

Program Mission



To protect Oregon's natural resources and agricultural economy from the invasion and proliferation of invasive noxious weeds



Protecting Oregon's natural resources and agricultural economy



Program Staff



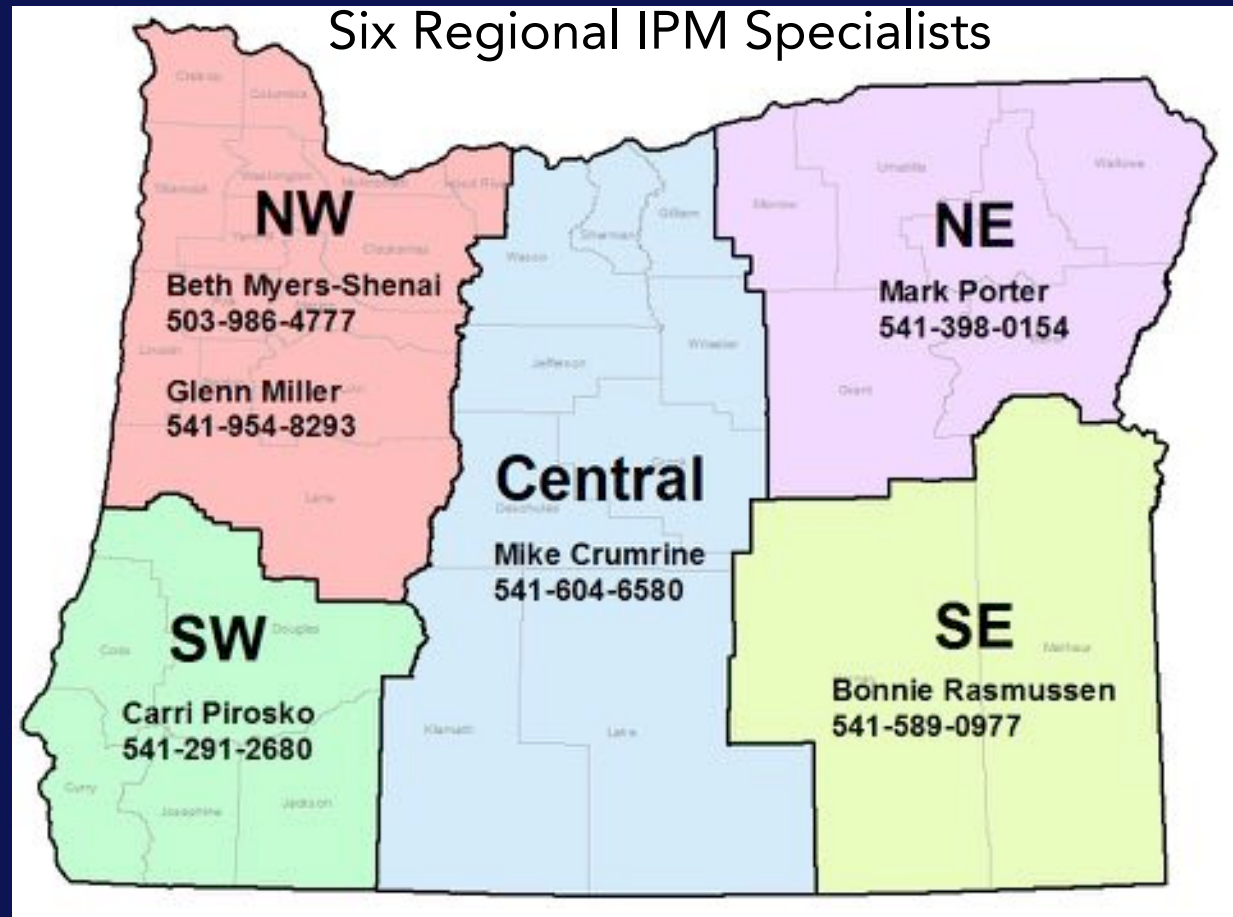
*Protecting Oregon's natural resources
and agricultural economy*



Program Staff Regions

Salem Office
503-986-4621

- Tim Butler
Program Manager
- Tom Forney
Projects Coordinator
- Tristen Berg
Grant Program
Coordinator
- Joel Price
Biocontrol Entomologist
- Amanda Wright
Admin. Assistant



