

Living Water for Pistachios



Healthier Soil. Stronger Roots. Resilient Trees.

Proven biological performance across commercial pistachio systems.

The Problem Pistachio Growers Face

Pistachio production depends on deep root systems, efficient nutrient cycling, and biologically active soils. However, many orchards struggle with:

- Biologically dormant or compacted soils
- Poor water infiltration and inconsistent soil moisture
- Nutrient tie-up, especially phosphorus and micronutrients
- Heat and salinity stress
- Reduced root vigor and nutrient efficiency



When soil biology slows down, orchards become more input-dependent and less resilient under stress.

The Living Water Solution

Living Water restores the soil's biological engine, enabling pistachio trees to access water and nutrients more efficiently without increasing fertilizer rates or modifying existing irrigation infrastructure.

- Applied through existing irrigation systems
- Turnkey kit required
- Compatible with conventional, organic, and regenerative pistachio programs

Rather than feeding the tree directly, Living Water activates the microbial systems that mobilize nutrients, improve moisture dynamics, and **support long-term orchard health.**

Proven Biological Response in Pistachio Orchards

A monitored pistachio trial in Madera County, CA demonstrated clear biological gains where Living Water was applied:

- **4.6× increase in soil respiration**, indicating active nutrient cycling
- **25% increase in microbial biomass**, building a stronger soil engine
- **13% higher soil moisture (VWC)** supporting sustained biological activity
- Transition from a biologically dormant system to a dynamic nutrient soil



These biological improvements occur before visible yield changes, laying the foundation for stronger tree performance over time.

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What's Happening Underground (Why it Works)

Living Water drives measurable biological improvements in pistachio soils:

- Activated soil respiration and microbial metabolism
- Increased carbon turnover that releases tied-up nutrients
- Improved phosphorus and micronutrient availability
- Enhanced root-zone moisture stability
- **Reduced physiological stress** during heat events

SCAN ME



Healthy soils are dynamic, not static. Living Water builds a living soil system that supports pistachio trees through nutrient cycling rather than input dependency.

Benefits Pistachio Growers Care About

- ✓ Improved root-zone activity and nutrient availability
- ✓ **Better water-use** efficiency and moisture consistency
- ✓ Increased resilience under heat and salinity stress
- ✓ More efficient use of existing fertilizer programs
- ✓ **Stronger biological foundation** for performance
- ✓ ROI driven by efficiency, not higher inputs



Why Growers Keep Using It

- Results are **data-backed and measured**
- Works across all soil types and climatic conditions
- Improves efficiency instead of increasing cost
- Integrates seamlessly into existing pistachio programs



Once growers see biological performance improve, expansion follows naturally.

Ready To See It In Your Field?

Talk to your Living Water representative today! Visit "[Find a Distributor](#)" at **WeSaveSoil.com** and learn how to integrate Living Water into your pistachio program this season.

Soil-first. Data-backed. Grower-proven.

Results shown reflect monitored field data from specific sites and seasons. Outcomes may vary by soil type, variety, climate, and management practices. Data represents verified performance indicators and is not a guarantee of results.