

WESTERN REGION | IR-4 Project



Image: Adobe Stock



Image: NC State University

The IR-4 Project has a 60-year track record of impact facilitating pest management solutions for specialty crops and specialty uses. According to a 2022 economic analysis, IR-4 contributes an estimated **\$8.97 billion** to the annual U.S. gross domestic product. **Seven jobs can be attributed to every \$1,000** of public investment in IR-4.*

By facilitating EPA registration of safe, effective pest management products, IR-4 helps specialty crop growers access the tools they need to produce healthy, abundant harvests— including fruits, vegetables, nuts, herbs, and horticulture crops.

IR-4's federally-funded research evaluates various pest management strategies— including reduced-risk chemical products, bio-based pesticides, emerging technologies, and integrated solutions to serve both conventional and organic production systems.

IR-4's Western Region (WR), based at the University of California, Davis, serves growers in a range of climates, topographies, growing zones and cropping systems. Working collaboratively with stakeholders, the WR team advocates for regional priorities in IR-4's national research process. From arugula to almonds and from peonies to persimmons, IR-4 helps ensure the vitality of this productive and complex agricultural region.

Have a pest problem (or solution) in mind? Anyone may submit IR-4 Project Requests to evaluate pest control products. Projects are selected with stakeholder input through an annual priority-setting process. The WR team can help you submit a Project Request (see reverse for contact information).

*Read about Michigan State University's economic impact analysis [here](#).

The IR-4 Western Region Includes:

13 states and 4 U.S. territories (Mariana Islands, Guam, Federated States of Micronesia, and American Samoa)



Key Crops of the Western Region:

Almonds, avocados, berries, broccoli, camas, carrots, chard, coffee, figs, grapes, hazelnuts, herbs, hops, horticultural crops, kiwis, lemons, lettuce, plum, pineapples, walnuts and more

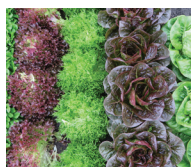
Western Region Highlights

The WR team has secured strategies for many regional pest challenges, including:



Spotted wing drosophila (in berries, cherries and other soft fruits).

Image: UC Davis



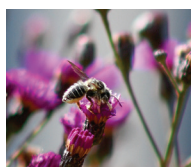
Phytophthora and fusarium in a variety of field crops.

Image: UC Davis



Botrytis in ornamentals (esp. peonies); alternatives to chlorpyrifos for mealybugs.

Image: Adobe Stock



Securing options for bee-friendly pest management.

Image: NC State University



Virus vector and weed control in tomatoes.

Image: NC State University



Developing pest management options for new cropping systems such as agave.

Image: Adobe Stock

Have a pest management problem (or solution) in mind?

Connect with the WR team for support through the Project Request and prioritization process:



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Scan above to visit the WR website. Visit ir4project.org to learn more about the national organization.



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