*Protecting Oregon's natural resources and
agricultural economy*



Program Focus Areas

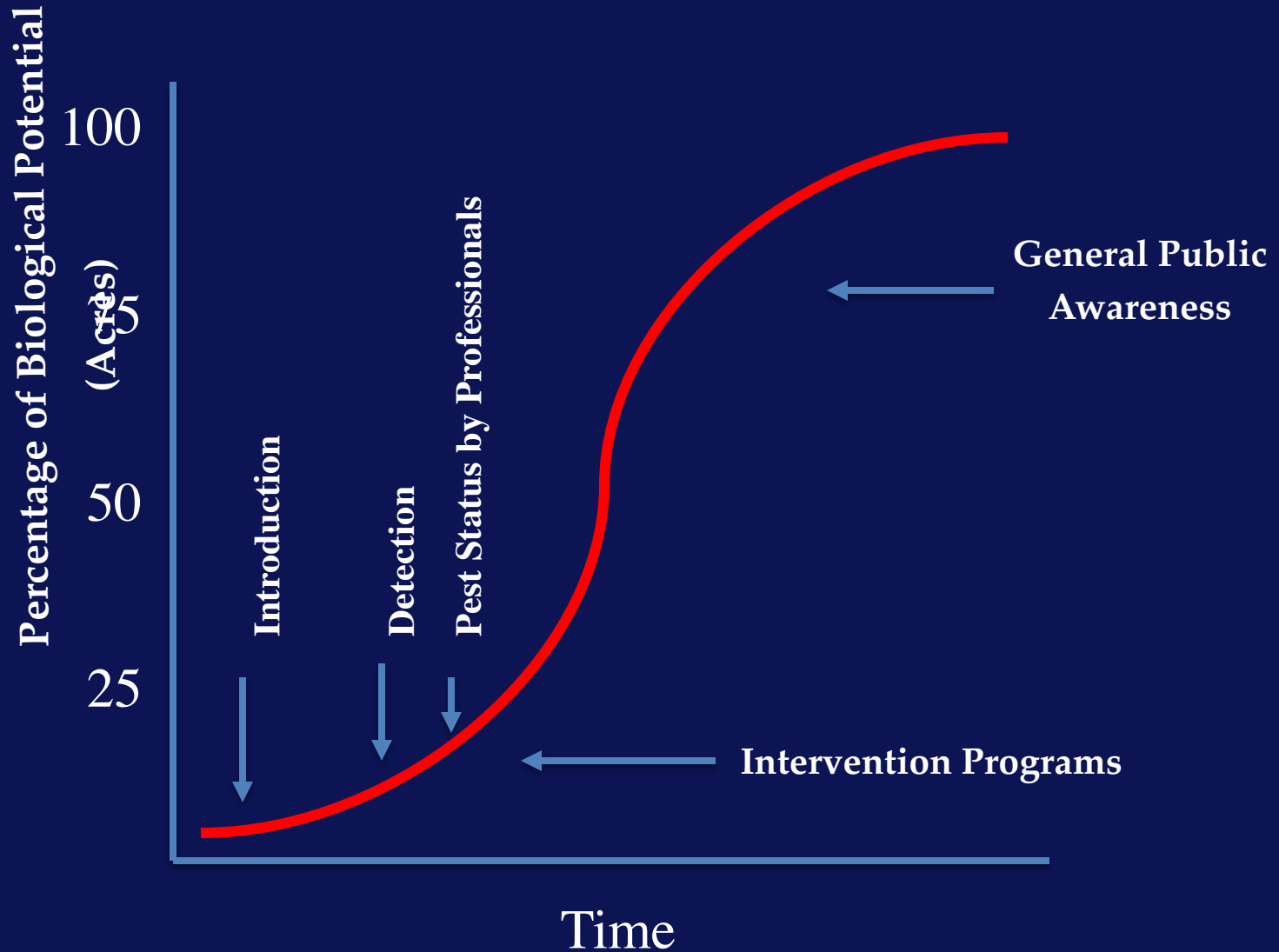
- Survey & Detection
- Early Detection, Rapid Response
- Biological Control
- Education/Outreach and Coordination
- Oregon State Weed Board -Grant Program



