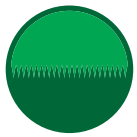


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*Powered by*

**BROAD**  **SPEC**  
TECHNOLOGY

**Dominate Your Game**



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*An environmentally-friendly addition to growing dense turf that's more resistant to pressure.*

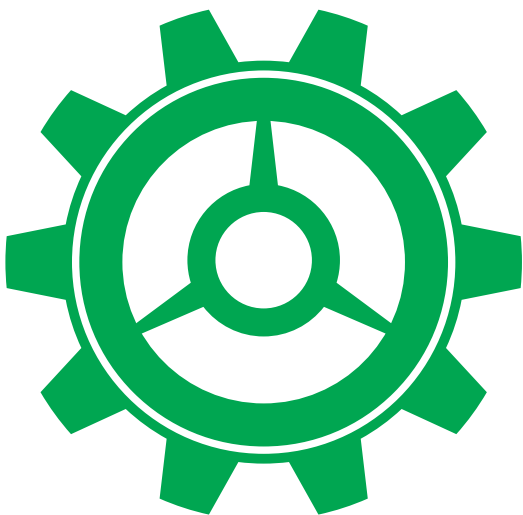
**Experience the resilience of Turf Growth Sciences!**

Turf Growth Sciences, TGS, is a three-product plug-and-play complementary program to what you're already doing. There're no brewing or special storage requirements. No learning curve, just drop it in the tank and it goes to work. It tank mixes with pretty much everything and has been in use on championship golf courses in the west for over 8 years. After committed use, TGS provides fewer signs of pressure, reduced thatch, healthier roots, better colour, and less disease. Things you would expect from healthy turfgrass. It rounds off your existing nutrition program by managing your turf plants' ecosystem.



**Our 3 product system**

*Managing biology balances the peaks and valleys in turf's response to pressure.*



We've discovered biology is the center pin on the gear of turf management. The physical properties, like the rim, can be perfect; the nutrition program can machine perfectly meshing teeth, but the whole gear wobbles if the centre pin is out of shape. It's a small part but a crucial factor that hasn't really been addressed with viable eco-friendly tools until now.

We're not trying to say it's a silver bullet, or anything like that, because fixing the wobbly wheel is in reality just a commitment to soil health. Which is like us, we can't eat one salad and go for one run and declare ourselves healthy. It takes a little time and diligence to get the results. But it's worth it. TGS is an investment that pays long-term benefits.

[ecohealthind.com](http://ecohealthind.com)

## Who's using it?

"Having used Turf Growth Sciences since 2017, I've noticed reduced thatch levels and fewer fertility inputs without sacrificing turf quality. My agronomist recently confirmed this. As a result, I've reduced mechanical aerations and granular inputs, which helps cover the product's cost. 2020 saw the busiest year we had experienced, which carried through the wet winter months into the spring of 2021 with little signs of pressure. These results ensure that Turf Growth Sciences will continue to have a place in my fertility programs."

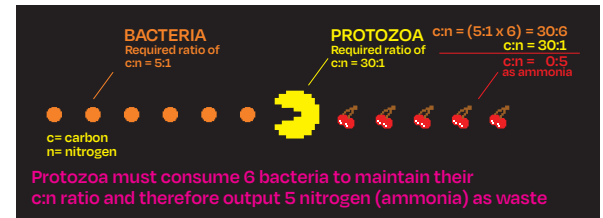
**Dave Fair, Superintendent,  
Northview Golf and Country Club.**

