

CALIFORNIA AG

**CAS**  
SOLUTIONS

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# **TOMATO**

**POWER2GRO™ Crop Production System**

An integrated, system-based approach to maximize tomato tonnage and quality while improving plant and soil health. Developed based on the latest research in tomato physiology and soil biology.

Our boots on the ground and systems approach saves valuable inputs by working alongside growers, irrigators, and ranch managers to make well-informed, concise, and effective management decisions based on crop needs and yield targets.

## Key Benefits

- Increase tonnage.
- Maximize varietal potential for solids.
- Boost bloom set.
- Optimize water efficiency and irrigation utilization.
- Reduce cost per unit produced.

**PC**  
**POWER2GRO**  
CROP PRODUCTION SYSTEM

A photograph of a young tomato plant growing in a field with dark, tilled soil. The plant has green leaves and a small flower. The logo is overlaid on the bottom left of the image.



## Key Program Concepts

### Boost nutrient utilization.

The customized macro, micro, and biological blends of the POWER2GRO Tomato System improve a plant's ability to absorb key nutrients for larger, more consistent bloom set that in turn increases fruit production. Later in the growing season, plants are able to make use of foliar-applied nutrition to maximize varietal potential for solids and increase tonnage.

### Promote vigorous root growth.

Robust root development is critical for tomatoes to reach their full potential and resist adverse conditions. The POWER2GRO Tomato System protects roots and stimulates them to produce compounds that signal canopy growth and development, giving your tomatoes the best chance to reach harvest with less setbacks and increased yields.

### Optimize nutrient timing & delivery.

The POWER2GRO proprietary nutrient timing model and injection methods allow for maximum efficiency of applied nutrients to improve plant performance and increase production.

### Manage soil salinity.

Water quality and availability dramatically affect yield potential. The POWER2GRO Tomato System manages soil salinity by improving water infiltration, leaching salts, enhancing biological activity, and increasing calcium availability. All of these functions improve the health of your plants and soils.

Precise irrigation and nutrient decisions deliver quality, tons, and ROI for growers. Effective soil and water management are crucial for grower success.

### Adopt a system-based approach.

By improving soil and plant health, the POWER2GRO Tomato System provides a strong foundation for year-round, system-based farming practices while maintaining or increasing yields and decreasing the cost per unit produced at the same time. The POWER2GRO Tomato System allows for the adoption of minimum-tillage practices, and the implementation of cover crops and rotational grazing, making system-based farming not only possible but practical.

Better yield. Better quality.  
Better soil health. Better efficiency.

We're with  
you every step  
of the way.



- Evaluate soils, operation, water and goals.
- Walk and check fields consistently.
- Save growers money by using less water based on crop timing and more water when needed without overspending water budgets.
- Develop a season long cropping plan, monitor progress, and make adjustments as needed with weekly/bi-weekly grower reports.
- Recommend, source, and install equipment.
- Provide irrigation management to influence nutrient uptake, plant response, and overall yield expressions.
- Test soil and tissue, monitor soil moisture, and analyze imagery data from industry leading laboratories.
- Respond to challenges before they result in yield loss.

We help farmers achieve amazing results using our POWER2GRO Tomato System. We look forward to giving you and your crops a better chance.

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