

Plant Protection & Conservation Division

March 14, 2025

Board of Agriculture



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Oregon Agriculture

Top 20 Commodities



Inspection & Survey

1. Nursery
4. Hay
7. Grape
8. Hemp
10. Blueberries
11. Hazelnuts
13. Onions
14. Christmas trees
15. Corn
18. Cherries
19. Apples



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Hemp

DaNette Wernette
April 2023

IPPM*

Cody
Holthouse
Aug 2022

Native Plant*

Troy
Abercrombie
February 2023

Noxious Weeds*

Troy
Abercrombie
February 2023

Nursery

Kevin Bailey
December 2023

Hemp

- Licensure of :
 - Growers, Handlers, Seed producers, Vendors
- Compliance
- Education
- Consumer protection
 - Pre & Post harvest testing





Hemp 101

Hemp	Marijuana
Legal at federal level	Only legal at state level
0.3% THC or less	0.3% THC or above
ODA: no specific tracking system	OLCC: seed-to-sale tracking system (METRC)
No acreage limit	Various tiers – largest outdoor tier just under 1 acre

GROWER vs HANDLER

- GROWER:
 - Produces hemp
 - Background check required
 - Land Use Compatibility Statement (LUCS)
- HANDLER:
 - Receives hemp for processing into products
 - LUCS
 - Can sell hemp products at retail level



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Vendor License



- As of July 1, 2024
- Required for hemp retailers or wholesalers who store, transfer, or sell industrial hemp or hemp items for resale to another person
- Applies to out of state vendors**
- \$100 annual fee
- License cycle aligns with other ODA programs

Why a new another license?

- ***Regulatory Compliance*** : Ensures retailers comply with state regulations and maintain specific records regarding the sale and distribution of hemp items.
- ***Tracking and Traceability*** : Enables regulatory agencies to track hemp products throughout the supply chain.
 - Essential for identifying any discrepancies or non-compliance.
- ***Consumer Protection*** : Provides consumer assurance they are purchasing hemp products from reputable sources.



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Year	Growers*	Grow Sites	Handlers*	Outdoor Acres	Indoor Acres	Total Acreage	Hemp* Vendors
2019	1,967	6,040	598	63,883	259	64,142	n/a
2020	1,811	2,119	595	28,492	250	28,742	n/a
2021	875	895	441	8,046	230	3,112	n/a
2022	294	290	334	3,071	41	3,112	n/a
2023	187	167	227	2,398	19	3,112	n/a
2024	178	182	199	1,380	13	1,394	177

** License required*

	Southern	Eugene	Salem	Northwest	Eastern	Central	TOTAL
# Grow Sites	100	23	10	21	15	19	188
Total Sites Visited	95	22	10	18	15	17	177
# Sites w/ Presumptive Testing	59	13	4	4	4	8	92
Sites w/ Presumptive Marijuana	1	0	0	0	0	0	1
Sites with Failed Testing	3	2	1	1	0	0	7



Insect Pest Prevention & Management

- Survey & response
- Identification services
- Permit review & consultation
- Pest risk analysis



PEST GRASSHOPPERS IN OREGON
A Field Guide to Nymphs and Adults



- 2018 & 2022 (traps only)
- 2023: live beetles in Sandy and Wilsonville, OR
- Threat: native Oregon white oak
- Carrier of fungal species = oak wilt



**MEDITERRANEAN
OAK BORER**

A Pest of Forests
and Natural Areas



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Wilsonville 2023



MOB female
beetle, mechanical
pencil tip for scale
*Image by Curtis
Ewing, CAL Fire*



How did it get here?



VS.



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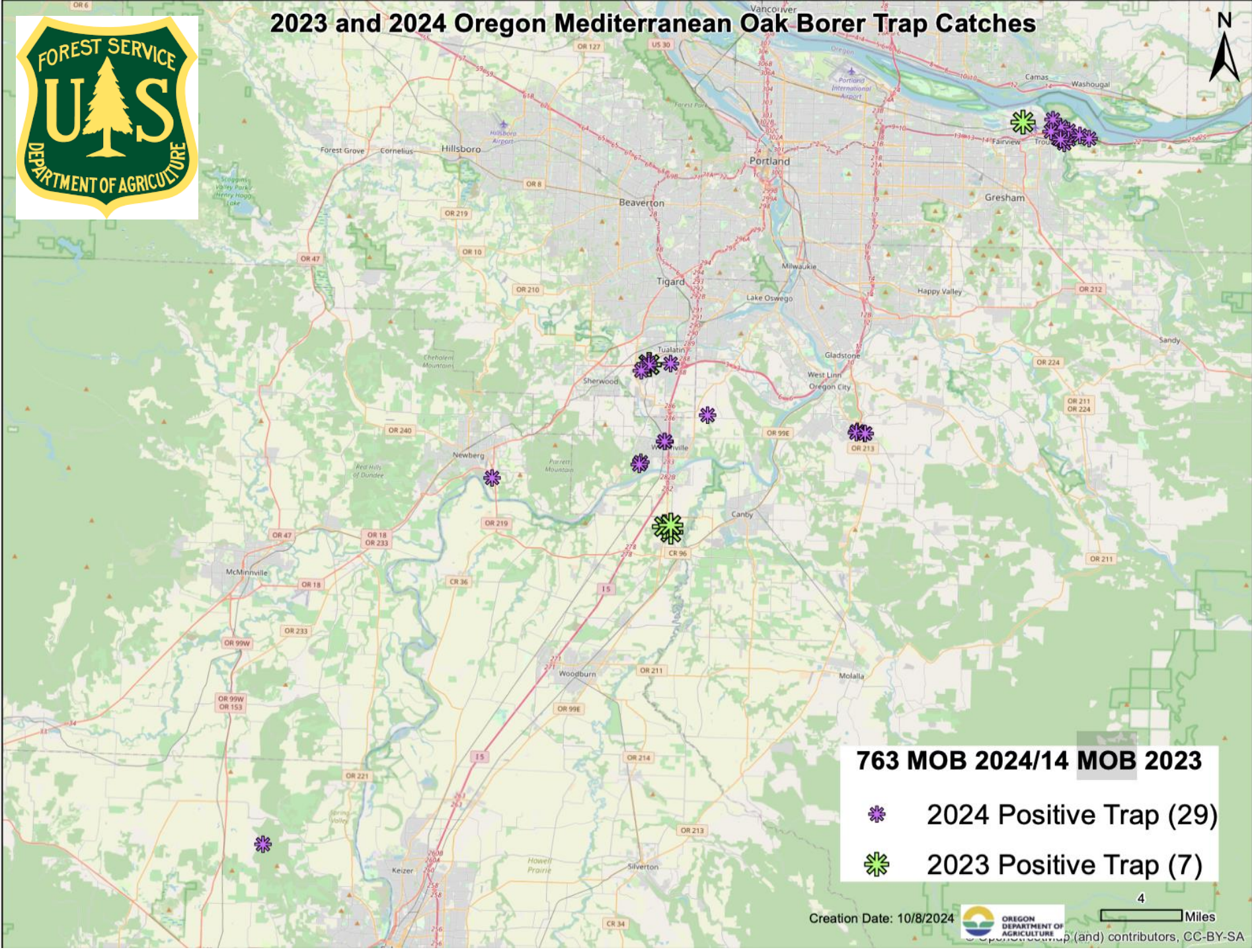


