



DNR Chemical Application Regulations



Forest Practice Rules

- **Modern rules evolved from the Forest Practice Act of 1974. (RCW 76.09 and WAC 222)**
- **Most recent significant change was the Forest and Fish Agreement -2001**



How Rules Are Made

* Forest Practice Board

Adopts/changes rules from the science based recommendations of the Adaptive Management Program

TFW Committee
CMER Committee

* Legislature



Forest Chemical

WAC 222-38 (WAC 222-16-070)

Board Manual Section 12

- WAC – Describes rule requirements including buffers, notification, on site storage and handling for chemical and fertilizer treatments.
- Board Manual – BMPs for equipment specifications and environmental conditions



Forest practices rule objectives regarding forest chemicals

“The purpose of these regulations is to regulate the handling, storage and application of chemicals in such a way that the public health, lands, fish, wildlife, aquatic habitat, wetland and riparian management zone vegetation will not be significantly damaged and water quality will not be endangered by contamination. This section in no way modifies the state department of agriculture regulations governing chemicals.” WAC 222-38-010



Application Process

An FPA/N is only required for aerial application of chemicals

Ground operations still must follow WAC.



Aerial Chemical Application



For DNR Region Office Use Only	
FPA/N #:	
Region:	
Received Date:	

Forest Practices Application/Notification For Aerial Chemicals

Project Name:

PLEASE USE THE INSTRUCTIONS TO COMPLETE THIS APPLICATION.

1. Landowner, Timber Owner and Operator

Legal Name of LANDOWNER	Legal Name of TIMBER OWNER <input type="checkbox"/> Same as Landowner	Legal Name of OPERATOR <input type="checkbox"/> Same as Landowner
<input type="text"/>	<input type="text"/>	<input type="text"/>
Mailing Address:	Mailing Address:	Mailing Address:
<input type="text"/>	<input type="text"/>	<input type="text"/>
City, State, Zip:	City, State, Zip:	City, State, Zip:
<input type="text"/>	<input type="text"/>	<input type="text"/>
Phone:	Phone:	Phone:
<input type="text"/>	<input type="text"/>	<input type="text"/>
Email:	Email:	Email:
<input type="text"/>	<input type="text"/>	<input type="text"/>

2. Contact Person

Contact Person:	Phone:
<input type="text"/>	<input type="text"/>
	Email:
	<input type="text"/>

3. Are you substituting prescriptions from an approved state or federal conservation agreement or Watershed Analysis?

No Yes Write 'HCP' or 'Using Prescriptions' in tables that apply. Attach or reference prescriptions and/or crosswalks forms on file at the Region office.

4. Complete the following property description:

Unit Number	Acres	Section	Township	Range	E/W	County
<input type="text"/>						
<input type="text"/>						



Aerial Chemical Application

6. Is this proposal (answer every question):

- a. No Yes Within the city limits or an urban growth area? *If yes, include SEPA Environmental Checklist, or SEPA Determination, or approved 10-year management plan.*
- b. No Yes Within a public park? *If yes, include SEPA Environmental Checklist or SEPA Determination.*
Park name:
- c. No Yes Within 500 feet of a public park? Park name:
- d. No Yes An Alternate Plan? *If yes, include a copy of the Alternate Plan.*
- e. No Yes Using a chemical that is not registered or for a use that is not allowed under the label? *If yes, include a copy of your Experimental Use Permit and a SEPA Environmental Checklist.*
- f. No Yes Applying a pesticide in a Type A or Type B Wetland? *If yes, include a SEPA Environmental Checklist or SEPA Determination.*

7. Are you spraying 240 or more contiguous acres?

- No Yes *If yes, include a SEPA Environmental Checklist or SEPA Determination.*

Prior to answering Questions 8 and 9 in this section please refer to the Aerial Chemicals Application Instructions.

8. Have you reviewed this forest practices activity area to determine whether it may involve archaeological or historical sites or tribal cultural resources?

- No Yes *If yes, complete Questions 1.a. through 1.c. of Appendix K. Archaeological, Historical, Tribal Cultural Resource Form and submit with your application.*

Note: If you answer no, DNR will screen the FPA to determine whether the proposed forest practices activities may be within an area of interest for tribal cultural resources or within a DAHP registered or recorded archaeological or historic site. WAC 222-16-010 defines cultural resources as "archaeological and historic sites and artifacts, and traditional religious, ceremonial, and social uses and activities of affected Indian tribes."

9. Have you reviewed the state list of registered archaeological or historic sites or contacted the Department of Archaeology and Historic Preservation (DAHP) to determine if a DAHP registered or recorded archaeological or historical site is within this forest practices activity area?

