

Evaluation of Aquatrols Sixteen90[®] on Bermudagrass Recovery from Water Stress

(University of Florida, Ft. Lauderdale, 2001)

Research Cooperator: Dr. John Cisar

Objective: To evaluate the effectiveness of Aquatrols Sixteen 90 on improving visual quality of stressed Bermudagrass.

Study Details

Location:

FLERC, Ft Lauderdale, FL

Site Conditions:

- USGA spec research green prone to localized dry spot (LDS).
- Bermudagrass maintained for greens conditions.

Treatments:

- Aquatrols Sixteen90 – 8 oz/1000 ft² in 2 gal water (25 L/Ha in 815 L water) applied twice - 1 week apart
- Untreated Control
- Treatments were watered in with approximately .25 in (6 mm) irrigation immediately following application.

Test period:

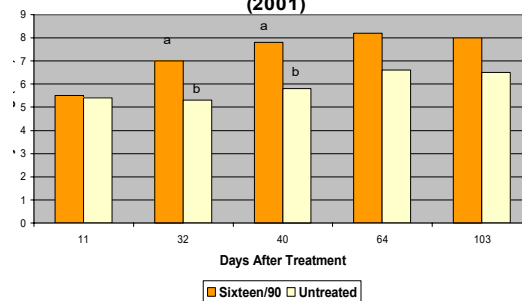
- Initial applications were made April 9, 2001
- Observations were continued through....

Evaluations:

- Turfgrass quality

Bermudagrass Quality

Figure 1. Enhanced Bermudagrass Recovery (2001)



Results

- Aquatrols Sixteen90 treatments resulted in significant improvement in Bermudagrass quality.
- Quality ratings in the untreated plots remained virtually unchanged.
- Improved quality was maintained for at least 3 months after application compared to the control.

Conclusion

After treatment with Aquatrols Sixteen 90, turfgrass quality rapidly improved and was maintained for over three months.