2023 and 2024 Oregon Mediterranean Oak Borer Trap Catches



2024

- Live beetles in 3 counties
- 763 beetles in traps from 6 counties:
- Clackamas
- Marion
- Multnomah
- Polk
- Washington
- Yamhill



763 MOB 2024/14 MOB 2023

- 2024 Positive Trap (29)
- 2023 Positive Trap (7)

2025 Outlook

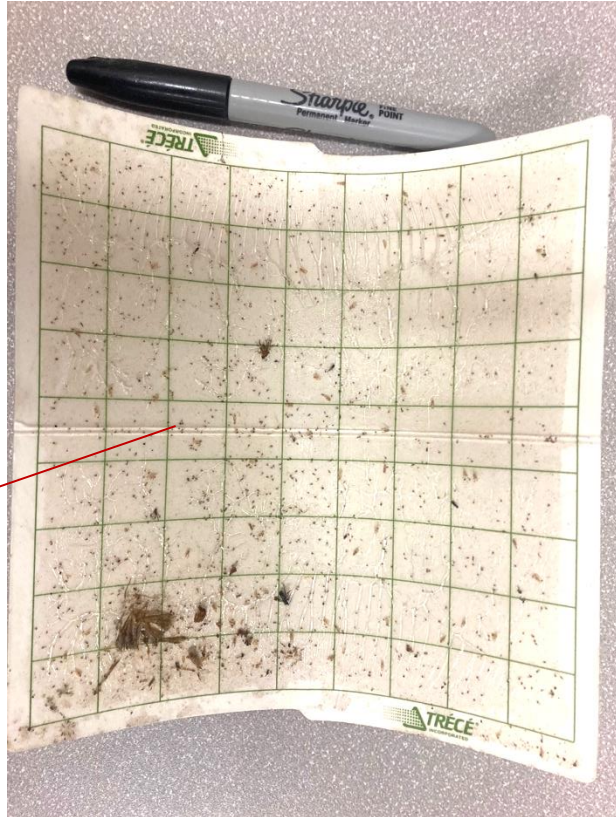


- USFS funding through end of October
- Statewide survey
- No plans beyond 2025
- Future emphasis on research – by others



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Vine mealybug (VMB)

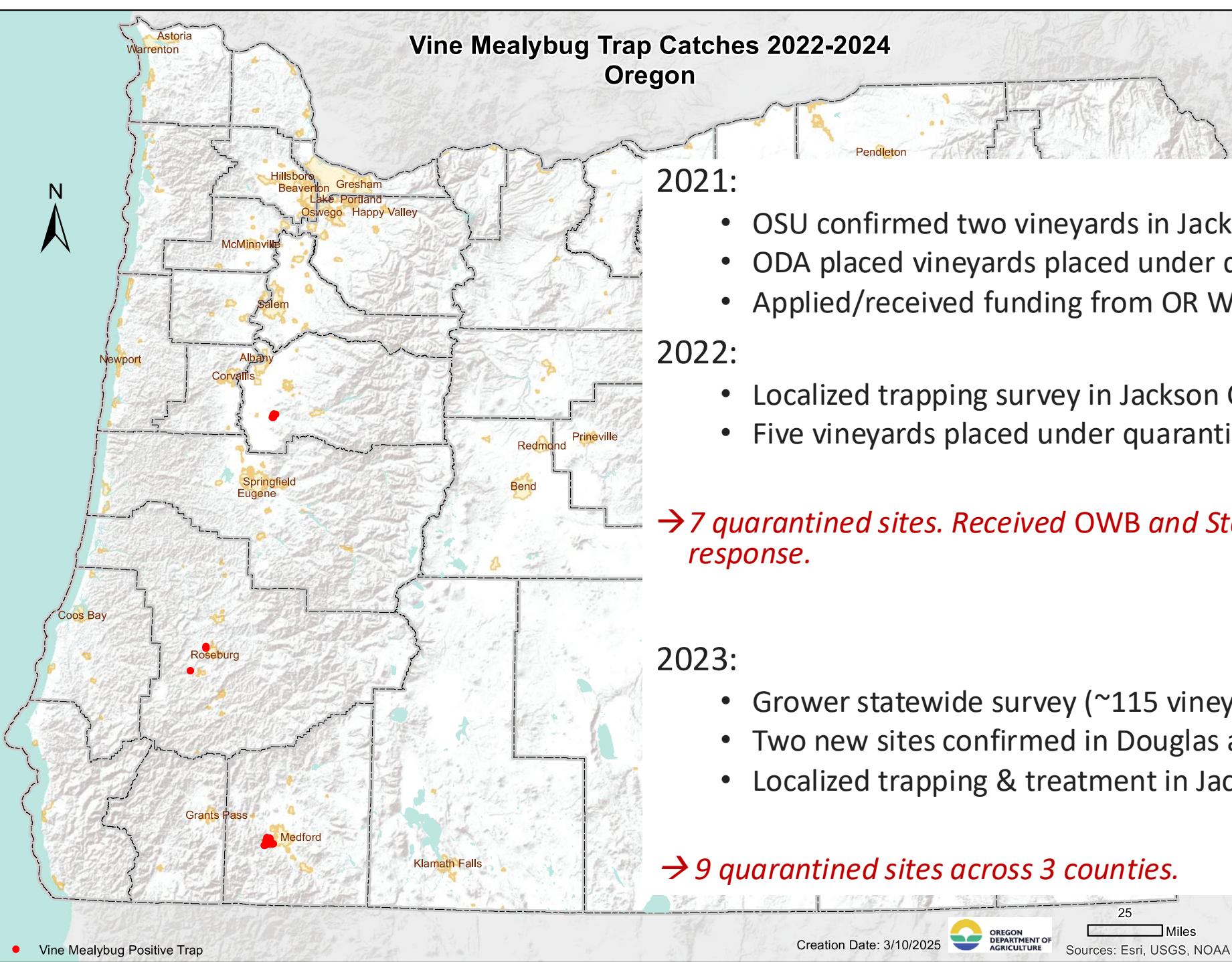


500 male VMB on sticky trap



Quarantined pest by ODA

Vine Mealybug Trap Catches 2022-2024 Oregon



2021:

- OSU confirmed two vineyards in Jackson County
- ODA placed vineyards placed under quarantine
- Applied/received funding from OR Wine Board (OWB)

2022:

- Localized trapping survey in Jackson County
- Five vineyards placed under quarantine

→ 7 quarantined sites. Received OWB and State funds (SB 5506) for 2023/24 response.

