



"Serata[®] is simply the best product I've ever used for Pythium Root Rot. The new mode of action and longevity of picarbutrazox make it an absolute game changer. Serata[®] will always be a staple in my fungicide program."

James Carroll
Director of Agronomy
Shoal Creek Country Club

"I think that Serata[®] fungicide is going to be a game changer for the golf course superintendent because it brings something that's as effective – or in some cases more effective – based on what we've seen in our Pythium trials."

D. McCall, Ph.D.
Virginia Tech University

"We applied Serata[®] to greens that always had issues with Pythium Root Dysfunction and Pythium Root Rot. I was amazed at the results. To have new mode of action to combat Pythium diseases that works as well as Serata is much needed and very exciting."

Lee McLemore
CGCS Director of Golf Course Operations
Birmingham Country Club

A NEW MODE OF ACTION. BELIEVE IT.

Picarbutrazox is a new compound from a new class of chemistry, the tetrazolyloximes. It is theorized that picarbutrazox works by effecting the biosynthesis of phospholipids, which disrupts the normal function of the pathogen's cellular membrane.

Picarbutrazox has translaminar activity and no known cross resistance between it and other oomycete chemistries, making it an ideal tool for pythium control and resistance management.

THE LATEST IN PYTHIUM MANAGEMENT

- New mode of action to control Pythium diseases (FRAC Code U17)
- For control of Pythium diseases commonly found in warm and cool-season turfgrasses

PYTHIUM KEY DISEASES:

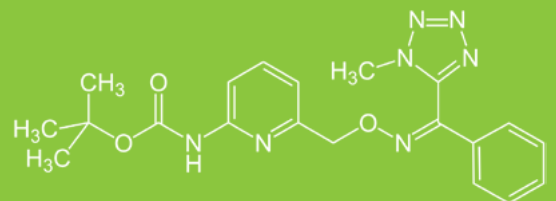
- Pythium Root Rot
- Pythium Blight
- Pythium Root Dysfunction
- Pythium Damping Off

LABELED USE SITES:

- Golf Courses
- Sports Turf
- Lawns and Landscape Areas
- Other Sites as Listed on Label

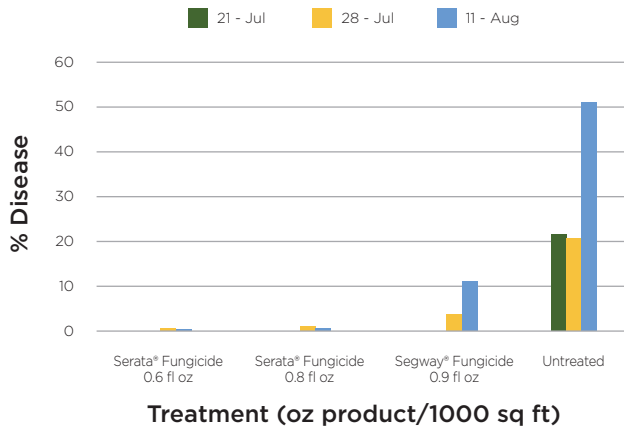
LABELED USE RATES:

- 0.6 oz - 0.8 oz/ 1000 sq ft
- 26 oz - 35 oz/ acre



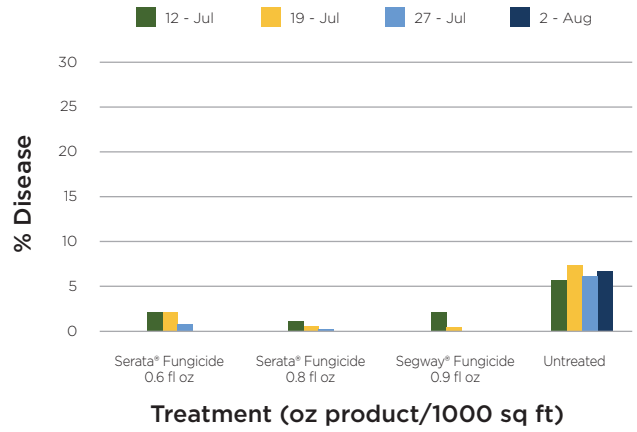
Picarbutrazox

Pythium Root Rot Control



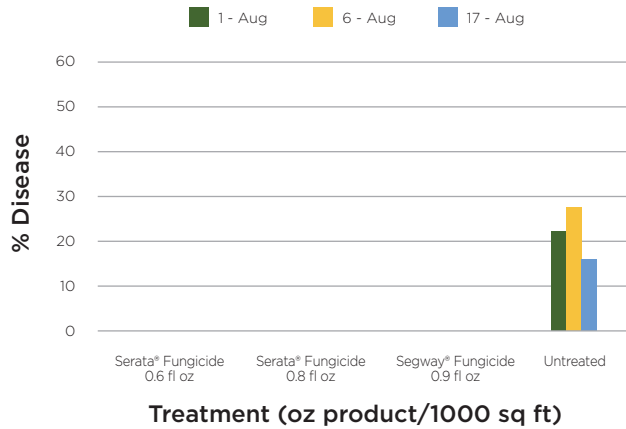
J. Kerns, Ph.D.
NC State Univ.
Initial applications made June 3, 2020
14 Day Interval - 6 applications
'Dominant Plus' Creeping Bentgrass Green

Pythium Root Rot Control



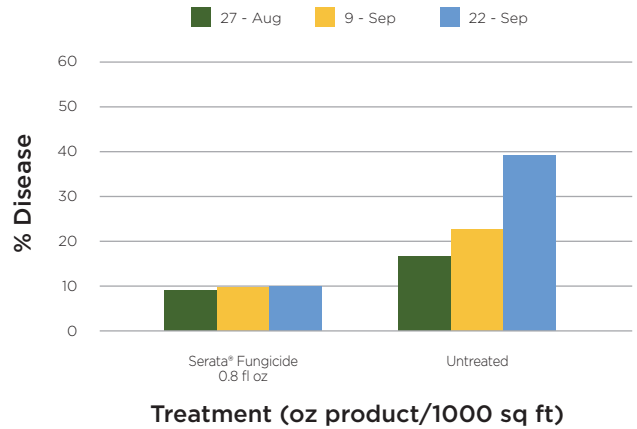
D. McCall, Ph.D.
Virginia Tech Univ.
Initial applications on May 25, 2021
'L93' Creeping Bentgrass Putting Green
14-Day Interval - 7 applications

Pythium Blight Control



J. Kaminski, Ph.D.
Penn State Univ.
Initial applications on July 9, 2021
Perennial Ryegrass Fairway
14 Day Interval
LSD p = 0.05 (Means separation are specific to rating date)

Pythium Root Rot Control (Curative)



J. Roberts, Ph.D.
Clemson Univ.
Initial applications on August 12, 2021
Creeping Bentgrass Putting Green
14 Day Interval

Field Plots from the NC State Trial



0.8 oz. / 1000 sq. ft. Serata* Fungicide



Untreated

J. Kerns, Ph.D.; NC State University, 2020

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