

WHAT IS MANNA 9:4:7?

Manna 9:4:7 is a highly effective, organic-based liquid biostimulant for agriculture. It is formulated to provide essential nutrients, enhance crop resilience, and improve soil health. The product integrates cutting-edge Genesis C4L technology and a consortium of beneficial Bacillus strains, optimized to support vigorous crop growth and yield.

BENEFITS

- **Optimizes Nutrition:** Enhances nutrient availability, absorption, and root development for healthier crops.
- **Boosts Resilience:** Strengthens tolerance to drought, salinity, and pathogens.
- **Increases Yield and Quality:** Promotes higher productivity and superior crop quality.
- **Enhances Soil Health:** Improves soil structure, microbial activity, and overall rhizosphere balance.
- **Supports Sustainability:** Reduces dependency on synthetic fertilizers and chemicals, fostering eco-friendly practices.

MODE OF ACTION

- **Nutrient Supply:** Provides essential macro and micronutrients for optimal crop nutrition.
- **Root Stimulation:** Amino acids and seaweed extracts enhance root development and nutrient uptake.
- **Soil Health Improvement:** Humic and fulvic acids improve soil structure and water retention.
- **Stress Resilience:** Genesis C4L technology induces Systemic Acquired Resistance (SAR), helping plants tolerate stress and optimize photosynthesis.
- **Microbial Enhancement:** Bacillus strains promote a healthy soil microbiome, aiding nutrient cycling and natural disease suppression.

CHEMICAL ANALYSIS:

N (Total Nutriogen - DUMAS)	8.62%	Na (Sodium)	3163 mg/kg	Zn (Zinc)	1310 mg/kg
Fulvic Acid	6%	S (Sulphur)	1.08%	B (Boron)	515 mg/kg
Humate	13%	P (Phosphorus)	4.65%	Mo (Molybdenum)	173.18 mg/kg
Ca (Calcium)	0.04%	Fe (Iron)	1024 mg/kg	pH	3.9
Mg (Magnesium)	0.86%	Mn (Manganese)	793 mg/kg	Calculated Carbon	23.73%
K (Potassium)	6.02%	Cu (Copper)	183 mg/kg	Ash	20.39%

COLOUR & APPEARANCE:
Dark brown, homogeneous liquid.

APPLICATION RATE & INSTRUCTIONS

General rate: 10 - 20ℓ per Ha

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

Method: Suitable for foliar application or soil drenching.

Frequency: Adjust application based on crop requirements and environmental conditions.

Density: 1.25 g/ml at 20.4 °C

COMPATIBILITY

Manna 9:4:7 is compatible with most agricultural inputs. However, it is advisable to perform a jar test or consult a technical advisor before 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.