2023:

- Grower statewide survey (~115 vineyards/ 12 counties)
- Two new sites confirmed in Douglas and Linn Counties
- Localized trapping & treatment in Jackson County

→ 9 quarantined sites across 3 counties.

Vine Mealybug Traps Placed 2024 Oregon



Statewide survey

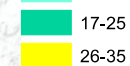
- 16 counties
- 220 vineyards/nurseries = 8 VMB
- One new vineyard in Douglas County

Localized trapping

- Douglas Co. = 0 VMB
- Jackson Co. = 0 VMB
- Linn Co. = 222 VMB

• Treatment Reimbursement

- Six vineyards received reimbursement for treatment.
- Jackson (4); Douglas (1); Linn (1)



2025 Outlook



- State funding through end of June
- Statewide survey
- Localized trapping at infested sites in:
 - Jackson, Douglas, and Linn Counties
- Treatments of infested properties
 - No Reimbursement



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Japanese beetle (JB)

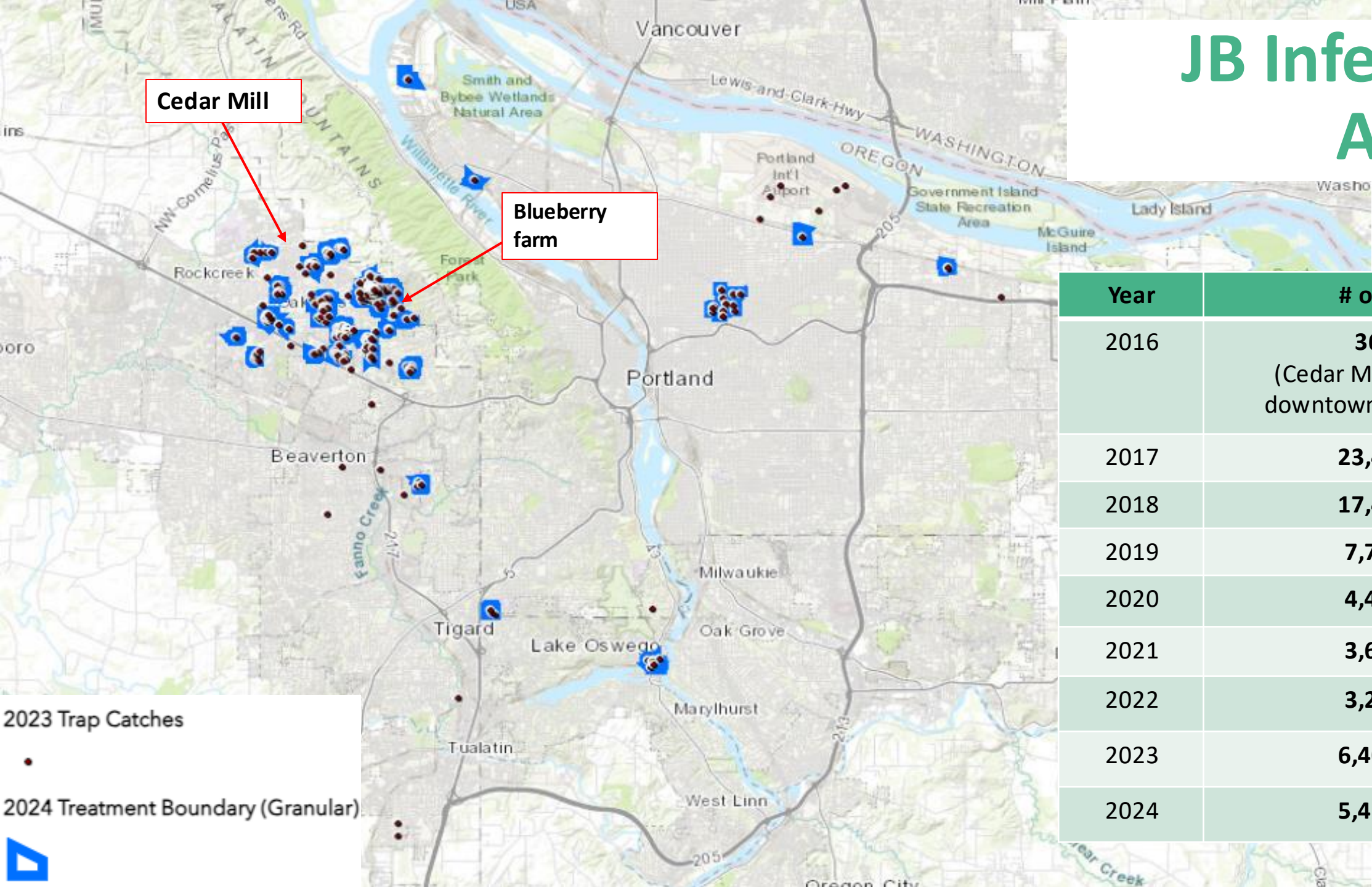


