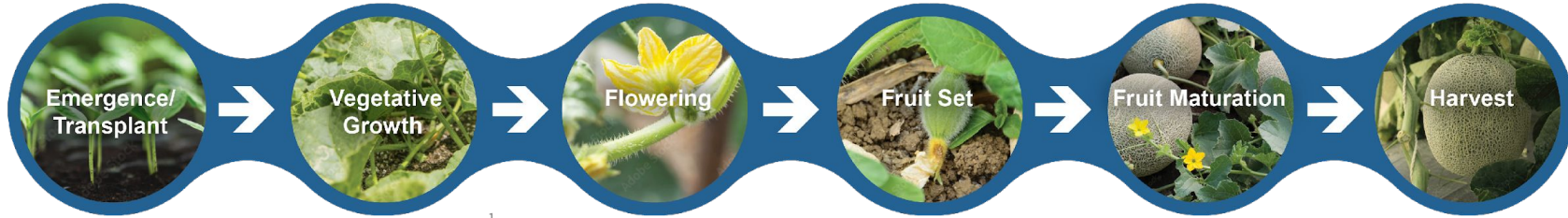


Recommended Program for Cucurbits



Rhizoctonia



Phytophthora

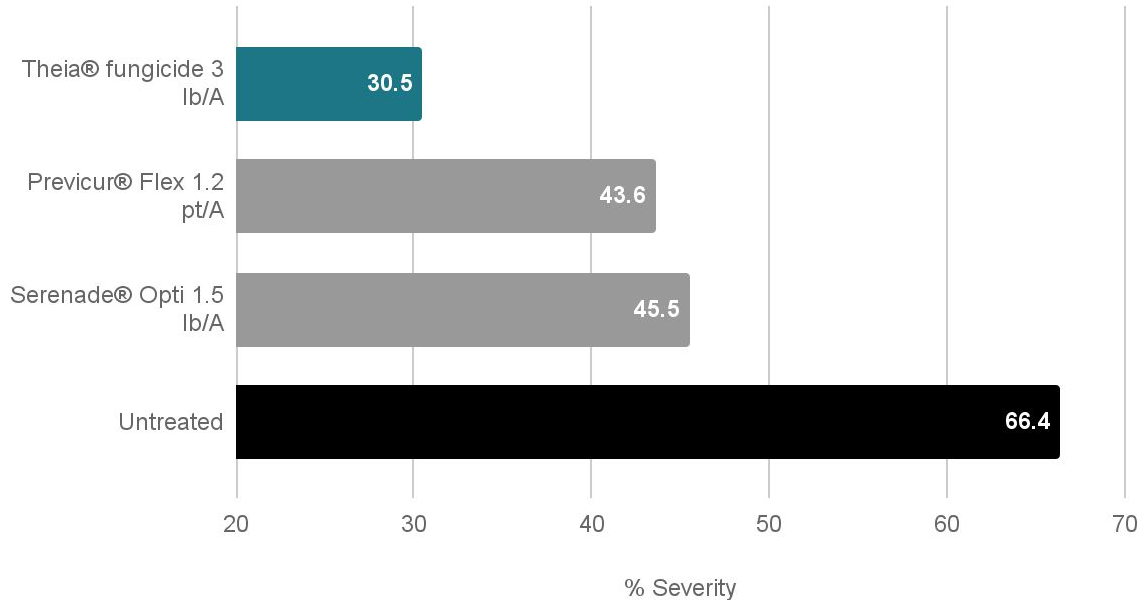
Downy Mildew & Powdery Mildew

Fusarium

Gummy Stem Blight

Theia[®] Fungicide - Squash Downy Mildew

Percent Severity (42 DA-A)

