2008 Farm Bill: Section 10201

Plant Pest and Disease Management and Disaster Prevention

Dr. Matt Royer
APHIS-PPQ

National Plant Board Annual Meeting
July 26, 2012

Lessons Learned from Four Years of the Farm Bill Process

- Statute
- Accomplishments
- Improvements
- Survey- NPB
- Timing

The Food, Conservation, and Energy Act of 2008 Sec. 10201

Secretary is to make available Commodity Credit Corporation (CCC) funds to be made available incrementally, starting with $12 M in FY09, $45 M in FY10, and $50 M in FY11 and thereafter.

To establish a threat identification and mitigation program to determine and address threats to the domestic production of crops

Develop risk assessments of the potential threat to the agricultural industry of the US from foreign sources

Collaborate with the NPB, and implement action plans for high consequence plant pests and diseases
The Food, Conservation, and Energy Act of 2008 Sec. 10201

To provide funds and technical assistance... for audit-based certification systems and nursery plant pest risk management systems... to address plant pests

Not a competitive grant program

Suggestion is not confidential

APHIS has flexibility to fund projects

Annual funding, not multiyear

Suggestions are a major part, but not the only input used to prepare a spending plan.

Funds spent by APHIS benefit the states:

- Procuring traps and lures
- Rapid Response assistance
- Developing new technologies for early detection and effective response
- Training personnel and dog teams

These endeavors are appropriate for national oversight.

APHIS Implementation Plan Goals*

1. Enhance Analysis and Survey
2. Target Domestic Inspection Activities
3. Enhance Pest ID & Technology
4. Safeguarding Nursery Production
5. Outreach and Education
6. Enhance Mitigation Capabilities

*Developed in 2008 with extensive stakeholder input.

GOAL 1: Enhance plant pest/disease analysis and survey

- Multi-state surveys with targeted pests
- Pathway and risk analysis

Examples

Goal 1: Multistate surveys for PPV, P. ramorum, grape pests including EGVM, walnut twig beetle, honey bee pests; surveys in FL marinas and canals, collaborative risk assessment tools; a National Survey Supply Procurement Program
GOAL 2: Target domestic inspection activities at vulnerable points in the safeguarding continuum

- Detector Dogs
- Inspection of facilities that receive imported cargo moving inland

Examples
Goal 2: Training dog teams for domestic detection placement in CA and FL, dog teams to detect snails, monitoring critical entry points or interdiction stations in TX and FL

GOAL 3: Enhance and strengthen pest identification and technology

- Detection technology, capacity building, diagnostics
- Mitigation technology

Examples
Goal 3: Developing online pest ID tools, enhancing lab capacity, training cooperators in high risk states, developing rapid and specific molecular pest ID tools, offshore initiatives including the Caribbean

GOAL 4 – Safeguarding Nursery Production

- Testing the concept of harmonized certification standards and pilot projects
- NORS-DUC, mimic production systems
- Validation of audit-based systems for safeguarding nursery production

Examples
Goal 4: NORS-DUC with initial work on P. ramorum; work towards an audit-based system for nursery production; initiatives to develop and pilot harmonized nursery stock certification programs including fruit trees, blueberries and strawberries
GOAL 5: Conduct outreach and education to increase public understanding, acceptance, and support of plant pest and disease eradication and control efforts

- Projects with potential for regional/national impact

Examples

Goal 5: Northeast Forest Pest Outreach and Survey Program to engage public; botanical gardens - pest monitoring/outreach; Tribal outreach; enlisting volunteers for ALB/EAB; website for citrus health; documentary ("Lurking in the Trees") - ALB

GOAL 6: Enhance mitigation capabilities -

- Emerging or relatively new pests
- New Pest Response Guidelines
- Short-term responses; train state cooperators
- Goal of eradication and containment rather than management

Examples

Goal 6: Assistance with 13 separate exotic fruit fly infestations in CA - eradicated without accessing CCC emergency resources; PPV eradication in PA and MI; Giant African Snail in FL; MexFF in TX

