

Fact Sheet

ALMONDS

MicroPro

EDTA Free

Zinc (Zn) 2.5%, Iron (Fe) 1.5%, Manganese (Mn) 2.5%

DATE: May 2023 - June 2023

LOCATION: Merced Valley, CA



We conducted a rigorous scientific study in a California almond orchard to evaluate the effects of MicroPro on nutrient enhancement. We began by analyzing the orchard's nutritional composition using SAP tests before the first application. A month later, the results were remarkable: **Iron levels had surged by 385%, Manganese had seen a substantial 93% increase, and Zinc had grown by 23%.** With just 2 quarts per gallon, MicroPro proved to be a potent nutrient solution, showing its potential to significantly benefit precision farming.

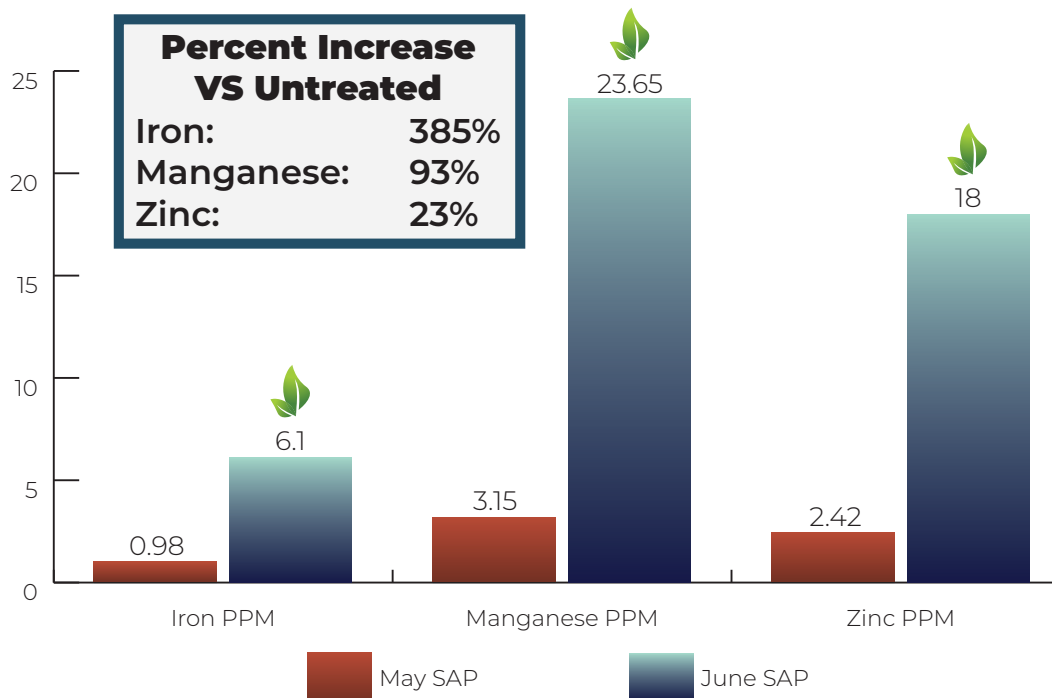
SAP ANALYSIS | RESULTS

KEY TAKEAWAY

The SAP data analysis indicates that plants absorb our micronutrients and are readily available for use. Our products will maximize your nutrient application, as they do not contain EDTA, which prevents them from being locked in the soil or immobile.



Almond Tree SAP Analysis



Scan the QR code to learn more about how West Coast Ag Products can increase your bottom line.

See these results in **YOUR** fields
Call our team today! +1.707.972.5650

What is EDTA?

WHY BEING EDTA-FREE MATTERS

EDTA Chelation

NUTRIENT LOCKING

EDTA chelation, commonly used in commercial crop fertilizers, has a **significant drawback**: it **can inadvertently “lock in” essential nutrients**. Think of it as a double-edged sword; it aims to safeguard vital minerals, but can also **hinder their accessibility to plants**. This locking effect occurs when EDTA tightly binds to nutrients, preventing them from interacting with the soil or being easily absorbed by crops.

BUILDUP

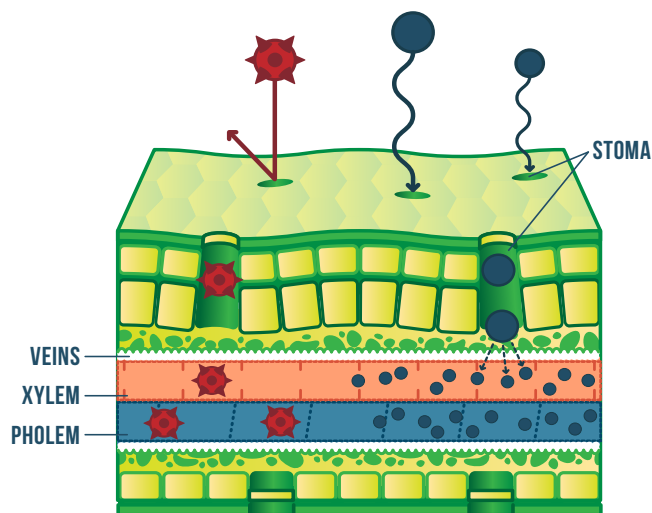
Adding to the challenge is the fact that **EDTA takes a long time to break down** in the environment. Over time, this can **lead to a build-up** of chelated nutrients, potentially **disrupting the natural nutrient balance**. Consequently, plants may become overly reliant on these chelated minerals, requiring continuous and often increased use of chelated fertilizers to sustain their growth. Moreover, excess minerals can leach into water sources, posing environmental concerns and potential harm to aquatic ecosystems. Thus, when considering fertilization options, it's important to weigh the benefits of EDTA-chelated fertilizers against the potential negative effects.

QR
CODE

To learn more about topics like these, check out our blog!

EDTA vs EDTA-Free

THE INTERACTION BETWEEN THE PLANT AND EDTA VS EDTA-FREE NUTRIENTS



EDTA "LOCKED"
NUTRIENT MOLECULE

EDTA-FREE
NUTRIENT MOLECULE

How We're Different

At West Coast Ag Products, our nutrient line represents a groundbreaking advancement for commercial farmers seeking improved crop yields and sustainable farming practices.

Unlike traditional products that rely on EDTA chelation, our innovative formulation **enhances nutrient availability**, streamlining natural absorption processes. By eliminating the need for energy-intensive nutrient breakdown, our solution **boosts overall nutrient uptake** and minimizes the risk of soil nutrient buildup and nutrient locking, reducing the need for corrective measures and **ensuring long-term soil health**.

With our nutrient line, farmers can confidently embrace a more eco-friendly and efficient approach to nutrient management, resulting in **healthier crops** and a more prosperous agricultural future.