

# National Plant Board Update

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# The National Plant Board is...

## Western Plant Board



- President: Helmuth Rogg, OR
- Vice-President: Mia Kirk, AK
- Alternate: Brad White, WA

## Central Plant Board



- President: Brian Kuhn, WI
- Vice-President: Dan Kenny, OH
- Alternate: Megan Abraham, IN

## Eastern Plant Board



- President: Chris Logue, NY
- Vice-President: Piera Siegert, NH
- Alternate: Dana Rhodes, PA

## Southern Plant Board



- President: Phil Wilson, NC
- Vice-President: Trevor Smith, FL
- Alternate: Ansel Rankins, LA



# Mission statement

Provide leadership in developing and implementing science-based regulatory policies and plant health programs, enable trade, and protect the natural resources and the agricultural economy of the United States.

## The National Plant Board works to...

...help protect agriculture, the environment, and the nation's economic well-being from the harm that serious plant pests could cause.

## Common activities...

- Pest detection
- Regulation and quarantine
- Response to pests
- Communication and outreach



# Cooperation on Regional, National, and International Level

**Regional:** Cooperation with neighboring states on emerging pest issues

**National:** Cooperation with USDA-APHIS-PPQ, US Forest Service

**International:** Cooperation with RPPO, such as NAPPO, EPPO

**Common Goal:** Protecting State and Country from New Invasive Pests

## How Achieved?

- State and Federal Quarantine Regulations
- State and Federally Funded Pest Surveys
- State and Federal Eradication Projects
- State and Federal Management Options: Biocontrol
- Outreach with all stakeholders



# Pest Detection & Cooperative Agricultural Pest Survey (CAPS)



# 2017 CAPS – PPQ – Farm Bill Surveys - Basics

2017 Measures	CAPS	PPQ	Farm Bill	FB Natl Priority
States and Territories	52 ↔	47 ↑	52 ↑	46 ↑
Total Number of Surveys *	122 ↑	157 ↑	180 ↑	115 ↑
Average number of surveys per state *	2.4 ↑	3.3 ↑	3.5 ↑	2.5 ↑
Total Number of Unique Exotic Pests for which national surveys were conducted *	248 ↑	116 ↑	256 ↓	223 ↑
Average Number of Pests per State	18.6 ↑	11.4 ↑	33.3 ↑	16.4 ↑
Average Number of Pests per Survey *	7.9 ↑	3.4 ↓	9.6 ↑	6.6 ↓

CAPS & PPQ: Pest Detection funding  
Farm Bill: Goal 1 Survey

↑ = increase; ↓ = decrease, ↔ = equal to 2016 metric



# 2017 Pest Detection Surveys

2017 Measures	CAPS	CAPS w/o FB Pests #	PPQ	PPQ w/o FB Pests #	CAPS + PPQ w/o FB Pests #
Number of 2017 Priority Pests	157 ↓	136 ↑	157 ↓	127 ↔	140 ↑
Number Priority Pests with Survey	129 ↑	129 ↑	77 ↑	77 ↑	135 ↑
Percent Priority Pests with Surveys *	82.2% ↑	94.9% ↑	49.0% ↑	60.6% ↑	96.4% ↑
Number Priority Pests with No Survey	28 ↓	7 ↓	80 ↓	50 ↓	5 ↓
Additional Pests Targeted for Survey	119 ↑		39 ↑		141 ↑
Unique Pests Targeted for Survey *	248 ↑		116 ↑		276 ↑

# Removed those pests from the Priority Pest List that appear only in Farm Bill surveys

↑ = increase; ↓ = decrease, ↔ = equal to 2016 metric



## 2018 CAPS Surveys & Funding

Priority Surveys	#	Funding
Corn Commodity Survey	12	\$ 221,545
Cotton Commodity Survey	2	\$ 42,997
Cyst Nematode Survey	3	\$ 27,174
Woodborer/Bark Beetle Survey	21	\$ 594,195
Mollusk Survey	6	\$ 94,937
Oak Commodity Survey	5	\$ 81,026
Pine Commodity Survey	4	\$ 147,549
Small Grains Commodity Survey	7	\$ 121,991
Soybean Commodity Survey	7	\$ 63,297
Tropical Hosts Commodity Survey	3	\$ 50,831
<b>Totals</b>	<b>70</b>	<b>\$ 1,445,542</b>