*Protecting Oregon's natural resources
and agricultural economy*



Early Detection and Rapid Response



Protecting Oregon's natural resources and agricultural economy



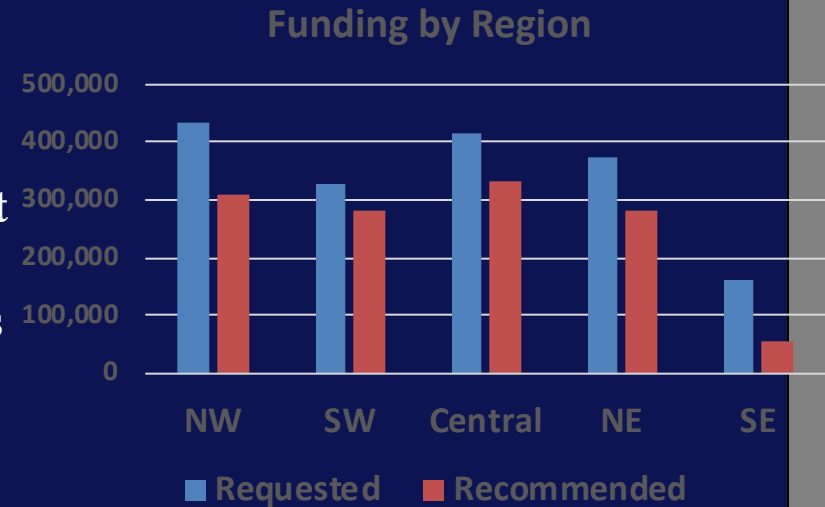
Oregon Department of Agriculture – Oregon State Weed Board Noxious Weed Grant Program

Summary: OSWB Awarded \$3 million last biennium to noxious weed control grants.

- Grants are for on-the-ground weed control projects and must include OSWB listed noxious weeds.
- 19- County Grants \$500,000
- 84- OSWB Grants \$2,500,00
- 179% match on OSWB/OWEB funding that was received for project work.
- In 2017 treated over 16,161 net acres and surveyed 730,556 gross acres.



OSWB Award Summary



*Protecting Oregon's natural resources and
agricultural economy*



Biological Control of Weeds

Joel Price, ODA Biocontrol Entomologist

78 agents introduced on 27 weed species



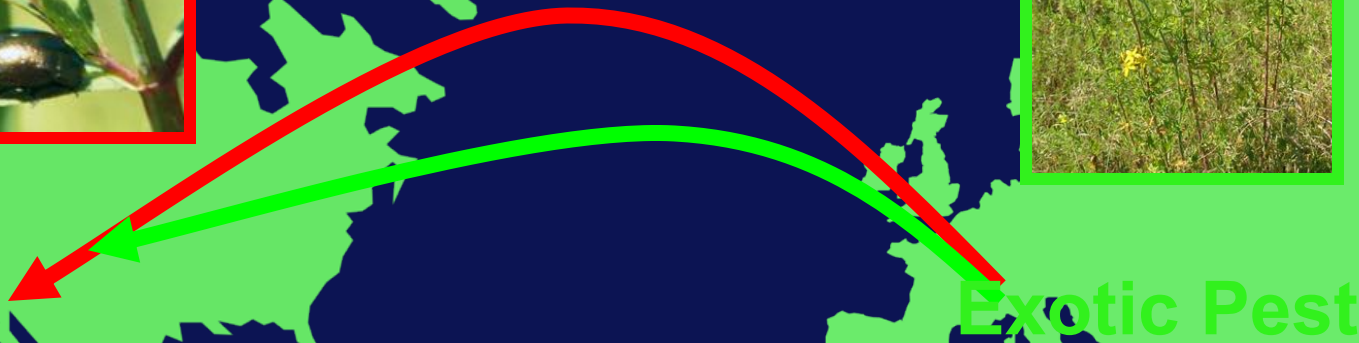
Protecting Oregon's natural resources and agricultural economy