Quarantined pest by ODA



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JB Infested Areas

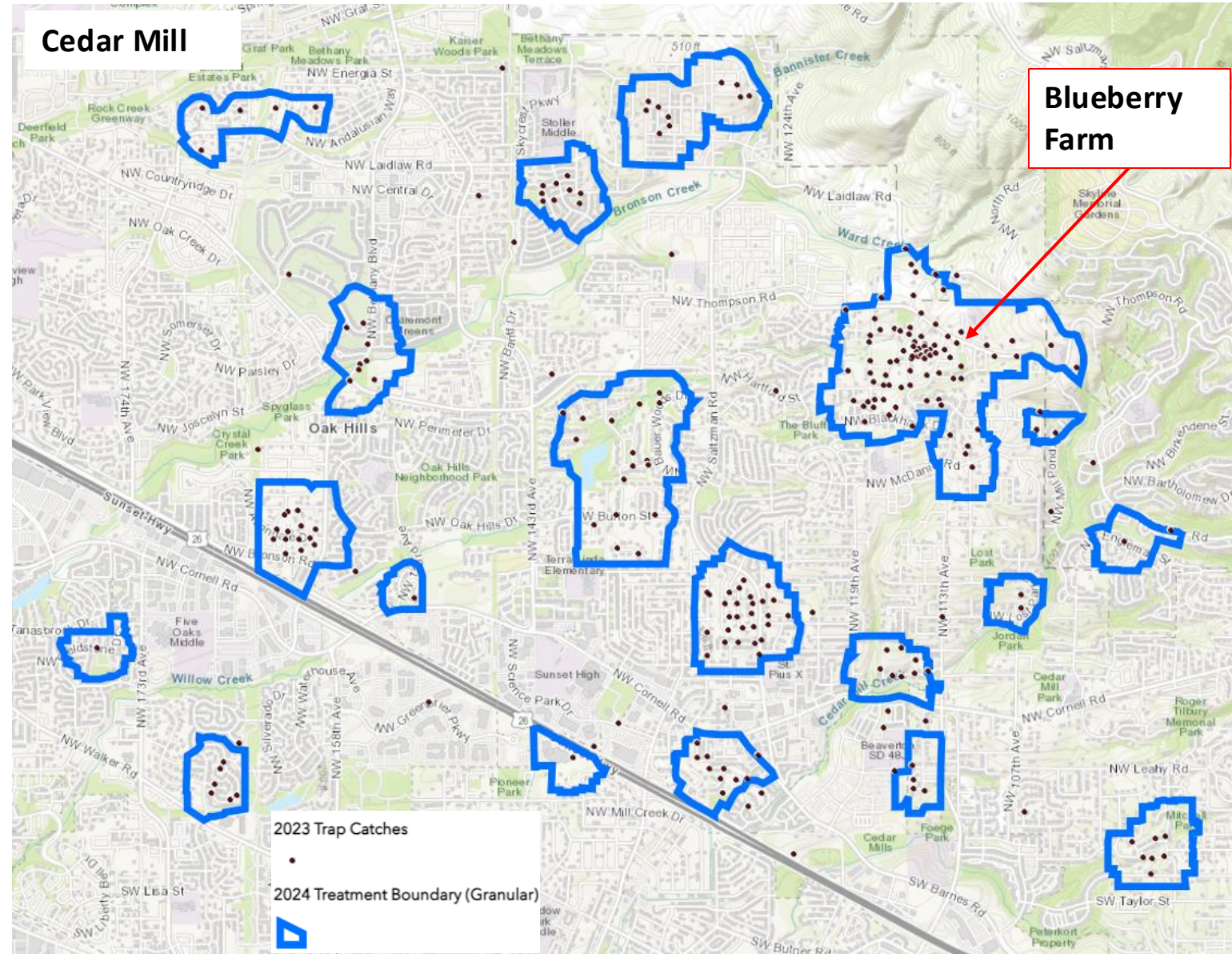


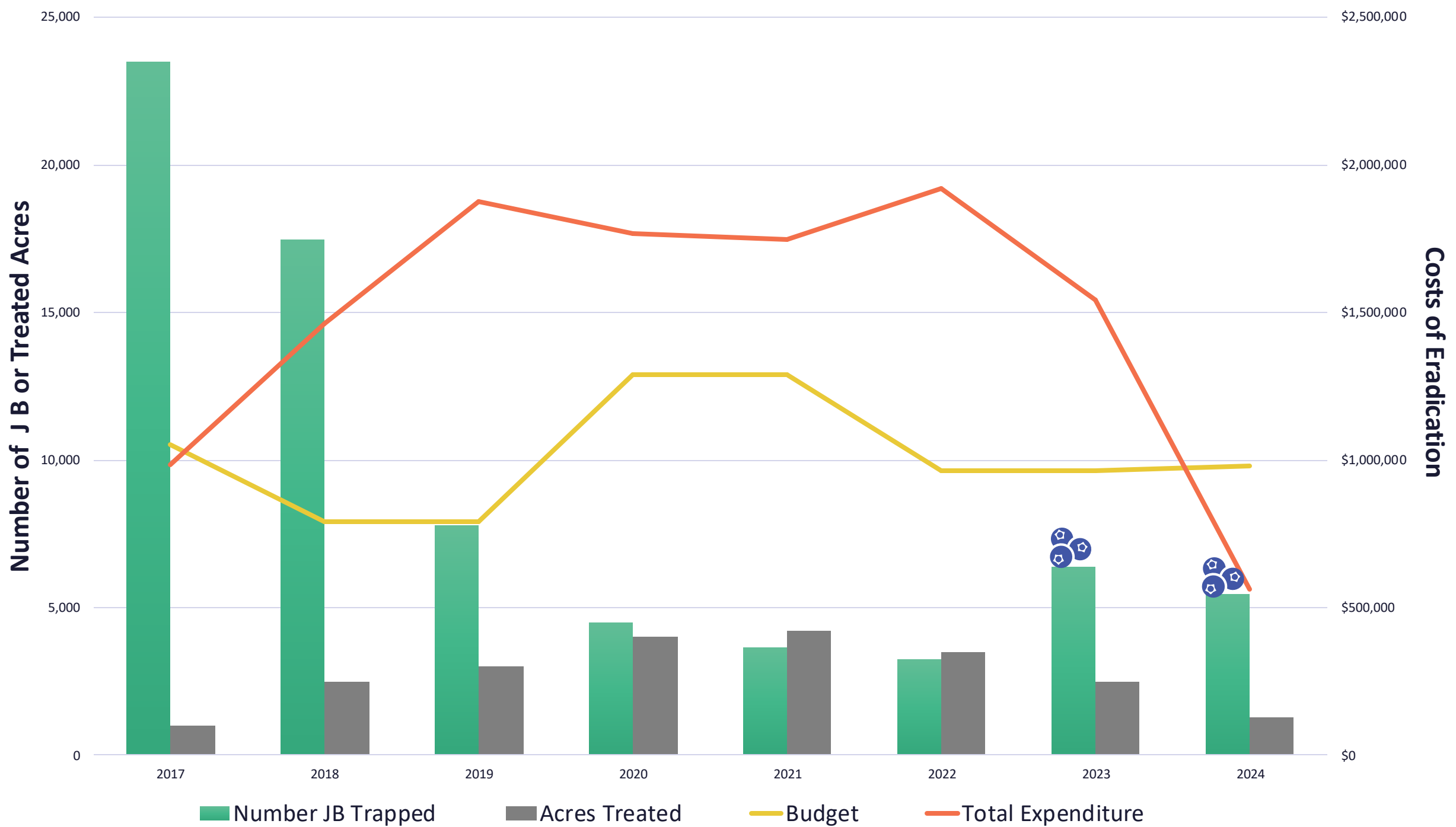
Year	# of JB
2016	369 (Cedar Mill west of downtown Portland)
2017	23,454
2018	17,461
2019	7,782
2020	4,490
2021	3,652
2022	3,254
2023	6,400*
2024	5,458*

JB Treatment: 2023 - 2024

- 2023 - 2500 acres
- 2024 – 1300 acres
- Acelepryn: granular; irrigated turf and garden beds
- Altacor: spray; edible plants

No green waste collection





2025 Outlook



- Funding through end of June
- Granular treatment ~950 acres
- Localized trapping at infested sites
- Reduced statewide trapping
- No green waste collection



Native Plant Conservation Program

- Conservation and Management
- Maintains state threatened and endangered plant (T&E) list
- Permits and Consultation
- Research



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State List Review: Species Profiles



