

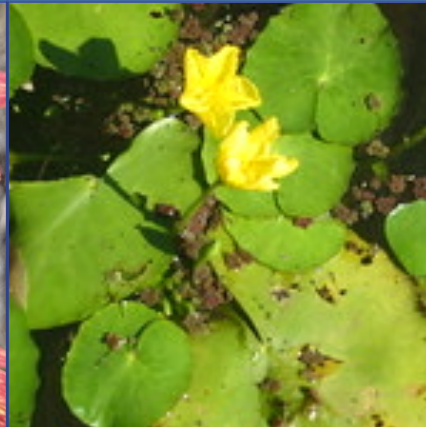
# Plant Protection & Conservation

Board of Agriculture  
February 23, 2023



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# The Programs



Industrial  
Hemp

Alan

Hanson

*May 2022*

IPPM

Cody

Holthouse

*Aug 2022*

Native Plant

Troy

Abercrombie

*February 2023*

Noxious  
Weeds

Troy

Abercrombie

*February 2023*

Nursery

Chris

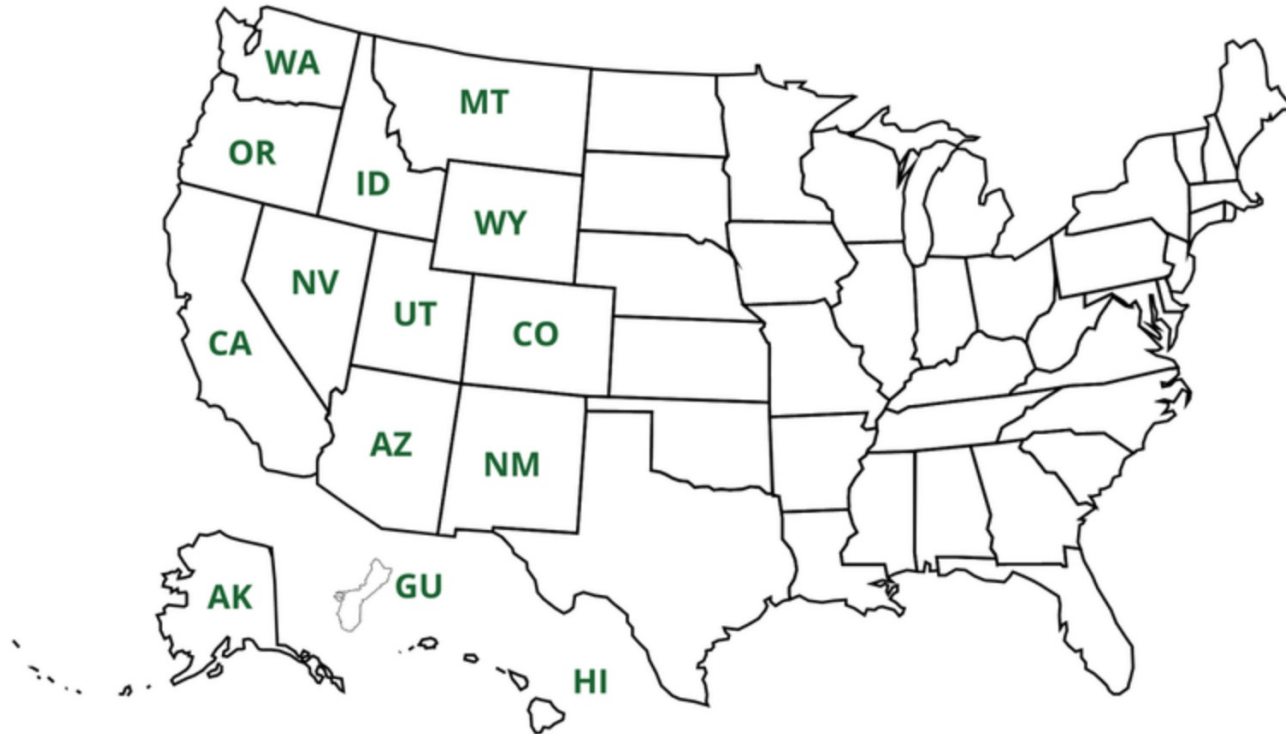
Benemann

*Nov 2020*



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# National Plant Board



**GOAL:**  
Protect U.S. agricultural and natural resources.

**METHOD:** Collaborative leadership to develop and implement:

- Regulatory policies and plant health programs
- Facilitate trade

**BENEFIT:**

*Fosters relationships with other plant regulatory agencies.*



# Oregon Invasives Species Council




**Oregon Invasive Species Online Hotline** Learn Search Reports Report Now Log in


## Emerald Ash Borer (*Agrilus planipennis*) on Jul 28, 2022

Description of specimen Submitter does not have a specimen  
**EDRR Status:** Local expert notified