- No Yes *If yes, complete Questions 2.a. through 2.c. of Appendix K. Archaeological, Historical, Tribal Cultural Resource Form and submit with your application.*

10. Additional Information (attach additional pages if necessary):



Aerial Chemical Application

11. We acknowledge the following:

- The information on this application/notification is true.
- We understand this proposed forest practice is subject to:
 - The Forest Practices Act and Rules AND
 - All other federal, state or local regulations.
- Compliance with the Forest Practices Act and Rules does not ensure compliance with the Endangered Species Act or other federal, state or local laws.
- We understand that applying chemicals is not an activity included as part of the DNR's Incidental Take Permit for aquatic species.
- Inadvertent Discovery – Chapters 27.44, 27.53, 68.50 and 68.60 RCW
 - If you find or suspect you have found an archaeological object or Native American cairn, grave, or glyptic record, immediately cease disturbance activity, protect the area and promptly contact the Department of Archaeology and Historic Preservation at 360-586-3077.
 - If you find or suspect you have found human skeletal remains, immediately cease disturbance activity, protect the area, and contact the County Coroner or Medical Examiner and local law enforcement as soon as possible. Failure to report human remains is a misdemeanor.

The landowner understands that by signing and submitting this FPA, he/she is authorizing the Department of Natural Resources to enter the property in order to review the proposal, inspect aerial chemical operations, and monitor compliance for up to three years after its expiration date. RCW 76.09.150

Signature of Legal LANDOWNER	Signature of Legal TIMBER OWNER* <i>(If different than landowner)</i>	Signature of Legal OPERATOR <i>(If different than landowner)</i>
Print Name: <input type="text"/>	Print Name: <input type="text"/>	Print Name: <input type="text"/>
Date: <input type="text"/>	Date: <input type="text"/>	Date: <input type="text"/>

** NOTE: If you are a "Perpetual Timber Rights Owner," and are submitting this without the Landowner's Signature, provide written evidence the landowner has been notified.*

Please make a copy of this FPA/N for your records.



Office Review

- Compare applicant chemical list to PICOL database.
- Compare application boundaries to critical resource GIS layers.
- Run application through key under WAC 222-16-070.
- Application classed – input to FPARS



Aerial Chemical Application

5. Chemical Information - Show all buffers on your Activity Map**

Unit Identifier (Must Match map)	Acres Treated	*Active Ingredient	*List associated EPA Number by Active Ingredient	Are you spraying within:			Site Prep (Anticipated year)	Spring Conifer Release (Anticipated year)	Fall Conifer Release (Anticipated year)
				100 feet of agricultural land?	200 feet of a residence?	100 feet of surface water?			
1	91	SULFOMETURON METHYL	432-1557 C				2019		
1	91	Metsulfuron-methyl	432-1557 C				2019		
1	91	Sulfometuron-methyl	81927-5 C	No	No	Yes	2019		
1	91	Metsulfuron-methyl	81927-5 C				2019		
1	91	SULFOMETURON METHYL	432-1552 C	No	No	Yes		2019	
1	91	Glyphosate	228-365 C			Yes		2019	
1	91	Glyphosate	62719-324 C			Yes		2019	
1	91	Glyphosate	524-343 C			Yes	2019	2019	
1	91	Glyphosate	524-475 C			Yes	2019		
1	91	Imazapyr	81927-6 C	No	No	Yes	2019		

Sulfometuron Methyl

Metsulfuron Methyl

Glyphosate

Imazapyr



Screening/Review Tools

WSPRS
Pesticide Information Center Online

Print

Pesticide Information Center Online (PICOL) Databases

Welcome to Washington State University's label databases. These databases are operated by WSU with funding from the Washington State Department of Agriculture, the Oregon Department of Agriculture, Oregon State University, and WSU. The databases are updated daily.

Registered Labels

The label database can be searched by using selected information from pesticide products registered in Oregon and/or Washington. Washington data includes Section 3, Section 24c, Section 18 and federal supplemental labels. It does not include EUPs. Oregon data includes Section 3, Section 24c and federal supplemental labels. It does not include EUPs. Electronic copies (i.e., PDFs) of Washington labels are uploaded as we receive them from WSDA. NOTE: THESE WEB LABELS ARE FOR INFORMATIONAL PURPOSES ONLY. THIS DATABASE IS NOT A SUBSTITUTE FOR OBTAINING AND READING PESTICIDE LABELS. PICOL INFORMATION HAS NO LEGAL STATUS, WHEREAS THE LABEL IS A LEGAL DOCUMENT.