2023 Listing Status Assessment for *Lathyrus holochlorus* (thin-leaved pea)

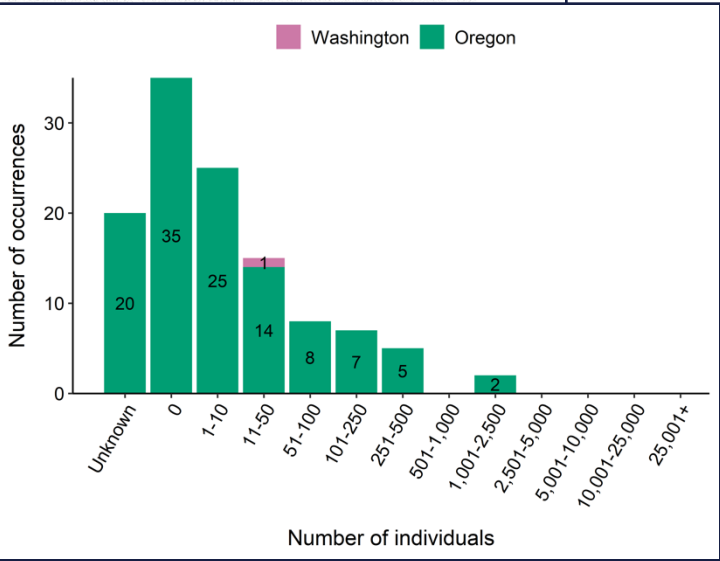
Executive Summary

The Oregon Department of Agriculture Native Plant Conservation Program (ODA) is responsible for periodic review of the Oregon State List of Endangered and Threatened Plants (OAR 603-073-0060 & 0070). This species assessment was created as part of the State List review process and represents a compilation of the best available *Lathyrus holochlorus* occurrence data from multiple agencies, documenting the species' habitat, demographics, and distribution.

Lathyrus holochlorus is native to Oregon and Washington and is considered a federal species of concern, a BLM and USFS-sensitive species, and ranked as G2S1 in Oregon by NatureServe. In Oregon, there are 117 ORBIC occurrences, but >40% are considered

historical or presumed extant. Populations range from small to large. Habitat fragmentation, invasive and wood harvest, and lack of protection are threats.

We use the principle of current condition to assess the current condition of *holochlorus* diversity. Furthermore, limited species' ability to recover from redundancy, the species' status in most populations, and single catastrophic events are threats. Based on the data from the State List as of 2023, the current condition of *holochlorus* diversity is assessed as follows:



- Brief introduction with current ranks/status
- Habitat & Ecology
- Geographic range, distribution, and abundance
- Status

	Threatened	Endangered
2023	7	3
2024	0	6

Greenhouse Cultivation

- Endemic to Malheur County
- Goal: Prevent federal listing
- Germination study:
 - Unique soil type
 - Successfully determined optimized germination conditions
- Mass germination for future recovery efforts

Partners include USFWS, BLM, ODOT and The Nature Conservancy



Soft blazing star (*Mentzelia mollis*)

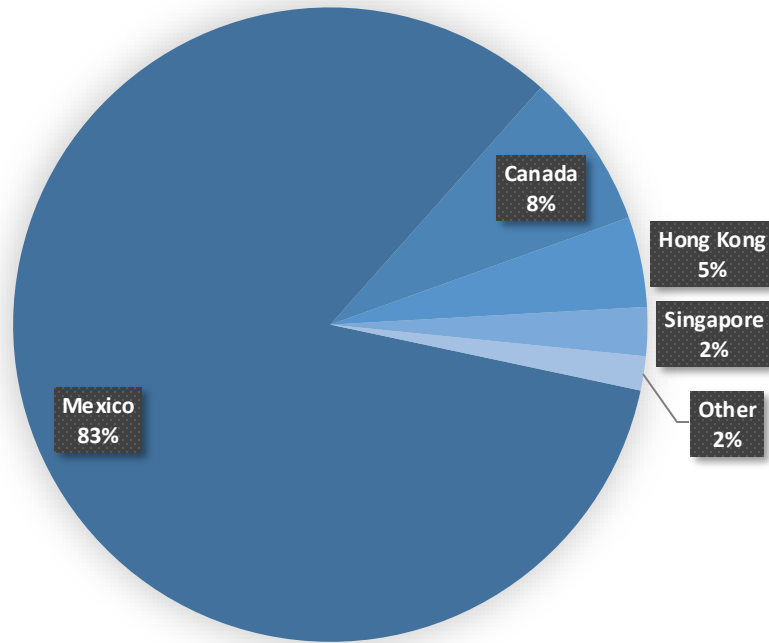


Nursery & Christmas Tree Program

- Licensure
- Inspection and Certification
- First line of defense
- Education

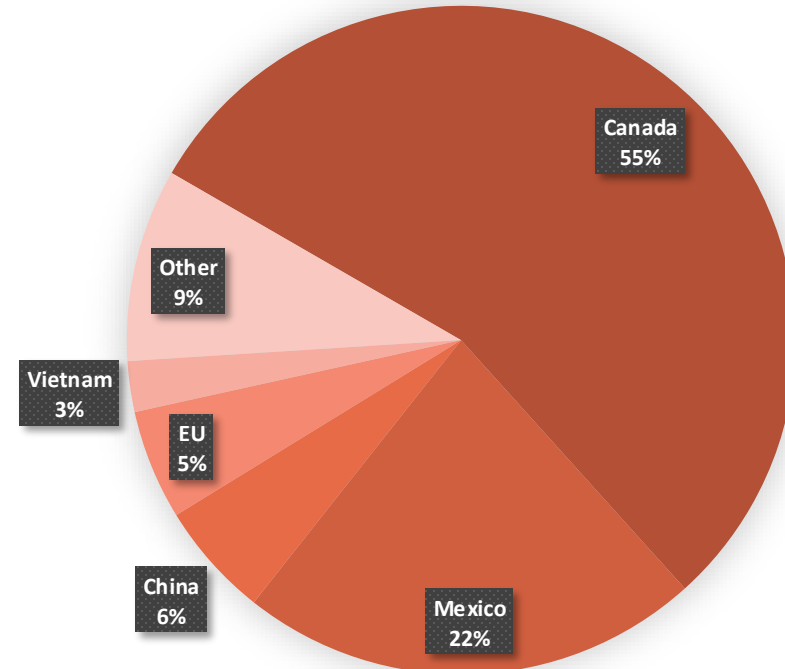
2024 Export Destinations

Christmas Trees (322 licensed farms)



> 10% of growers are exporting

Nursery Stock (2,385 licensed nurseries)