Ash tree exhibiting dieback and presence of galleries



Location




One ash tree near lamppost in parking island at NW corner of property. This tree is exhibiting street and dieback and has some beetle galleries just below dead branches. Possible EAB. Might be a good place to place traps for monitoring. -Justin Marble, Arborist

Expert Reviewer

**TV Tom Valente**  
Oregon Department of Agriculture

Commentary

**TV** Thank you for your report! This is near the original detection in Washington Co. *Tom Valente*  
July 28, 2022, 2:34 p.m.

 This is not EAB. The tree was inspected and no EAB signs were found. *Wyatt Williams*  
July 28, 2022, 4:28 p.m.

- Government, NGO, academic members
- ODA is the fiscal agent
- Outreach & Education
- Source for reporting invasive species



# Hemp Program



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# 2022 Program Updates



- Tested approximately 50% of licensed growers throughout the State
- Approximately 4% failed Presumptive Testing compared to 13% in 2021



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# 2022 Hemp Updates

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# 2023 Plans

- We will begin to conduct inspections on licensed Handlers beginning early summer.
- Develop website inspections to identify licensee who are selling artificially derived cannabinoids online.



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# Hemp Program Challenges



- The number of hemp licenses continue to drop, which directly impacts the program budget.
- Two positions have become vacant and will not be replaced until we have a better picture of our 2023 budget position.



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# Insect Pest Prevention & Management Program

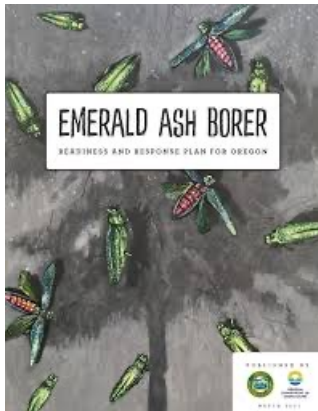


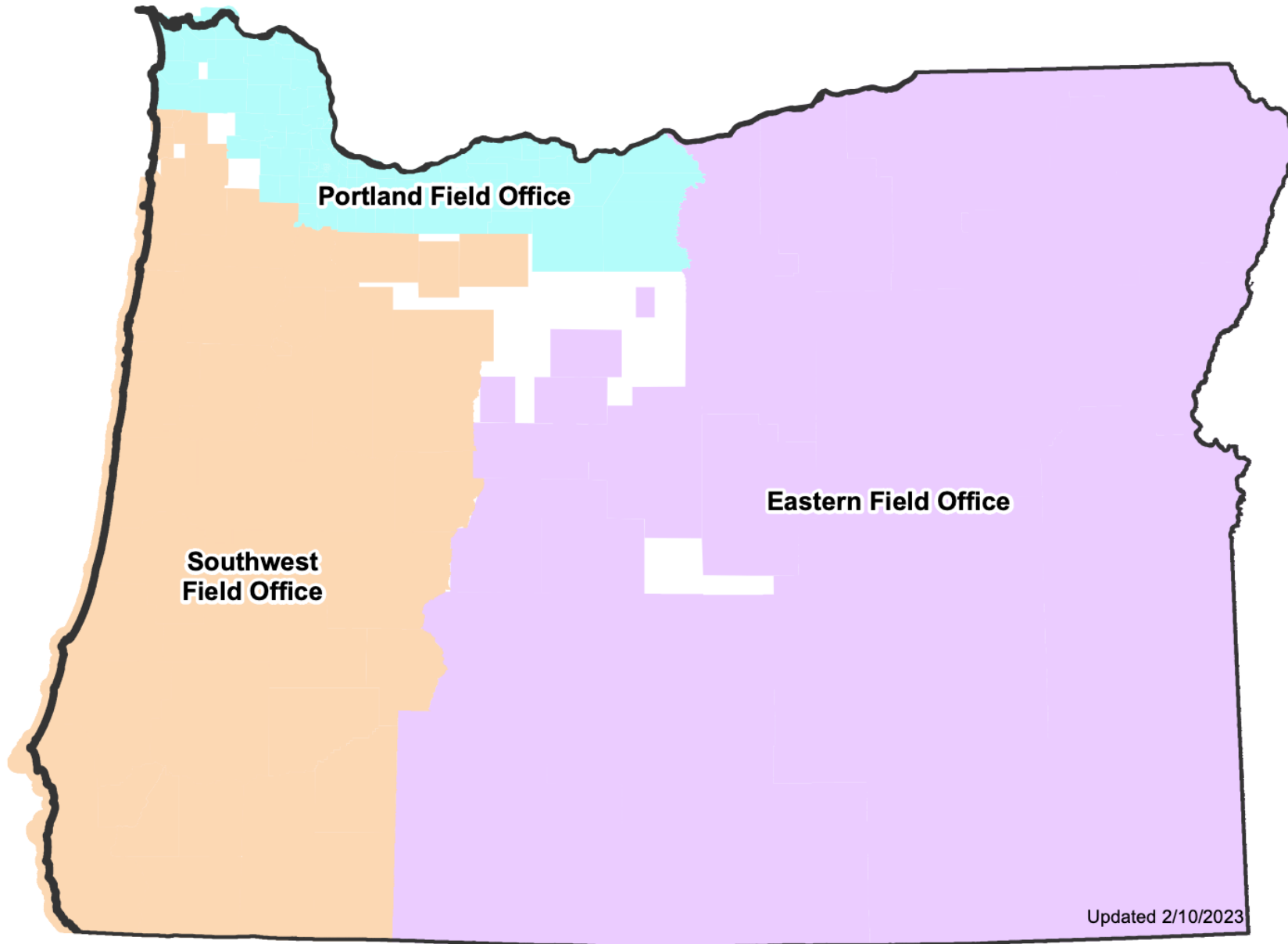
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# Insect Pest Prevention & Management



