

Western IPM Center focus

Collaborate

Create

Communicate



Collaboration among NIFA partners, IR-4

Assessing Compatibility of a Pesticide in an IPM Program, in Journal of IPM (2018)

Biopesticide Technology: Science and Challenges session at the Int. IPM Symposium in Baltimore

Collaboration among NIFA partners

CAST report on the state of IPM

Tactical sciences initiative

Developing Common Measures for CPPM

Collaboration among Western partners

- Crop pest losses assessment tool – expanding to new crops and areas
- Risk Communication
- 2019 Western Society of Weed Science symposium on IPM research in the West

Center contributions to alfalfa IPM

New aphid recommendations in the low desert

Biological control for alfalfa weevil

Barriers to IPM adoption in the West

Pest and pollinator management plan

Center contributions to alfalfa IPM

- \$104,803 in Center funding generates \$955,198 in additional funding
- Generated five Center success stories delivered through newsletter, YouTube channel, and website

Other Center contributions

- Canopy pruning reduces **macadamia nut** felted coccid by half and significantly increases nut quality in Hawaii
- Producers stop treating brown stink bug in **Arizona cotton** because the stink bug sprays interfere with biological control of whiteflies

The South American palm weevil work group secured \$300,000 from the Foundation for Food and Agriculture, California Date Commission and others



Western Governors' Association
Biosecurity and Invasive Species
Initiative (Hawaii Governor David Ige)

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ADVISORY: Secretary Perdue to Announce the Eradication of the Pink Bollworm TOMORROW

(Washington, D.C., October 18, 2018) – Tomorrow, U.S. Secretary of Agriculture Sonny Perdue and G. G. Ibach, Under Secretary for Marketing and Regulatory Programs, will mark the eradication of the pink bollworm from all commercial cotton-producing areas of the continental United States with a ceremony at the USDA Whitten Building in Washington, DC.

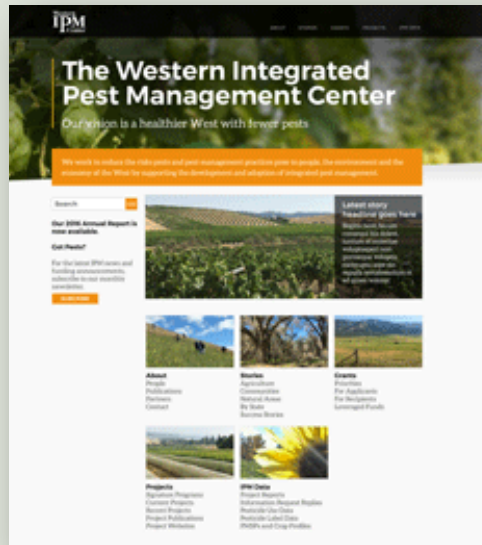
Monthly Newsletter

- 1,828 Subscribers (up 8.4%)
- Users make 400-600 clicks per issue (6,300+ total)
- New section for students



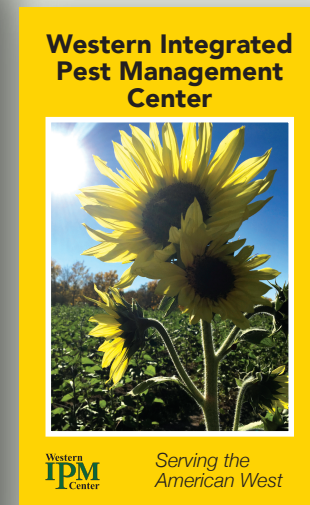
New Website

- Fully responsive and accessible
- Updated feature story
- Being adopted by other regions
- Stories, video, links



