

THATCH•ZYME®

The first proven sprayable tool for managing thatch: ThatchZyme® harnesses the power of Laccase, a well-researched thatch-degrading enzyme, to accelerate the breakdown of thatch.

Laccase works at the molecular scale by targeting lignin—the tough, slow-to-decompose part of thatch. While soil fungi naturally produce Laccase, its production is suppressed by nitrogen fertilization and other cultural practices leading to concentrations too low to keep pace with the rapid buildup of turfgrass thatch.

ThatchZyme® solves this deficiency by supplying an effective dose of this crucial enzyme into the thatch zone. The result? Effective, non-disruptive thatch management that integrates seamlessly into your existing spray programs.

-
- **Proven in University Field Trials** to accelerate the break down of thatch
 - Offers **less labor and disruption** and improved playability
 - Simple to use and integrates effortlessly into existing turf management programs



TESTED

Tested on **Golf Courses**



PROVEN

Proven in **University Field Trials**



SIMPLE

Simple to spray



THATCH•ZYME®

HOW IT WORKS

The science of THATCH•ZYME

THATCH•ZYME is the first proven sprayable tool for managing thatch. It harnesses the power of Laccase, a well-researched thatch-degrading enzyme, to accelerate the breakdown of thatch. Laccase works at the molecular scale by targeting lignin—the tough, slow-to-decompose part of thatch. While soil fungi naturally produce Laccase, its production is suppressed by nitrogen fertilization and other cultural practices leading to concentrations too low to keep pace with the rapid buildup of turfgrass thatch. THATCH•ZYME solves this deficiency by supplying an effective dose of this crucial enzyme into the thatch zone. The result? Effective, non-disruptive thatch management that integrates seamlessly into your existing spray programs.

HOW TO USE

Spray THATCH•ZYME monthly at 1 litre per acre during the active growing season and water in after application to get the enzymes in contact with the thatch/OM zone. THATCH•ZYME is compatible with common liquid fertilizers, surfactants, and soil sprays. We recommend three consecutive monthly applications to begin. The best results are obtained from season-long spray programs. We recommend evaluating performance by performing OM246 soil testing and evaluating visual changes using a flat soil profiler.

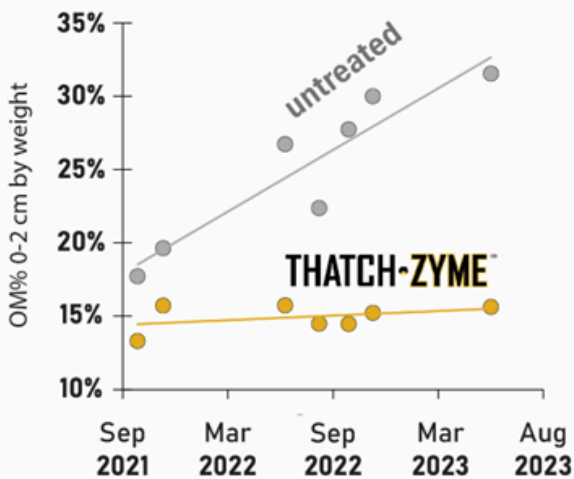


Fig. 1 Shows how THATCHZYME works to manage thatch over time on a Bent/Poa tee

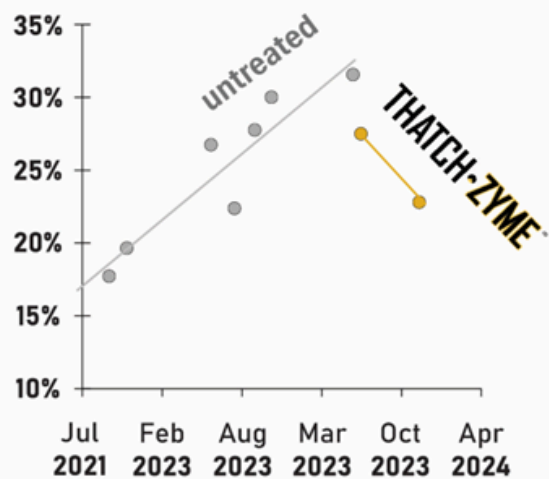


Fig. 2 Next THATCHZYME is used to treat and reverse thatch in the former untreated control plots.



EVERGREEN
BIO INNOVATIONS