Biological Control of Weeds

Classical Biological Control

Exotic Control
Agent



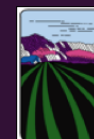
*Protecting Oregon's natural resources and
agricultural economy*



Oregon
Department
of Agriculture



*Protecting Oregon's natural resources and
agricultural economy*



Oregon
Department
of Agriculture

Bioagent Process Example

Gall mite *Aceria drabae*

- 14 years spent on R&D
- \$2 million spent to date
- TAG recommended for release, May of 2013
- No APHIS or USFWS action for 2.5 years



White top



*Protecting Oregon's natural resources and
agricultural economy*



New Agents

~1 Year From Release:

- **Gorse thrips** (*Sericothrips staphylinus*)

 - USFWS letter drafted

- **Knotweed psyllid** (*Aphalara itadori*)

 - USFWS concurrence letter signed

- **Yellow starthistle weevil** (*Ceratapion basicorne*)

 - EA published, FONSI not



Credit: Wade Chatterton



Credit: JKW Removal UK



Credit: Brian McCornack



© Leah Bierde

Protecting Oregon's natural resources and agricultural economy



Gorse

- *Ulex europaeus* L.
- Oregon Noxious Weed Designation: B, T



Identifying features:

- stiff, spiny, much-branched shrub
- Branches dark green, spine-tipped
- clusters of yellow pea-like flowers near branch ends



*Protecting Oregon's natural resources and
agricultural economy*



Knotweeds

- **Japanese knotweed** (*Polygonum cuspidatum*)
- **Giant knotweed** (*Polygonum sachalinense*)
- Oregon Noxious Weed Designation: B



Distribution



Identifying features:

- Perennial shrub
- Stout stems, reddish green, swollen nodes; resembles bamboo
- Blooms July to Sept. with clusters of small white flowers
- Stems and large leaves die back in late fall



Protecting Oregon's natural resources and agricultural economy



New Agents for Knotweed and Gorse

Aphalara itadori (Psyllidae)

Sericothrips staphylinus (Thripidae)



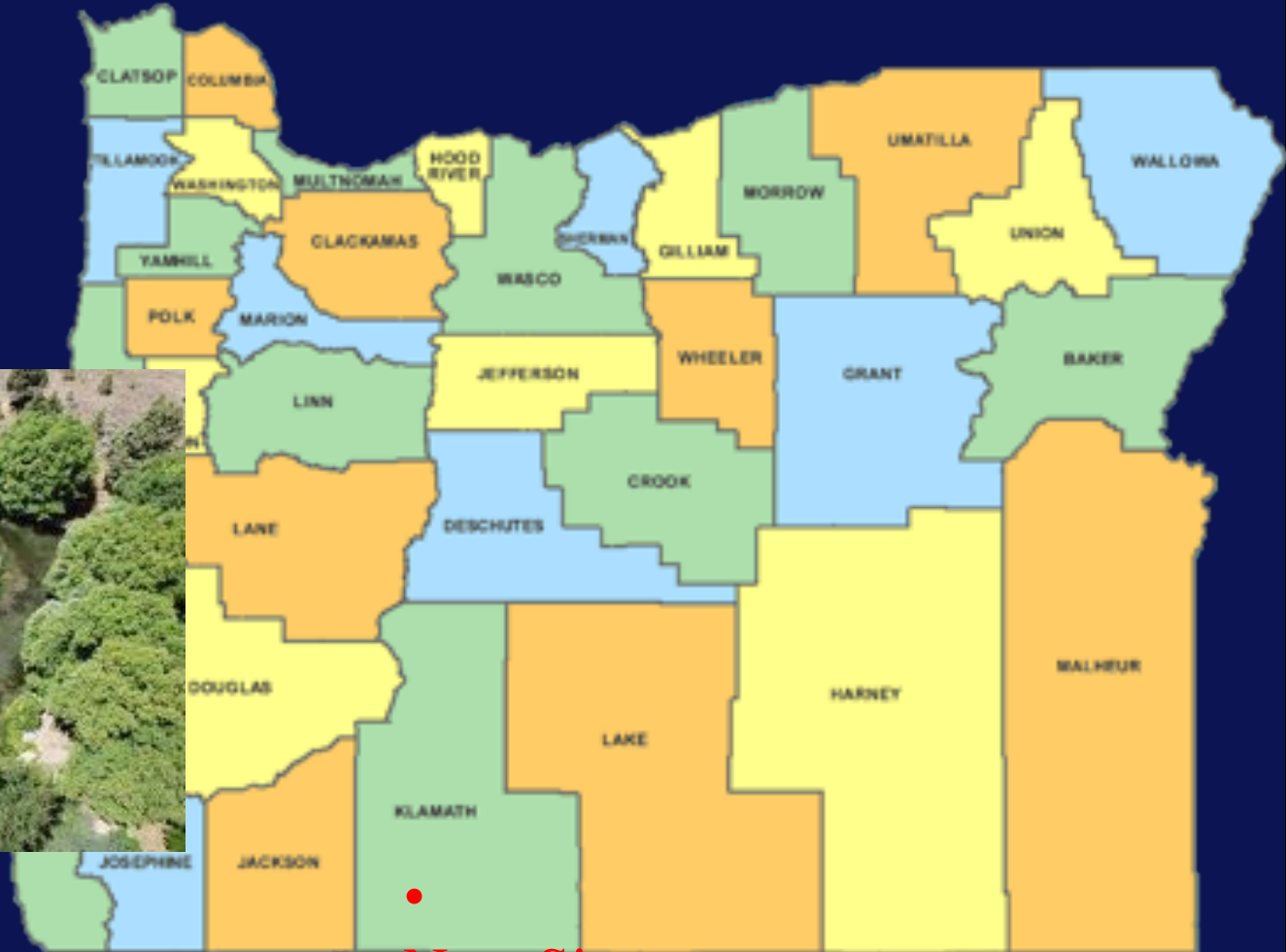
Growing both plants for in-house rearing of agents.