Section 24c

This site contains nine SLN Quick Search Lists for Washington and Oregon. Users may also access the full PICOL database via the Registered Labels button above to perform more detailed searches for SLNs.

Maintenance of the PICOL tolerance database has been discontinued. We sincerely apologize for any inconvenience. In its place we recommend users access the [USEPA Tolerance Database](#) or the [USDA Foreign Agriculture Service Maximum Residue Limit Database](#).

Puyallup Research and Extension Center, 2606 West Pioneer, Puyallup, WA, 98371-4900, 253-445-4611, [Contact Us](#)

<http://cru66.cahe.wsu.edu/LabelTolerance.html>



Screening/Review Tools



WSPRS

Pesticide Information Center Online

Print

PICOL OUTPUT – TABULAR

EPA Number EQ 81927-6

States EQ WA

Year EQ 2019

Format Labels

Export to Excel

Refine Query

New Query

PRODUCT NAME	EPA #	INGREDIENT	SIGNAL WORD	GROUNDWATER ADVISORY STMT
ROTARY 2 SL [5	81927-6	IMAZAPYR, ISOPROPYLAMINE SALT	CAUTION	NO

Format Labels

Export to Excel

Refine Query

New Query

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<http://cru66.cahe.wsu.edu/LabelTolerance.html>



