What kind of License do I need?

License type
Stand Alone Exam
Endorsement
Commercial Applicator: Applying to lands/property of another.

Public Operator: Powered apparatus and/or RUP.

Private Applicator: Using Restricted Use Pesticide (RUP)
Silent Quiz

Raise your hand when you think you got it.
You’re a licensed Public Operator for a Parks Department. Have a landscape side business on the weekends.

What kind of license do you need?

A  Commercial Applicator

B  Private Commercial

C  Nothing more, Public Operator is fine
You’re spraying a roadside or landscape up to a ditch. The ditch has water in it.

You need an aquatic endorsement if…

A. You create a large buffer and don’t get near the water.
B. You aren’t spraying the water and only a little gets in.
C. The ditch is not a fish bearing stream.
D. Both B and C.
You’re a Commercial Operator applying Casoron (herbicide) & Talstar (insecticide) to a yard.

What endorsement do you need?

A Ornamental weed
B Ornamental insect and disease
C Both types
You’re a Public School District employee treating a wasp nest at a school.

What kind of license do you need?

A  Public Operator

B  Private Applicator

C  No license needed

Unless! You’re using powered equipment or RUP!
You are a Commercial Applicator hired to treat a wasp nest at a daycare center.

What endorsement do you need?

A  Ornamental Insect and Disease

B  PCO General

C  Public Health Control
You are an employee of a private cemetery, applying a Restricted Use Pesticide (RUP)

What license do you need?

A  Private Applicator  (Agriculture)

B  Private Commercial

C  Don’t need one on private land
What license do you need?

A. Public Operator

B. Commercial Applicator

C. None, not using RUP

Parks employee using powered equipment on a public cemetery.
You are a Public Operator applying fumigation pellets for gopher control.

What endorsement do you need?

A  Pest animal  (Agriculture situation)

B  PCO General

C  Fumigant  (Stored commodities)
Restricted Use Pesticides
Federal Restricted Use Pesticide

Diazinon AG500

For control of certain insects on fruits, nuts, vegetables, and ornamentals grown outdoors in nurseries.

ACTIVE INGREDIENT: % BY WT.
Diazinon: O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)phosphorothioate ........ 48.0%
INERT INGREDIENTS* .................................................. 52.0%
TOTAL ........................................................................ 100.0%

Contains 4 lb of chlorpyrifos per gallon.
Contains petroleum distillates.

Precautionary Statements
Hazard to Humans and Domestic Animals
EPA Reg. No. 62719-220

How can we help? 1-866-406-6262
Tordon® RTU

Specialty Herbicide
For controlling unwanted trees via cut surface treatments in forests and non-cropland areas such as fencerows, roadides, and rights-of-way.

Agricultural Use Requirements
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

For additional Precautionary Statements, First Aid, Storage and Disposal and other use information see inside this label.

Notice: Read the entire label. Use only according to label directions. Before using this product, read Warranty Disclaimer and Inherent Risks of Use, and Limitation of Remedies, and if the terms are unacceptable, return at once unopened.

In case of exceeding recommended health levels, consult a physician.

Keep out of reach of children.

MADE IN MEXICO
Trademark of Dow AgroSciences LLC
Produced for Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268

Rodeo®

Herbicide
For control of annual and perennial weeds and woody plants in natural and managed forests, non-cropland areas, meadows, and fields. When used correctly, Rodeo® is compatible with irrigation equipment.

Keep Out of Reach of Children

CAUTION

Group: 9
HERBICIDE

Active Ingredient:
glyphosate + N-phosphonomethylglycine, 
sopropylamine salt ............................................. 63.3%
Other Ingredients .............................................................. 36.7%
Total .................................................................................. 100.0%

Contains 5.4 lb per gallon glyphosate, isopropylamine salt (4 lb per gallon glyphosate).
WHAT THE FRIC?
Renewed your licensed?
Correct license type?
Correct Category/endorsement?
Financial Responsibility Insurance Certificate (FRIC)?
WSDA Licensing Department:

License@agr.wa.gov
1-877-301-4555
Special Notification
Circumstances

Pesticide
Sensitive
Individuals

Schools
Don’t forget to notify Pesticide Sensitive Individuals!

Lists mailed out January and June

Notify (2 hours)

Landscape: Adjacent

Right of Way: ½ mile
School Notification

Licensed day care
Public K-12

At least 48 hours advance Notice.

Marker at each application Location & primary points of entry.
Required Posting

Size= 8.5” x 11”
Product name
Date and time
Location
Pest controlled
Contact information
Remain ≥ 24 hours
THIS LANDSCAPE HAS BEEN RECENTLY SPRAYED WITH PESTICIDES BY YOUR SCHOOL.

FOR MORE INFORMATION PLEASE CALL: ______________
THIS LANDSCAPE HAS BEEN RECENTLY SPRAYED OR TREATED WITH PESTICIDES BY

*Name of Applicator or Company

FOR MORE INFORMATION PLEASE CALL

**Phone number
Landscape: Where do I post?

- Residential Property
- Commercial Property
- Golf Courses
- Parks, Cemeteries, rest stop, etc.