- Survey & Detection of invasive insect pests
  - Protects market access
  - Protects Oregon through EDRR approach
- Identification lab & Museum
  - Provides identification services, pest risk assessments, and inspections for several state and federal permit programs
- Data shared statewide, nationally, and internationally





- 16 permanent staff
- 4 limited duration
- Up to 40 seasonals hired annually for survey/trapping work.

Updated 2/10/2023



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# Activities

## Surveys & Detection

- *Spongy moth*\*
- Japanese beetle
- *Grasshopper & Mormon cricket*\*
- *Solonaceous pests*\*
- *Orchard pests*\*
- **Emerald ash borer**
- **Vine mealybug**
- Apple maggot
- *Invasive woodborer & hornet*\*
- *Spotted lanternfly, railways*\*

## Biocontrol

- *Brown marmorated stink bug*\*
- *Emerald ash borer*\*

## Treatment Programs

- Japanese beetle
- *Spongy moth*\*

\*USDA-APHIS, PPA 7721 Funded



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# Accomplishments

- 60% decrease in Japanese beetle catches between 2019-2022
  - 30% decrease in treatment area planned for 2022-2023
- Secured ~\$1 million in federal funds (PPA 7721) to implement work for 13 different statewide projects
- Emerald ash borer statewide response:
  - Granted \$550,000 (E board) to provide initial monetary support to on the ground efforts and bolster ODA resources.
  - Established temporary quarantine
  - Implemented strategic & collaborative response effort to SLAM



# Challenges

- Consistent threat of new invasives with limited resources
  - *Who else?*
- Lack funding to execute EDRR framework
  - *Sometimes early detection and response is not often rapid*



# Native Plant & Conservation Program



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# Native Plant Conservation Program

- Oversees the conservation and management of Oregon's threatened and endangered plant species.
- Ecological and cultural significance
- Can be indicators of ecosystem health & functionality



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# Native Plant Conservation Program

- Four permanent staff + seasonal staff
- Based in Corvallis
- OSU Botany & Plant Pathology Labs
- State funds, grants & assistance agreements



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# Native Plant Conservation Program

- Assist state/local governments with management
- Conduct research that supports recovery
- Permitting for restoration & external research



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# Native Plant Conservation Program

- 2021-2023 Accomplishments
  - Critical mitigation & restoration w/ODOT & ODOE
  - Recruited and convened key stakeholder group
- 2023 Goals & Priorities
  - Buildout of partner network
  - Candidate species evaluation & supporting data collection
  - Targeted support & coordination
- Current challenge(s)
  - Backlogs, scale and capacity
  - Vacancies within partner agencies/orgs



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# Noxious Weed Control Program



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# Noxious Weed Control Program

- Protect agricultural and natural resources from the introduction and spread of state-listed noxious weeds.
- Severe economic & ecological impacts
- Ag productivity, habitats, ecosystem services



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# Noxious Weed Control Program

- Nine permanent staff + seasonals
- Six regional specialists
- Three Salem staff
- State lottery, federal & grant funds



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# Noxious Weed Control Program

- EDRR projects
- Biological control
- Federal, state, county, local assistance
- Education & Outreach
- Grant administration



