



MacroBacter

Plutarco Elías Calles 267,
Col. Benito Juárez, C.P. 85060,
Cd. Obregón, Sonora, México.

Technical Data Sheet MacroBacter

Product Description

Characteristics

Presentation:	Liquid concentrate.
Formulation:	Non-pathogenic microorganism cells contained in a non-toxic liquid medium.
Active Ingredient(s):	Azotobacter Vinelandii. Bacillus Megaterium. Bacillus Subtilis. Carbohydrates. Clostridium pasteurianum.

General Information

MacroBacter is a 100% organic microbial complex made with a variety of live, non-pathogenic microorganisms selected for their ability to unlock the natural nutrients found in soils (phosphorus, potassium, and micronutrients), activate fertilizers so they can be better utilized and enhanced, and possess the property of fixing atmospheric nitrogen, promoting vigorous plant growth and positively impacting production.

Recommended for the following fruits crops: Strawberry, raspberry, blackberry, apple, peach, pear, lemon, orange, lime, mango, pineapple, papaya, blueberry, walnut, avocado, cotton, banana, plantain, guava, starfruit, passion fruit, coffee, lychee, and vineyard.

Once MacroBacter is applied, the non-pathogenic microorganisms are responsible for:

- 🌱 Activating, oxygenating, detoxifying, and improving soils.
- 🌱 Improving the foliar area and the number of flowers.
- 🌱 Increasing the number and size of leaves.
- 🌱 Providing nitrogen to plants.
- 🌱 Enhancing and unlocking fertilizers.
- 🌱 Promoting the release of phosphorus and potassium.
- 🌱 Increasing organic matter and natural defenses.
- 🌱 Increasing the number of beneficial bacteria in the soil.
- 🌱 Increasing plant height.
- 🌱 Developing larger and stronger roots.
- 🌱 Improving Brix levels.
- 🌱 Enhancing the size and quality of fruits.



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Activation and Preparation

For each liter of MacroBacter, use 50 liters of clean, non-chlorinated water and let it sit for 4 to 7 days to allow reproduction. This is to apply the highest number of colonies possible. Preferible use plastic containers.

Application

MacroBacter can be applied after the first irrigation, either before or after planting.

Application Methods

Drip irrigation.
Microspraying.

Dosage

The dosage may vary depending on soil conditions.
Consult with a MacroBacter specialist.

	Start (L/ha)	Subsequent (L/ha)
Short cycle	2 L	1 L every 15-21 days
Long cycle	2 L	2 L every 21-30 days

Storage

The product in its original container should be stored at a minimum temperature of 2 degrees Celsius and a maximum of 50 degrees Celsius.



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Precautions and Warnings

Non-toxic, non-corrosive, non-flammable product. In case of ingestion, drink a glass of water, and if in contact with skin, wash with water and soap.

Warranty

Since the application of Macro bacter is beyond the control of the manufacturer, the quality of the product is guaranteed only for its contents.