Licensed Applicator

- Schools
- Nursery schools
- Licensed daycares

Unlicensed Applicator
THIS LANDSCAPE HAS BEEN TREATED BY

COMPANY

PHONE #

FOR MORE INFORMATION
PLEASE CALL

© BMC # C1026-0
STOP
DO NOT ENTER PARK
PESTICIDE SPRAYING
RE-ENTER AFTER:
Calls/Complaints:
“I see someone in a full hazmat suit…”

How do you respond to public questions?
Fear of the unknown...

“I don’t know.”
“It’s safe.”
Label
SDS
NPIC
1-800-858-7378
npic@ace.orst.edu
8:00AM to 12:00 PM M-F
Licensing

Communication

Technology

Case Studies
Emerging Technology

Record Keeping

Application
Application Records
May be an application or spreadsheet accessed from field laptop or tablet

May be tracking navigation system on your truck making Right-of-Way applications.
Electronic Records

- Can improve access to information
- Can save time
- Just make sure records...
- Keep track of all required items
**Herb Green**  
111199 25th Greener Ct NE  
Snow City, WA 09001

**Tank Smith, Tank’s Spray Service**  
12333 Rainy Lane, SeaTown, WA 09000  
(360)111-0000  
Lic. # 01234

**John Killzit**  
#12345

**Jack Driver**  
(unlicensed)

<table>
<thead>
<tr>
<th>1. Name &amp; Address of Person for Whom Pesticide was Applied:</th>
<th>2. Applicator Name and Address (if different from #1):</th>
</tr>
</thead>
</table>
| Herb Green  
111199 25th Greener Ct NE  
Snow City, WA 09001 | Tank Smith, Tank’s Spray Service  
12333 Rainy Lane, SeaTown, WA 09000  
(360)111-0000  
Lic. # 01234 |

**Front & Back Yards, All Ornamentals**

<table>
<thead>
<tr>
<th>Date and Time of Application (Start and Stop)</th>
<th>Crop or Site Treated</th>
<th>Acres Treated (or other measure)</th>
<th>Full Product Name</th>
<th>EPA Registration Number</th>
<th>Amount of Product Applied</th>
<th>Application Rate per acre (or other measure)</th>
<th>Area</th>
<th>Concentration</th>
<th>Weather Conditions, (wind direction, velocity, temperature)</th>
<th>License Plate No. and Name and License No. of person(s) who applied pesticide</th>
</tr>
</thead>
</table>
| 7/31/10  
9:00 am to 9:30 am | Orn. | 2000 ft² | Kill-it-All Bug Killer | EPA Reg. No.  
1313-333 | 16 oz/1000 ft² | 20 oz | 4 oz/gal | SW 1-2 mph  
74 °F | WSDA Plate # D555 |

- Keep Complete Records
- Front & Back Yards, All Ornamentals
- 2 gal Backpack & 500 gal Tank Truck
- Hose Sprayer, gave SDS to Mrs. Jones
AgWeatherNet Current Conditions Map

Location of station
Tools
Temperature, Wind speed, Wind direction
What tools are you using?
Equipment

Sensors

Spray Equipment
Precision

Spray Controllers
Drone Technology

Uses

Regulation
How drones are used?

- Collect Data
- Inspections
- Forestry
- Agriculture
Regulations

Current Limit of 55 lbs.

Pilot exam & TSA security

Falls under WPS

Label Interpretation issues

Maintain visual contact
A PCO company made a perimeter application of insecticide around a house by mistake. A child was sitting nearby at the time of the application. The home owner never hired the company to make treatments.
Ownership change - Lack of communication
Notification did not take place
Failure to acknowledge risk to child

**Initial denial of wrong doing by applicator**
Swab samples positive for Deltamethrin where applicator stated they didn’t spray. WSDA cited applicator for:
-Making false statements during a pesticide investigation.
Neighbor made an application to trees that drifted onto a daycare center.
Issues

Video of the application showed drift. There was a heated argument and altercation between parties involved.

The applicator was not wearing appropriate PPE.
WSDA cited applicator for:
- Label violations
- No Supervision of an unlicensed applicator
- Faulty, Careless, and negligent
Follow-Up Inspection of School District
Public operators making turf applications around schools using products such as Crossbow.
WSDA cited operators for:
- Making turf application without proper category
- Several elements missing from records
- Label violation, wind restriction records showed 12-13mph
A second hand business removed a leaking window. Upon removal the owner noticed rot and insect damage.
Owner applied Copper Naphthenate (wood preservative) on exterior and interior wood frame.

Exterior was sealed up, WSDA got an odor complaint. DOH referral.
WSDA cited applicator for:
- Using a product labeled for “exterior use only” inside a building.
- Not wearing required PPE
UPDATES!

Creation of Workgroup

Progress
Pesticide Application Safety workgroup

2018 SB 6529

WSDA, DOH, L&I, DNR, CHA

Notification
Report Due 2018

Draft in review

Final to legislature
How many of us are there in WA?

1,100,000 head of cattle in Washington State!
Thanks

Any Questions?

Kevin Jensen
WSDA Pesticide Compliance Investigator
360-902-2044
kjensen@agr.wa.gov

“Some of us grew up playing with tractors, the lucky ones still do”