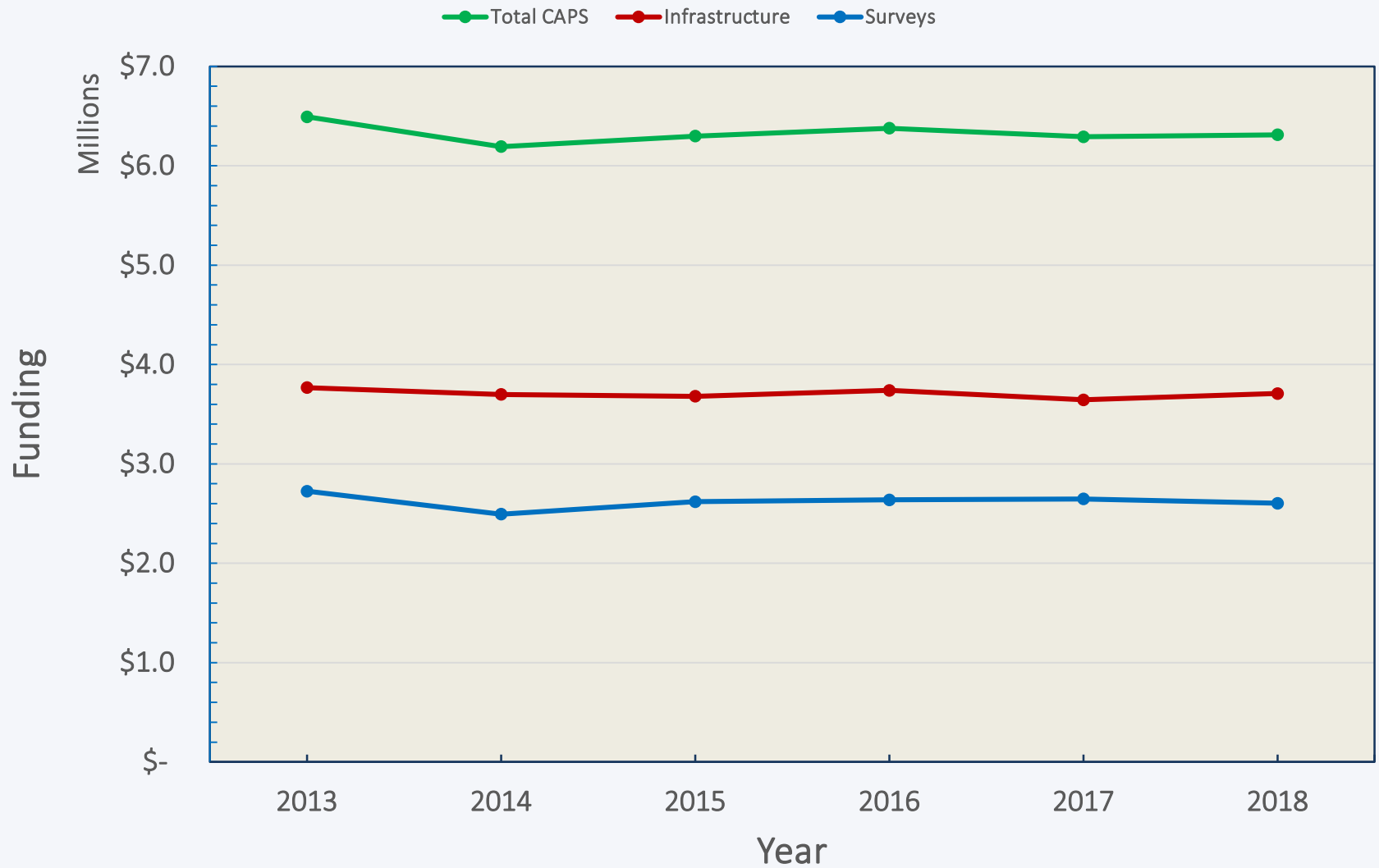
<b>Total CAPS Survey</b>	<b>121</b>	<b>\$ 2,604,045</b>
<b>Total CAPS Infrastructure</b>	<b>50</b>	<b>\$ 3,708,045</b>

