

Evaluation of Aquatrols Aqueduct for Recovery from Localized Dry Spot (University of Florida, Ft. Lauderdale, 2001)

Research Cooperator: Dr. John Cisar

Objective: To evaluate the effectiveness of Aquatrols Aqueduct as a curative treatment for localized dry spot on 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:

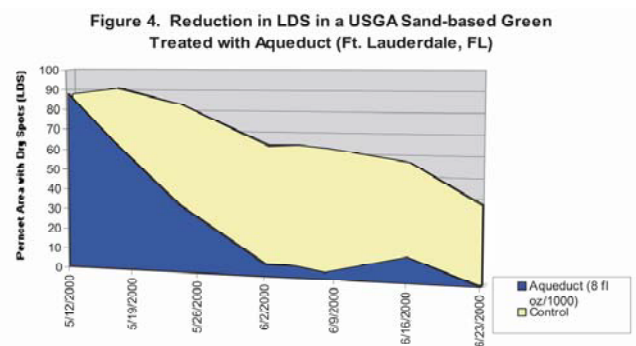
- Aquatrols Aqueduct – 8 oz/1000 ft² in 2 gal water (25 L/Ha in 815 L water)
- Untreated Control

Test period:

- May - June 2000

Evaluations:

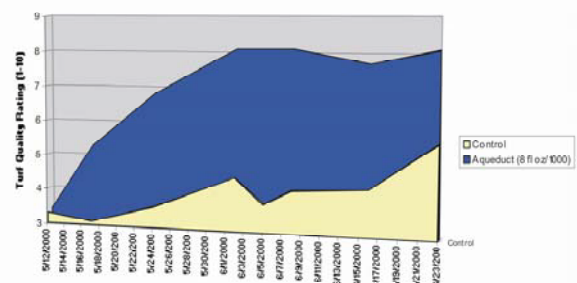
- Percent area affected by localized dry (LDS)
- Turfgrass quality



Results

- Aquatrols Aqueduct reduced localized dry spot by 70+% within 2 weeks of initial application compared to 10% in the control.
- Turfgrass quality improved significantly in plots treated with Aqueduct within 10-14 days.

Figure 5. Aqueduct Improvement in Bermudagrass Turf Quality (Ft. Lauderdale, FL)



Conclusion

Aquatrols Aqueduct is very effective for rapid recovery of turfgrass suffering from localized dry spots.