



Use the CIVITAS TURF DEFENSE™ Turf Management Triangle framework to
**Reduce other inputs and improve efficiencies
in your IPM Program**

The Challenge: Do More With Less

Nurturing growth and protecting your turf is what you do best – and we know that job isn't getting any easier. Maintaining consistently healthy turf takes time, costs money and with the growing pressure to do more with less – less water, fewer chemicals, and fewer dollars – the challenge to maintain high quality turf continues to grow. Incorporating solutions that drive efficiencies in your IPM program is an essential way to tackle this challenge.

The Solution: Incorporate CIVITAS TURF DEFENSE to Improve IPM Program Efficiency

By effectively controlling disease and insects, CIVITAS TURF DEFENSE helps turf become healthier, stronger and less prone to stresses. Incorporating CIVITAS TURF DEFENSE into your IPM program can help you reduce your inputs by:

- Improving the performance of certain tank mix partners which can allow you to decrease to their lowest label rate and/or extend spray intervals while maintaining a high level of disease control.
- Reducing other inputs required in your IPM program related to the plant, pathogen or environment thereby reducing your financial cost.

2009 Dollar Spot Study - Cornell University

Treatment	Disease Control (%)
CIVITAS TURF DEFENSE PRE-MIXED (8.5 oz) – 14 d interval	56.5%
Boscalid (0.13 oz) – 21 d interval	73.7%
Combination – 14/21 d interval	96.8%

The Framework: The CIVITAS TURF DEFENSE Turf Management Triangle

The CIVITAS TURF DEFENSE Turf Management Triangle is an approach to agronomic practices that impacts the third side of the disease triangle: **The Plant**.

Learn More about the CIVITAS TURF DEFENSE Turf Management Triangle at civitasturf.com/triangle

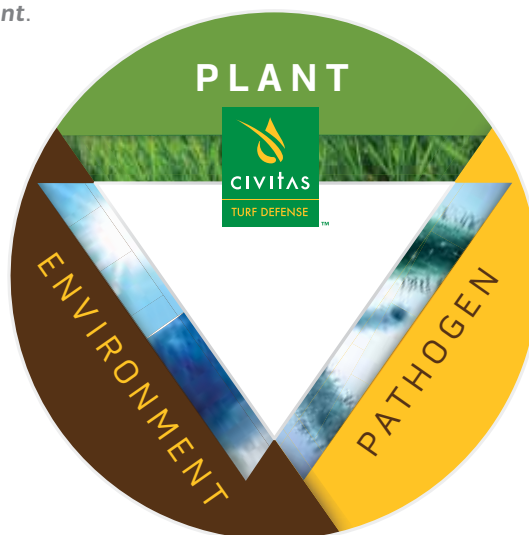
Recommendations to reduce inputs in Your IPM Program:

PLANT

A healthier plant is better able to withstand stress, whether environmental or pathogen related, saving you the time and money to fix damaged turf.

ENVIRONMENT

By utilizing CIVITAS TURF DEFENSE in a preventive approach to disease control, sports turf managers have reported the ability to reduce other inputs required to maintain high quality turf.



PATHOGEN

CIVITAS TURF DEFENSE can improve the performance of certain tank mix partners, which allows you to maintain efficacy while decreasing to their lowest label rate and/or extending spray intervals.

Always read and follow product label instructions. Use of the product that varies in any way from the product label instructions is a violation of federal and state law.

Patent(s): www.suncor.com/patents

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