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# Noxious Weed Control Program

- **2021-2023 Accomplishments**
  - Biocontrol agent for knotweed species
  - 1,000+ hours of continuing education credits
- **2023 Goals & Priorities**
  - Strengthen relationships with agency partners
  - Enhance technical bulletins, increase access
  - Establish biocontrol nursery/monitoring sites
- **Current Challenges**
  - Capacity for aquatic weeds, invasive annual grasses
  - Lack of permanent funding source



# Nursery & Christmas Tree Program



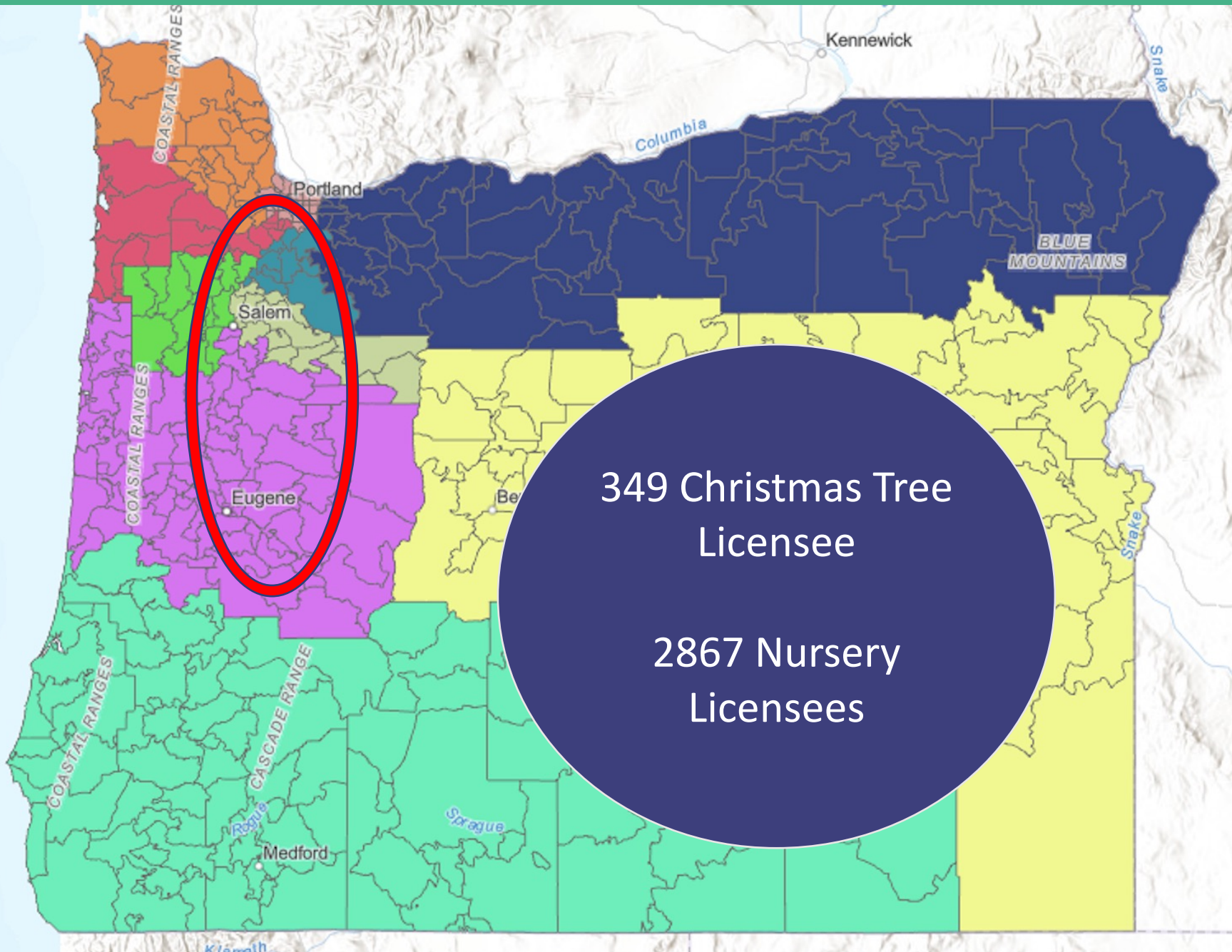
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# Nursery & Christmas Tree Program