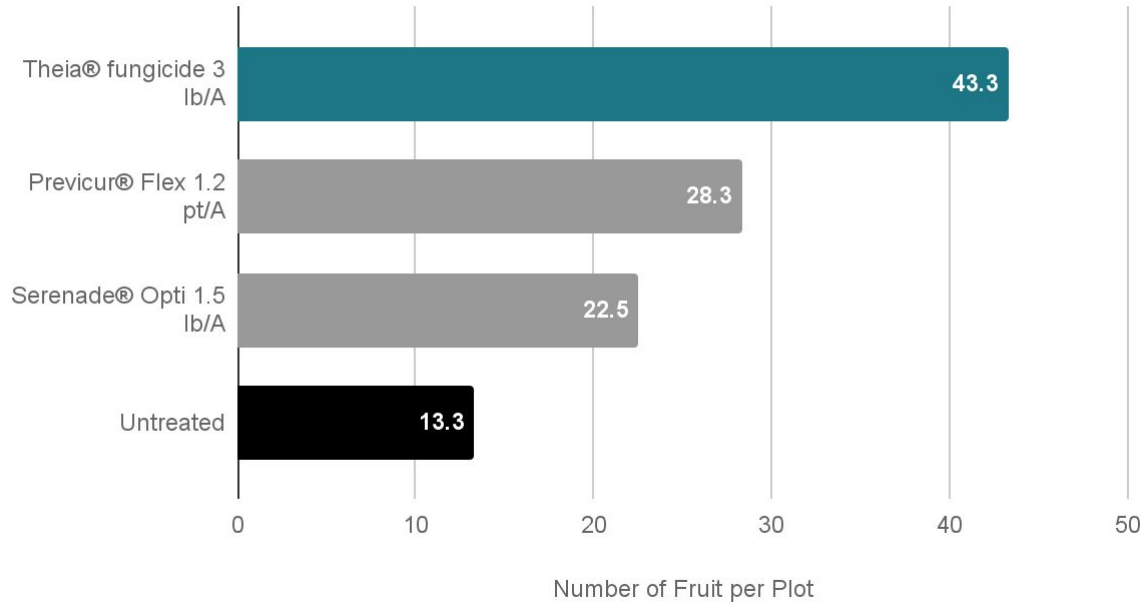


Pseudoperonospora cubensis
Florida, 2021
7 apps, begin prior to infection.
7 day interval for biologicals, 14 day interval for Previcur
All trts with Induce 0.125%
No Phyto
P=0.05

Theia fungicide at 3 lbs gave the best control of downy mildew.

Theia[®] Fungicide - Squash Downy Mildew

Average Number of Marketable Fruit per Plot (50 DA-A)

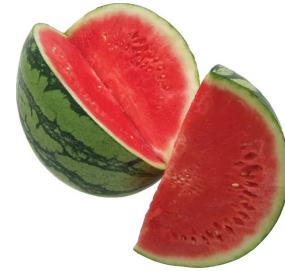
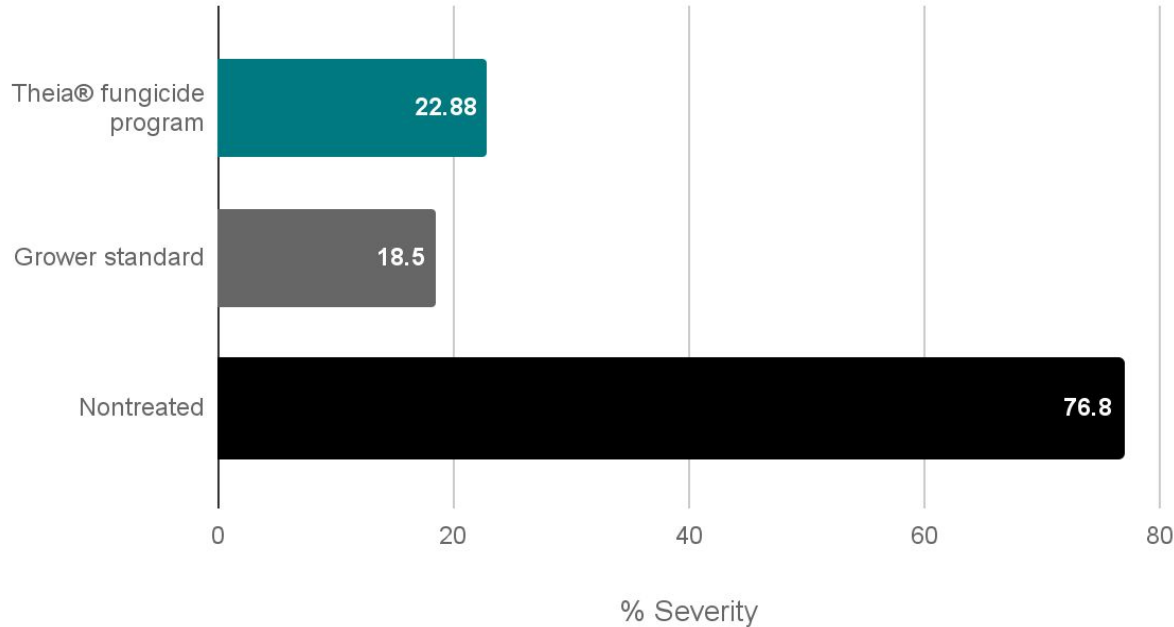