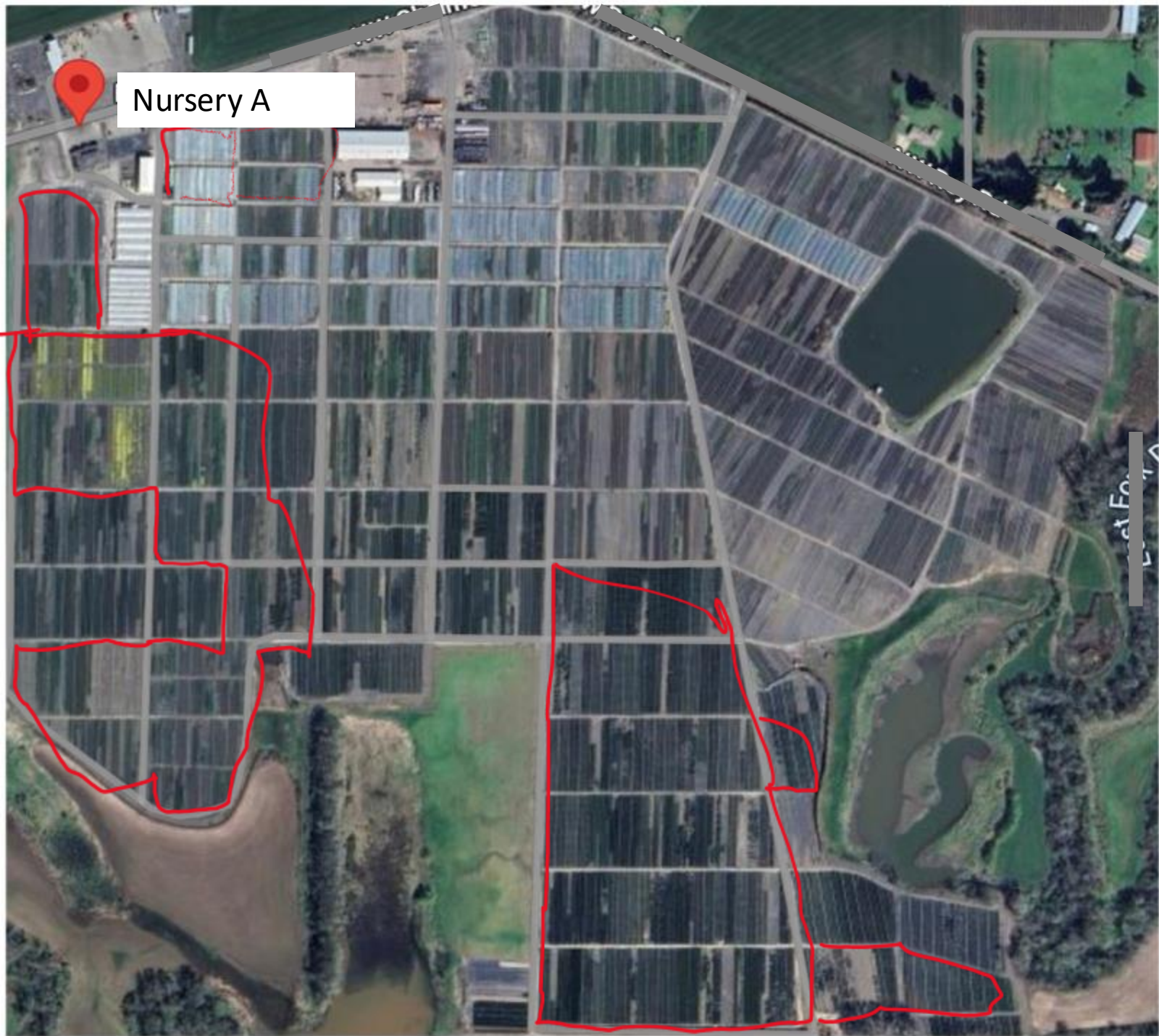
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Phytophthora austrocedri

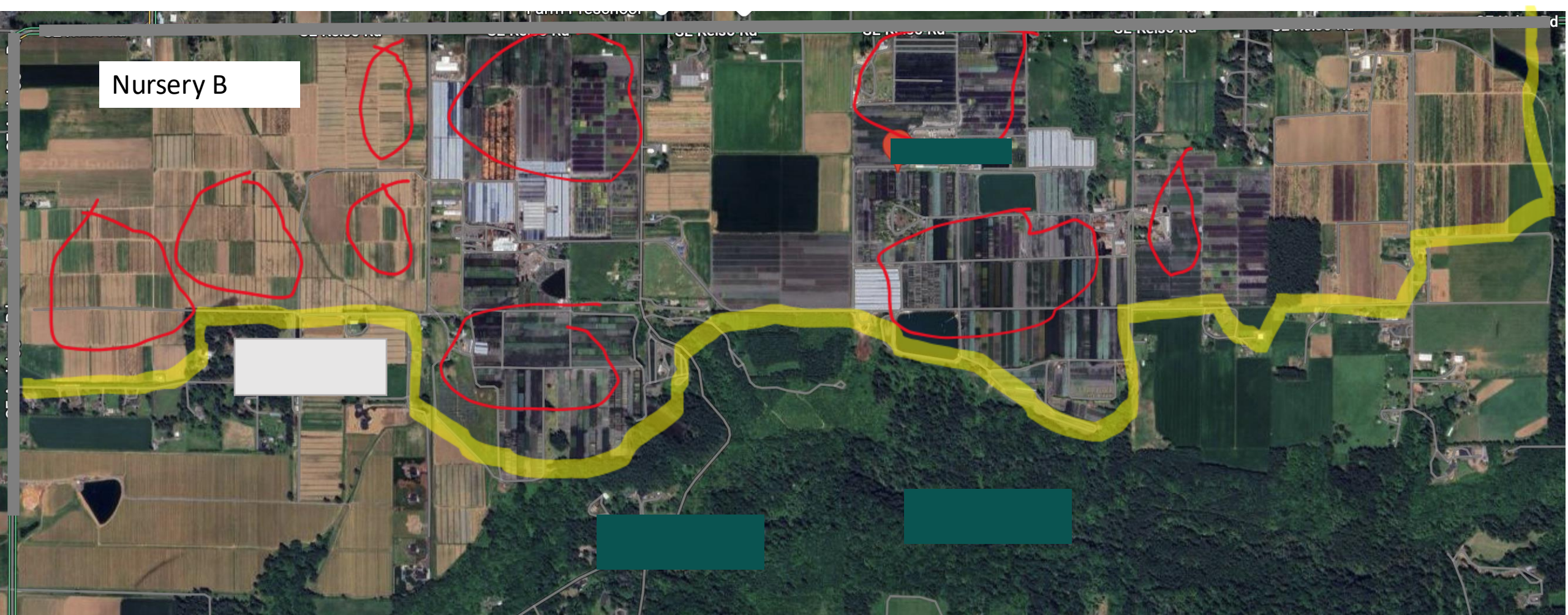
- First U.S. detection
- **Hosts:** Juniper, E. red cedar, arborvitae,
Pt. Orford cedar, other *Cupressacea* spp.
- Soilborne
- Infects roots & tissue = dieback/flagging
- Unknowns: impact to forest health and distribution
- **Regulatory Status:** federally quarantined, pending de-regulation







- April 2024, Washington County
- 220 acres
- Red outline = surveyed areas for hosts



Nursery B

- July 2024 Clackamas County
- 600 acres
- Red outline = surveyed areas for host plants

	# plants inspected	# symptomatic plants observed	# samples tested	# positives (%POS)
Nursery A	1,246	1,053	600	300 (41%)
Nursery B	1,281	220	164	11 (0.07%)