State Bundled Surveys	#	Funding
Cerceris Bio-surveillance Survey	1	\$ 16,050
Citrus Commodity Survey	1	\$ 5,200
Exotic Phytoplasma Survey	1	\$ 18,542
Field Crops Pest Survey	8	\$ 181,687
Forest Pest Survey	13	\$ 388,199
General Nematode Survey	2	\$ 83,551
Nursery & Retail Plants Pest Survey	19	\$ 387,923
Palm Pest Survey	1	\$ 6,000
Rice Pest Survey	1	\$ 25,550
Solanaceous Crops Survey	1	\$ 3,000
Vegetable Crops Pest Survey	3	\$ 42,801
<b>Totals</b>	<b>51</b>	<b>\$ 1,158,503</b>

<b>Total CAPS</b>	<b>\$ 6,312,090</b>
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## CAPS Funding 2013 - 2018



# 2016-17 Farm Bill National Priority Surveys

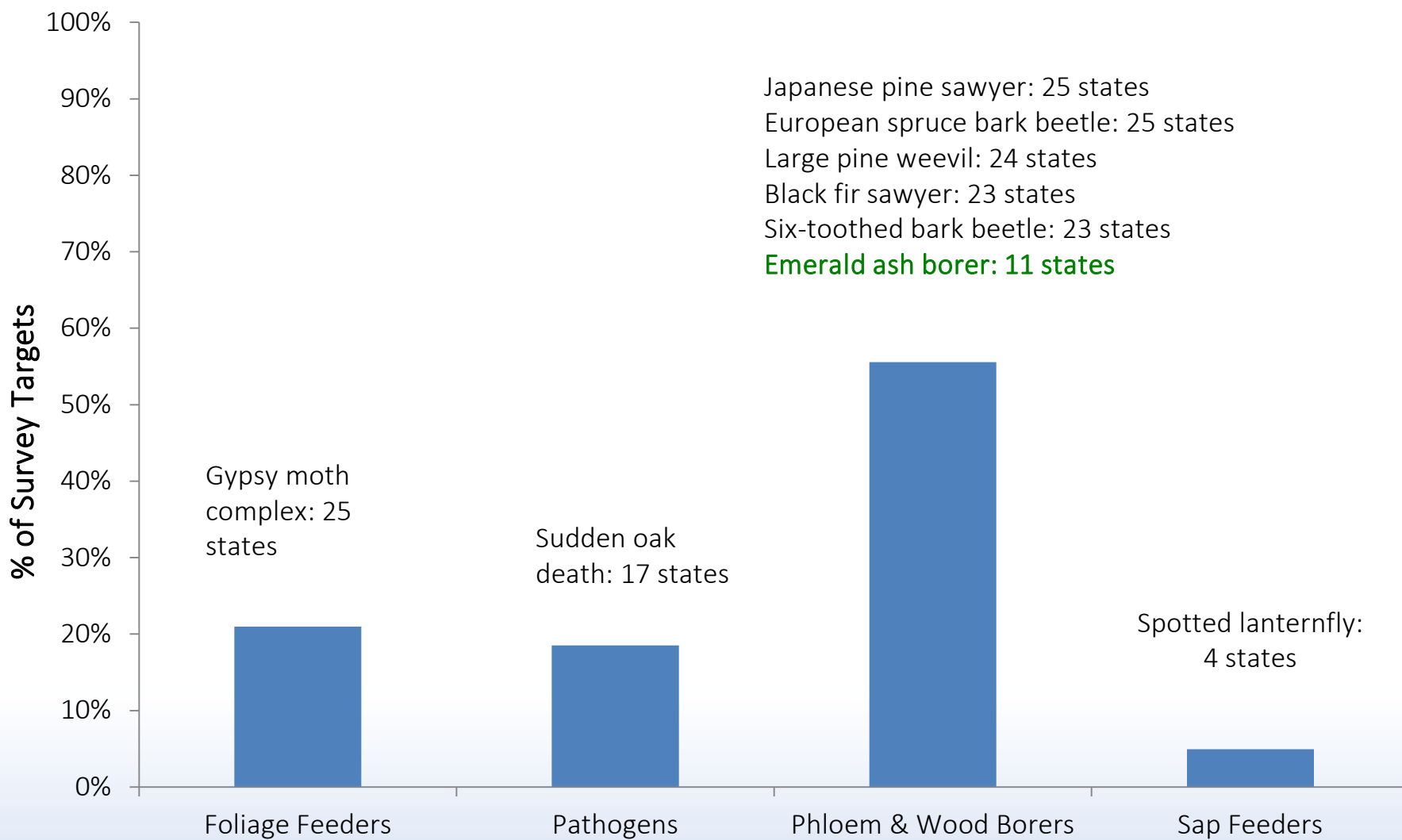
Surveys	2016		2017	
	#	Funding	#	Funding
Asian Defoliator Survey	10	\$ 1,107,902	13	\$ 1,166,298
Citrus Commodity Survey	2	\$ 494,556	2	\$ 482,000
Cyst Nematode Survey	7	\$ 282,762	8	\$ 345,188
EWB/BB - Forest Pests	11	\$ 618,257	9	\$ 435,205
Grape Commodity Survey	15	\$ 464,255	17	\$ 725,690
Nursery and Ornamental Survey	2	\$ 153,000	2	\$ 185,000
Palm Commodity Survey	2	\$ 75,000	10	\$ 676,146
Orchard / Apple / Fruit Survey	12	\$ 507,714	11	\$ 495,935
Pathway Survey for Pests of Multiple Agricultural Systems	3	\$ 283,703	3	\$ 174,438
Small Fruit / Mixed Berry Commodity Survey	5	\$ 202,932	5	\$ 155,031
Solanaceous/Tomato Commodity Survey	10	\$ 364,638	17	\$ 675,509
Stone Fruit Commodity Survey	7	\$ 757,547	9	\$ 509,333
Terrestrial Mollusk Survey	1	\$ 18,092	1	\$ 18,145
<b>Totals</b>	<b>85</b>	<b>\$ 4,835,802</b>	<b>105</b>	<b>\$ 5,561,918</b>
Percent of Total G1S	49.1%	41.6%	54.1%	46.1%
Percent of Total Farm Bill	18.5%	9.1%	21.6%	10.5%