CHALLENGES

- Many more suggestions than funds available
- So many suggestions to evaluate
- Many agreements to establish
- Time crunch when near end of FY

Slightly New Approach to FY12

- Take stock of projects funded to date
- Identify projects to continue
- Identify areas of emphasis
Slightly New Approach to FY12

- Validate funded projects against the Section 10201 Implementation Plan
- Update the Implementation Plan Strategies

FY 2012

~60 people engaged including APHIS:
- National Plant Board
- Specialty Crops Farm Bill Alliance
- US Forest Service
- National Institute of Food & Agriculture
- Agricultural Research Service

GOALS   | FY12 Suggestions | FY12 Request |
---------|-----------------|-------------|
1 - Enhance Analysis and Survey | 200 | $ 42,553,670 |
2 - Target Domestic Inspection | 20 | $ 11,803,476 |
3 - Enhance Pest ID and Technology | 109 | $ 13,984,390 |
4 - Safeguard Nursery Production | 39 | $ 5,885,737 |
5 - Conduct Outreach and Education | 75 | $ 8,980,240 |
6 - Enhance Mitigation Capabilities | 77 | $ 16,697,849 |
**Grand Total** | 520 | $ 99,905,362 |

*Duplicate suggestions inflated the numbers.

FY12

- **27 webinars with 556 people**
- **>500 suggestions**: Jan 30 – Mar 4, 2012
- **Engaged stakeholders**: to improve the process, review suggestions, develop a plan.
- **>320 projects funded**: hundreds of cooperators; 50 states & 2 territories, universities, other USDA agencies, tribal nations, and non-profit organizations.
**GOAL FY12 Projects FY12 Funded**

1. Enhance Analysis & Survey 149 $16,348,608
2. Domestic Inspection 12 $6,897,029
3. Enhance Pest Identification and Technology 55 $5,850,911
4. Safeguard Nursery Production 21 $2,477,248
5. Outreach and Education Programs 43 $3,800,000
6. Enhance Mitigation 44 $9,751,091

**TOTAL** 324

April 3-4, 2012
PDC, Frederick, MD
Please select your agreement or disagreement with the following statements.

- Agree Strongly
- Agree
- Neutral
- Disagree
- Disagree Strongly

The review and ranking process was improved in 2012.

1. Survey & Analysis
2. Domestic Inspection
3. Pest Identification & Technology
4. Safeguarding Nursery Systems
5. Outreach & Education
6. Enhanced Mitigation

FY12 Project Funding

FY 2009: <1 mo
FY 2010: 6 mo
FY 2011: 13 mo
FY 2012: 5 mo

Planning (includes open period) to projects

When should we begin the FY13 process?

- March - May
- June - August
- Sept - November
- December - February

Online Survey
When should the FY13 project list be finalized?

- March - May
- June - August
- Sept - November
- December - February

Online Survey

2008 Farm Bill - Section 10201
www.aphis.usda.gov/section10201

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APHIS-PPQ
4700 River Road
Riverdale, MD 20737

Organizations: FY12 Section 10201

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<thead>
<tr>
<th>Organizations</th>
<th>Organizational Input</th>
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<td>ARS</td>
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<td>Grand Total</td>
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FY12 Section 10201 Reviewers:

