ODA Updates & Reminders

2018 Urban Pest Management Course
Oregon City, OR

Colton Bond
Oregon Department of Agriculture

Overview

- Licensing Reminders
- Recordkeeping Requirements
- School IPM
- WSU's PICOL

Oregon Department of Agriculture

Certification ≠ Licensing

- **Certification** refers to the process of demonstrating that you know how to handle and apply pesticides in a safe and responsible manner.
  - Certification is the first step in getting licensed
  - Exams must be taken in specific categories relevant to the work you plan on doing

Certification ≠ Licensing

- **Licensing** refers to the process of obtaining the documentation that shows you have met the certification requirements to make specific pesticide applications under that license.
  - ODA provides the necessary forms
  - Pay the license fee and any other associated fees
  - Submit both the form & payment to ODA

License Types

- Commercial Pesticide Applicator
- Public Pesticide Applicator
- Consultant
- Apprentice
- Immediately Supervised Trainee
- Commercial Pesticide Operator

Consultants, Commercial, and Public Pesticide Applicator Licenses

- Certification length
  - 5 Years
- License length
  - 1 Year
- Renewal Through Recertification Credit Requirements
  - 40 Credits
  - No Core Credit Requirements
  - 15 Max per year

Apprentice

- Certification length
  - NOT APPLICABLE
  - Are **not** *certified* applicators
- Licensing length
  - From date of license issue to December 31st of that year
- Renewal Through Recertification Credit Requirements
  - 8 Credits Total
  - 4 must be Core Credits
- Must re-test to renew if enough credits are not earned

Immediately Supervised Pesticide Trainee

- No exam required
- Not certified
- Must be renewed annually

Apprentice License

- Available for individuals who work under the supervision of a Commercial or Public Pesticide Applicator.
- May only make applications within their supervisor's categories.
- The supervising applicator is responsible for training the apprentice.
- The supervising applicator does not need to be onsite when the apprentice is making pesticide applications, BUT the apprentice must be able to reach the supervising applicator at all times.

Immediately Supervised Pesticide Trainee

- For individuals who work under the supervision of a Commercial or Public Pesticide Applicator.
- Trainees may only make applications within their supervisor's categories.
- The supervising applicator is responsible for training the Immediately Supervised Trainee
- Supervisor must be on-site at all times with the trainee when making pesticide applications,
- Be able to reach the trainee’s location within five (5) minutes.

Commercial Pesticide Operator License

- License for any business that makes pesticide applications **of any kind** to the **property of others**.
- License categories must match the type of pesticide work that will be done
- May only use licensed Commercial Pesticide Applicators, Pesticide Apprentices, or Pesticide Trainees to make pesticide applications.
  - Their categories must be appropriate for the type of work being conducted.
- The business must provide proof of insurance to maintain their Operator's license.
- Must be renewed on a yearly basis

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License Categories

- **IIHS: General Pest -** The use of pesticides, other than fumigants, in or around structures, institutions, and industrial facilities, or structures with processed or manufactured products for the control of pests other than wood-destroying pests.

- **IIHS: Structural Pest -** The use of pesticides, other than fumigants, in or around structures for the control of wood-destroying pests (termites, carpenter ants, powderpost beetles, etc.).

- **IIHS: Moss Control -** The use of pesticides to control moss and algae on structures, sidewalks, and driveways.

License Categories

- **Ornamental & Turf: Herbicide or Insecticide/Fungicide** –
  The use of [pesticide type] in the establishment and maintenance of ornamental plants and turf (does not include Christmas trees, commercial nurseries, sod farms, or forests).
  - O&T: Herbicide includes vertebrate pest control
  - Agriculture: Vertebrate Pest = Better category

- **Right-of-Way** - The use of pesticides in right-of-way areas (e.g. Roadside, Gravel paths/areas, Sidewalks, Parking lots).

License Categories – Perimeter Treatments

- IIHS: General Pest

  OR

- Ornamental & Turf: Insecticide/Fungicide

- Depends upon label (or 5 feet, if unspecified).

License Categories – Food-Producing Home Gardens & Trees

Depends on who the produce is intended for:

- **Ornamental & Turf: Insecticide/Fungicide** - The use of insecticides and fungicides in the establishment and maintenance of ornamental plants and turf

- **Agriculture Insecticide/Fungicide** - The use of insecticides, fungicides, or nematicides on agricultural lands, including Christmas tree plantations, commercial nurseries, and rangeland

OREGON PESTICIDE LICENSING GUIDE

Oregon Department of Agriculture Pesticides Program
http://oregon.gov/ODA/programs/Pesticides/

When Licensing Is Needed

- Buying, applying or supervising the use of Restricted Use Pesticides (RUPs).
- Advising others on the use of RUPs.
- Applying pesticides to someone else's property (private or public land).
- Applying pesticides as a public employee using machine-powered equipment and/or applying RUPs.
- Applying pesticides on school properties.

