

Introducing CIVITAS™ Turf Management Triangle

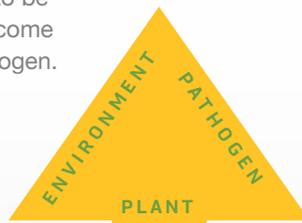
The CIVITAS Turf Management Triangle framework can be applied to a variety of turf challenges including disease control.



Two sides don't tell the whole story

Current IPM practices for managing turf disease focus mainly on modifying environmental conditions or reaching for “go-to” fungi-toxic fungicides to control the pathogen. Until now, managing the plant side of the equation has usually required sodding, seeding or sprigging to renovate to better turf types.

The well-known disease management triangle is formed by the three agronomic factors involved in plant disease: a suitable host plant, the presence of an infectious pathogen (a microorganism that causes the disease), and suitable environmental conditions for the pathogen to infect and grow. To effectively control plant diseases, these three factors need to be managed so that they become less favorable to the pathogen.



Sodding • Seeding • Change Turf Type

Environment:

Assess and employ cultural practices

- Soil: fertilization, aeration, topdressing
- Water: irrigation, drainage, dew removal
- Micro-Climate Modifications: shade, airflow, traffic patterns

Pathogen:

Control pathogen growth and reproduction

- Application of traditional fungi-toxic fungicides
- Minimizing thatch layer to reduce fungal inoculum*

Plant:

Improve overall turf health

- Induced Systemic Resistance mode of action
- CIVITAS delivers effective protection against threats to your turf's health, promoting a healthier plant with improved disease resistance that is less prone to stress.

Addressing *The Plant* completes the Triangle

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

A unique Mode of Action in CIVITAS is Induced Systemic Resistance (ISR). CIVITAS products treat disease and work to prevent diseases from taking hold in the first place. This lessens the time and effort previously required for traditional means of changing the plant itself.

Using the CIVITAS Turf Management Triangle will enhance your IPM program so that you can achieve healthier, stronger turf that is less receptive to stresses.



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TRIAL

Implement the CIVITAS Turf Management Triangle into your IPM program with our Money-Back Guarantee Trial. Visit civitasturf.com/moneybacktrial for details.



The CIVITAS Turf Management Triangle completes disease control

Through proven disease and insect control, CIVITAS promotes turf health and plant protection. In addition, CIVITAS products smother insects and provide a protective barrier that helps prevent insects and pathogens from identifying and using the host plant.

CIVITAS is best utilized as the foundation of a preventative fungicide program. With no known fungicide resistance risk or maximum yearly application restrictions, CIVITAS products can be used consistently throughout the growing season, alone or in a tank mix.

CIVITAS and CIVITAS ONE are OMRI-listed for use in organic turf management.