



MANNA

Nature's Advanced
Liquid Fertilizer 10:5:7

WHAT IS MANNA 10:5:7?

Manna 10:5:7 is a highly effective, organic-based sportsturf liquid biostimulant. It is formulated to provide essential nutrients, enhance turf resilience, and improve soil health. The product integrates cutting-edge Genesis C4L technology and a consortium of beneficial Bacillus strains, optimized to support vigorous plant growth.

BENEFITS OF MANNA APPLICATION

- Enhances nutrient uptake and efficiency
- Improves stress tolerance against abiotic and biotic factors
- Promotes robust root development and plant growth
- Increases yield and improves crop quality
- Improves photosynthesis and up and down gene regulation
- Enhances soil structure and microbial activity
- Reduces dependency on chemical inputs

MODE OF ACTION

Manna 10:5:7 works through several mechanisms:

- **Nutrient Supply:** Directly provides essential macro and micronutrients.
- **Root Stimulation:** Amino acids and seaweed extracts enhance root growth and function.
- **Soil Health:** Humic and fulvic acids improve soil structure and nutrient availability.
- **Stress Resilience:** Genesis C4L technology induces systemic acquired resistance in plants, enhancing tolerance to stress and improves photosynthesis.
- **Microbial Enhancement:** Bacillus strains promote a healthy soil microbiome, aiding in nutrient cycling and disease suppression.

CHEMICAL ANALYSIS:

N (Total Nutriegen - DUMAS)	9,7%	Na (Sodium)	477,1 mg/kg	Zn (Zinc)	3%
Fulvic Acid	6,3%	S (Sulphur)	0,15%	B (Boron)	3,4%
Humate	13,3%	P (Phosphorus)	4,6%	Mo (Molybdenum)	7,31%
Ca (Calcium)	3%	Fe (Iron)	9,7%	pH	7.5
Mg (Magnesium)	3,4%	Mn (Manganese)	6,3%	Calculated Carbon	25,39%
K (Potassium)	7,31%	Cu (Copper)	13,3%	Ash	56,34%

COLOUR & APPEARANCE:
Dark brown, homogeneous liquid.

APPLICATION RATE & INSTRUCTIONS

General rate: 10 - 20ℓ per Ha

Application timing: Apply Manna bi-weekly or monthly to optimize nutrient uptake and stress resilience.

Method: Suitable for both foliar application and soil drenching.

Frequency: Bi-weekly, monthly, or as needed based on turf requirements and environmental conditions.

COMPATIBILITY

Manna 10:5:7 is compatible with most common sports turf amenity inputs. However, it is advisable to conduct a jar test or consult with a technical advisor when mixing with other chemical agents for the first time. Avoid mixing with highly acidic or alkaline products without prior testing.



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

