Plant Protection and Quarantine

Osama El-Lissy
Deputy Administrator

2015 North American Plant Protection Organization Annual Meeting
Memphis, Tennessee
Safeguarding Agriculture
Facilitating Safe Trade
Strategic Focus

Mission:
We safeguard U.S. agriculture and natural resources against the entry, establishment, and spread of economically and environmentally significant pests, and we facilitate safe international trade of agricultural products.

Goals:
Integrate and streamline our safeguarding system
Optimize our pest management and eradication programs
Increase the safety of agricultural exports and imports
Safeguarding Agriculture

Offshore Programs
- Permitting

Border and Port Inspection
- Pest Identification and Mitigation

Smuggling Interdiction and Trade Compliance
- New Pest Detection and Response

Eradication Programs
- Management Programs

Agriculture Quarantine Inspection (AQI) - PPQ
- Risk assessment, analysis, modeling
- Policy development
- Pathway and trend analysis
- Inspection protocols, sampling rates
- Identification and diagnostic standards and protocols
- Treatment and mitigation protocols
Facilitating Safe Trade

Value of U.S. Agricultural Trade (Billion dollars)

- Exports $152.5
- Imports $109.2

PPQ’s Role
- International Standards Setting
- Resolving Phytosanitary Export-Import Issues
- Export Certification
Key Initiatives, 2015-2016

- Adjusting AQI User Fees
- Setting a New Direction for the EAB Program
- Delivering Practical Tools to Combat Citrus Greening
- Strengthening Safeguarding
- International Phytosanitary Harmonization
- Regional Harmonization
- Expanding Foreign Market Access for U.S. Exports
Adjusting AQI User Fees

234 comments received on the proposed rule

$113 million in revenue generation
EAB Program: Setting a New Direction

EAB distribution continues to expand

New strategic direction
- Biocontrol
- Development of EAB-resistant American ash species

Will pursue increased funding
Delivering Tools to Combat Huanglongbing

Increased biocontrol production and release

Thermotherapy available for individual trees; available soon for entire groves

Using soil acidification in Florida commercial groves

Field testing antimicrobials
Strengthening Safeguarding

Risk modeling
New diagnostic tools
Offshore nursery certification approach
Seed health
International Phytosanitary Harmonization

International and regional standards: The building blocks of safe, predictable trade

PPQ's IPS
Harmonization Advisory Group
Regional Harmonization: NAPPO, RCC, BTB

Promote expansion of safe trade between United States, Mexico, Canada

Continue to pursue regulatory cooperation, perimeter approach to security
Wood Packaging Material and ISPM 15

Beyond the Border is developing a wood packing material pilot

Goal: Move WPM inspections away from our shared land border to the perimeter

New ISPM 15 Implementation Workshop planned
Program Update

**Boll Weevil**

- 9.5 million acres of cotton planted in U.S. in 2015
- Boll weevil eradicated from 99.5% of all cotton acreage

**Texas**
- 59,842 acres of cotton planted Lower Rio Grande Valley
- 2,738 boll weevils captured in 2015
- 205,000 acres sprayed

<table>
<thead>
<tr>
<th>Year</th>
<th>Boll weevils captured</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>209,860</td>
</tr>
<tr>
<td>2012</td>
<td>207,833</td>
</tr>
<tr>
<td>2013</td>
<td>59,596</td>
</tr>
<tr>
<td>2014</td>
<td>640</td>
</tr>
<tr>
<td>2015</td>
<td>2,738</td>
</tr>
</tbody>
</table>
Program Update

**Pink Bollworm**

- No pink bollworms captured in last 3 years (2013-2015)
- “Confirmation of eradication” process takes 4 years
- All programs in year 3 of confirmation process
- Testing remotely piloted aircraft to deliver targeted, rapid response to small-scale outbreaks, if needed
Citrus Health Response Program

- ACP quarantine area in California and Texas expanded
- HLB quarantine area in Texas expanded, includes entire citrus-producing area
- Ten residential trees in California tested positive for HLB
- Implemented area-wide management in Florida and Texas
- Will remove seed from list of HLB-regulated articles
Program Update

**European Grapevine Moth**

- No detections in 2015
- Quarantine area: 446 square miles in Napa and Sonoma counties
- Eradication is possible

<table>
<thead>
<tr>
<th>Year</th>
<th>EGVM Detected</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>100,959</td>
</tr>
<tr>
<td>2011</td>
<td>146</td>
</tr>
<tr>
<td>2012</td>
<td>77</td>
</tr>
<tr>
<td>2013</td>
<td>40</td>
</tr>
<tr>
<td>2014</td>
<td>1</td>
</tr>
<tr>
<td>2015</td>
<td>0</td>
</tr>
</tbody>
</table>
Program Update

**Fruit Fly**

California:
- Four Oriental fruit fly quarantines, with one eradicated
- Two MedFly quarantines, with one eradicated
- One guava fruit fly quarantine, recently eradicated

Texas:
- Three Mexican fruit fly quarantines, with two eradicated
- One is pending; we expect it to end in early November

Florida:
- One Oriental fruit fly quarantine; we expect to eradicate in February 2016

Puerto Rico:
- One MedFly quarantine, which was eradicated
Program Update

Potato Cyst Nematode

- 10,316 PCN-regulated acres in Idaho
- 2,867 acres are infested fields
- Viable nematode cysts no longer detected in 13 of the 26 infested fields due to annual eradication treatments
- No PCN detections outside the 7.5 mile radius in the two Idaho counties
- Canada, Japan, Korea, Mexico reopened export markets
Program Update

Asian Longhorned Beetle

- ALB eradicated from Illinois (2008); Islip, NY (2011); New Jersey, Staten Island and Manhattan, NY (2013); Boston, MA (2014)
- Delimiting surveys completed in Worcester, MA, continue in Tate Township, OH, and Central Long Island, NY
- Final year of chemical treatments completed in Ohio satellite quarantines with no new detections since 2013
- 2016 – Complete final surveys in Eastern Queens, NY; start final surveys in Western Queens and Brooklyn, NY.
Program Update

Asian Gypsy Moth

- National moth survey in eight states
  - AK, CA, MN, NC, OK, OR, UT, and WA
- 42 EGM and 10 AGM detected in Washington and 2 AGM and 12 EGM in OR in 2015; detections centered on Seattle and Vancouver areas near ports
  - Working closely with the States and USFS on a response plan
- Pre-departure vessel inspection program continues with Canada, China, Japan, Russia and South Korea
- Working on a comprehensive update of the Gypsy Moth Program Manual
We can have the best vision, policies, organizational structure, processes, and protocols, but it’s the people that matter most.

Thank you for your dedication, passion, commitment, perspective, expertise, creativity, innovation, and collaboration!
Thank you!