*Protecting Oregon's natural resources and
agricultural economy*



Flowering rush – New Detection



New Site near
Bonanza

© 2017 Washington State University

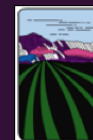


*Protecting Oregon's natural resources and
agricultural economy*





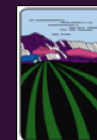
*Protecting Oregon's natural resources and
agricultural economy*



Oregon
Department
of Agriculture



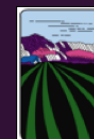
*Protecting Oregon's natural resources and
agricultural economy*



Oregon
Department
of Agriculture



*Protecting Oregon's natural resources and
agricultural economy*



Oregon
Department
of Agriculture

Water primrose, *Ludwigia hexapetala* & peploidies



Invasive Water Primrose
(Ludwigia) is an
Ecosystem Game Changer

Learn why! with Beth Myers-Shenai
Livestream Thursday Oct. 18 @ 1PM
[facebook.com/ORagriculture](https://www.facebook.com/ORagriculture)



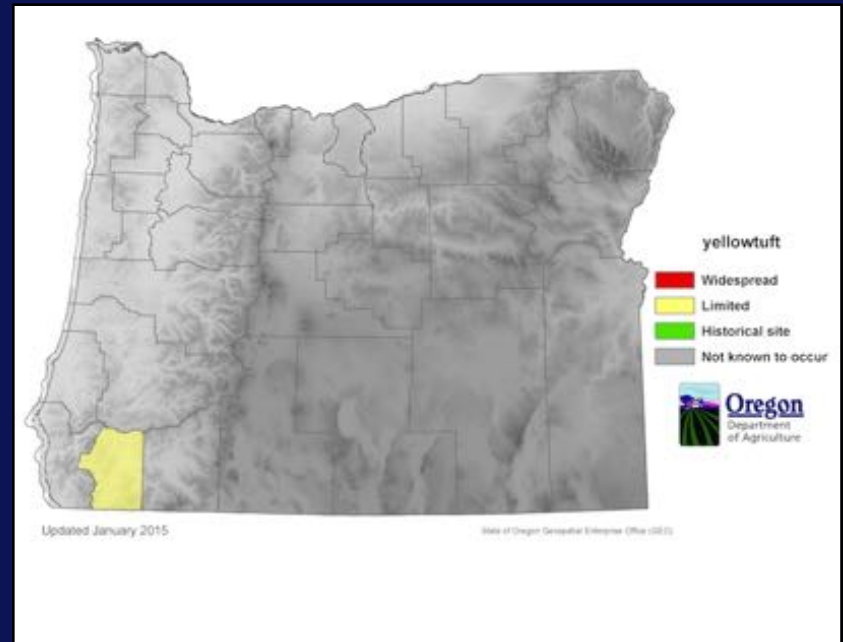
Protecting Oregon's natural resources and
agricultural economy



