

**MICROBIAL SOLUTION - ORGANIC
FERTILIZER - SOIL AMENDMENT SOLUTION**

Mega-Pro

NPK 3 - 0.5 - 1

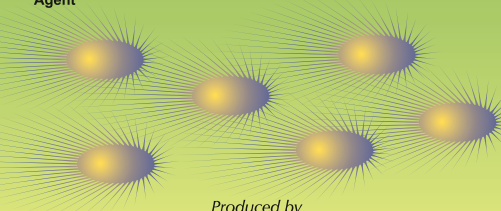
**Contains beneficial soil microorganisms in
population of 1×10^{11} cfu* per liter**
*cfu: colony forming units

**Nitrogen (N) 3.0 %, Phosphorus (P_2O_5) 0.5 %, Potassium (K_2O) 1.0
%, Mono- and Oligo- Saccharides, Condensed Fermented
Extracts, Dextrose, Natural soil Amendments, Natural Wetting
Agent**

Mega-Pro is mainly used to enhance the natural defense mechanisms of the vegetables and especially tomatoes. Furthermore, *Mega-Pro* is an excellent organic fertilizer that can supply plants with easily absorbed macro- and micro-nutrients. In the same time *Mega-Pro* is an excellent soil amendment solution that improves the physico-chemical properties of the soil, increases the soil microflora, helps minerals become chelate and boosts the growth of plants and ultimately increases crop yield.

Mega-Pro is a liquid microbial inoculant 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 vigour while in parallel improve the physical resistance of the root system during periods of stress.

Scientific studies have shown that *Bacillus Megaterium* PL live in symbiosis with the roots creating a natural shield that does not allow some soil-borne fungi to penetrate the root system and attack the plants.



Produced by

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MIXING INSTRUCTIONS AND COMPATIBILITY: *Mega-Pro* can be mixed with fertilizers, fungicides and other chemical products. Read and follow the mixing instructions written on the label of the rest of the chemical products. Apply the entire tank's solution on the same day. It must NOT be mixed with other bactericides or soil disinfectants. *Mega-Pro* must be applied after soil disinfection. Apply *Mega-Pro* 48 hours after the application of any bactericide or soil disinfectant. It must NOT be mixed with products that contain any type of peroxide. Apply *Mega-Pro* 24 hours after the application of such products. *Mega-Pro* is not phytotoxic to plants.

STORAGE: The product should be stored at normal room conditions. IT MUST NOT FREEZE. Keep out of direct sun light or any heat source. After use do not allow the lid open. Empty containers should not be reused.

RECOMMENDED APPLICATION RATES PER CROP

Crop	Application rate	Application timing
Greenhouse tomato	5 - 10 l/ha	Apply at transplanting. Repeat every 14-28 days.
Open field tomato	2-5 l/ha	Apply at transplanting. Repeat every 14-28 days.
Peppers, Eggplants, Fruit vegetables	5 - 10 l/ha	Apply at transplanting. Repeat every 14-28 days.
Cucumber, Melon, Pumpkin (greenhouse cropping)	5 - 10 l/ha	Apply at transplanting. Repeat every 14-28 days.
Open field cucurbits	2-5 l/ha	Apply at transplanting. Repeat every 14-28 days.
Nurseries	1 - 2 ml per l of water	Water the discs, frames or pots after planting.
Hydroponics	1 st Application: 40 ml per 100 l of water	Run through system.
	Repetition: 15 ml per 100 l of water	Replenish every time water is added.

APPLICATION RATE FOR SPRAYING IN SEEDBEDS

Ratio 1:100 120 ml *Mega-Pro* in 100 liters of water. When necessary, repeat every 14 days.

USE AND APPLICATION

Mega-Pro can be used in tomato's nurseries and other vegetables cropped in pot, bench or flowerbed into the greenhouse or in the open field. It can also be used in vegetables cultivated in the greenhouse or in the open field. Apply *Mega-Pro* throughout the growing season of the plant. 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.

PRECAUTIONS: In case of contact with skin or clothes, wash thoroughly with water and soap. In case of contact with eyes, flush with plenty of water. Get medical attention if irritation persists.

Keep out of reach of children.

SHAKE WELL BEFORE ANY USE