



# Reduce Leaf Spot with CIVITAS TURF DEFENSE™

## Effective disease control and improved turf quality

Leaf Spot can tend to linger through the slow growing cool months of the year. Give yourself better turf quality and Leaf Spot suppression with the use of CIVITAS TURF DEFENSE.

**Target:** Leaf Spot.

**Solution:** Increase turf quality and disease suppression through applications of CIVITAS TURF DEFENSE.

**Greens:** 17oz. every 14 days of CIVITAS TURF DEFENSE Pre-Mixed.

CIVITAS TURF DEFENSE™ provides excellent control of Leafspot on bermudagrass greens

Product Rate (oz/M)	Product Application	% Diseased Area						
		8/16	8/29	9/15	9/21	10/5	10/13	10/20
	Untreated	3.8 a	8.3 a	8.5 a	9.3 a	10.8 a	15.5 a	18 a
3.6	Chlorothalonil	2.8 ab	5.3 a	3.3 b	3.8 b	4.3 b	2.8 b	5.5 b
6	Mancozeb	3.3 ab	3.5 a	4 b	1.3 b	4.3 b	6.3 b	7.8 b
17	CIVITAS TURF DEFENSE Pre-Mixed	3.8 a	3.5 a	2 b	2.8 b	1.3 b	2.3 b	3.5 b
4	Iprodione + Trifloxystrobin	2 ab	4 a	2 b	2.5 b	2.5 b	3.3 b	3.8 b

Clemson University, Pee Dee Research Center in Clemson, SC  
Tifdwarf Bermuda green, 14-day applications August 12 through September 23, 2011

In University research CIVITAS TURF DEFENSE performed as well as traditional treatments to suppress Leaf Spot. Integrate CIVITAS into your IPM program to get a better hold of this frustrating late season disease.

## MAXIMIZED TURF QUALITY - ENHANCED STRESS TOLERANCE - IMPROVED PLANT PROTECTION



The active ingredient in CIVITAS TURF DEFENSE resembles the natural paraffins found on the surface of leaves and provides a physical barrier that helps prevent fungi from entering the turf plants. In addition, CIVITAS TURF DEFENSE enhances the turfs stress tolerance which increases the plants ability to tolerate both abiotic and biotic stresses.