fungicide blocks fungal, bacterial, and oomycete pathogens and activates crops' natural defenses.

Active Ingredient	Formulation	Recommended Use Rate
Bacillus subtilis strain AFS032321	Dry flowable	1.5-3 lb/A

Key Features and Benefits

- High fungicidal and bactericidal activity provides return on investment, fewer SKUs, and peace of mind
- Multiple modes of action for robust broad-spectrum control and low resistance risk
- 4-hour REI and 0-day PHI give harvest flexibility and worker protection
- U.S. residue tolerance exemption and no MRLs fit with food value chain and exports
- Robust formulation with excellent (2 year) shelf life and no special storage requirements
- Compatible with chemicals, adjuvants, and antibiotics for tank mix flexibility
- OMRI listed for use in organic in addition to conventional cropping systems

Target Diseases for Treatment with Theia Fungicide

- Bacterial Blight
- Bacterial Leaf Spot
- Black Rot
- Pythium

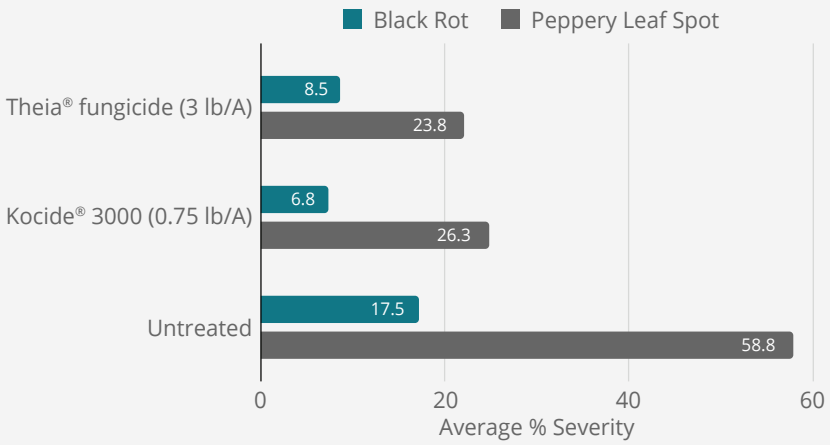
AgBiome

Proof in the Performance

Black Rot in Cole Crops

Black rot is caused by the bacterium *Xanthomonas campestris* and is the most serious disease of cole crops[1].

Collard Black Rot & Peppery Leaf Spot Control with Theia® Fungicide

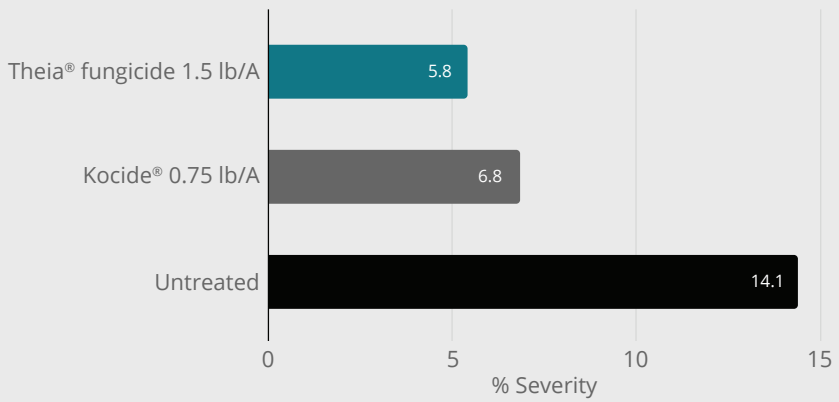


Theia fungicide provided equivalent control to the industry standard Kocide.

2022 Quitman, GA. AgBiome-sponsored trial. Plants inoculated with *Xanthomonas campestris*. 4 applications at 7 day interval. All applications sprayed at 40 GPA with Kinetic at 0.0234% v/v.

Cabbage Black Rot Leaf Spot

Average Percent Severity (61DP-1)



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Quitman, GA, 2022. AgBiome-sponsored trial. *Xanthomonas campestris*. 4 applications at 7 day interval All applications sprayed at 40 GPA with Kinetic at 0.0234% v/v.

[1]Elwakii, W.M., Mossler, M. 2019 "Pest Management Profile: Cabbage." U of Florida. #CIR1256. Accessed 11 Aug. 2022.