

United States Department of Agriculture  
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Plant Protection and Quarantine




## Cooperative Agriculture Pest Survey (CAPS)



*John H. Bowers, Ph.D.*  
National Survey Coordinator  
Emergency & Domestic Programs  
USDA APHIS PPQ  
Riverdale, MD


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## Pest Detection / CAPS Pest & Survey Measures

CAPS Measure	2010 Results	2011 Results	2012 Results
<b>CAPS Participation</b>			
Total number of states/territories	53	54	53
Including these territories	PR, VI, Guam	PR, VI, Guam, CNMI	PR, VI, Am Samoa, Guam
Number of states/territories with Infrastructure	53	51	52
States w/o Infrastructure	-	AZ, NM, CNMI	AZ
Number of states/territories with Surveys	51	51	51
States w/o Survey	IA, NM	MO, AZ, NM	AZ, NM

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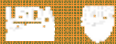


## Pest Detection / CAPS Pest & Survey Measures

CAPS Measure	2010 Results	2011 Results	2012 Results
<b>CAPS Priority Pest List</b>			
Percent of target pests on the CAPS Priority Pest List for which surveys were conducted *	88.5%	86.1%	79.0%
Total number of Priority Pests	122	122	124
Priority Pests targeted for survey	108	105	98
Priority Pests not targeted	14	17	26

As of today, 128 pests have Approved Survey Methods.  
This includes all Priority Pests, as well as a few others because of the immediate need.


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## Pest Detection / CAPS Pest & Survey Measures

CAPS Measure	2010 Results	2011 Results	2012 Results
<b>CAPS Surveys</b>			
Number of bundled surveys *	154	130	133
Number of unique exotic pests for which national surveys are conducted *	287	295	264
Average Number of pests per state	16.5	17.0	15.6
Average number of pests per bundled survey *	6.0	6.7	6.1
Average number of surveys per state *	3.0	2.5	2.6
Average cost per individual survey *	\$19,233	\$18,666	\$19,926

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## Number of States and Territories Conducting Commodity- or Taxon-based Surveys

Survey	2010	2011	2012
Citrus	2	2	1
Corn	-	5	7
Nematodes	11	9	6
Grape	11	6	2
Oak	8	7	3
Pine	6	4	4
Small Grains	6	7	7
Soybean	9	6	5
Stone Fruit	-	-	5
Woodborers & Bark Beetle	18	15	18
Apple	2	-	1
Banana	-	2	1
Colton	1	3	3
Defoliating Moth	3	4	2
Fruit Tree	2	1	7
Nursery	16	21	9
Palm	-	2	1
Rice	2	1	2
Snail	3	2	2
Vegetable / Tomato	-	2	4
General / Forest Pests / Ornamental Crops	-	5	5

**CAPS Priority Surveys**

**State Bundled Surveys**

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## Pest Detection / CAPS Pest & Survey Measures

CAPS Measure	FY 2010 Results	FY 2011 Results	FY 2012 Results
<b>New to the United States</b>			
Percent of significant pest introductions that were detected before they had a chance to spread from the original point of colonization and cause severe economical and/or environmental damage *	88.9%	83.3%	TBD
New or re-introduced into the United States	28	25	12*
Percent listed as reportable/actionable	96.4% (27)	100%	100% *
Number on Priority Pest List	0	3	0*

As of today

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**Pest Detection / CAPS Pest & Survey Measures**

NAPIS Data – 122,707 records	2011 Results
Total number of Priority Pests	122
Priority Pests targeted for survey (J-3)	105 (86.1%)
Unique pests targeted for survey (J-3)	295
Unique pests with data entered into NAPIS	747
Pests with only positive records	235
Pests with only negative records	401
Pests with both positive and negative records	111
Priority Pests with negative records	95
Priority Pests with positive records	25
Priority Pests with both positive and negative records	16

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**2013 Guidelines – Changes Going Forward**

- **Funding Guidance**
  - + Plan with 2012 budget, but be ready to change
- **Tier 2 Infrastructure Eliminated**
  - + Cannot exceed 2012 amount
- **Travel Restrictions – CAPS activities only**
  - + Out-of state – capped at \$5,000
  - + In-state
    - ◆ Travel to conduct surveys — survey work plan
    - ◆ Other travel to support CAPS only

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**2013 Guidelines – Changes Going Forward**

- **Infrastructure Reporting**
  - + New reporting template – Appendix P-1
- **CAPS and Farm Bill Surveys**
  - + Grape, Stone Fruit, and other specialty crops
    - ◆ Not funded through CAPS — Farm Bill
- **Discretionary Surveys Eliminated**
  - + Pests of state concern — bundled w/ Priority Pests
  - + Eliminates the need for 75/25 funding split
- **Infrastructure and Survey**

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**2013 Guidelines – Changes Going Forward**


- **Appendix J-3 – CAPS Survey Form**
  - + Completed online on CAPS R&C site
  - + Must be complete when work plans are submitted
- **AHP Prioritized Pest List**
  - + Update every 2 years only
  - + 2013 same as 2012 (*Planococcus minor* removed)
  - + Effort underway to update the process and model
- **Pest List Changes**
  - + Appendix M-2

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**2013 Guidelines – Changes Going Forward**

- **NAPIS and IPHIS**
  - + High level requirements submitted to IPHIS team
  - + Pilot testing of certain IPHIS functionality
    - ◆ CO, ID, ME
  - + October 1 decision deadline

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