



CASP BY THE NUMBERS

The California Almond Sustainability Program (CASP) employs self-assessments to help growers identify areas of improvement across their operation. Through the CASP web-based platform, SustainableAlmondGrowing.org, growers and handlers can complete modules, learn about alternative and best practices, and use free decision support tools, while meeting regulatory requirements. All CASP modules were developed in partnership with industry members and scientific experts.

The following charts and reports summarize industry CASP engagement to date and provide an example of how growers engage with the program through assessment results.

PARTICIPATION – ACRES ASSESSED

22% of statewide almond acres⁵ have been assessed to one or more modules since the program began representing more than **1200 individual orchards** and almost **800 farming organizations** throughout California. **Organizations** that have participated in the program are responsible for managing about **45% of statewide almond acres⁴**.

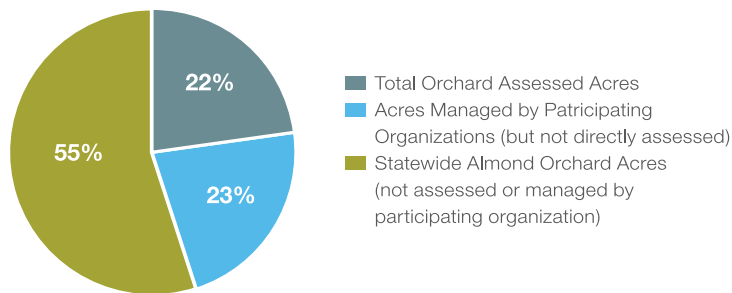


Figure 1. Assessed acreage in the program for 2009 to 2018 crop years. Values shown include acreage corresponding to orchards that have done at least one module assessment as well as acreage managed by organizations that have done an assessment for at least one of their orchards in the program. Total acreage for participating organizations represents about 45% of statewide almond acres.

⁴Percent of almond acres is based on CASP assessed and managed acres from the 2009 to 2018 crop years, and USDA NASS estimate of 1.09 million total statewide bearing acres in 2018. Values for percent acreage assessed may vary depending on availability and timing of USDA NASS estimates.

MODULE ASSESSMENTS – MOMENTUM IN CASP IS BUILDING

The most recent assessment year (assessing on-farm practices in the 2018 crop year*) showed **50% to 180% year-over-year increase in number of assessed modules**.



Figure 2. Number of assessments for each of the nine CASP modules since 2014⁴.

*Bee health module launched 2016

⁴Data from January 2020.

LEVEL OF RE-ASSESSMENTS

20-30% of operations re-assessed their operation.

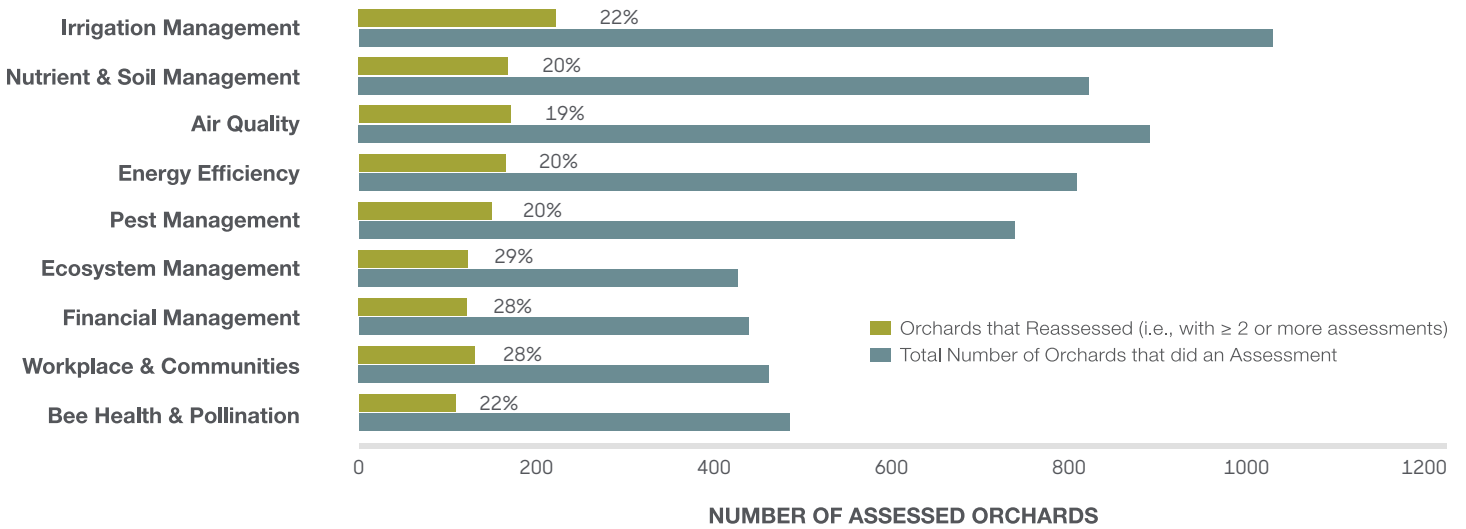


Figure 3. Number of orchard assessments for each module, starting in 2009 and including most recent data from the 2018 crop year. Green shading indicates orchards that have repeated assessments, and blue indicates orchards that have only completed one assessment. For example, a total of 485 orchards have at least 1 assessment for the Bee Health & Pollination module. Of those, 109 (22%) have repeated the assessment 1 or more times.

*Data from December 2019

Notes
With regards to reporting, the assessment year starts on November 1 and ends on October 31. Assessments are done retrospectively for the previous crop year. For example, the 2018 crop year assessments were completed from November 1, 2018 to October 31, 2019.

The program started with two modules in 2009 – Irrigation Management and Nutrient & Soil Management. Three modules were added in 2011 (Air Quality; Energy Efficiency; Pest Management), corresponding to the 2010 assessment year. Three additional modules were included in 2015 (Ecosystem Management; Financial Management; Workplace & Communities), corresponding to the 2014 assessment year, and the Bee Health and Pollination module was added for the 2016 assessment season.

