

INTEGRATED CROP POLLINATION (ICP)

Project ICP partners are working to ensure the long term sustainability of specialty crop pollination nationally through Integrated Crop Pollination (ICP). ICP incorporates habitat enhancement for wild bees, farm management practices to support bees, and use of diverse managed bee species into farm systems. Funding from the USDA Specialty Crops Research Initiative is supporting a team of scientists and outreach specialists with diverse expertise who are working with growers to develop 1) best practices for pollinator habitat enhancement and 2) farm management practices to bolster wild and managed bee populations within farms. Our research is also examining the use of alternative managed bees, such as bumble bees and mason bees, to increase the reliability of crop pollination.

With Project ICP's strong economic and social components, we are assessing how best to fit these ICP strategies into different scales of crop production, as well as how best to share project results with specialty crop growers nationwide to achieve meaningful adoption.



Honey bee colonies in blueberries, Rufus Isaacs. Habitat for wild bees, Don Kiersted (NH USDA-NRCS). Blue orchard bees and almonds, Derek Artz.



Sweat bees in squash flower, Nancy Lee Adamson.

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Please visit our website for more information about Project ICP, plus links to project publications and our calendar of upcoming events.

www.ICPbees.org

The Project ICP team is comprised of the following organizations:

AgPollen, LLC.

Franklin and Marshall College Loyola University Chicago Michigan State University Oregon State University Pennsylvania State University Rutgers University Simon Fraser University St. Mary-of-the-Woods College University of California, Berkeley University of California, Davis University of Florida University of Vermont USDA-ARS Pollinating Insects Research Unit Wenatchee Valley College The Xerces Society for Invertebrate Conservation

Our project is also guided by an advisory committee of stakeholders and by our grower cooperators.

Flower icon by Adam Zubin from The Noun Project. Handshake icon designed by Jake Nelsen from The Noun Project. Project ICP logo and brochure design by Kaitlyn Rich, The Xerces Society.

Project Integrated Crop Pollination



Bees are essential specialty crop pollinators. Managed bees, such as honey bees, along with bumble bees and other wild bee species are under threat and their populations are declining. Growers need strategies that can reliably deliver pollination to ensure a profitable return from pollinator-dependent specialty crops. To meet these grower needs and ensure reliable pollination, Project ICP is conducting research and extension nationwide on farm management practices that increase wild bees and on techniques for managing alternative bees for pollination.



Bumble bee on blueberry blossoms, Nancy Lee Adamson.

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On-farm demonstration sites

Technical support for growers

Identify networks among

project results.

stakeholders to support sharing

Blue orchard bee on almond flower, Derek Artz.