## Two Main things Microbes do

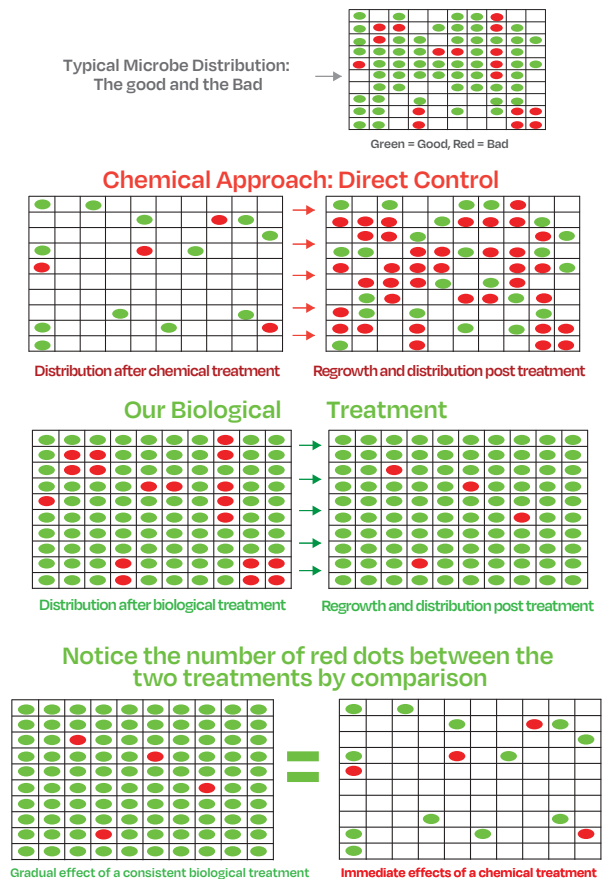
Microbes make enzymes, and organic acids, known as microbial metabolites, to break down plant matter: fantastic nutrient chelators and plant biostimulants. While plant matter is breaking down, the process releases nutrients and compounds that eventually become fulvic and humic acids: great compaction alleviators and nutrient chelators in their own right. Just picture an army of microscopic dethatching machines that never show up late for a weekend shift and don't need direction. If your plants are photosynthesizing, then they're working: Dethatching, mineralizing nutrients, and fighting for food and space with disease organisms. Who wouldn't want that, right?

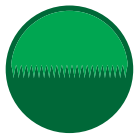
### 1 EXAMPLE OF SYNTHESIZING NUTRIENTS

#### Nitrogen Release Through Soil Protozoan Predation



### 1 EXAMPLE OF COMPETITIVE EXCLUSION





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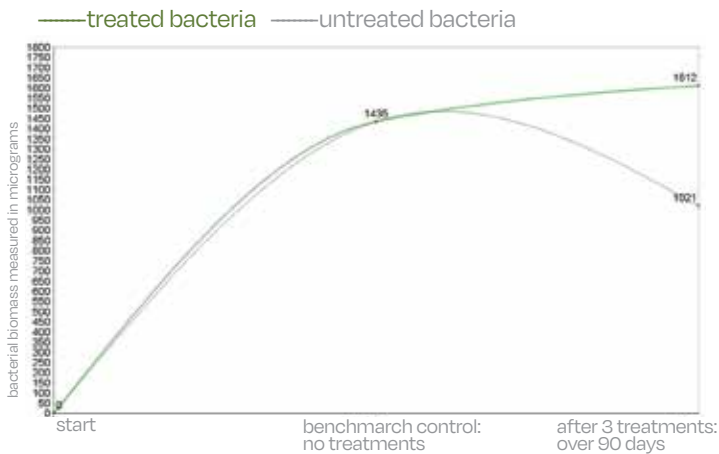
## The science behind our broadspec technology

Eco Health Probiotic Effects

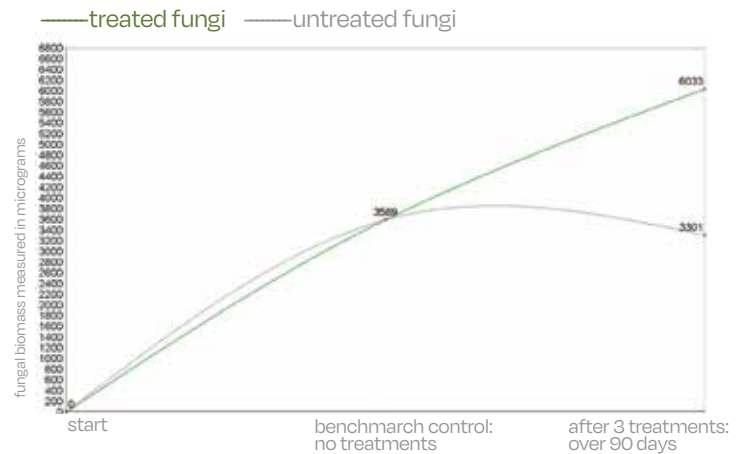
on Soil Foodweb Microbes:

KWANTLEN POLYTECHNIC UNIVERSITY STUDY 2014

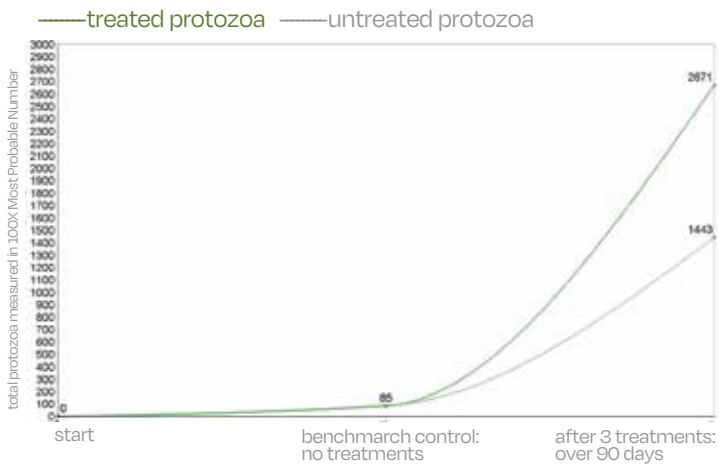
### TOTAL BACTERIAL BIOMASS



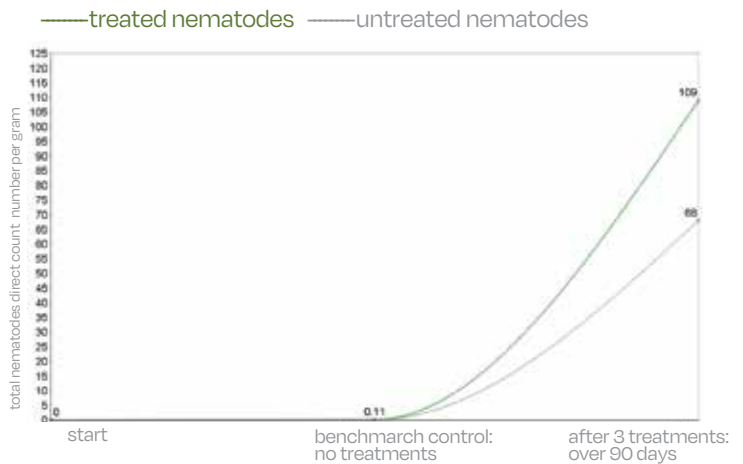
### TOTAL FUNGAL BIOMASS



### TOTAL PROTOZOA



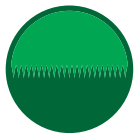
### TOTAL BENEFICIAL NEMATODES



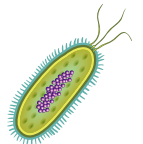
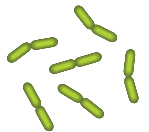
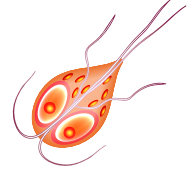
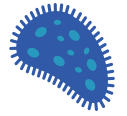
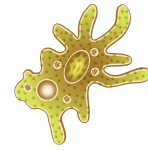
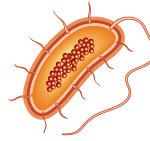
“Beneblok and Restor8 are really user-friendly broad-spectrum biologicals. No refrigeration, no brewing or time-sensitive application windows, no special equipment. Really easy to train my staff to use it; just drop it in the tank, and it works.”

**Reed Grosart, Superintendent, Pagoda Ridge Golf Course.**





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ok, What does it cost?



### Beneblok, Liquid Probiotic

- Treats 135,000 square feet
- \$214.99 per jug
- \$1.59 / 1,000 sq ft / app
- 4 Litre Jug



### Restor8, Soluble Prebiotic

- Treats 135,000 square feet
- \$214.99 per jug
- \$1.59 / 1,000 sq ft / app
- 1.36 Kg Tub



### SinC, Liquid Biostimulant

- Treats 135,000 square feet
- \$84.99 per jug
- \$0.63 / 1,000 sq ft / app
- 4 Litre Jug

## The program cost / season

Greens - 14 apps	\$7209.00, based on 135,000 sq ft
Fairways & Tees - 5 apps	\$832.00 per acre

\* Full course adoption receives a 25 percent discount on all applications



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*As easy as a 2 foot putt!*

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