Pseudoperonospora cubensis
Florida, 2021
7 apps, begin prior to infection.
7 day interval for biologicals, 14 day
interval for Previcur
All trts with Induce 0.125%
No Phyto
P=0.05

Theia fungicide at 3 lbs had the highest yield.

Theia[®] Fungicide- Watermelon Powdery Mildew

Percent Severity Powdery Mildew (18-Jun)



Site: University of FL, Live Oak, FL, 2021
Crop: Watermelon var 'Fascination' transplanted 09-Apr
9-applications on 7-day interval 22-Apr to 18-Jun at 58.8-gpa
Treatments:
Theia[®] Program – Theia[®] 5 lb+Dyne-Amic[®] (1,3,5,7,9), Bravo WeatherStik[®] 3 pt (2,4), Inspire Super[®] 20 fl oz (6), Torino[®] 3.4 fl oz (8)
Grower Standard Program – Bravo[®] 3 pt (1,2,3,4), Inspire Super[®] 20 fl oz (5,9), Quintec[®] 6 fl oz (6), Switch[®] 14 oz (7), Torino[®] 3.4 fl oz (8)

Theia[®] program provided great powdery mildew control

Theia[®] Fungicide - Powdery Mildew



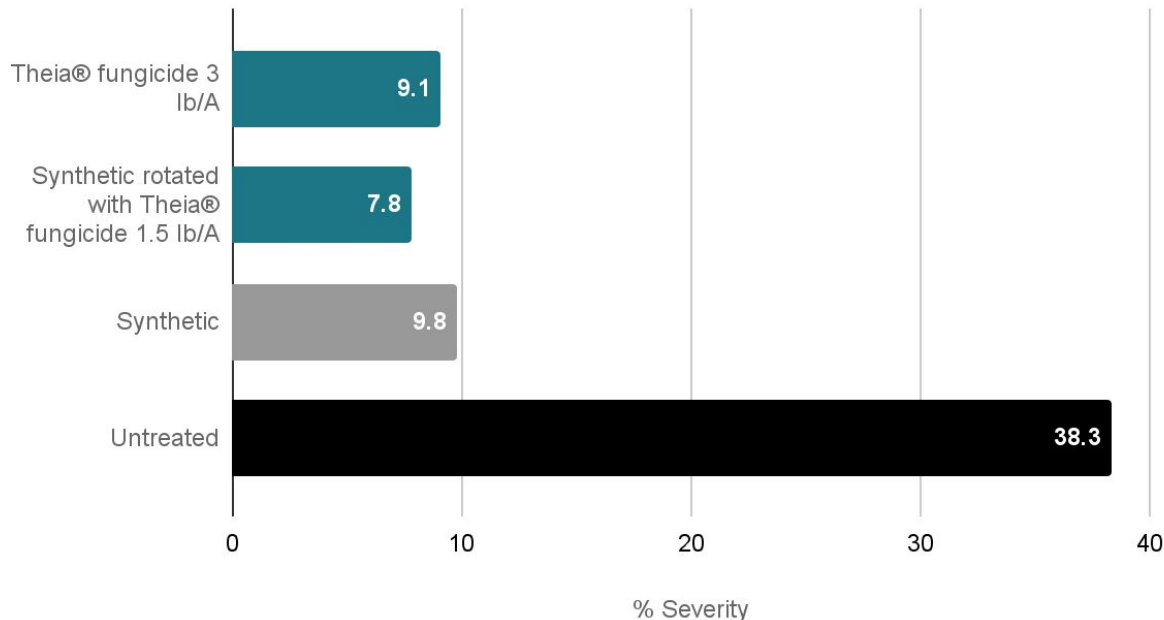
Nontreated



Theia[®]Program

Theia[®] Fungicide - Powdery Mildew

Average Percent Severity (n=3)

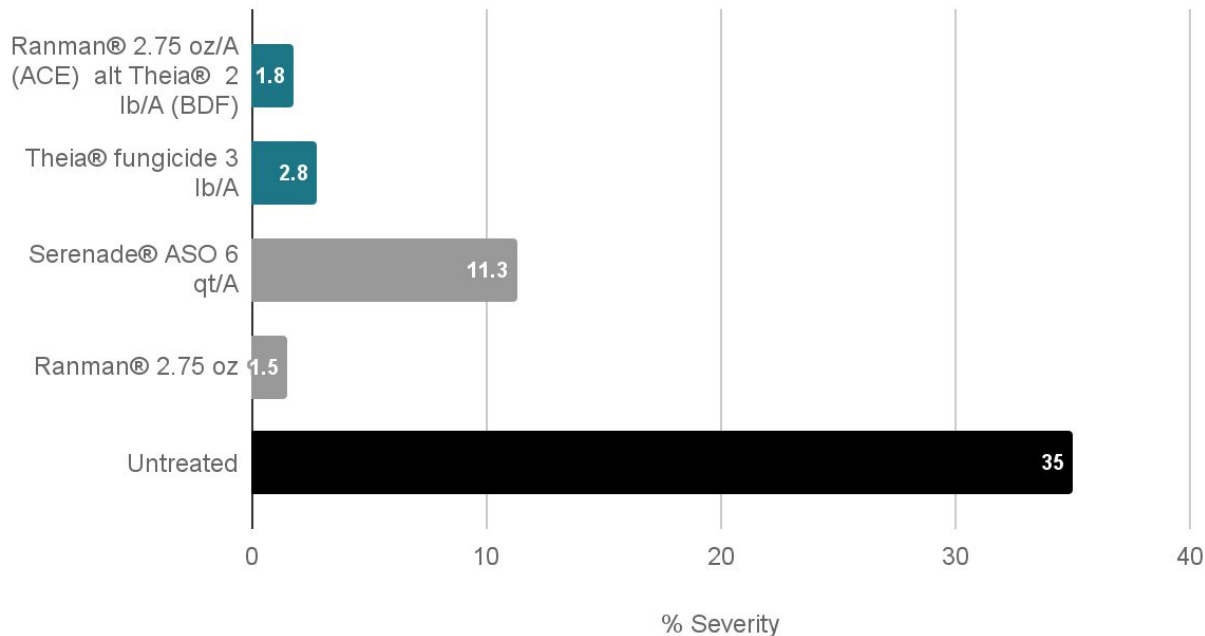


Golovinomyces orontii
Watermelon and squash
California (2), Mexico, 2020
5 apps, begin prior to infection.
7 day interval
All trts with NIS adjuvant
No Phyto
P=0.05

Theia fungicide at 3 lb statistically similar to synthetics in these trials

Theia® Fungicide - Cucumber *Phytophthora capsici*

Percent Severity (21 DA-A)