When Licensing Is Not Needed

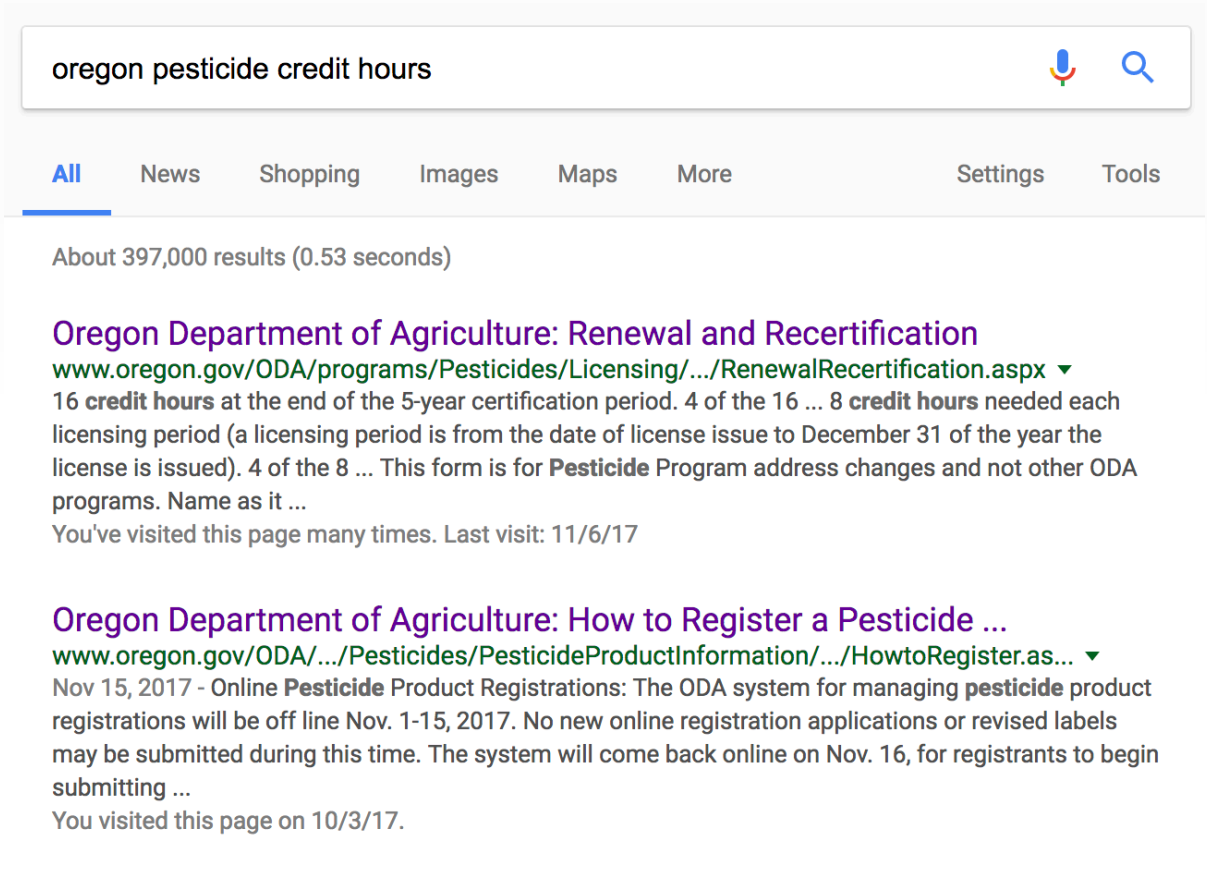
- When applying pesticides, other than RUPs, to property owned by you or your employer.
- Applications of general use pesticides by public employees with non-powered equipment, **except on school properties**.
- Advising others on general use pesticides.
- Applying pesticides as a part of landscape maintenance under specific conditions. Call ODA for more information.

For a description of "Restricted Use Pesticides," see Page 1.

