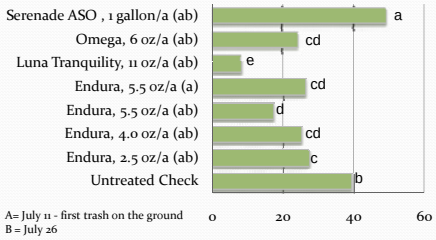
White Mold Fungicides

- 2,6-dinitro- anilines Group 29
  - Omega (+Late Blight)
- Thiophanates Group 2
  - Topsin

Other Labeled Products
Blocker
Serenade

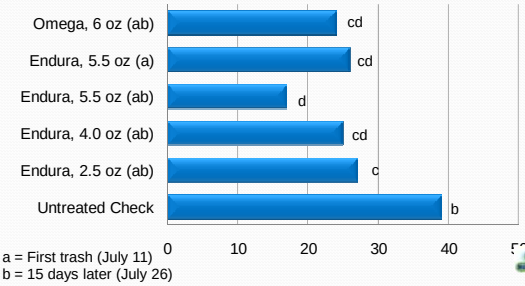
- Carboxamides – Group 7
  - Endura (+early blight)
  - Luna (+early blight)
- Dicarboximides Group 1
  - Rovral

Effect of White Mold Programs on White Mold Severity - 2008



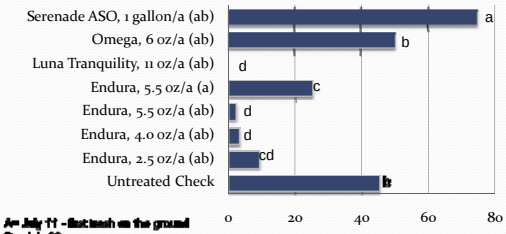
A= July 11 - first trash on the ground
B = July 26

Effect of White Mold Programs on White Mold Severity - 2008



a = First trash (July 11)
b = 15 days later (July 26)

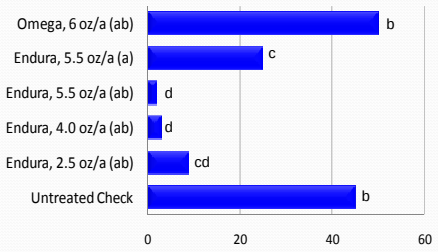
Effect of White Mold Programs on Early Blight Severity - 2008



A= July 11 - first trash on the ground
B = July 26

Evaluated August 20

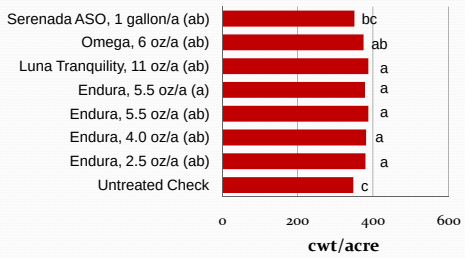
Effect of White Mold Programs on Early Blight Severity - 2008



a = First trash (July 11)
b = 15 days later (July 26)

Evaluated August 20

Effect of White Mold Control on Yield - 2008

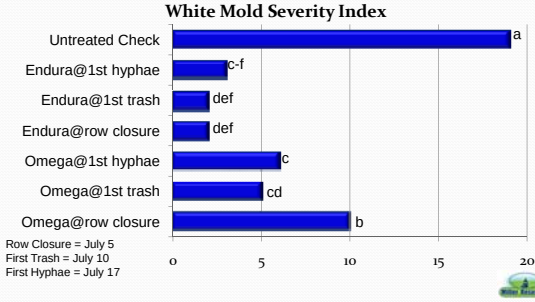


White Mold Trial

Disease severity in the untreated check:

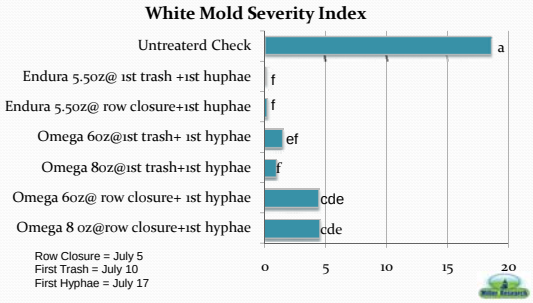
- 87% of the stem were infected
- 100% of the plants infected
- 39% of the entire plant was dead or dying

Single application - Chemigation Moderate Disease Pressure - 2006



Row Closure = July 5
First Trash = July 10
First Hyphae = July 17

Single application - Chemigation Moderate Disease Pressure - 2006



Row Closure = July 5
First Trash = July 10
First Hyphae = July 17

Conclusions

- 1- Two applications are better than one
- 2- Endura slightly better than Omega
- 3- Endura also controls early blight
- 4- Omega also controls late blight

- 5- Some control of white mold with Endura at the early blight rate of 2.5 oz/a
- 6- First application best at first trash
- 7- Second application 7-14 days later
- 8- Best control may not be timed for best control of early blight

Caution about late blight

- Endura/Luna are not strong against late blight.
  - Great on early blight
  - Great on white mold

Products for White Mold Control

- Endura
- Omega
- Luna Tranquility

Luna is not currently labeled and the rates have not been fully defined

- Others labeled
  - Rovral
  - Blocker
  - Serenade
  - Topsin