Cooperative Agricultural Pest Survey (CAPS)

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2013 CAPS Measures – Participation (Pest Detection Line Item Funding Only)

Measure	2010	2011	2012	2013
Total number of States / Territories	53	52	53	52
Including these territories	PR, VI, GU	PR, VI, GU, CNMI	PR, VI, AS, GU	PR, VI, GU
States Not participating in CAPS	-	2 (AZ, NM)	1 (AZ)	1 (AZ)
States / Territories with Infrastructure	53	51	52	52
States / Territories w/o Infrastructure (Survey Only)	-	1 (CNMI)	1 (AS)	-
States / Territories with Surveys	51	51	52	52
States / Territories w/o Survey (Infrastructure only; No Survey)	2 (IA, NM)	1 (MO)	1 (NM)	-
Total 50 States + Territories Possible	53	54	54	53

2013 CAPS Measures – Priority Pest List

Measure*	2010	2011	2012	2013
Percent of target pests on the CAPS Priority Pest List for which surveys were conducted	88.5%	86.1%	79.0%	78.60%
Total number of Priority Pests	122	122	124	117
Priority Pests targeted for survey	108	105	98	92
Priority Pests not targeted for survey	14	17	26	25
*CAPS only, Farm Bill Surveys not included				

Data derived from the Survey Summary Form (Appendix J-3 of CAPS Guidelines)

2013 CAPS Measures – Surveys

Measure*	2010	2011	2012	2013
Number of unique surveys	154	130	133	119
Number of unique exotic pests for which surveys are conducted	287	295	264	231
Average number of pests per state	16.5	17.0	15.6	16.3
Average number of pests per survey	6.0	6.7	6.1	7.1
Average number of surveys per state	3.0	2.5	2.6	2.3
*CAPS only, Farm Bill Surveys not included				

Data derived from the Survey Summary Form (Appendix J-3 of CAPS Guidelines)

2013 CAPS Surveys

Priority Surveys	# States	State Surveys	# States
Corn Commodity Survey	7	Mollusk Survey	2
Cotton Commodity Survey	4	Citrus Commodity Survey	1
Cyst Nematode Survey	7	Field Crops Pest Survey	1
Exotic Woodborer/Bark Beetle	16	Forest Pest Survey	11
Oak Commodity Survey	6	Fruit Crops Pest Survey	1
Pine Commodity Survey	7	Greenhouse Crops Pest Survey	1
Small Grains Commodity Survey	10	Legume Survey	2
Soybean Commodity Survey	6	Mixed Commodity Survey	2
		Nursery & Retail Plants Pest	19
Grape Commodity Survey	FB	Palm Pest Survey	2
Stone Fruit Commodity Survey	FB	Rice Pest Survey	3
Asian Defoliating Moth Survey	FB	Root Crop Survey	1
Solanaceous / Tomato	FB	Tree Fruit Pest Survey	4
		Vegetable Crops Pest Survey	4

NAPIS Data Entry (All Sources)

Measure	2011	2012	2013 Jan 1 – Aug 1
NAPIS Records	122,707	87,781	7,634
Total number of Priority Pests	122	124	117
Priority Pests targeted for survey (J-3)	105 (86.1%)	98 (79.0%)	92 (78.6%)
Unique pests targeted for survey (J-3)	295	264	231
Unique pests with data entered	747	456	163
Pests with only positive records	235	149	73
Pests with only negative records	401	216	69
Pests with positive & negative records	111	91	21
Priority Pests with negative records	95	87	20
Priority Pests with positive records	25	0	1
Priority Pests with positive & negative records	16	8	2

NAPIS Data Entry (CAPS)

2013 Jan 1 – Aug 1	Measure	2013 Targets
94	Priority Pests: Not on NAPIS List - No data entry	
23	Priority Pests for which data is being entered	92 (78.6%)
117	Total number of Priority Pests	
140	Not Priority Pests - data is being entered	
23	Priority Pests for which data is being entered	
163	Total number of unique pests with data entered	231

2014 CAPS Guidelines

- No major changes
- Continue to split Surveys between CAPS and Farm Bill
- Plan 2014 work at final 2013 funding levels
- Work plans due very soon (COB August 16)
  - Submit through SPHD office
  - SPHD submits to new PPQ SharePoint site
- Complete Survey Summary Form on CAPS R&C site

caps.ceris.purdue.edu

2015 – 2020 Long-Term Planning

- What will the CAPS Program look like in 2020?
  - Incorporate surveys based on sound risk analyses
  - Ensure surveys for high-priority pests in high-risk areas
  - Focus on core national priorities (need to define)
  - Budget driven and flexible with budget uncertainties
- What do we need to do to start moving the Program forward?
  - Just beginning to think about the process
  - Plant Board will be involved via the NCC or otherwise
  - What are your suggestions?
  - Who needs to be at the table?

2015 First Steps

- Survey Gap Analysis
  - How well are we surveying for the highest priority pests in the high risk areas?
  - How close to the mark are we now?
  - Survey vs. Risk audit that is pest centric
- Program Management
  - Need to have all Pest Detection/CAPS agreements on the same calendar schedule (Jan1 – Dec 31).
  - Logistical, reporting, data entry, and financial reasons

NAPIS / IPHIS

- **All Pest Detection / CAPS, and Farm Bill surveys will enter data into NAPIS in 2014.**

CAPS Initiatives

- **Volunteer Survey Guidance**
  - Charged with developing standards, protocols, processes, and other details beyond what is included in the PPQ 2003 Draft Volunteer Guidelines.
  - Provide the CAPS community specific national guidance that will be applicable to various groups of volunteers and local circumstances, but with enough detail to provide national consistency.
  - Result for a state would be a group of motivated volunteers that are knowledgeable in, not only the biology of the pest, but also, the federal and state regulations governing the survey.
  - **These volunteers should be proficient in the task at hand, and be able to report negative data.**

CAPS Initiatives

- **CAPS Recognition**
  - CAPS Guidelines, Appendix Q
  - Call for nominations January 2014
  - Based on work in 2013
  - Set the bar high

CAPS Resource and Collaboration Site
caps.ceris.purdue.edu