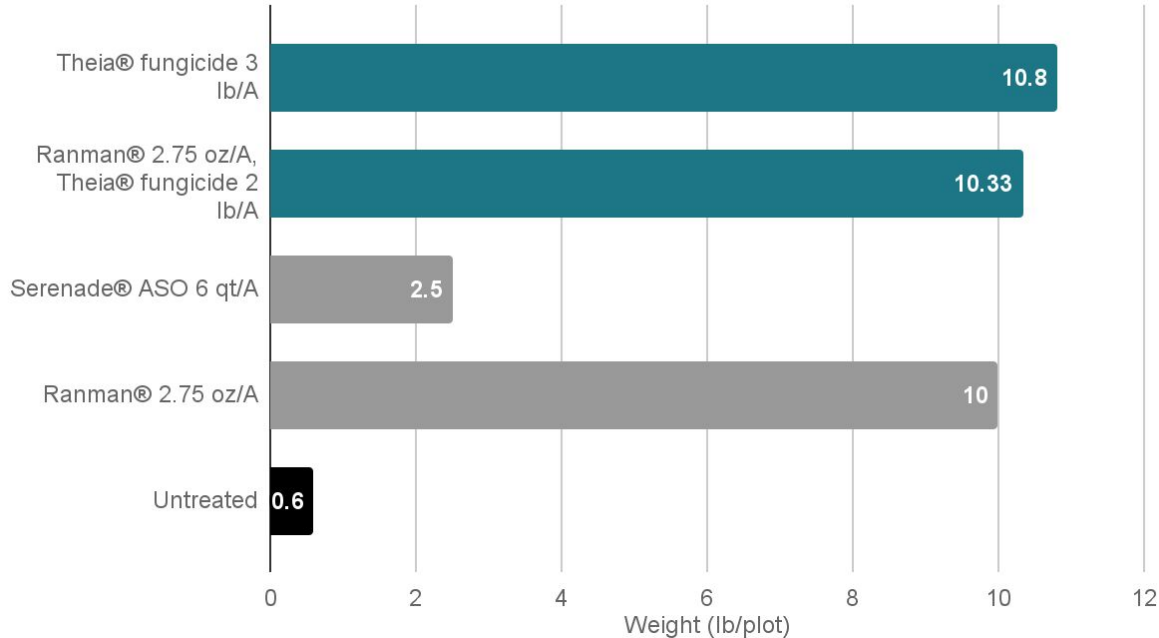


Phytophthora capsici
Field Trial. Georgia, 2021
6 foliar applications on 7 day interval.
Inoculated
No Phyto
P=0.05

Theia at 3 lb was very effective, Theia was effective in rotation

Theia[®] Fungicide- Cucumber *Phytophthora capsici*

Average Fruit Weight per Plot (lb) (35 DA-A)