WASHINGTON STATE DEPARTMENT OF
NATURAL RESOURCES

dnr.wa.gov

Screening/Review Tools

Forest

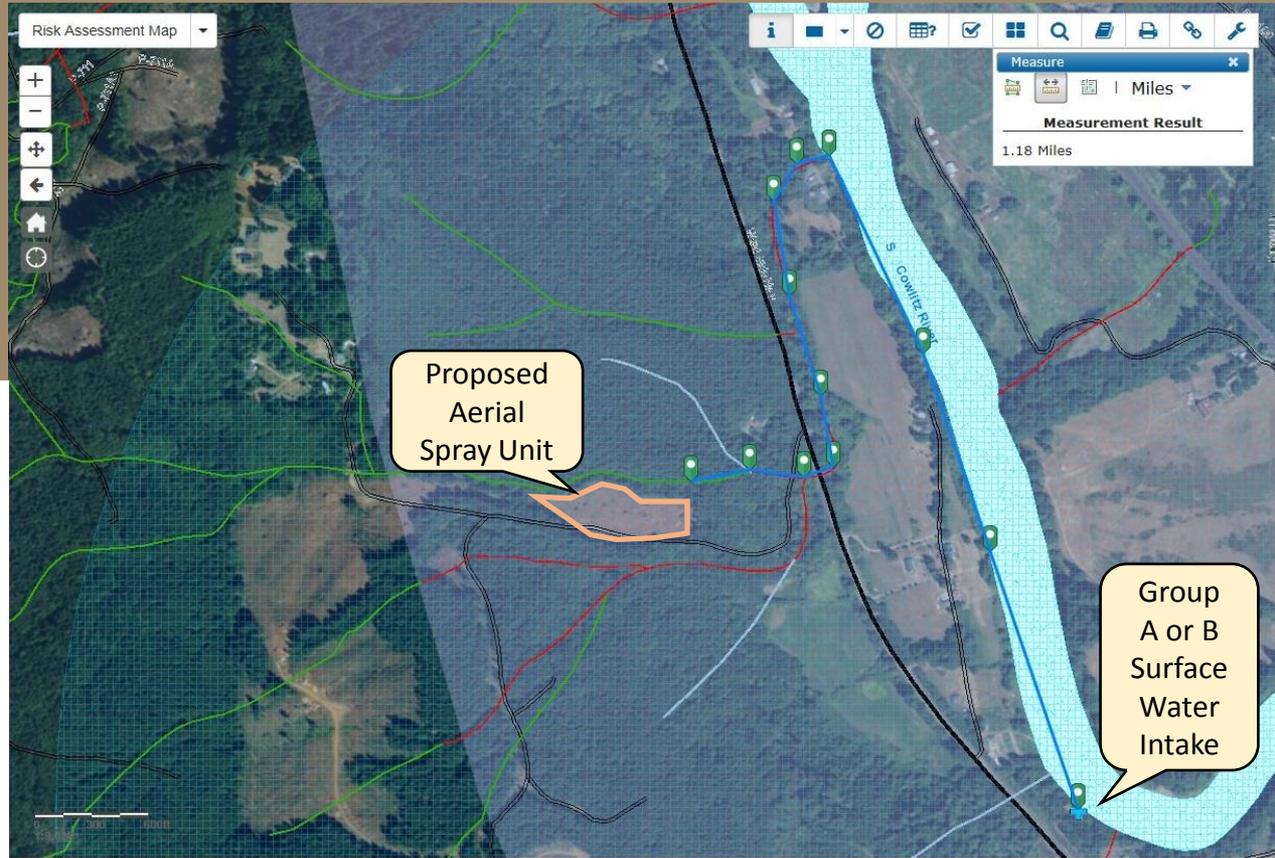
Practices

Risk

Assessment

Legend

- Section Lines
- Group A & B Spring Water Systems
- Group A & B Spring Water 200 Foot Buffer
- Group A & B Surface Water Intakes
- Group A & B Surface Water System One Mile Buffer



Classification

Chapter 222-16 (Definitions)

KEY FOR EVALUATION OF SITE SPECIFIC USE OF AERIALLY APPLIED PESTICIDES

Question	Question	Resp	Action
1 (a)	Is the pesticide on the pesticide list (WAC 222-16-070(1))?	Yes No	go to 2 go to 1(b)
1 (b)	Is the pesticide on the Pesticide List, Part 1, Division 1, Section 111, Permit (WAC 222-16-070(2))?	Yes No	Class III Class IV Sp
2	Is the toxicology data designated as Class III or Class IV Sp?	Yes No	Class IV Sp go to 3(a)
3 (a)	Is <i>Bacillus thuringiensis</i> (BT) or <i>Bacillus pasteurii</i> (BPa) used?	Yes No	go to 3(b) go to 4(a)
3 (b)	Is there a Toxicology Data designated as Class IV Sp or Class III?	Yes No	Class IV Sp Class III
4 (a)	Is this operation designated as Class IV Sp or Class III?	Yes No	go to 4(b) go to 5(a)
4 (b)	Is this pesticide on the Pesticide List, Part 1, Division 1, Section 111, Permit (WAC 222-16-070(2))?	Yes No	Class IV Sp go to 5(a)

WASHINGTON STATE UNIVERSITY WSPRS Pesticide Information Center Online

PICOL OUTPUT - TABULAR

EPA Number EQ 81927-6
States EQ WA
Year EQ 2019

Format Labels Export to Excel Refine Query New Query

PRODUCT NAME	EPA #	INGREDIENT	SIGNAL WORD	GROUNDWATER ADVISORY STMT
ROTARY 2 SL 15	81927-6	IMAZAPYR, ISOPROPYLAMINE SALT	CAUTION	NO

Format Labels Export to Excel Refine Query New Query

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Classification

Chapter 222-16 (Definitions)

KEY FOR EVALUATION OF SITE SPECIFIC USE OF AERIALY APPLIED PESTICIDES

Question	Question	Resp	Action
1 (a)	Is the pesticide on the pesticide list (WAC 222-16-070(1))?	Yes	go to 2
		No	go to 1(b)
1 (b)	Is the pesticide being used under a Dept of Agriculture Experimental Use Permit (WAC 16-228-1460)?	Yes	Class III
		No	Class IV Sp
2	Is the toxicity rating for the pesticide to be used "Danger - Poison" as designated in the pesticide list (WAC 222-16-070(1)(b))?	Yes	Class IV Sp
		No	go to 3(a)
3 (a)	Is <i>Bacillus thuringiensis</i> (BT) the only pesticide being used on this application?	Yes	go to 3(b)
		No	go to 4(a)
3 (b)	Is there a Threatened or Endangered species or the critical habitat (Federal) or critical habitat (State) of a species within the application area that is susceptible to the BT strain being used?	Yes	Class IV Sp
		No	Class III
4 (a)	Is this operation occurring over ground water with a high susceptibility to contamination as specified in EPA 910/ 9-87-169 or in documentation provided by the department of ecology?	Yes	go to 4(b)
		No	go to 5(a)
4 (b)	Is this pesticide a state restricted use pesticide for the protection of ground water under WAC 16-228-1231?	Yes	Class IV Sp
		No	go to 5(a)