- Alan Dowdy
- Erich Rudyj
- Mary Palm
- Andrea Simao
- Geir Friisoe
- Matt Royer
- Anthony Man-Song-Hing
- Hallie Zimmers
- Mike Cooper
- Bob Rabaglia
- Heather Curlett
- Mikell Tanner
- Brian Kopper
- Jeff Sanders
- Nick Condos
- Bruce Moltzan
- Joe Cavey
- Norm Barr
- Camille Chapman
- Joel Floyd
- Patricia Douglass
- Carl Etsitty
- John Bowers
- Paul Larkins
- Carl Preddy
- Jonathan Jones
- Paula Henstridge
- Carl Schulze
- Kam Quarles
- Prakash Hebbar
- Carol Holko
- Katherine Hough
- Richard Gaskalla
- Carolyn Pizzo
- Ken Bloem
- Robert Bailey
- Charla Hollingsworth
- Kevin King
- Robert Leavitt
- Charlie Brown
- Kristian Rondeau
- Robin Rosenbaum
- Christel Harden
- Kurt Zeller
- Robyn Rose
- Collin Wamsley
- Leon Bunce
- Ron Weeks
- Craig Regelbrugge
- Lin Schmale
- Russ Bulluck
- Dan Borchert
- Lisa Beckett
- Scott Pfister
- Dan Hilburn
- Lisa Jackson
- Stacy Scott
- Dave Lance
- Lisa Kennaway
- Suzanne Bond
- Dave McNeal
- Lisa Peraino
- Terry Walker
- Deb Fravel
- Lora Katz
- Tim McNary
- Denise Pulsone
- Marc Teffeau
- Todd Dutton
- Don Seaver
- Marty Draper
- Wayne Dixon
- Matt Holzschuh
- Scott Hixson
- John Lane
- Rich Woeste
- John Sciandra
- Steve Warner
- Steve Powers
- Scott Perry
- Dave Waddell
- Jeff Santucci
- Tyler Warner
- Tara Warner
- Trell Dunbar
- Steve Armstead
United States Department of Agriculture
Animal and Plant Health Inspection Service
Plant Protection and Quarantine

1. Analysis 1- Survey 2- Domestic Inspection 3- Pest ID & Technology 4- Nursery Systems 5- Outreach & Education 6- Enhanced Mitigation 7- Other

Carl Schulze Andrea Simao Carolyn Pizzo
Bob Rabaglia Anthony Man-Song-Hing Carl Etsitty Alan Dowdy Camille Chapman Aurelio Posadas Dan Borchert Anthony Man-Song-Hing Kam Quarles Collin Wamsley Craig Regelbrugge Christel Harden Andrea Simao Carl Preddy Denise Pulsone

Dan Hilburn Brian Kopper Kevin King Dave Lance Erich Rudyj Hallie Zimmers Carol Holko Jeff Sanders Jane Berkow Lisa Kennaway Bruce Moltzan Lisa Beckett Deb Fravel Leon Bunce Heather Curlett Charla Hollingsworth Jim Allan

FY12 Section 10201 Teams

FY10 - GOAL

<table>
<thead>
<tr>
<th>Project Count</th>
<th>FY10 Funding</th>
<th>FY10 Requested</th>
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<tr>
<td>1. Survey &amp; Analysis</td>
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<tr>
<td>2. Domestic Inspection</td>
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<td>3. Pest Identification &amp; Technology</td>
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<td>4. Safeguarding Nursery Systems</td>
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<td>5. Outreach &amp; Education</td>
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<td>6. Enhanced Mitigation</td>
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SUGGESTION COUNT 232

TOTAL 279 $43,595,977* $73,840,298

FY11 - GOAL

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<th>Project Count</th>
<th>FY11 Funded</th>
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<td>2. Domestic Inspection</td>
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<td>3. Pest Identification &amp; Technology</td>
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<td>6. Enhanced Mitigation</td>
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<td>$11,024,475</td>
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TOTAL 312 $45,876,125 $124,155,981

SUGGESTION COUNT 539

FY10

- Stakeholder webinar and meeting
- Online survey by NPB
- > 230 suggestions received via NPB website
- Requests= $73,840,298 (exceeding $45 M)
- 270 projects with hundreds of cooperators in 50 state departments of agriculture, universities, other USDA agencies, and non-profit organizations

FY11

- 3 public webinars
- 539 suggestions received, May 3 – June 18, 2010
- Requests= $124 M, far exceeding $50 M
- Engaged stakeholder representatives when reviewing suggestions and developing a draft spending plan.
- Over 300 projects were funded with hundreds of cooperators in 50 state departments of agriculture, universities, other USDA agencies, tribal nations, and non-profit organizations.