Roadside Weed Control

2015 OSU Non-Crop
Will Lackey
Vegetation Management Coordinator
What’s the Problem?
Challenges
Weeds

• Russian Thistle – 200,000 seeds
• Kochia – 15,000 seeds
• Rush Skeletonweed – 20,000
Fencerows
Prevention

- Clean Equipment
- Weed Free Fill/ Aggregate
- Minimize Soil Disturbances
- Maintain Vegetation-Free Shoulder
Noxious Weed Priorities

1. Safety
2. “A” List
3. “T” List
4. Isolated “B” List
5. “B” List
Continuous Monitoring of Roadside Vegetation

Identify Problem Areas

Evaluate Treatment Options Including: No Action, Chemical, Mechanical, Biological, Cultural Methods

Establish Treatment Plan

Treat Problem Area

Monitor Treatments

Treatment Effective

Adjust Treatment Plan - Follow up if Necessary

Treatment Ineffective
Early Detection Rapid Response

- Catch them early - while you still can...
  - Introduction
  - Detection
  - Widespread awareness

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<th>Eradication</th>
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<th>Eradication Impractical - only expensive local management</th>
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Vegetation Management Methods

Mechanical

Cultural

Chemical

Biological
Mechanical Control
REMEMBER THAT TIME YOU FORGOT TO THINK?
Biological Control

Bruchidus villosus
Cultural Control Methods

- Seeding
- Cleaning Equipment
- Weed Free Erosion Control
- Burning
Chemical Control
Evaluate Alternatives

Weed Barriers

Infrared

Goats
Coordination
Adopt-a-Highway

- Noxious Weed Pulling
  - Noxious Weed Removal Plan
  - Approved by ODA or County Weed Board
- http://www.oregon.gov/ODOT/HWY/OOM/Adopt/AAH.shtml
Summary

• Challenges
• Prevention
• IVM
• Coordination
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