OREGON DEPARTMENT OF AGRICULTURE
635 Capitol St. NE, Salem, OR 97301-2532, Phone: 503-986-4635, FAX: 503-986-4735

oregon pesticide licensing guide
All
News
Shopping
Images
Videos
More
Settings
Tools
About 44,100,000 results (0.82 seconds)
[PDF] Oregon Pesticide Licensing Guide - Oregon.gov
www.oregon.gov/oda/shared/documents/publications/pesticidesparc/licenseguide.pdf
Applying pesticides as a part of landscape maintenance under specific conditions. Call. ODA for more information. When Licensing Is Not Needed. OregON DePArtmeNt Of AgrIcuLture. 635 Capitol St. NE, Salem, OR 97301-2532, Phone: 503-986-4635, FAX: 503-986-4735. Oregon Pesticide Licensing Guide. January 2017.
Oregon Department of Agriculture: Exams and Study Materials
www.oregon.gov/oda/programs/pesticides/licensing/pages/examsstudymaterials.aspx
All exams are based on the recommended study materials listed below. Training classes are not required in order to sit for exams, however, many colleges and universities provide pre-license training classes designed to help test takers study for pesticide exams. If you are interested in a pre-license training class, you ...
Oregon Department of Agriculture: About Pesticide Licensing
www.oregon.gov/oda/programs/pesticides/licensing/pages/pesticidelicensing.aspx
Pesticide Licensing Guide for Oregon. Explains pesticide licensing, certification, license types and categories, record keeping, exams, training, and related information. Oregon Pesticide Licensing Guide ...
You've visited this page 3 times. Last visit: 1/8/18

Check Your Credits

- **oda.direct/PestCreditHours**
- 

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Check Your Credits

Renewal and Recertification

- Pesticide and Fertilizer Programs
- Cannabis and Pesticides
- Licensing Information
- Regulatory Issues
- Pesticide Analytical and Response Center (PARC)
- Pesticide Product Information
- Fertilizers
- Water

Online license renewal

- License renewals webpage

Credits needed

The following credits are needed for each license type in order to renew the license at the end of the recertification period. Check your credit hours online.

Private Applicator

- 16 credit hours at the end of the 5-year certification period
  - 4 of the 16 credits hours must be from core curriculum
  - Maximum accumulation per year is 8 hours

Public/Commercial/Consultant

Contact

Main Office
pestx@oda.state.or.us
Phone: 503-986-4635
Fax: 503-986-4735

License renewals

Secure fax number: 503-986-4746

Oregon Department of Agriculture

Check Your Credits

Oregon Department of Agriculture

TRAINING SUMMARY - Commercial Pesticide Applicator - 01/01/2018 through 12/31/2022

		Year 1	Year 2	Year 3	Year 4	Year 5	
From -->		01/01/2018	01/01/2019	01/01/2020	01/01/2021	01/01/2022	Total
Thru -->		12/31/2018	12/31/2019	12/31/2020	12/31/2021	12/31/2022	Hours
Hours Attended	Core	0	0	0	0	0	0
	Other	0	0	0	0	0	0
Hours Credited	Core	0	0	0	0	0	0
	Other	0	0	0	0	0	0

Required Hours --> Core: 0 Other: 40

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

* * * Training requirements HAVE NOT been met as of this printing. * * *

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TRAINING SUMMARY - Commercial Pesticide Applicator - 01/01/2018 through 12/31/2022

		Year 1	Year 2	Year 3	Year 4	Year 5	
	From -->	01/01/2018	01/01/2019	01/01/2020	01/01/2021	01/01/2022	Total
	Thru -->	12/31/2018	12/31/2019	12/31/2020	12/31/2021	12/31/2022	Hours
Hours Attended	Core	0	0	0	0	0	0
	Other	0	0	0	0	0	0
Hours Credited	Core	0	0	0	0	0	0
	Other	0	0	0	0	0	0

You still have to renew your license

Required Hours --> Core: 0 Other: 40

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

* * * Training requirements HAVE NOT been met as of this printing. * * *

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Sign the ODA Attendance Sheet!

- If you don't remember your license number:
  - **Write your name** as it appears on your license as legibly as possible

    AND
  - **SIGN** the ODA Attendance Roster

- Common Errors:
  - We **cannot** assign credit if your signature is not there, even if you add your name and license number.
  - To receive credit, make sure you sign the ODA form, not the sponsor's attendance sheet

TRAINING SUMMARY - Commercial Pesticide Applicator - 01/01/2018 through 12/31/2022

		Year 1	Year 2	Year 3	Year 4	Year 5	
	From -->	01/01/2018	01/01/2019	01/01/2020	01/01/2021	01/01/2022	Total
	Thru -->	12/31/2018	12/31/2019	12/31/2020	12/31/2021	12/31/2022	Hours
Hours Attended	Core	0	0	0	0	0	0
	Other	0	0	0	0	0	0
Hours Credited	Core	0	0	0	0	0	0
	Other	0	0	0	0	0	0

