



SIMPLOT BIO-MICROBE

The Complete Organic Soil Balancer for Turf

Simplot Bio-Microbe contains a large number of environmental stimulators to assist in the balancing of soil profiles.

Simplot Bio-Microbe also contains technical humic acids, organic carbon, vitamins and trace elements to assist in further microbe population development.

Simplot Bio-Microbe assists in improving soil structure by encouraging the proliferation of micro-fauna and micro-flora and promotes their metabolic activity. This will assist in increasing aeration and water holding capacity of soil. It also improves the conversion (chelation) of a number of elements into forms available to plants to increase nutrient uptake.

Simplot Bio-Microbe helps the soil retain water soluble inorganic fertilisers, providing more efficient use of fertilisers over the season. As it is needed, the soil releases the nutrients to the growing turf, prevent soil leaching.

Simplot Bio-Microbe can show greater root system development as well as helping to promote cell division, cell enlargement, permeability of plant membranes and the growth of various groups of beneficial micro-organisms.

BACTERIA CONTAINED IN BIO-MICROBE

The primary species are Proteobacteria (typical species include Pseudomoma spp., Azotobacter, Rhizobiales spp, Azopirillium), and the Low G+C gram positives (Bacillus spp) as well as beneficial yeasts, amino acids, vitamins and humates.

DIRECTIONS FOR USE: TURF

Rate: 100 - 200 mL / 100 m²

APPLICATION NOTES:

Tees & Greens: 4 - 10 L water / 100 m²
Apply to increase organic status and microbial activity.

PRODUCT ANALYSIS

	w/v%
Humic Acids	12.0
Microbes	1,000,000 - 5,000,000 cfu/mL
Organic Carbon	5.0
Vitamins, Trace Elements	

PRODUCT SPECIFICATIONS

S.G:	1.05
pH (Neat):	9.0 - 10.0
Appearance:	Black liquid
Shelf Life:	3 years

AVAILABLE PACK SIZES & WEIGHTS

5 Litre:	5.5
20 Litre:	22.0
200 Litre:	219.5
1000 Litre:	1130.0