



ALMOND

POWER2GRO™ Crop Production System

An integrated, system-based approach to maximize nut yield and quality, and improve tree and soil health. Developed based on the latest research in almond physiology and soil biology.

Key benefits.

- Boost yields.
- Enlarge nut size.
- Optimize water efficiency & utilization.
- Increase fruiting wood and buds.
- Reduce cost per unit produced.





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



Key program concepts.

Farm by the spur.

UC Davis has made significant discoveries that provide insight into nutrient deficiencies of non-bearing versus bearing spurs. Based on these findings, the POWER2GRO Almond System was developed to deliver the right nutrients directly to the canopy at the right stages of the tree's development to minimize spur deficiencies, maximize nut fill, and improve future fruiting probability.

Maximize light interception.

Based on UC Davis research showing the strong correlation between maximum sustainable yield and sunlight interception, the POWER2GRO Almond System is designed to grow almond trees in a balanced manner allowing sunlight to effectively penetrate the tree canopy and permeate throughout.

Promote vigorous root growth.

Root development is critical for almonds to reach their full potential and resist adverse conditions. The POWER2GRO Almond System stimulates early root expression and branching which is vital to the health and yield of bearing almond trees.

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 and long term tree health. The POWER2GRO Almond 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 trees and soils.



We're with you every step of the way.



- Evaluate soils, operation, water, and goals.
- Develop a season long cropping plan, monitor progress, and make adjustments as needed.
- Recommend, source, and install equipment.
- Test soil and tissue, monitor soil moisture, and analyze imagery data.
- Respond to challenges before they result in yield loss.

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

Contact your authorized Ag Solutions Network member today and learn more about the POWER2GRO crop production system.



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