# Pest Detections

CAPS Measure	2014	2015	2016	2017
<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 *	88.2%	92.3%	93.8%	95.2%
New or re-introduced into the United States	17	13	19	21
Percent listed as reportable/actionable	100%	100%	100%	100%
Number on Priority Pest List	3	0	1	1

## % CAPS and Farm Bill Survey Targets by Feeding Guild 2017



# SANC update...

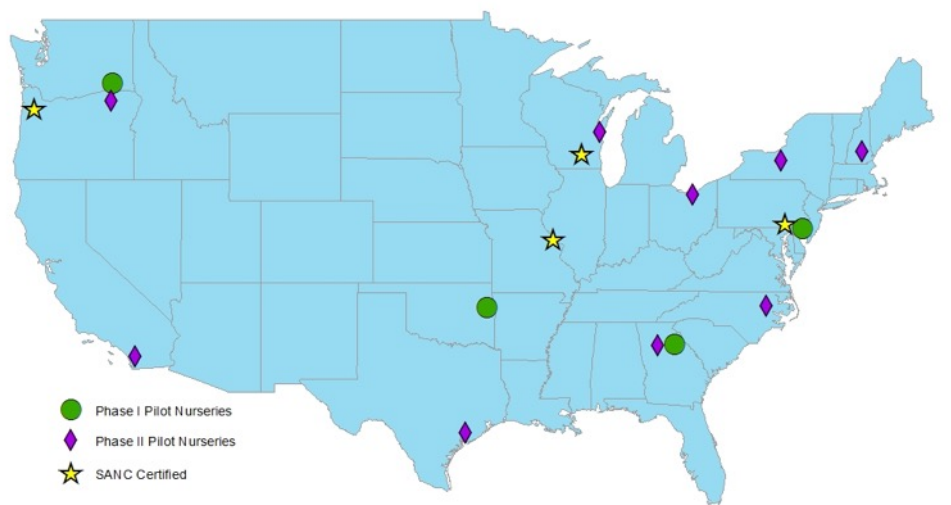
5 nurseries currently shipping SANC-certified materials -  
Conard-Pyle, PA, Forrest-Keeling, MO, McKay  
Nursery, WI, Oregon Pride Nursery, OR, North  
Creek, PA