- First line of defense
- Inspection & Certification
- Educate industry & public

→ *Supports Oregon's \$1 billion industry*



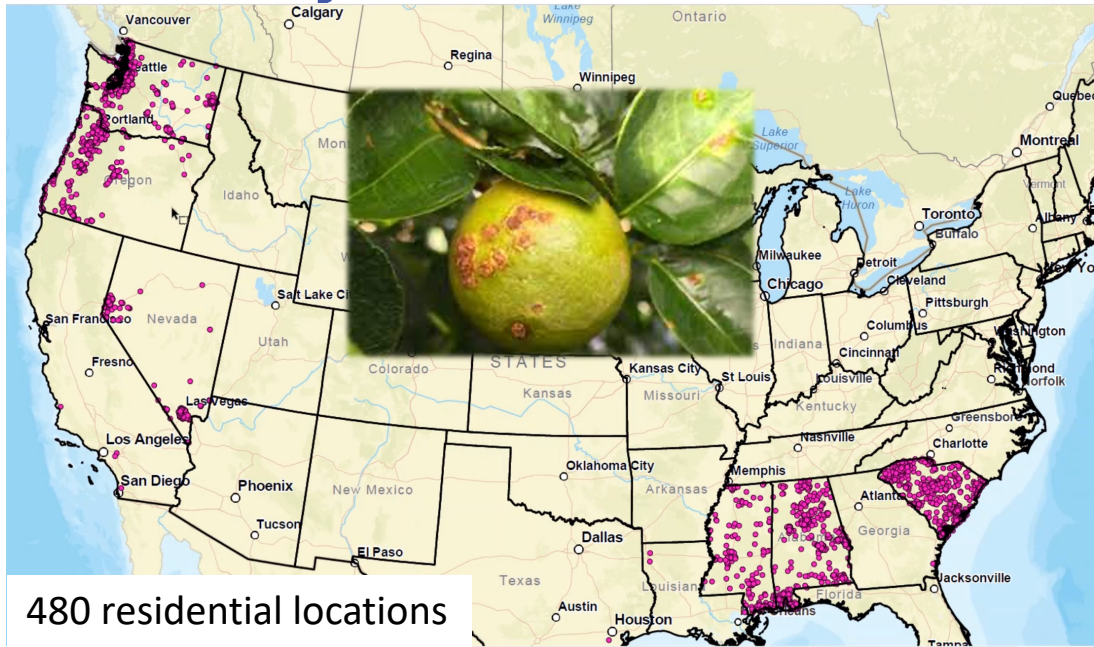
12 staff:

- Manager
- 1 Program Lead
- 10 Regional Inspectors



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# Interception & Prevention



2 nurseries; dead adults



State-wide big box stores



>30 private residences

# 2021-2022 Accomplishments

- Quarantine enforcement
  - ALM, Grape, Japanese beetle
- Revision of our Boxwood blight program
  - Fewer nurseries, increased monitoring
- Updated grapevine pest quarantine
  - Fulfills multi-year harmonization effort



# Challenges

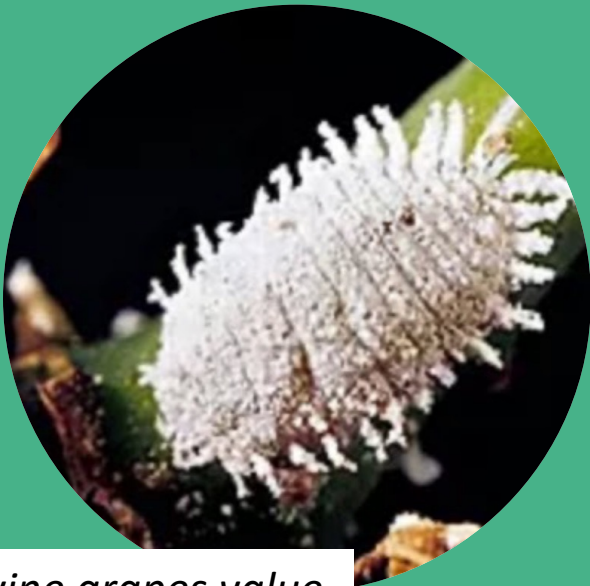
- Consistent risk of invasive species
- Resources to balance EDRR vs. industry needs
- Online commerce



Quarantine Pest Alert: Vine mealybug  
*Planococcus ficus*



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- Detection in 2021 by OSU
- Wide host range beyond grapes
- Transmits grapevine viruses
- Already a quarantined pest

*OR wine grapes value  
~\$271 million  
(OWB, 2021)*



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# What's at Stake?

## Agriculture:

- Nurseries
- Seedbeds
- Orchards
- Field crops
- \$43 million annually
- Costly quarantines



## Residential Areas:

- Personal yards
- Parks
- Golf courses
- Cemeteries
- Businesses parks



## Natural Areas:

- Forests, wildlands

