

PristineFlora™ Zoysia

Breeder Research Report

Presented at the New Grasses Field Day

December 6, 2005

Avon Park, Florida

Summary:

Dr. Brian Scully presented his findings as the University of Florida's lead scientist in the development of PristineFlora™ Zoysia.

Dr. Scully found that PristineFlora™ Zoysia, when compared to Emerald Zoysia, had a slightly wider leaf width, shorter leaf length, shorter node length, dramatically fewer seed heads and a faster grow-in rate for sod production.

## Zoysiagrass Breeding Program



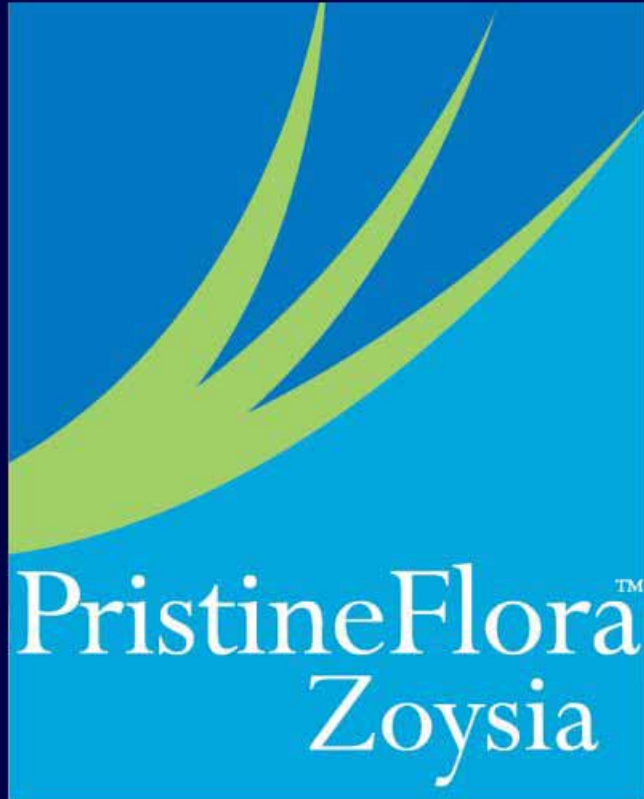
### “Broad Leaf” Type- *Zoysia japonica*

Research Group: Scully, Nagata, Cherry, Trenholm & Unruh  
Regional Testing: Arcadia, Gainesville & Milton  
Group defined by ‘Meyer’ released in 1952

### “Narrow Leaf” Type- *Zoysia japonica* X *Z. Tenuifolia*

Research Group: Scully, Nagata, Cherry, Trenholm & Unruh  
Regional Testing: Arcadia, Gainesville & Milton  
Group defined by ‘Emerald’ released in 1955

**“Narrow-Leaf”  
Zoysiagrass**

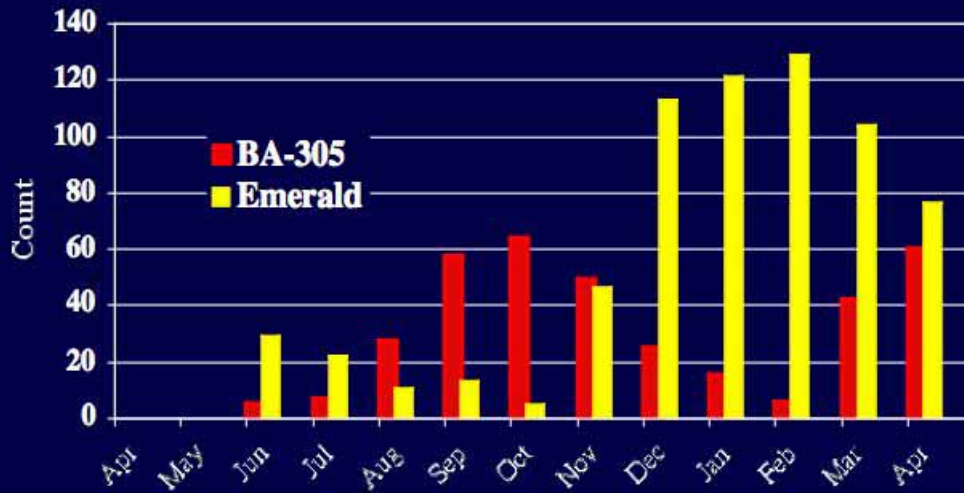


## **“Narrow-Leaf” Zoysiagrass**



## Seed Head Development - Zoysia

Comparison of BA-305 ('Pristine') vs 'Emerald'



## "Grow-In" Rates

Comparison of BA-305 ('Pristine') vs 'Emerald'



# Leaf Morphology- Zoysia

Comparison of BA-305 ('Pristine') vs 'Emerald'