Nurseries nearing SANC certification -

Walla Walla Nursery, WA, Greenleaf Nursery, OK, Southeastern  
Growers, GA, additional nursery in PA

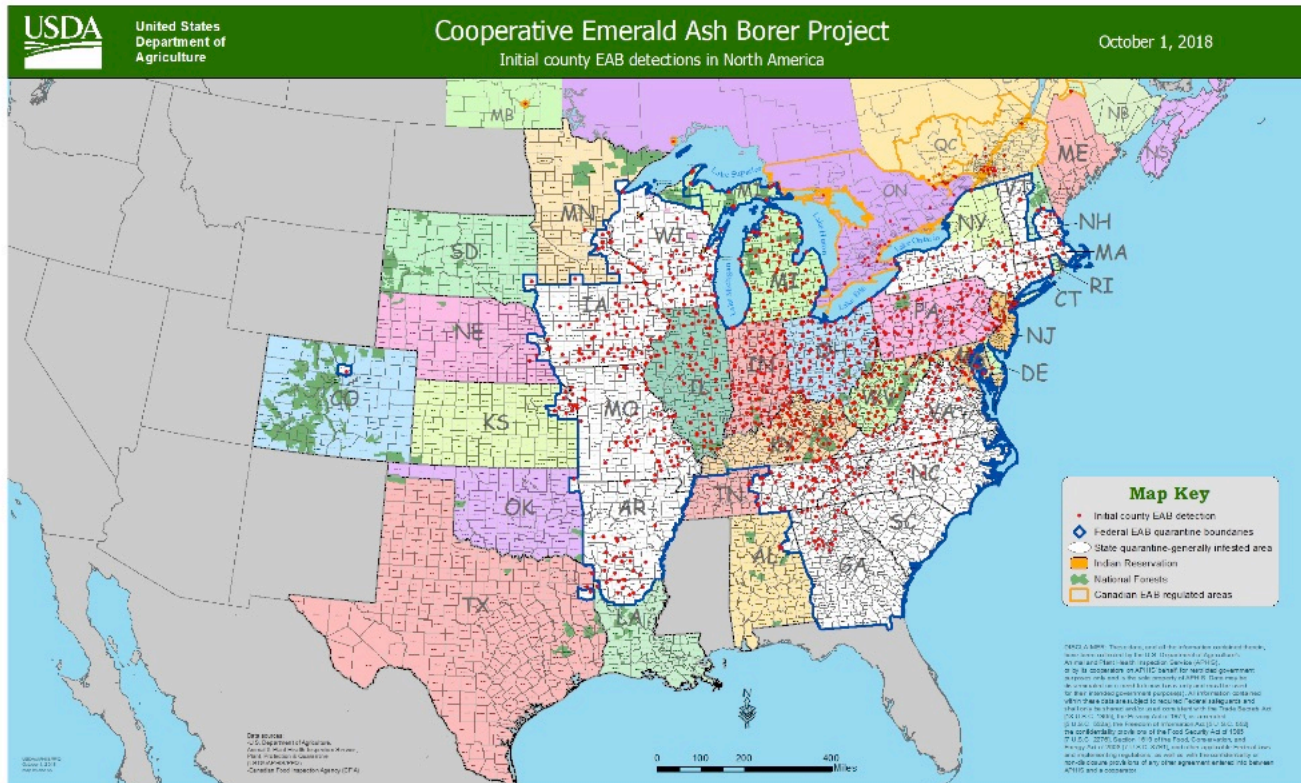
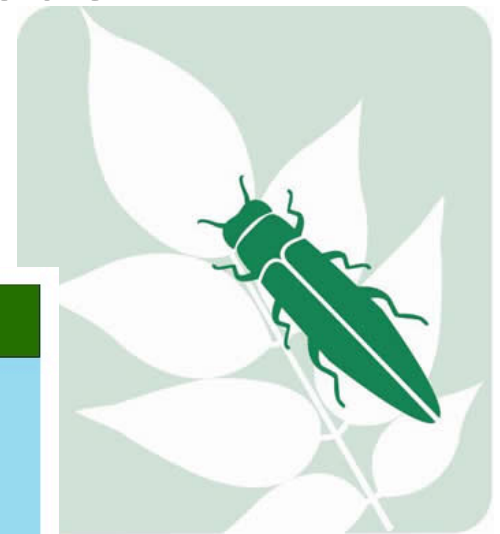
Nine Phase 2 Pilot Nurseries

