



# TRIOLOGIC

ROOT INNOCULANT

*Increase yield and quality with rhizobacteria*

## WHAT IS TRIOLOGIC?

**Triologic** is a plant root inoculant formulated with a potent blend of beneficial rhizobacteria. These microorganisms colonize plant roots, aiding in nutrient acquisition and stress response. They also assist mycorrhizae.

- 1 Enhanced Nutrient Absorption:** The healthy rhizosphere created by Triologic promotes better nutrient uptake during crucial growth stages, resulting in increased yields, improved plant health, and enhanced crop quality and uniformity.
- 2 Comprehensive Growth Support:** Triologic supports plant development throughout the entire growth cycle, from clone to harvest. It ensures availability of a full range of nutrients, including NPK and trace elements, maximizing cannabinoid levels and contributing to improved plant health.
- 3 Stress Management:** By reinforcing the plant's natural defenses and fostering nutrient availability, Triologic helps plants cope with various stressors, such as disease, nutrient imbalances, and temperature extremes. It also aids in preventing root burn.

## CUSTOMER-REPORTED RESULTS



### **31% Increased THC Levels in Cannabis**

A 31% increase in THC content in Triologic-treated cannabis compared to the control group. The application of Triologic contributes to elevated THC levels, benefiting cannabis growers.



### **55% Table Grapes Yield Enhancement**

Triologic treatment led to a 55% higher yield of export-quality table grapes compared to the control group, resulting in increased revenue per acre and improved fruit quality.



### **6% Almond Yield Improvement**

5-acre almond trees treated with Triologic experienced a 6.19% higher almond meat yield, leading to increased revenue and positive Return on Investment (ROI).



### **23% Higher Strawberry Yield + Improved Quality**

Triologic-treated strawberries show a 23% higher overall yield and improved fruit quality. Brix levels and moisture content also indicate favorable outcomes.

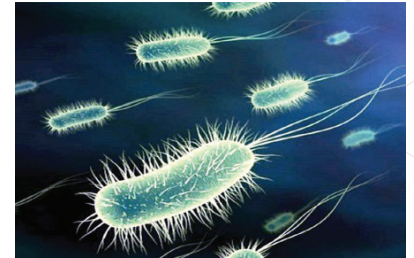
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## UNLOCKING PLANT POTENTIAL WITH TRIOLOGIC

Triologic unlocks plant potential through a dynamic partnership between roots and beneficial **rhizobacteria**.

Within the rhizosphere, (the few millimeters of soil surrounding plant roots, see bottom right diagram;) this partnership facilitates growth, resilience, and nutrient absorption. Plants 'feed' Triologic microbes organic acids and oxygen, putting them in close proximity to the plant root. In return all nutrients the bacteria make available for themselves are also available to this plant root.

By **nurturing mycorrhizal colonization**, Triologic optimizes water and phosphate uptake, bolsters defense against pathogens, and ensures nutrient availability.



The beneficial rhizobacteria form a living bridge between roots and nutrients, facilitating efficient nutrient absorption.

## USAGE INSTRUCTIONS



To use, inoculate the root zone of your plant **once every 1-2 weeks at 0.5-1mL per gallon** for entire plant life cycle. Best used as a hand water drench.



**FOR BEST RESULTS USE WITH NON-CHLORINATED WATER.**

## FAQ

### When and how do I use Triologic in my growing schedule?

Apply Triologic when starting fertilization or early in the growth cycle. Even if the season has begun, applying Triologic can still benefit plants.

### Is Triologic compatible with other treatments?

Triologic works well with most fertilizers, herbicides, and pesticides. Apply it before or after herbicide/pesticide use for optimal results.

## ROOT ANATOMY DIAGRAM