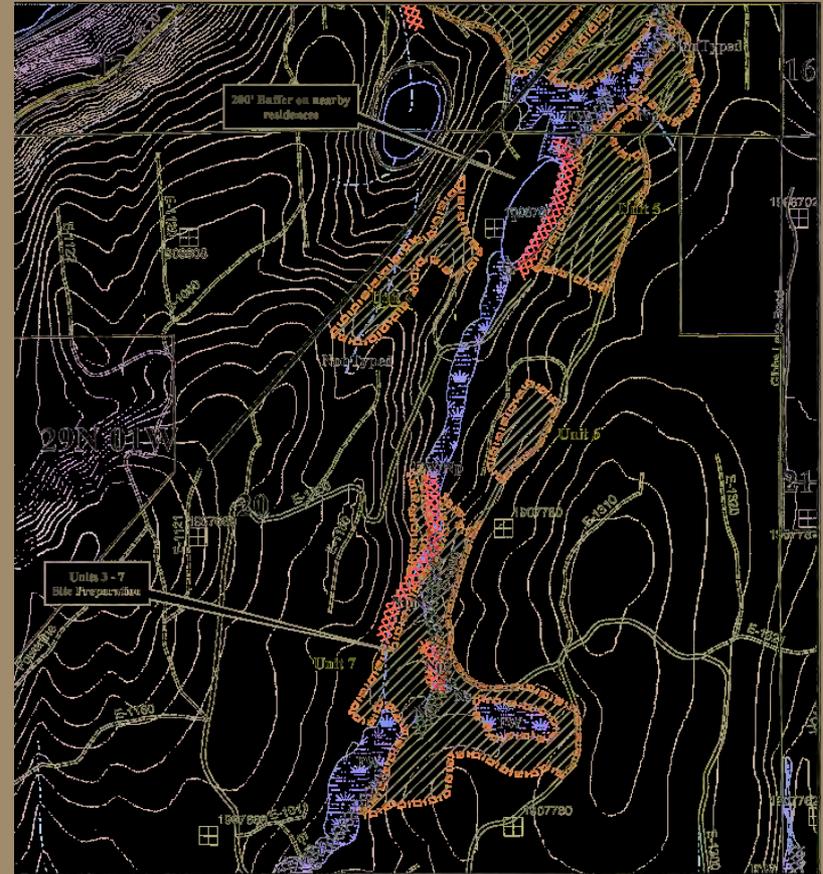
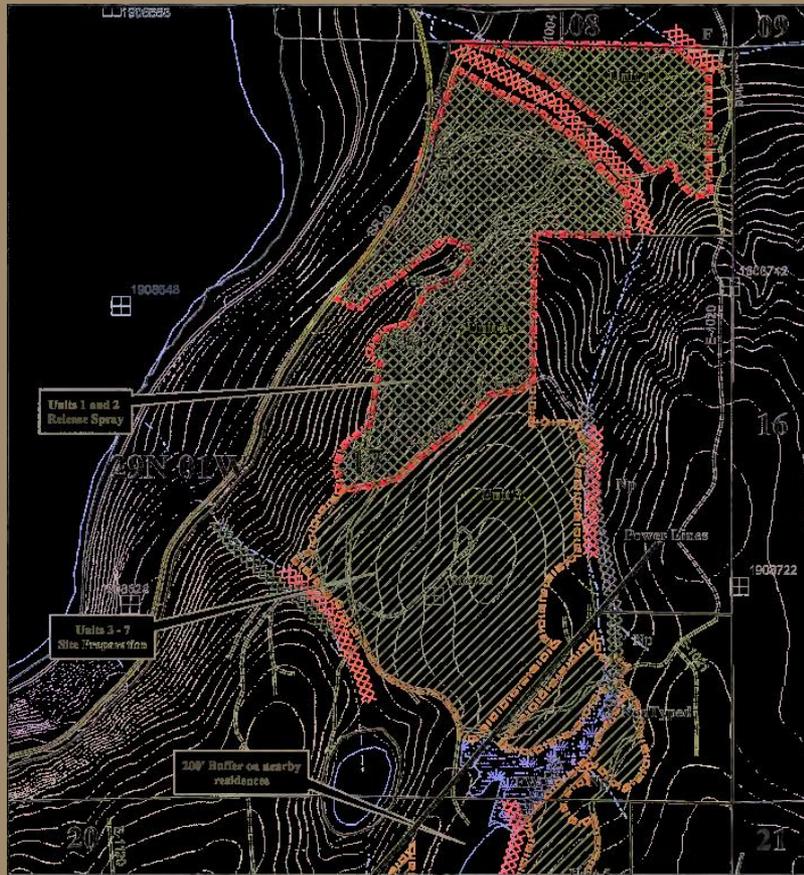


Forester Review

- Compare chemical application area to previous harvest area.
- Ensure water resources are consistent with harvest FPA/N and buffers are indicated.
- Arrange site reviews. (2019 Sites)



Moon Lake FPA/N



Questions?



