A Year in the Life of an Applicator

Will Lackey
Oregon Department of Transportation
2017
Actions

- Preparing
- Planning
- Monitoring
- Applications
- Documentation
Preparing - Licensing/Certification

OREGON DEPARTMENT OF AGRICULTURE

Public Pesticide Applicator
Certification Period: 01/01/2013 thru 12/31/2017
Lic: AG-L0168826PPA    Expires: 12/31/2016
Name: WILLIAM D LACKEY
Address: C/O DEPT OF TRANSPORTATION
        455 AIRPORT RD SE BLDG K
        SALEM OR 973014798

Categories: 780 802 830
### License Information

<table>
<thead>
<tr>
<th>License #</th>
<th>Certification Begin</th>
<th>Certification End</th>
<th>Type</th>
<th>Initiates</th>
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<th>Expiration</th>
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### Training Summary

**Commercial Pesticide Applicator**

<table>
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<tr>
<th>From</th>
<th>Thru</th>
<th>Hours Attended</th>
<th>Hours Credited</th>
<th>Total Hours</th>
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<td>01/01/2020</td>
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<td>12/31/2021</td>
<td>0</td>
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</table>

0 credit hours of the 40 required credit hours have been completed.

* M/C = No Credit
* * * Training requirements HAVE NOT been met. * * *
Search Results: Pesticide Credit Hour Reports

Session
- Annual Conference, Day 2, Morning Session
134140301 10/24/2013 Oregon Vegetation Management Association Seaside OR 4
- Annual Conference, Day 2, Afternoon Session
133840101 09/10/2013 Oregon Department of Transportation - Fall IVM Meeting, Must Attend All Day Salem OR 7
131060103 01/10/2013 Helena Chemical Company - Updates for Vegetation Management & Aquatics, Must Attend Entire Session Kennewick WA 6

TRAINING SUMMARY - Public Pesticide Applicator - 01/01/2013 through 12/31/2017

<table>
<thead>
<tr>
<th>Year 1 (01/01/2013)</th>
<th>Year 2 (01/01/2014)</th>
<th>Year 3 (01/01/2015)</th>
<th>Year 4 (01/01/2016)</th>
<th>Year 5 (01/01/2017)</th>
<th>Total Hours</th>
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</thead>
<tbody>
<tr>
<td>From: 01/01/2013</td>
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<td>01/01/2015</td>
<td>01/01/2016</td>
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<table>
<thead>
<tr>
<th>Hours Attended</th>
<th>Core</th>
<th>0</th>
<th>0</th>
<th>9</th>
<th>6</th>
<th>0</th>
<th>15</th>
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<tr>
<td></td>
<td>Other</td>
<td>29</td>
<td>35</td>
<td>25</td>
<td>9</td>
<td>0</td>
<td>98</td>
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</table>

<table>
<thead>
<tr>
<th>Hours Credited</th>
<th>Core</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Other</td>
<td>15</td>
<td>15</td>
<td>10</td>
<td>0</td>
<td>0</td>
<td>40</td>
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</table>

Required Hours --> Core: 0 Other: 40
40 credit hours of the 40 required credit hours have been completed.
Preparing - Herbicides

- Inventory
- Review Labels
- Review Price Lists
- Ordering
Preparing - Equipment

- Inspect
- Repair
- Calibrate
Planning

- Annual IVM Plans
- Coordinate with other activities

2016-2017
Oregon Department of Transportation

District 7
3500 NW Stewart Parkway
Roseburg, Oregon 97470

Phone: 541-957-3586
Fax: 541-672-5053
Planning – Agreements/Permits

- No-Spray
- NPDES 2300-A
- PUP’s
- MOU’s
Monitoring

1. Continuously Monitor Roadside Vegetation
2. Identify Problem Areas
3. Evaluate Treatment Options Including: No Action Chemical, Mechanical, Biological, Cultural Methods
4. Establish Treatment Plan
5. Treat Problem Area
   - Adjust Treatment Plan - Follow up if Necessary
   - Monitor Treatments
     - Treatment Effective
     - Treatment Ineffective
Monitoring
Early Detection Rapid Response

Catch them early - while you still can...

- Widespread awareness
- Detection
- Introduction

Eradication:
- simple
- feasible
- difficult
- only expensive local management
Monitoring

- Adverse Incidents
- Daily Monitoring
  - Weather
  - Wind
Applications

- Cut Stump
- Hack and Squirt
- Year Round
- Imazapyr
- Triclopyr
Applications

• Shoulder Spray
  • Coordinate with other activities
• Spring - Western Oregon
• Spring/ Fall – Eastern Oregon
Applications

- Nuisance Weeds
Applications

- Spot Spray
  Noxious Weeds
- Plant Specific
Applications

• Brush Spraying
  • <4ft – Actively growing
  • >4ft – Avoid Brown out
Applications

- Landscape – Bareground
  - Winter/Early Spring
  - Specticle
  - Casoron
# ODOT Vegetation Management

*Activity Calendar Planning Tool*

**June 2016**

<table>
<thead>
<tr>
<th>Activity</th>
<th>January</th>
<th>February</th>
<th>March</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July</th>
<th>August</th>
<th>September</th>
<th>October</th>
<th>November</th>
<th>December</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shoulder Spray E. Oregon</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Shoulder Spray W. Oregon</td>
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<td></td>
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</tr>
<tr>
<td>Spot Spray Brush (Less than 4 Ft tall)</td>
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<td></td>
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<tr>
<td>Spot Spray Brush (Greater than 4 Ft tall)</td>
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<td></td>
<td></td>
<td>Spraying can cause severe brownout</td>
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<tr>
<td>Cut Stump, Basal Bark, Hack-N-Squirt</td>
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<tr>
<td>Spot Spray Noxious Woody Plants</td>
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<td></td>
<td>Scotch broom</td>
<td>Blackberry, Russ. olive</td>
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<tr>
<td>Spot Spray Noxious Annuals, Biennials</td>
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<td></td>
<td>Cow Parsnip, Garlic Mustard</td>
<td>Yellow star, Scotch Thistle</td>
<td>Puncturevine Russian Thistle, Kochia</td>
<td>Medusahead</td>
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<tr>
<td>Spot Spray Noxious Perennials</td>
<td></td>
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<td></td>
<td>Knapweeds, Whitetop</td>
<td>Dalmatian Toadflax, Pepperweed</td>
<td>Subatgrass</td>
<td>Dalmatian Toadflax, Skeletonweed</td>
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<tr>
<td>Mowing E. Oregon</td>
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<td>Contact local ODF office for potential fire restrictions.</td>
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<td>Mowing W. Oregon</td>
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<tr>
<td>Brush Mowing</td>
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<td>Contact Local ODF office for potential fire restrictions</td>
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<td>Timber Falling</td>
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<td>When feasible non-Imminent tree falling should be done outside the migratory bird nesting window</td>
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***When conducting tree removal during the wet season refer to the Blue Book/Erosion Control manual to minimize/prevent exposure/runoff of mineral soils.***

***Contact local ODF office for potential fire restrictions***
Application

- Recycle MT Containers
- Multiple Rinse
- Reuse Rinsate
Documentation

- Daily Spray Reports
- Retain 3 years
Documentation

- Annual Reports
  - NPDES 2300-A
  - USFS
Documentation

- Vegetation Management Effectiveness
  - Successes/ Failures
- Equipment Condition
  - Needed Repairs
Snapshots

Don't do it, kid. Think. Think.