

## FINAL PROJECT REPORT

**Project Title:** IPM Strategic Planning for Pears in Washington and Oregon

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**Total Project Funding:** \$16,816

### Other funding sources

**Agency Name:** United States Department of Agriculture Extension Implementation Program

**Amt. requested/awarded:** ~ \$28,000 supports this work

**Notes:** The total cost for this project is estimated to be approximately \$44,445, including salary/benefits support for three OSU faculty for a total of 12.5 weeks of work (\$35,030), travel support for staff and participants to two events (\$6,715) and event costs for two events (\$2,700). Approximately 60% of the funds needed to support this work came through a USDA/EIP grant, which includes some salary support as well as funding for workshop costs and travel.

### Budget History:

Item	Year 1: 2019-2020	Year 2:	Year 3:
<b>WTFRC expenses</b>			
<b>Salaries</b>	\$10,710		
<b>Benefits</b>	\$6,106		
<b>Wages</b>			
<b>Benefits</b>			
<b>Equipment</b>			
<b>Supplies</b>			
<b>Travel</b>			
<b>Plot Fees</b>			
<b>Miscellaneous</b>			
<b>Total</b>	16,816	0	

## Goals and Outcomes:

*\*Due to the PI no longer with the IPPC, questions or comments regarding the report should be directed to Chris Hedstrom ([chris.hedstrom@oregonstate.edu](mailto:chris.hedstrom@oregonstate.edu)), IPM Outreach and Communications Coordinator, Oregon IPM Center (IPPC).*

## Objectives:

We requested co-funding from the WA Tree Fruit Research Commission to support an IPM Strategic Plan update with the Pacific Northwest pear industry. The project evaluated progress since our 2014 Pest Management Strategic Plan for Pears, incorporating our new IPM-focused format. The overall goal was to help the Pacific Northwest pear industry describe current major pests and impacts, assess progress on critical research, education, and regulatory needs over the last 5 years, and identify continuing and emerging short- and long-term pest management challenges and goals to be shared with local research and extension faculty.

## Results:

Our process engaged approximately 30 farmers, consultants, commission members, researchers, and extension agents representing four main regions across Oregon and Washington (Southern Oregon, Mid-Columbia, Wenatchee, and Yakima). This group became our formal workgroup, which was engaged via email and in person in a months-long consultation. Our in-person meeting took place in March of 2020 in Hood River, Oregon, with 21 attendees. The workgroup we brought together reached consensus about the major pest management activities, challenges, and priorities. Information gathered at this meeting was compiled into a final publication that outlines current pest management activities for the whole production season, as well as critical pest management needs for research, regulation, and education, and IPM advancement.

## Discussion:

There are a number of benefits to the industry with this work, including:

- Provides a critical update to the USDA and EPA on current production and pest management issues facing the OR/WA pear industry, information critical to EPA as they review pesticides for registration or re-registration. Federal agencies rely on up-to-date information to avoid having to make assumptions and use worst-case scenarios when performing pesticide registration reviews. The update will be immediately accessible to our federal agencies through the National IPM Database.
- Brings updated information about current practices and critical pest management needs into a formal conduit for communication from growers and other pest managers to regulators, policymakers, researchers, extension professionals.
- Assists researchers in obtaining federal grant funds to work on pest management issues formally documented as important to the pear industry by providing granting organizations evidence of stakeholder input on pest management priorities.
- Provides updated stakeholder-identified priorities to the industry itself, to help focus where limited time and resources are best spent to solve the most critical pest management challenges.

The completed document is a roadmap that can be used by the industry to address critical pest management issues, and to prioritize industry time and resources. The final version will be posted on

the USDA's IPM Centers' "National IPM Database," and is also published as an OSU Extension document to increase its accessibility.

The Oregon IPM Center can provide support to the development of education events by extension agents that act upon the critical IPM needs identified from stakeholders through IPM strategic planning process. We can conduct pesticide risk assessments, and provide information about application management, pollinator and natural enemy protection and agro-ecology to support local extension IPM programming. Risk assessment data, along with the critical needs and priorities, are shared with Extension agents and researchers and used to collaboratively develop research and educational programming. Critical pest management needs identified in the document will be shared with OSU departmental researchers (crop and soil science, botany and plant pathology, horticulture, etc) and posted to our [Critical Needs Database](#) for easy searchability. We can also conduct follow-up as desired with industry members on how best to utilize the project's outputs.

At this time of this report, the finalized document was in press with Oregon State University Extension. Before that document is finalized and published, a draft of the document can be accessed here: <https://beav.es/JfF>

**Citation:**

Murray, K., Hilton, R., Jepson, P., Hedstrom, C. (2020). *Integrated Pest Management Strategic Plan for Pears in Oregon and Washington*. Oregon State University Extension Publication EM 9310 (in press). <https://catalog.extension.oregonstate.edu/em9310>

## **EXECUTIVE SUMMARY**

**Project title:** IPM Strategic Planning for Pears in Washington and Oregon

**Key words:** IPM, strategic planning, integrated pest management

### **Abstract:**

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