- Inspection: USDA AHPIS and ODA Nursery Program
- Testing: ODA Plant Health Lab, MI State University, USDA APHIS
- Funding: APHIS reimbursed ODA for testing (est. \$90K)

2025 Outlook



- APHIS PPQ deregulation
- ODA
 - Nursery survey (APHIS PPQ funded)
- USDA ARS
 - Survey, pesticide trial, culture (HRI funded)
- OSU
 - Host assay (APHIS PPQ funded)

Noxious Weed Control Program

- Survey and treatment of state-listed noxious weeds.
- Biocontrol
- Maintains state noxious weed list
- OR State Weed Board



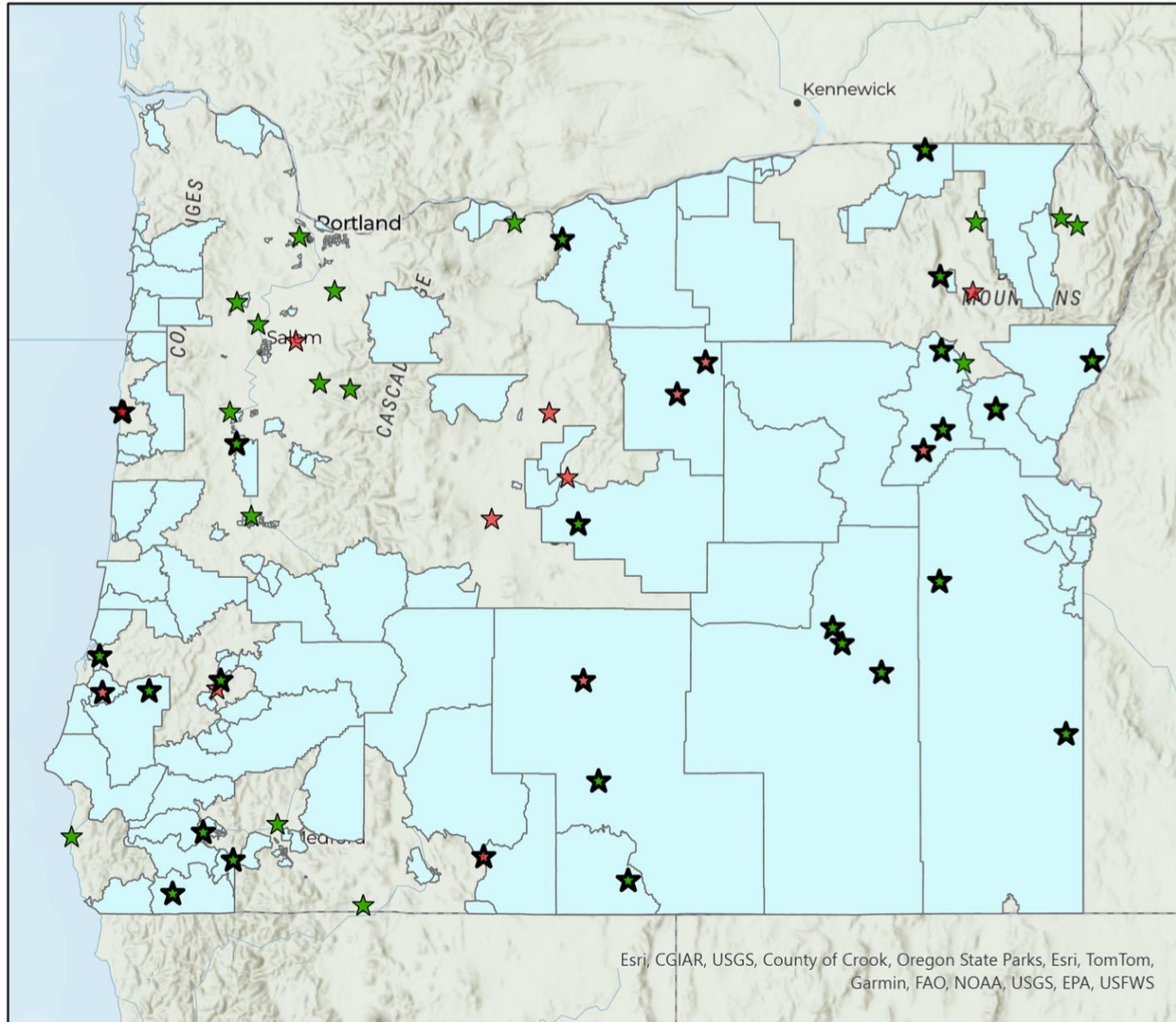
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OR State Weed Grants

Grant Cycle	# Applications	\$ Requested	\$ Awarded	# Projects Funded
2023/2024	65	\$ 2.4M	\$ 1.8M	51
2024/2025	54	\$ 1.9M	\$ 1.4M	42

\$4.3M requested vs. \$3.25M awarded

Oregon State Weed Board Grants Located in Underserved Communities*



2025 OSWB Recommended Funding

- Funded
- ★ Underserved
\$740,928
- ★ Funded Regular
\$716,232
- Not Funded
- ★ Underserved
\$154,706
- ★ Not Funded Regular
\$173,773

*As determined by U.S. EPA's Climate & Economic Justice Screening Tool

Esri, CGIAR, USGS, County of Crook, Oregon State Parks, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS

Outreach & Education Grant 2024 (HB4148)

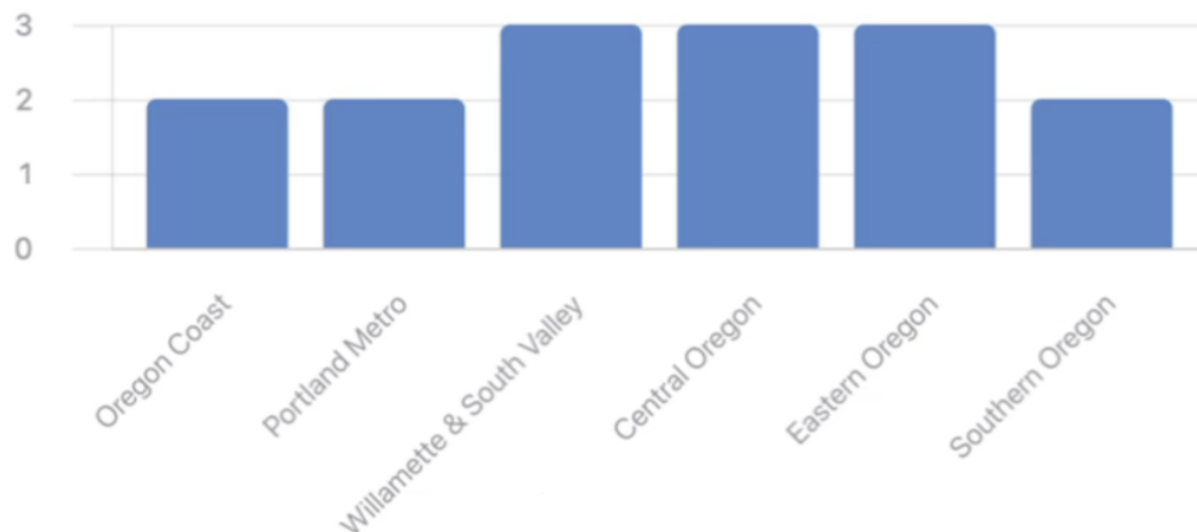
Applicant Name	Project Nickname	Award
Clackamas Soil and Water Conservation District	Clackamas and Yamhill EAB	\$16,902.00
Coquille Watershed Association	Guardians of the Watershed: Protecting Na...	\$15,000.00
CROOKED RIVER WEED MANAGEMENT AREA	Nixing Noxious Weeds with EDRR Awareness	\$5,000.00
High Desert Museum	Invasive Species Education Initiative	\$19,965.00
Klamath SWCD	Klamath SWCD Aquatic Invasive Outreach	\$15,000.00
Malheur County	Quagga/Zebra Mussel Education and Outre...	\$19,624.00
Oregon State University	Oregon Forest Pest Detector	\$24,966.00
Rogue Valley Council of Governments (RVCOG)	Help Our Outreach RAIN Down	\$19,347.00
Tri-County Cooperative Weed Management Area	Northeast Oregon Noxious Weed Education	\$24,196.00
Wheeler Soil & Water Conservation District	Wheeler Weed Warriors Program Assistance	\$10,000.00

