



When Managing Diseases Think Soil Nutrition!

The Sanctuary Organic Products provide the “Nutritional Energy” that builds and stimulates the native soil microbes. A vibrant, active microbial system enhances the overall soil system. This microbial activity plays a critical role in the soil that translates into improved turf quality. This Sanctuary nutritional benefit provides a bio-competitive environment that can impact disease and stress management of the turf. The Sanctuary products provide the basis for a sustainable system that translates into fewer problems. Shown below are research photos that illustrate the impact on disease incidence when adding the Sanctuary products to your turf fertility program.

Research Protocol:

This study illustrates the benefits of adding Sanctuary products to your nutrient management program in conjunction with fungicides.

CHECK PLOT



FUNGICIDE ONLY PLOT



SANCTUARY + FUNGICIDE PLOT



In Conclusion:

The addition of the Sanctuary products can provide a positive impact on turf quality during stressful periods of disease incidence.

WE WORK WITH NATURE - SPRING, SUMMER, FALL AND WINTER!



DOLLAR SPOT RESEARCH PROTOCOL

Objective:

To determine if the Sanctuary Organic Fertilizers extend, enhance or increase recovery rate of Dollar Spot Control when applied in combination with commonly used turfgrass fungicides.

Research Protocol:

Independent Research Company: Turfgrass Disease Solutions, LLC

Site: Brookside Country Club in Pottstown, PA.

Evaluation Criteria: Color, Density, Quality, and Dollar Spot Incidence & Severity

Turf Type: > 80 %Creeping bentgrass fairway with minor amounts of Annual Bluegrass

Soil: Native clay loam

Application Method: Liquid Broadcast Spray + Granular Application of Sanctuary 8-3-6

Applications: Beginning in late May continuing through Late July

Experimental Design: Randomized Complete Block with a minimum of 3 replications

Treatments: Applied at 21 day intervals Sanctuary 8-3-6, Fungicide, and Sanctuary 8-3-6 + Fungicide.

Results:

This trial was designed to illustrate the benefits of combining Sanctuary with fungicides to improve overall turf quality. These results show how invasive dollar spot incidences can increase over time. The check plot disease incident increased from no disease to over 16% by the end of the trial. The fungicide plot increased from no disease to a continual Dollar Spot outbreak even after repetitive sprays. Whereas, the combination of Sanctuary + Fungicide had no disease incidence during the entire length of the trial.

Dollar Spot is known for its invasive challenge during a full golf season. Traditional fungicide methods offer a good management approach but has its drawbacks - expensive chemical costs, spotty control and other operational limitations. With today's environmental sensitivities, alternative solutions offer both better results and a stronger environmental message.

In summary, Sanctuary 8-3-6 as a nutrient component to your summer management program offers a "Best Management Practice" alternative to improving overall turf quality.

CHECK PLOT



FUNGICIDE ONLY PLOT



SANCTUARY + FUNGICIDE PLOT

