

# 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

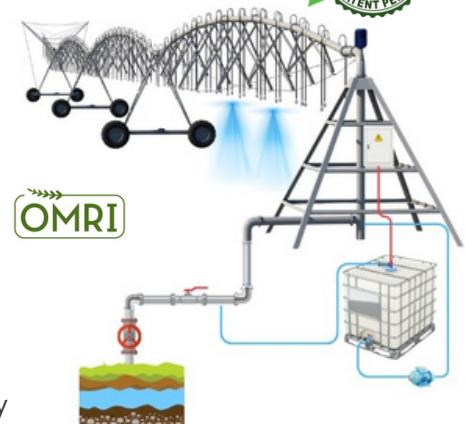
Rather than feeding the tree directly, Living Water activates the microbial systems that mobilize nutrients, improve moisture dynamics, and **support long-term orchard health**.



### Proven Biological Response in Pistachio Orchards

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

- **4.6x 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 potato 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.