Goal to have SANC as a “live” program by 2021.



# EAB deregulation

- Consequences: NPB discussing model firewood regulation for states



# Firewood...

- Firewood is a recognized pathway for the spread of EAB and other destructive forest pests
- Many states lean on EAB regulations to limit inter-state movement of firewood
- PPQ requested NPB input on the pathway, regulation of movement of firewood between states, & paths forward
- NPB sent survey to member states to collect information about preferences
- NPB working group planned for reviewing collected information



# NPB Firewood Working Group

Criteria	AL	AK	AR	OR
Definition				Firewood” means any whole or split pieces of wood
Responsible Agency				Oregon Department of Agriculture
Label				Optional labeling for untreated Pacific Northwest Firewood
Quarantine Restrictions				
Treatment Options				Heat treated 60/60

# Oregon's Exotic Wood Borer Surveys (1997 – Present)

## Scientific Name

## Common Name

## New To:

<i>Agrilus cuprescens</i>	rose girdler	W Oregon
<i>Arhopalus syriacus</i>	a longhorned borer	PNW
<i>Cyclorhipidion bodoanum</i>	an ambrosia beetle	PNW
<i>Cyclorhipidion pelliculosum</i>	an ambrosia beetle	W North America
<i>Dendrocranulus curcurbitae</i>	a bark beetle	PNW
<i>Euplatypus compositus*</i>	a pinhole borer	W North America
<i>Gnathotrichus materiarius*</i>	an ambrosia beetle	W North America
<i>Hylastes opacus</i>	a bark beetle	W North America
<i>Hylotrupes bajulus*</i>	old house borer	Oregon
<i>Megacyllene robiniae</i>	locust borer	W Oregon
<i>Micromalthus debilis</i>	micromalthid beetle	PNW
<i>Monarthrum fasciatum*</i>	banded ambrosia beetle	W North America
<i>Monarthrum mali*</i>	apple wood stainer	W North America
<i>Nathrius brevipennis</i>	a longhorned borer	PNW
<i>Neoclytus acuminatus</i>	red-headed ash borer	W Oregon
<i>Oxoplatypus quadridentatus*</i>	a pinhole borer	W North America
<i>Phymatodes testaceous</i>	a longhorned borer	W United States
<i>Pityophthorus juglandis</i>	walnut twig beetle	W North America
<i>Prostephanus truncatus</i>	a false powderpost beetle	W North America
<i>Tremex columba</i>	pigeon tremex	PNW
<i>Xiphydria maculata</i>	a small wood wasp	PNW
<i>Xiphydria prolongata</i>	a small wood wasp	W North America
<i>Xyleborinus attenuatus</i>	an ambrosia beetle	United States
<i>Xyleborus pfeili</i>	an ambrosia beetle	W North America
<i>Xyletorinus politus</i>	an ambrosia beetle	W United States
<i>Xylosandrus crassiusculus*</i>	granulate ambrosia beetle	W North America
<i>Xylosandrus germanus</i>	black twig borer	PNW
<i>Xylotrechus hircus*</i>	a longhorned borer	North America
<i>Xylotrechus sagittatus*</i>	a longhorned borer	W North America

\*Not known to be established



# National Plant Board



THANK YOU!