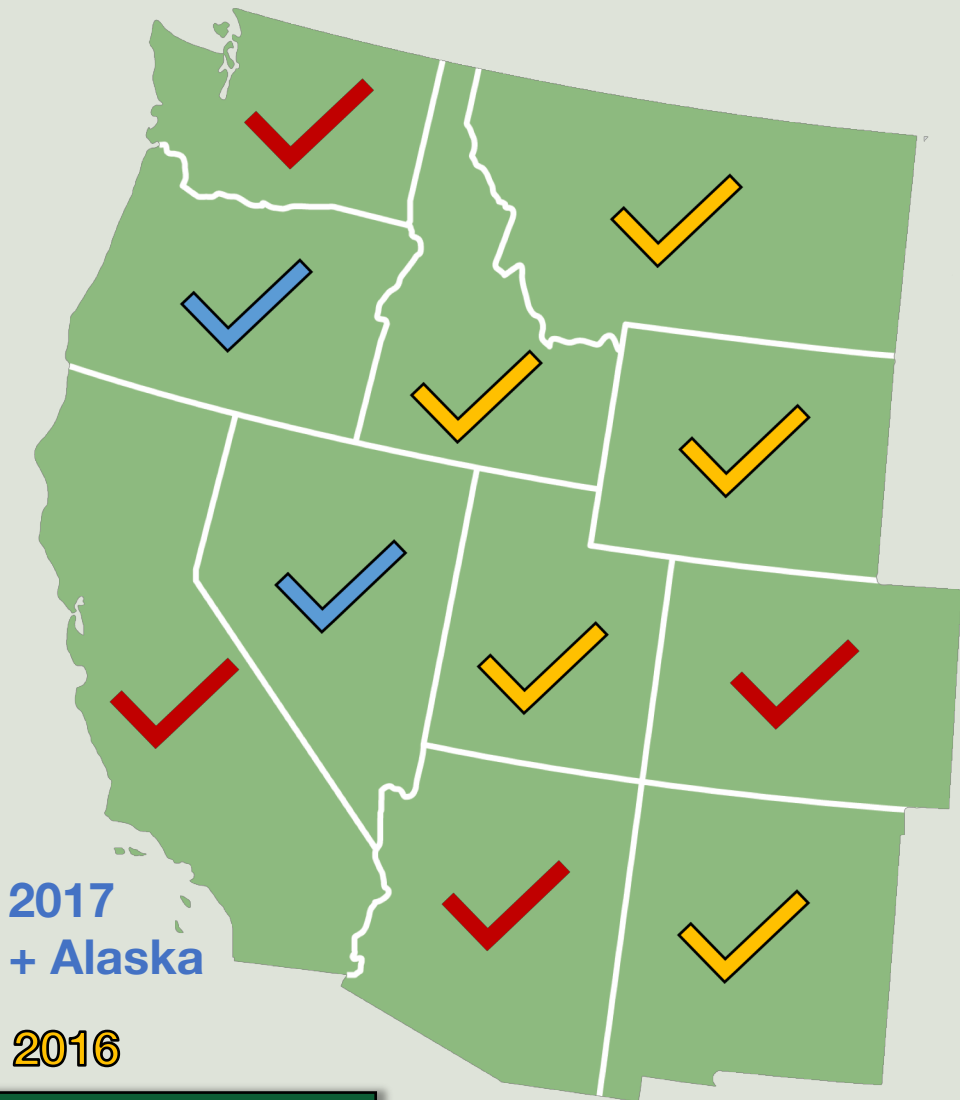
Highlight Publications

- 2017 Annual Report poster and pdf
- Evergreen Brochure



2018 Reporting Trips

- Arizona – Casa Grande, schools, golf courses, mosquitoes
- Southern California - Coyotes
- Oregon – IPM app, pears
- Washington – Apples, wireworms
- Colorado – Feral pigs, emerald ash borer, harvest weed seed control, Boulder city and county IPM weed programs
- *Leaves only Hawaii and other islands to visit!*



Presentations

- North American Invasive Species Management Association
- UC Agriculture and Natural Resources Conference
- NIFA Listening Session

Other Activities

- 15 long feature stories, plus several dozen newsletter items and briefs
- Photo essays from Oregon and Nevada
- Videos from Washington, California, Colorado and Arizona

ACE Awards

- Gold spotted oak borer video
- Alaska photo essay
- Newsletter



New report documents pest management improvements in California melons

- Compared pest management strategic plans from 2003 and 2016
- Overall risks dropped from moderate to low
- Fumigant use declined by 97%
- Host plant resistance traits successfully controlling Fusarium, Verticillium, and powdery mildew. Sulfur use declined 75%
- OP and carbamate use down by nearly half

Integrated Pest Management Improvements in California Melons from 2003 to 2016

Matthew Baur
Amanda Crump
James Farrar
Steve Elliott

October 2018



Western
IPM
Center