



What makes OxyTurf different?

OxyTurf achieves excellent, sustainable results by providing the soil with slow-release oxygen and a patented formula of extracts from a unique blend of naturally occurring plants. OxyTurf stimulates microbial digestive activity, resulting in the reduction of organic build-up and thatch beneath the surface layer.

This high-performance solution kick-starts de-compaction of the soil profile, unblocking pores and improving percolation. Dead zones and

black layer dissipate and are replaced with a revitalised, positive aerobic ecosystem.

OxyTurf enables nutrients, additives and fertilizers to penetrate the soil profile homogeneously, where they are absorbed by the root systems far more efficiently. You can expect roots to increase in length, width and general volume, providing sturdy turf and a better playing surface.



OxyTurf offered us very positive results with a visible reduction in thatch and black layer recorded over two months.

Oitavos Golf Course Portugal
João Nunes | Head Greenkeeper

OxyTurf Highlights:

- Improvement in soil aeration and soil percolation
- Reduction in black-layer, thatch and compaction
- Increased root volume (mass and length)

From the Laboratory

When OxyTurf is applied to the soil substrate a slow, catalase-like emission of oxygen is observed. Activity is enhanced in areas of increased bacterial activity, and in soil with neutral, rather than acidic, pH levels. Most oxygen is produced enzymatically rather than by chemical disproportionation of superoxide, and a clear correlation exists between catalase activity and enzymatic resistance. The production and activation of critical metabolic enzymes are also observed.

OxyTurf and the stimulated microbes break down organic material (carbon-based compounds) in the soil profile, releasing CO₂

and opening up pore spaces in the soil. This improves infiltration and permeability, allowing more air (O₂) to penetrate the soil. These improved aerobic conditions, aided by nitrogen supplied by the recycling of microbial populations, stimulate turf growth. The composition includes extracts from a variety of non-genetically modified plants. The process of extraction is mechanical, using low heating. No toxicity observed in tests, namely Zucchini Germination Index 100% @ 1:24 H₂O dilution; Inhibitor materials <2.00 equitox/m³ Bioluminescence inhib./C5110184 (non-detectable) @ 1:24 H₂O dilution.

OxyTurf. All in one soil and turf solution.

makro
organics

OxyTurf Trials:

CONTROL

TREATED WITH OXYTURF

Turf recovery rate 1 week after Hollow Tining

Turf recovery rate 3 weeks after Hollow Tining

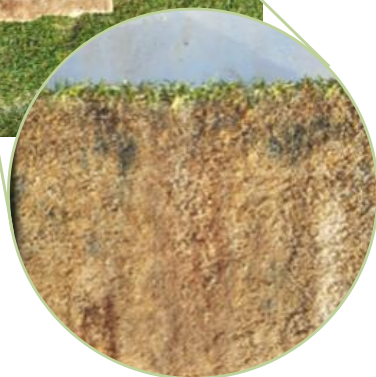


SITE A:
Before (left) and
2 months after (right)

SITE B:
Root length before (left) and
2 months after (right)



SITE C:
Before (left) and
2 months after (right)



Instructions for use:

Turf:

Apply 20L OxyTurf per hectare of turf using a dilution in water between 1:20 (20L per 400L dilution) and 1:60. Apply once per month for standard maintenance and bi-weekly for faster results. For problematic turf with unwanted anaerobic conditions, reduce dilution to 1:10 and apply only to the concerned area weekly.

Hydroponics:

Apply to reticulation system – for fast results 1L OxyTurf to 80m³ water (12.5ppm) and for maintenance 1L OxyTurf to 200m³ of water (5ppm).



OxyTurf™ is the perfect tool in a Turfgrass Manager's arsenal to combat anaerobic soil conditions and reduce the effect of existing problems associated with a poor conditioned soil such as black layer, algae, moss thinned or stressed turf. For a healthier better turf, I recommend OxyTurf™

BoschenMeer Golf Estate

John Peach | Course Manager &
Chairman of the Turfgrass Managers Association of South Africa

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Approved for use in organic systems in accordance
with EC regulation 834/2007 and 889/2008 by
Kiwa Sativa and Organic Farmers & Growers.

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