\$170k
awarded over
10 projects

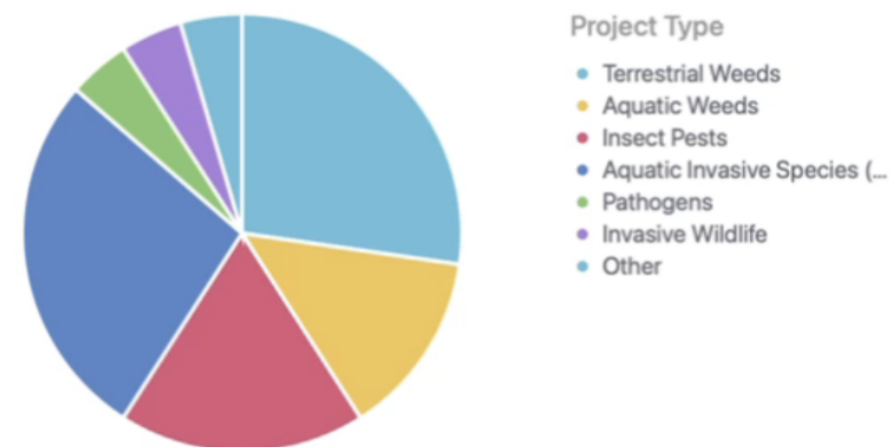


Education and Outreach Grants by the numbers

Recommended projects by region



Recommended projects by type



Average size of award

\$17,000.00

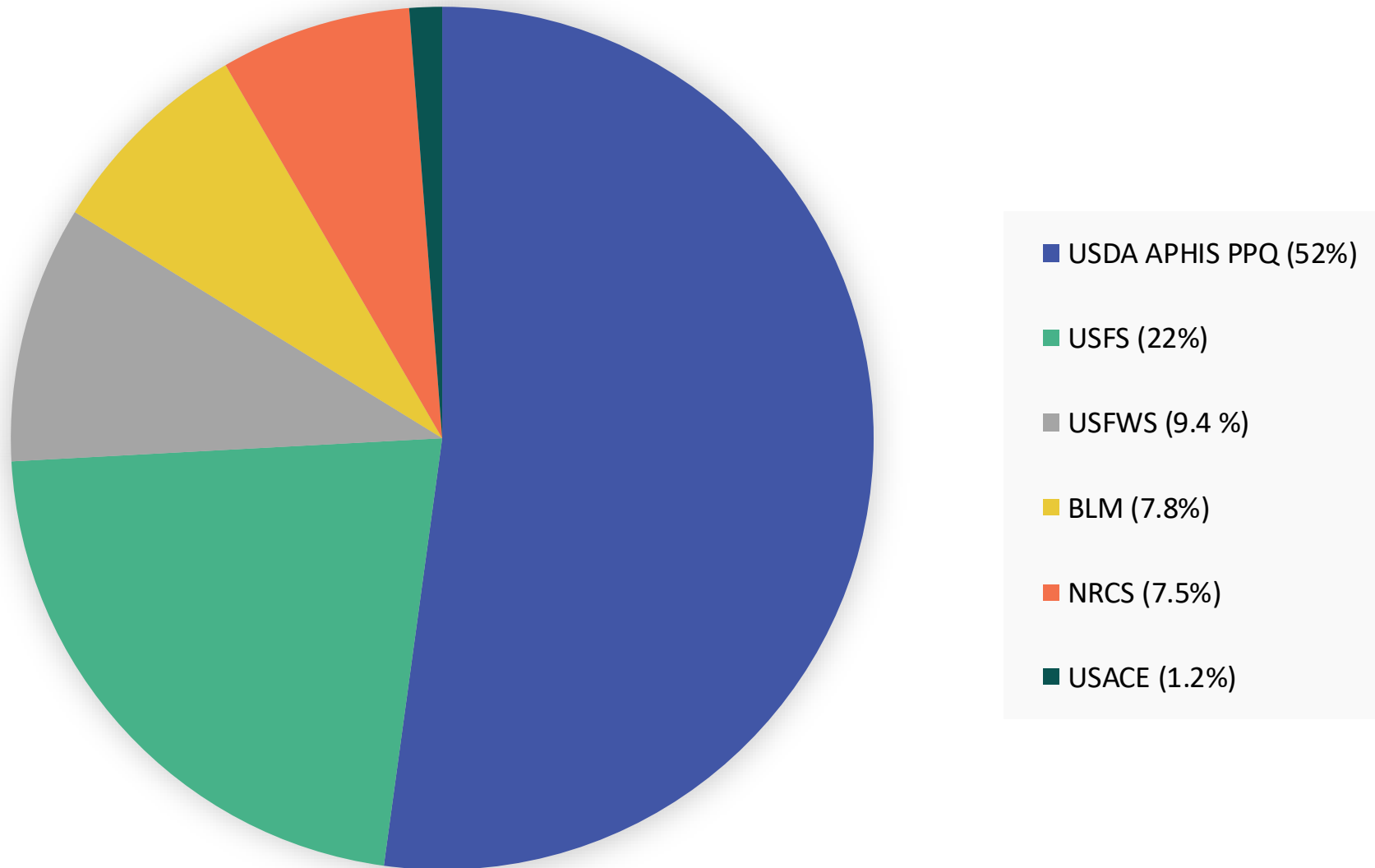
Minimum award

\$5,000.00

Maximum award

\$24,966.00

Estimate Federal Funds for 2025-27



Thank You

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