

BIOLOGICAL

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TERRABACT

SELECT SOIL BACTERIA

Terrabact is a highly concentrated proprietary blend of beneficial microorganisms designed for use in the soils of intensively managed turf areas such as golf courses and athletic fields.

Terrabact's combination of bacteria strains have been selected for their demonstrated hardiness, aggressive rates of proliferation, and beneficial impact on soils. **Terrabact** is designed to improve:

- **Soil Flocculation**
- **Nitrogen Assimilation**
- **Organic Conversion**
- **Phosphate Solubilization**
- **Secondary Nutrient Availability**

Terrabact competes energetically with pathogens for food sources, thereby reducing their potential for damaging turf.

The multiple bacterial strains in **Terrabact** are all aseptically cultured to preclude contamination by undesirable strains. Its microorganisms promote maximum activity in low and high temperatures as well as in both aerobic and anaerobic conditions.



www.floratine.com

beneficial bacteria

TECHNICAL INFORMATION

Terrabact is a carefully selected blend of beneficial bacteria designed for use on soils with insufficient microbial activity because of excess compaction, poor moisture or oxygen conditions, or nutrient deficiencies or tie-ups. It can be very effective in target specific applications of known microbial deficiencies such as new sand green grow-ins and immediately after fumigation or heavy fungicide applications.

Net Weight: 8.18 lb/gal
0.98 kg/L

Terrabact's aseptically cultured microorganisms are blended to promote activity at soil temperatures above 55 °F (12.8 °C).

Terrabact's best use will be in combination with good cultural, moisture, and nutrient management practices. **Terrabact** should be used in conjunction with **Grofax 33** and **Pervade**. **Grofax 33** provides the beneficial bacteria in **Terrabact** with the nutritional supplement to ensure their health and proliferation in soils. The addition of **Pervade** will assist with soil penetration and deliver stabilized oxygen to excessively compacted or saturated soils.

PROFESSIONAL USE GUIDELINES

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APPLICATION: **Terrabact** can be applied with any type of spray equipment that delivers a fine even spray pattern to the target area. Apply to soil in a spray volume of 60-100 gpa (600-800 L/ha). Water in thoroughly. Do not allow application area to dry out completely at any time. Where soils are highly compacted and/or fairly difficult to penetrate, make an initial application in conjunction with physical remediation methods such as core aeration where material can be sprayed and watered into core holes prior to top dressing. Make routine soil surface applications throughout the entire growing season. Always water in well immediately after application and maintain soil moisture in top inch of soil. Apply when soil temperatures are above 55°F (12.7°C).

RATE OF APPLICATION: Apply 3-6 fl oz / 1000 sq ft (10-20 L/ha) immediately before topdressing.

COMPATIBILITY: **Terrabact** will mix successfully with a wide range of compounds but generally should be applied as a singular product or with a nutritional product such as **Grofax 33**. Do not mix with pesticides (i.e., fungicides, insecticides, herbicides, nematicides, etc.). Do not apply immediately before or immediately after applications of fungicides, nematicides, or nutritional products containing high levels of copper. **Terrabact** can be applied with soil penetrants.



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