Committed to Honey Bee Health

The decline in honey bee health has been linked to **five complex factors** and the California almond industry has and continues to help address each one.

VARROA MITES

Investigating treatment options and beekeeper guidance for treating this devastating pest.

PESTICIDE EXPOSURE

Understanding if pest control materials needed to protect the almond crop during pollination impact bees and how to minimize impacts.

SINCE 1995 ABC HAS FUNDED

120 RESEARCH
PROJECTS

supporting honey bees, more than any other crop group?

d beekeeper

Kickstarting Tech Transfer Teams who work with beekeepers to monitor hives and advise on pest and disease treatment.

MANAGING

PESTS + DISEASES

Protecting bee health during bloom with widely adopted¹

HONEY BEE BEST MANAGEMENT

PRACTICES
RELEASED IN 2014.

THE NUMBER OF U.S. HONEY BEE HIVES REMAINS STEADY.

However, beekeepers still experience significant in-season losses and must work harder to maintain healthy apiaries.

98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 YEARS

U.S. Bee Hives, in millions

LACK OF GENETIC DIVERSITY

Funding researchers to bring new, foreign genetic material into the U.S. and making it available to beekeepers for improving breeding stock.

LACK OF FORAGE AND NUTRITION

Understanding the benefits and management practices for supplemental bee forage and supporting the distribution of blooming plant seed.

HELPING HIVES

To provide additional food sources for honey bees before and after almond bloom, ABC encourages farmers to consider planting bee pastures near or within almond orchards.

Since 2013, almond farmers have planted over 27,000 acres of bee pasture through Project Apis m.'s Seeds For Bees program.⁴

Just like almonds are a nutritious snack for us, almond pollen is important to bee diets too!

It contains all 10 of the essential amino acids bee diets require⁵ and hives routinely leave stronger after pollinating almonds.⁶

California Almond Sustainability Program. August 2018.
 Gene Brandi. Vice President. American Beekeeping Federation.
 USDA-NASS. Honey Production Report. 1998–2018.
 Billy Synk. Director of Pollination Services. Project Apis m. November 2018. Represents total plantings from 2013-present.
 USDA-ERS. Land Use, Land Cover and Pollinator Health: A Review and Trend Analysis. July 2017.
 Ramesh Sagili. Department of Horticulture, Oregon State University.