Yellowtuft alyssum, *Alyssum Murale* & *A. Corsicum*



Illinois Valley, Josephine County



Protecting Oregon's natural resources and agricultural economy



Southwest Oregon Alyssum Survey and Control

ODA Statewide Priority

- A & T -listed species

Funding

- ODA funds
- OSWB grants
- National Forest funds
- S&P Program funds
- BLM Funds

Partners

- ODA
- Alyssum Working Group
- Rogue - Siskiyou NF
- BLM
- The Nature Conservancy
- Citizen Volunteers
- Private landowner



*Protecting Oregon's natural resources and
agricultural economy*



Yellowtuft alyssum

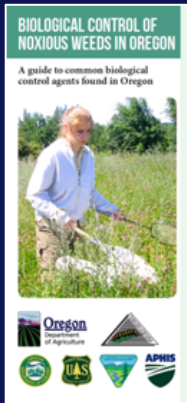
- Successfully finding new small sites
- 96% reduction
- Seed bank depleting



*Protecting Oregon's natural resources and
agricultural economy*



Education & Outreach activities:



Publications



Oregon State Fair



Workshops, Symposiums and Forums



Protecting Oregon's natural resources and agricultural economy





Protecting Oregon's natural resources and agricultural economy



Challenges for the Future?



More Information !

<http://www.oregon.gov/oda/programs/weeds/pages/aboutweeds.aspx/>

The screenshot shows the Oregon Department of Agriculture website. The navigation bar includes links for Home, About Us, Programs, Oregon Agriculture, Licenses, FAQs, and News. The main content area is titled 'About Noxious Weed Control' and includes a sidebar with a list of links such as 'Oregon Noxious Weeds', 'Weed Distribution in WeedMapper', 'Weed Biological Control', 'Early Detection and Rapid Response (EDRR)', 'Report and Identification Form', 'Weed Free Forage', 'Oregon State Weed Board', 'Oregon State Weed Board Grant Program', 'County Weed Programs', 'Cooperative Weed Management Areas', and '2014 Interagency Noxious Weed Symposium'. The main text describes the Noxious Weed Control Program's role in protecting natural and agricultural resources. It lists the impacts of noxious weeds, such as displacing native plants and affecting agriculture and wildlife. It also lists the staff's responsibilities, including early detection, biological control, and providing assistance to landowners. A contact section provides the address and phone number for the Noxious Weed Control office.

Oregon Department of Agriculture / Programs / Weeds and WeedMapper

About Noxious Weed Control

The Noxious Weed Control Program serves as a leader in protecting valued natural and agricultural resources from the introduction and spread of noxious weeds.

Noxious weeds

- Displace and compete with native and desirable economic plants
- Impact agricultural and forest economies and resources such as fish, wildlife, recreation, and overall watershed health

Noxious Weed Control Program staff

- Implement early detection and rapid response projects for new invaders
- Promote an intensive biological control program
- Provide assistance to those implementing integrated weed management projects across the state
- Maintain maps for priority listed noxious weeds
- Conduct statewide inventories and surveys
- Deliver education outreach programs
- Serve as a resource to the Oregon State Weed Board

Contact

Noxious Weed Control
635 Capitol St. NE
Salem, OR 97301
Phone: 503-986-4621



*Protecting Oregon's natural resources and
agricultural economy*



Oregon
Department
of Agriculture

Oregon Department of Agriculture
Noxious Weed Control Program

1-866-INVADER

<http://oregon.gov/ODA/PLANT/WEEDS/>



*Protecting Oregon's natural resources and
agricultural economy*

