



*"Picarbutrazox 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. Picarbutrazox 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

### 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

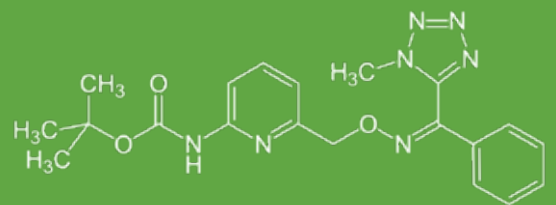
- New mode of action to control Pythium diseases (FRAC Code U17)
- For control of Pythium diseases commonly found in warm and cool-season turfgrasses

### PYTHIUM KEY DISEASES:

- Pythium Root Rot
- Pythium Root Dysfunction
- Pythium Blight

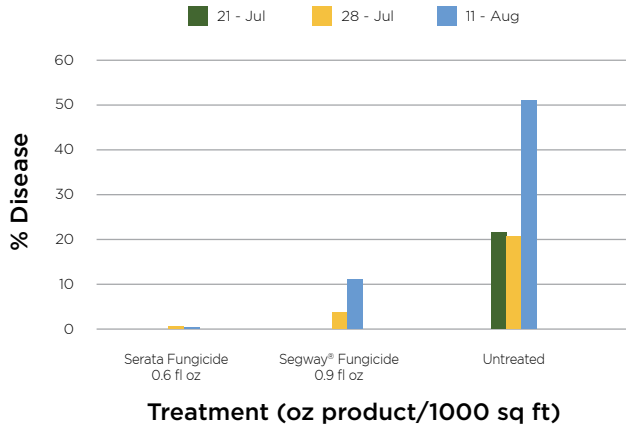
### LABELED USE SITES:

- Golf Courses
- Industrial Lawns
- Commercial Sites



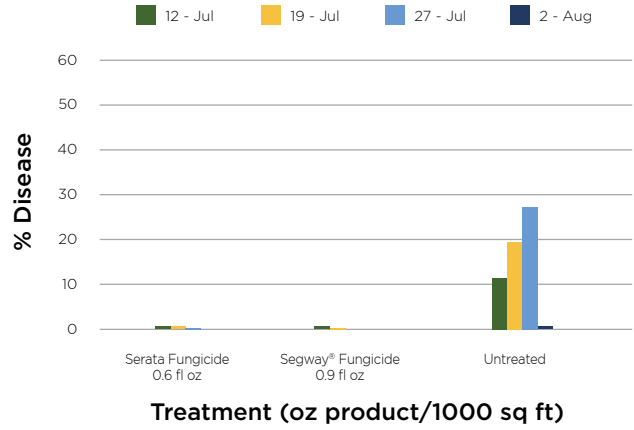
Picarbutrazox

### Pythium Root Rot Control



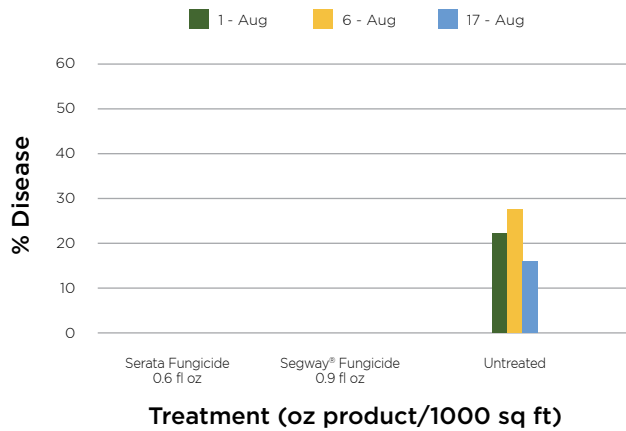
J. Kerns, Ph.D.  
NC State Univ.  
Initial applications made June 3, 2020  
14 Day Interval - 6 applications  
'Dominant Plus' Creeping Bentgrass Green

### 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)

*"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

### Field Plots from the NC State Trial



0.6 oz. / 1000 sq. ft. Serata Fungicide



Untreated

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

Always read and follow all label directions, restrictions, and precautions for use. Some products may not be registered for sale or use in all states. FMC, the FMC logo, Serata, and True Champions are trademarks or servicemarks of FMC Corporation or an affiliate. Segway is a trademark of PBI-Gordon Corp. ©2022 FMC Corporation. All rights reserved.

**SERATA**<sup>™</sup>  
FUNGICIDE

FMC  
**TRUE CHAMPIONS**