

Indiana Cooperative Agricultural Pest Survey

2014 Annual Report Infrastructure

1 January – 31 December



Department of Entomology at Purdue University
Indiana Department of Natural Resources (IDNR)
United State Department of Agriculture (USDA), Animal and Plant Health Inspection Service
(APHIS), Plant Protection and Quarantine (PPQ)

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NATURAL RESOURCES

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CAPS 2014 Annual Report

Year:	2014
State:	INDIANA
Cooperative Agreement Name:	Indiana Agricultural Pest Surveys (CAPS) 2014
Cooperative Agreement Number:	14-8218-0332-CA
Project Funding Period:	1 January 2014 – 31 December 2014
Project Report:	CAPS Infrastructure
Project Document Date:	31 March 2015
Cooperators Project Coordinator:	Larry W. Bledsoe
Name:	Philip Marshall
Agency:	Indiana Department of Natural Resources
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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 work plan. When the output can be quantified, a computation of cost per unit is required when useful.

The primary infrastructure objectives included:

- (1) administration of development, coordination, execution, and archiving results of surveys intended to detect and/or monitor exotic pest threats to commodities that are of National and Indiana concern. A State Survey Coordinator (SSC) was jointly supervised by the Indiana Department of Natural Resources (IDNR) Division of Entomology and Plant Pathology and Purdue University Department of Entomology. Program administration included management of program planning via a survey committee, management of general supplies, management of travel expenses for administrative and outreach activities, and attendance at state and regional meetings.
- (2) pest sample processing, identification, and archiving organisms obtained by non work plan cooperative activities/surveys with IDNR, APHIS PPQ, and with the Purdue Plant Pest and Diagnostic Laboratory (PPDL). Specific objectives follow:

Objective 1. Administration of the development, coordination, execution, and archiving results of surveys. SSC managed directly or indirectly five surveys. SCC supervised two part time staff. SSC uploaded 5151 records to the National Agricultural Pest Information System. SSC presented 16 public programs containing invasive species content. See specific reports for results.

Objective 1b. Maintain a State Cooperative Agricultural Pest Survey Committee that will meet at least once a year to discuss fostering goals of Indiana CAPS.

1b1. State CAPS Primary Committee:

Cooperative Agreement Representative Philip Marshall

State Plant Regulatory Official (SPRO): Indiana Department of Natural Resources
Division of Entomology and Plant Pathology
402 West Washington, Room W-290
Indianapolis, Indiana 46204

State Plant Health Director (SPHD): Gary Simon
USDA APHIS PPQ
1305 Cumberland Ave, Suite 102
West Lafayette, Indiana 47906

Department of Entomology (Department Head) Dr. Steve Yaninek
901 West State Street
West Lafayette, Indiana 47907

Indiana State Survey Coordinator (SSC): Larry W. Bledsoe
 Purdue University, Department of Entomology
 901 West State Street
 West Lafayette, Indiana 47907

1b2. Full committee

Name	Organization	Discipline
Bruce Bordelon	Purdue University	Horticulture
Tom Creswell	Purdue University	Plant Disease Diagnostics
Dr. Peter Hirst	Purdue University	Horticulture
Dr. Jeffery Holland	Purdue University	Entomology, Forest Landscape Ecol
Michelle Mikula	USDA-APHIS	Pest Survey Specialist
Dr. Chris Oseto	Purdue University	Entomology/ Identification
Gail Ruhl	Purdue University	Plant Disease Diagnostics
Dr. Cliff Sadof	Purdue University	Ornamental Pests/ Identification
Susan Schechter	Purdue University	National Ag Pest Information Svc
Dr. Robert Waltz	Purdue University	Indiana State Chemist
Cloyce Hedge	IN Dept. Natural Resources	Plant Ecology/ Identification
Ellen Jacquart	The Nature Conservancy	Plant Ecology/ Identification

1b3. Committee Meetings:

10 June 2014. Full committee: Agenda-2014 review and 2015 planning

1b4. Have representation at state, regional, and national meetings.

SSC was not able to attend Central Plant Board Annual Meeting, Rapid City, ND, (4-8 May) due to prior commitments. No Annual CAPS meeting was held.

SSC is an adjunct participant to the Indiana Invasive Species Council. 5 June 2014.

Objective 2. Cooperate with state and federal agencies carrying out field surveys, trapping, and data collection, setting emphasis on pest/diseases particularly identified that may pose an immediate risk to agriculture. SSC is responsible for coding and uploading Indiana information to NAPIS database.

2a. Emerald ash borer, *Agrilus planipennis*. (IDNR)

Date Range: 01-01-2014 thru 12-31-2014

Counties 34 Visual Observations Pos 106 Neg 0

Emerald ash borer, *Agrilus planipennis*. (IDNR)

Date Range: 01-01-2014 thru 12-31-2014

Counties 6 Trap Observations Pos 18 Neg 0

2b. Brown marmorated stink bug *Halymorpha halys*.

Date Range: 01-01-2014 thru 12-31-2014

Counties 8 Sites 8 Pos 8 Neg 0

- 2c. Khapra beetle, *Trogoderma granarium*. (PPQ)
 Date Range: 01-01-2014 thru 12-31-2014
 Counties 5 Sites 6 Pos 0 Neg 205

- 2d. Karnal Bunt, *Telletia (Neovossia) indica* . (PPQ)
 Date Range: 01-01-2014 thru 12-31-2014
 Counties 33 Sites 42 Pos 0 Neg 42

B. If appropriate, explain why objectives were not met.

All objectives for reporting period (1 January to 31 December) were met.

C. Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000.

All funds were expended with no cost overruns.

D. Supporting Documents (if applicable) none attached

**indicates information is required per 7 CFR 3016.40 and 7 CFR 3019.5*

Approved and signed by

_____ Date: _____
 Philip T. Marshall (Cooperator)

_____ Date: _____
 Gary W. Simon (ADODR)