

CAPS Infrastructure Report

Year:	2011
State:	Utah
Cooperative Agreement Name:	Utah Plant Pest Infrastructure Project
Cooperative Agreement Number:	09-8588-0587-CA
Project Funding Period:	1 Jan 2011 - 31 Dec 2011
Project Report:	CAPS Infrastructure Report
Project Document Date:	12/01/11
Cooperators Project Coordinator:	Cory Stanley
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Quarterly Report	<input type="checkbox"/>
Semi-Annual Accomplishment Report	<input type="checkbox"/>
Annual Accomplishment Report	<input checked="" type="checkbox"/>

- A. Compare actual accomplishments to objectives established as indicated in the workplan. When the output can be quantified, a computation of cost per unit is required when useful.*** *(Use a narrative or insert tables to document completed work. Document work accomplished by the cooperator, as determined by the objectives in the work plan).*

- Activities
- Outreach and Education
- Meetings
- Training
- Equipment
- Other

The Utah CAPS (Cooperative Agricultural Pest Survey) Program is a cooperative agreement between the Utah Department of Food and Agriculture (UDAF) and Utah State University (USU). The CAPS Utah Plant Pest Infrastructure Project provided support for Cory Stanley, State Survey Co-coordinator (USU), under the supervision of Ricardo Ramirez, and Ryan Davis, Data Entry Manager (USU), both of which worked in cooperation with Robert Hougaard, Utah State Plant Regulatory Officer (UDAF), Clint Burfitt, State Survey Co-coordinator (UDAF), and Dawn Holzer, Utah/Nevada Pest Survey Specialist (USDA-APHIS-PPQ).

The Utah CAPS committee currently has 17 members from state and federal agencies, specializing in various disciplines, including entomology, forestry, plant pathology, weed science, agriculture, and pesticide usage. The Utah CAPS Committee has continued to identify emerging priority pests for Utah and also improved sampling techniques for future survey programs. The Committee received pertinent updates about potential invasive pest activity throughout the year and at the CAPS Committee meetings. As needed throughout the year, the CAPS Committee helped disseminate pertinent information to interested parties, such as USU Extension, the Bureau of Land Management, the Utah State Horticultural Association, and the Utah Nursery and Landscape Association.

In addition to the outreach efforts of the CAPS Committee, Cory Stanley also maintained a website, CAPS.usu.edu, to help disseminate information to the CAPS committee, stakeholders and public. Additionally, Cory Stanley gave 8 presentations, wrote 9 newsletter articles, and produced a video fact sheet; topics included native bees, honey bees, invasive pests, and integrated pest management. Cory Stanley is currently coordinating efforts to educate the public about management of *Drosophila suzukii*, an invasive pest detected in Utah in August 2010. Ryan Davis gave 16 presentations, wrote 4 newsletter articles, wrote 3 news releases, wrote 2 fact sheets, and developed 4 websites.

CAPS funding enabled professional development and training. Cory Stanley attended a Lepidoptera trapping and identification workshop, 14-22 August, at the Southwestern Research Center in Portal, AZ. Cory Stanley also attended the Orchard Bee Association meeting, 5-6 December, in Fresno, CA and the annual meeting of the Multistate Research Project, W504, "Biology and Management of Spotted Wing *Drosophila* in Small and Stone Fruits", 9 November, in Portland, OR, as the representative for Utah. In association with her involvement with the W504 Multistate Research Project, Cory Stanley participated in a multistate experiment comparing traps for *D. suzukii* and also supervised undergraduate student research comparing lures for *D. suzukii*. Cory Stanley and Ryan Davis attended the annual national meeting of the Entomological Society of America, 13-16 November, in Reno, NV. Ryan Davis also

attended Bed Bug University, 25-27 September, in Chicago, IL.

CAPS funding was used to maintain and procure equipment necessary to CAPS survey and outreach activities, including a freezer for sample and lure storage and a GPS unit to enable data collection. CAPS funds were also used to purchase office supplies, software licenses, reference materials, and other supplies necessary for the ongoing success of the Utah CAPS Program.

In his capacity as insect diagnostician for the Utah Plant Pest Diagnostic Laboratory, Ryan Davis received 327 samples in 2011; 139 plant disease samples and 188 arthropod samples. No insects were recorded as being new to Utah. One plant disease was recorded as being new to Utah: *Verticillium dahlia*, reported from peppermint.

In 2011, Cory Stanley completed a survey for 8 invasive orchard pests, with all data entered into the NAPIS (National Agricultural Pest Information System) as soon as they were received by our Data Entry Manager, Ryan Davis, including data pertaining to positive finds for spotted wing drosophila (*D. suzukii*). Additionally, nine other projects were completed by Utah CAPS Committee members. All available Utah NAPIS data were entered by 31 December 2011 so they could be included in the Western Region CAPS Report. The 2011 Utah CAPS Program has met all the requirements of the cooperative agreement with USDA-APHIS-PPQ and has contributed to the overall regional and national programs.

- B. If appropriate, explain why objectives were not met. *** *(Provide a narrative in this section if the stated objectives from work plan are not completed. For example: if a survey or other activity was delayed or cancelled due to weather or other factor indicates the reasons here.)*

In 2011, the Utah CAPS Program met all objectives as stated in the work plan and completed all surveys as planned.

- C. Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000. *** *(Required for Final Reporting. Report on semi-annual report if information is available.)*

There were no cost overruns or unobligated funds.

- D. Supporting Documents (if applicable)**

****indicates information is required per 7 CFR 3016.40 and 7 CFR 3019.51***

Approved and signed by

Date: _____

Cooperator

_____ **ADODR**

Date: _____