

- Specification Sheet -**MEGA PRO**

Mega Pro is a liquid microbial solution containing the beneficial soil bacteria *Bacillus Megaterium*'s strain PL in the form of spores. This strain of *Bacillus Megaterium* when applied on the soil, it quickly colonizes the roots of the plant and starts producing enzymes and metabolites which improve rooting, growth and plant vigor while in parallel improve the physical resistance of the root system against stressful conditions.

PROPERTIES AND USES:

- Reinforcement of the natural defence mechanisms of vegetables and especially tomatoes.
- Fine organic fertilizer that supplies plants with macro and micro nutrients in a readily assimilated form.
- Excellent soil amendment that improves physicochemical properties of the soil.
- Increase of the soil microflora.
- Mineral nutrient chelation.
- Increase of the crop yield.

APPLICATION:

Since **Mega Pro** is a homogenous solution that is 100% water soluble, it can be applied through all drip irrigation systems and sprayer systems. It is most effective as a soil drench or a soil surface sprayer.

Application Rate: Generally it is applied at the following application rate.

Soil application: 2-10 l/ha

STANDARD ANALYSIS

	(w/w)	(w/v)
Nitrogen (N)	3.01 %	3.43 %
Phosphorus (P ₂ O ₅)	0.72 %	0.82 %
Potassium (K ₂ O)	1.39 %	1.59 %
Calcium (CaO)	0.24 %	0.27 %
Magnesium (MgO)	0.05 %	0.06 %
Sulphur (S)	0.03 %	0.03 %

OTHER INGREDIENTS

Bacillus Megaterium

cfu (colony forming units)/lt

1x10¹¹

PHYSICAL PROPERTIES:

Appearance: Fine brown-black fluid
Density: 1.14 g/ml
Solubility: 100% water soluble
pH: 4.0 – 4.5