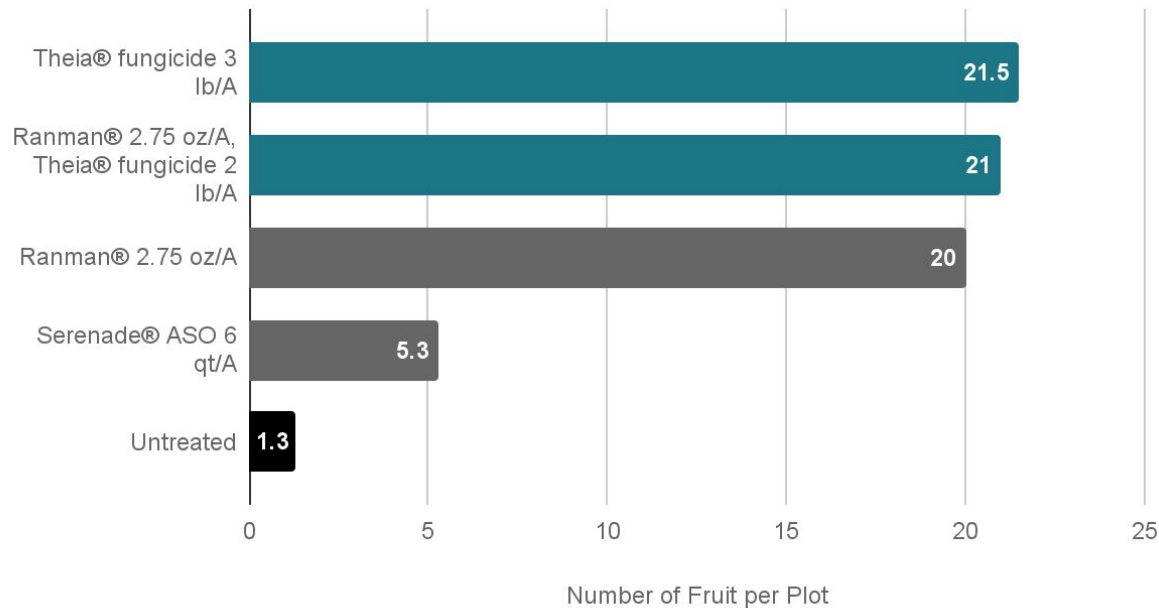


Phytophthora capsici
Cucumber
Georgia, 2021
6 apps, begin 10 d before flowering
7-10-day interval
All trts with Dyne-amic adjuvant
No Phyto
P=0.05

Theia fungicide had statistically similar fruit weight to synthetics

Theia® Fungicide- Cucumber *Phytophthora capsici*

Average Number of Fruit per Plot (35 DA-A)

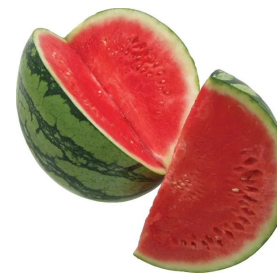
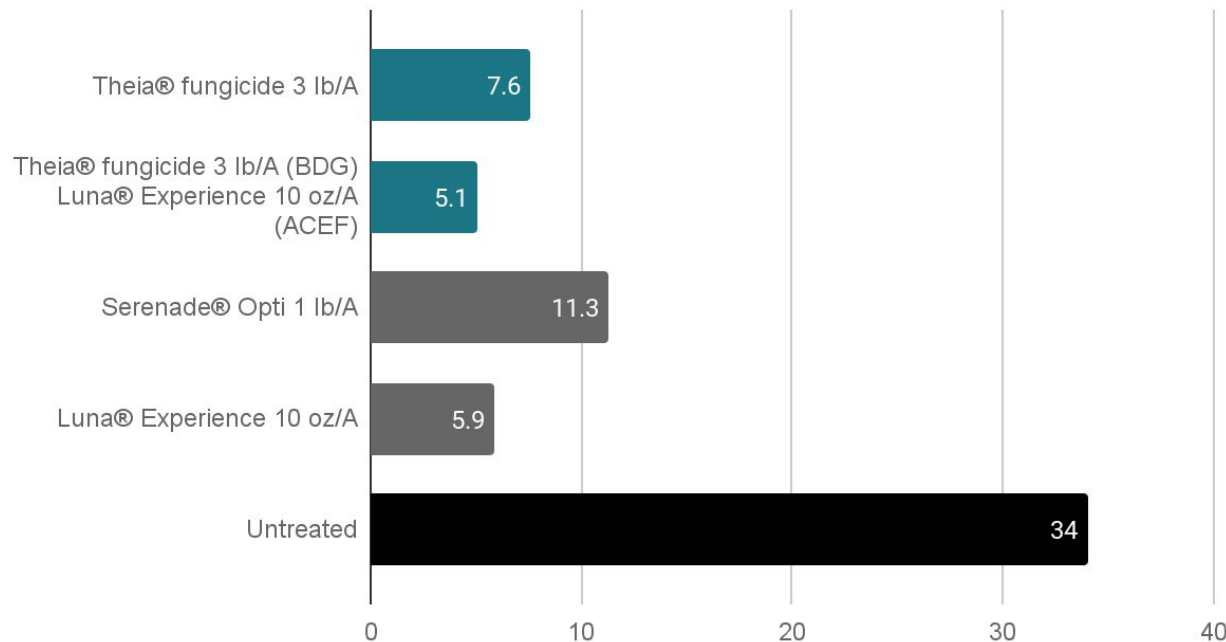


