



WHAT IS OXYTURF?

OxyTurf is a patented liquid blend of naturally occurring plant extracts, using enzymatic biocatalysis, that stimulates positive microbial activity, kick-starts decompaction of the soil and improves its percolation capability, allowing for improved aeration and control of excessive organic matter.

BENEFITS OF OXYTURF APPLICATION

Systematically increases aerobic microbial and enzymatic activity in the soil to fulfill its decomposition role.

Generates a slow and stable catalase-like release of oxygen in the application area, that is sustained in time.

- Allows for a gradual control of excessive organic matter, thatch and black layer, to optimal levels, contributing to improved firmness in surfaces.
- Improves the soil structure allowing for decompaction, percolation and oxygen circulation.
- Leads to improved root development in mass and extension.

SPECIFICATIONS

Sodium (Na)	25,2 mg/L
Potassium (K)	5,9 mg/L
Calcium (Ca)	16,9 mg/L
Hydrogen Peroxide (H ₂ O ₂)	<19,0 h/L (<2%)
Acidity (pH)	7,5
Electrical Conductivity	0,35 mS/cm

Product has been tested for zero toxicology in soil and water in accredited laboratory with germination 100% 1lt and inhibitor materials <2,00 equitox/m³ bioluminescence inhib./C5110184.



HOW TO APPLY

10-20L per Ha

- 1st application, apply 20L of OxyTurf per hectare to the soil surface using a diluted solution of 1:30 to 1:60 in water.
- Repeat this process once a month or bi-weekly until the desired soil condition is achieved.
- For regular maintenance, apply 10L of OxyTurf per hectare once a month to maintain the desired soil condition.

NOTE: It is important to follow the dilution ratio and application frequency as directed to achieve optimal results. Also, ensure soil is damp wet before application.

PACKAGING

20L - IBC 1.000L

ENVIRONMENTAL IMPACT

OxyTurf is derived from natural organic materials and, when used as recommended, has a low environmental impact, as it biodegrades without harmful residue.

COMPATIBILITY

OxyTurf can be used safely in conjunction with all products that do not disrupt beneficial biological interactions within the soil and plant ecosystem.



SAFETY MEASURES



- Causes serious eye irritation.
- Causes skin irritation.
- Keep out of reach of children.
- Read label before use.

PRECAUTIONARY STATEMENTS:

- Wash hands thoroughly after handling.
- Wear protective gear and follow safety instructions.
- IF ON SKIN:** wash with plenty of water.
- IF IN EYES:** rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF SKIN IRRITATION OCCURS:** get medical attention.
- IF EYE IRRITATION PERSISTS:** get medical advice/attention.
- Take off contaminated clothing and wash before reuse.

Illustrative image of the concept

The oxygen diffusion can be facilitated by improved enzymatic activity and superoxide breakdown (source: Hack ten Broeke et al. 2016; Soil)

