

WRITTEN PLAN REQUIRED: **YES** NO

**Aerial and Hand Spray Plan**

Applicator : Roseburg Resources Company  
 Unit # \_\_\_\_\_ Acres 20  
 Unit Name Buff Shovel  
 Targets: hardwoods, woody brush, herbaceous  
 Application Rate : 5 - 10 gal/acre. Carrier: water

Chemicals to be used singly or in combination:

- Glyphosate
- Sulfometuron methyl
- Metsulfuron methyl
- Imazapyr
- Hexazinone
- Clopyralid
- Atrazine
- Triclopyr Ester + Amine
- Non-ionic surfactant
- Oil surfactant
- aminopyralid
- Other \_\_\_\_\_

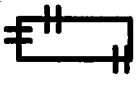
**WRITTEN PLAN**

All chemical application rules specified in the Oregon Forest Practices Act will be adhered to. A buffer strip parallel to each fish bearing or domestic stream will be left to protect water from the direct application of chemicals. Protected resources will be reviewed with the applicator prior to application. A Company Forester will be nearby to monitor weather.

- Additional Mitigating Measures:
- Hardwoods left by logging within the Riparian Zone will not be targeted for treatment.
  - The helicopter used for applying herbicides to Roseburg Resources plantations will be equipped with and may implement a unique half boom shutoff system which can limit the swath width to approximately 25 feet, and will more accurately align the swath edge under the center of the helicopter while reducing drift. This system will be implemented in areas where site and environmental conditions ( terrain, weather, RMA width, etc.) dictate the need for additional protection measures.
  - Application will comply with all regulations pertaining to seasonal and temporal restrictions around the identified wildlife resource site.
  - No hand application will occur within 10' of the aquatic area of the identified stream.

Other \_\_\_\_\_  
Duane Ginter 11/20/14  
 Landowner Representative date

**LEGEND**

- Treatment Area 
- Type F/D Streams XXXXXXXXX

14' plant