Phytophthora capsici
Cucumber
Georgia, 2021
6 apps, begin 10 d before flowering
7–10-day interval
All trts with Dyne-amic adjuvant
No Phyto
P=0.05

Theia fungicide performed similar to the standards

Theia[®] Fungicide - Watermelon Gummy Stem Blight

Average % Severity of Gummy Stem Blight

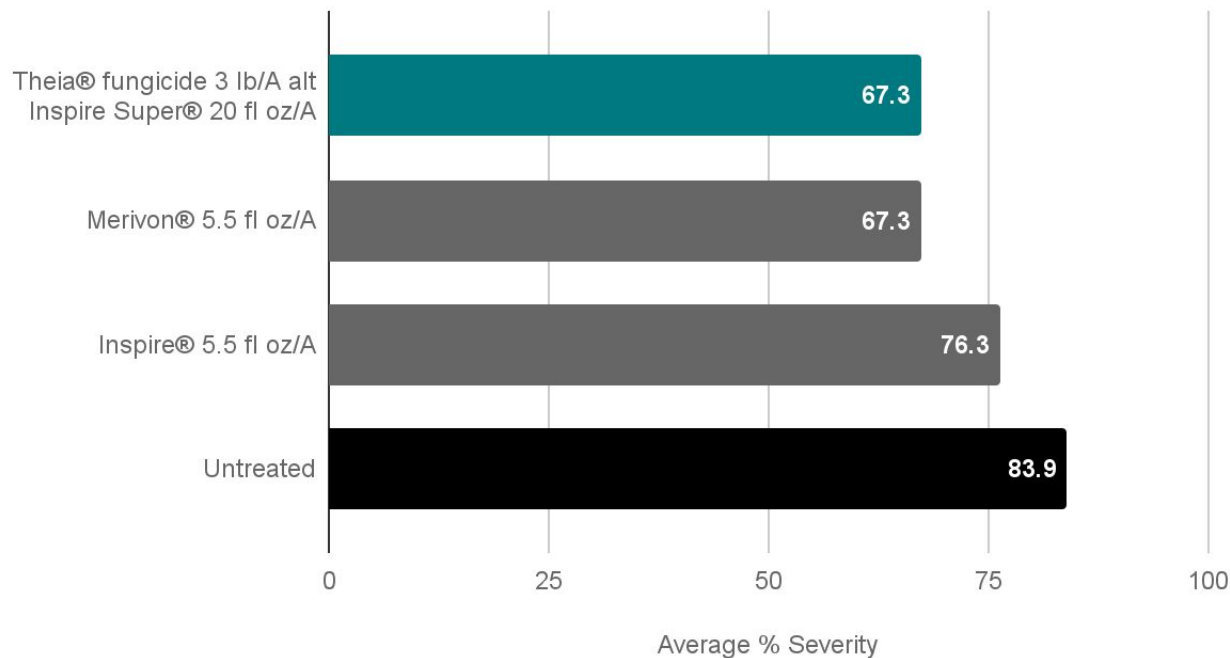


Didymella bryoniae
Mexico, Georgia, 2020
7 apps, begin prior to infection.
7 day interval
All trts with NIS adjuvant
No Phyto
P=0.05

Theia fungicide at 3 lb was similar to Luna Experience.

Theia[®] Fungicide- Watermelon Powdery Mildew

Average Percent Severity of Powdery Mildew



Site: Quincy, FL, Univ of FL, M. Paret, 2022
'Sentinel' variety watermelon transplanted
23-Mar
9-foliar apps at 46-gpa 28-Apr to 01-Jul
Disease severity rating 01-Jul

Theia fungicide program provided powdery mildew control equal to Merivon

Theia[®] Fungicide-