

Doing More with Less

California almond farmers are focused on responsible and efficient use of water, a precious and limited resource in California.

NEARLY **80%** of almond orchards use efficient **MICROIRRIGATION**,¹ far **ABOVE THE 42% AVERAGE** for California farms overall.²

SINCE 1982, ABC HAS FUNDED **221** WATER RESEARCH PROJECTS.

WATER-SAVING TECHNOLOGIES

like microirrigation have helped farmers

REDUCE

the amount of **WATER** it takes to grow **EACH POUND OF ALMONDS BY**

33%

OVER THE PAST 20 YEARS³

ALMOND ORCHARD 2025 GOALS

BY 2025, the almond community commits to reduce the amount of water used to **GROW A POUND OF ALMONDS BY AN ADDITIONAL**

20%

ALMOND IRRIGATION IMPROVEMENT CONTINUUM

While almond farmers have made great strides in irrigation efficiency, there's always room for improvement. The Almond Irrigation Improvement Continuum, created by irrigation experts, is a roadmap for California almond farmers to accelerate adoption of research-based water-efficient practices and technology. Collecting and organizing all almond-related irrigation management guidance in one place for the first time, the Continuum is also serving as a model for other crops to improve their water management.

This detailed how-to guide, available at Almonds.com/Irrigation, focuses on five key areas: monitoring irrigation system performance, soil moisture, plant water status, calculating orchard water requirements and measuring applied water. ABC's Field Outreach and Education team works with farmers to implement these precision practices.

Farmers can measure where they stand on the Continuum utilizing the California Almond Sustainability Program's online portal, SustainableAlmondGrowing.org, with more than 500 farms having done so to date.

1. California Almond Sustainability Program. August 2019.

2. California Department of Water Resources. California Water Plan Update 2013; Volume 3, Chapter 2.

3. University of California, 2010. Food and Agriculture Organization of the United Nations, 2012. Almond Board of California, 1990-94, 2000-14.