Required Hours --> Core: 0 Other: 40

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

* * * Training requirements HAVE NOT been met as of this printing. * * *

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Keep in Mind…

- Sponsors have 15 days to return course rosters to ODA
- Online course sponsors typically submit attendance records **once** a month (usually the second week of the month, for the previous month)
- Attendance records are entered into the system manually
  - i.e. Someone actually has to read and type your name or license number into the system

Keep in Mind…

- Credits can only be applied to the year in which the course was attended

  NOT

- To the year when they are entered into the system

Keep in Mind…

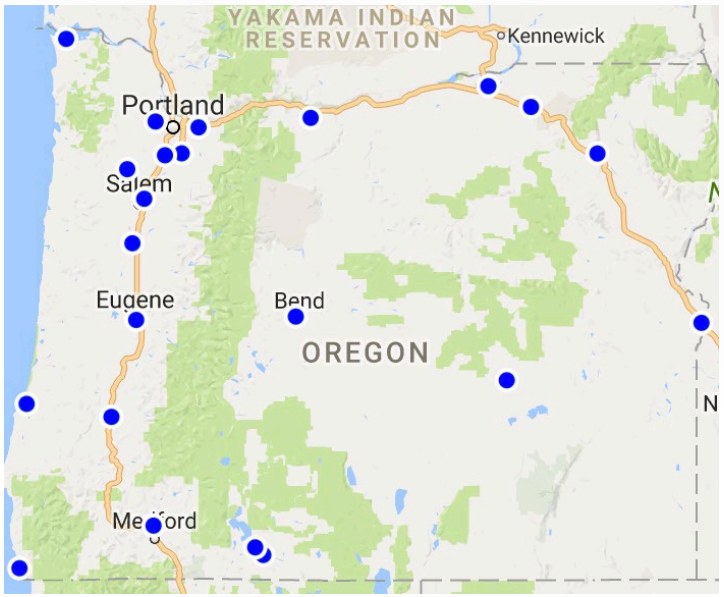
- Once you have submitted your license application (**new or renewal**) it may take up to **three weeks** to process the application
  - **You are not licensed until your application has been fully processed**

Example Timeline

- If your certification period ended December 31, 2017
- You attended a course December 20, 2017
- You needed those credits to renew without retaking the exams
- The course sponsor has until January 4, 2018 to submit the rosters to ODA
- It can take up to 2 weeks for the credits to be entered into the system (January 18, 2018)
- Then, you get the renewal application
- It will take another 3 weeks to process (February 8, 2018)
- Your license may not be active until the beginning of February 2018
  - Until then, your license will be categorized as “Inactive/expired”

Pesticide Exams

- Exams must be taken at one of the 22 testing centers in Oregon.
- Exams are only computer-based format
  - Computer-based exams cost $58 per exam
  - Results are immediately provided
  - Applications for license sent by ODA when exams are passed



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Pesticide Exams

Exams are closed book. You may bring a basic calculator to the exam.

You must:
Bring a government issued ID
Know the last four digits of your Social Security number

Warning: You may not receive credit for an exam if the legal name or Social Security number provided at scheduling, does not match what you provide at the testing center.

To schedule testing at one of the listed testing centers, you must have your legal name and correct Social Security number available. Then call 877-533-2900 or go to Metro Institute 's website .

Summary of Exams

	Days With Tests	Individual Test-Takers	# of Attempts	Tests Taken	License Type Attempts	# of Testing Centers	# of Tests Passed	# of Tests Failed	Percent Pass
FY16	252	1858	4004	25	15	22	2357	1647	59%
FY17	257	2320	4855	26	15	22	2992	1863	62%
Difference	5	462	851	1	0	0	635	216	3%

Exam Pass Rates

	FY16 Passed	FY17 Passed	FY16 Failed	FY17 Failed	FY16 % Passed	FY17 % Passed	
IIHS GENERAL PESTS	160	193	229	266	41%	42%	IIHS GENERAL PESTS
LAWS AND SAFETY - ENGLISH	1038	1299	566	634	65%	67%	LAWS AND SAFETY - ENGLISH
IIHS MOSS CONTROL	30	35	6	5	83%	88%	IIHS MOSS CONTROL
IIHS STRUCTURAL PESTS	103	114	99	113	51%	50%	IIHS STRUCTURAL PESTS
OT HERBICIDE	118	148	124	156	49%	49%	OT HERBICIDE
PRIVATE APPLICATOR	184	272	68	94	73%	74%	PRIVATE APPLICATOR
AG HERBICIDE	109	125	81	63	57%	66%	AG HERBICIDE
AG VERTEBRATE PESTS	22	29	4	6	85%	83%	AG VERTEBRATE PESTS
PUBLIC HEALTH	39	50	15	32	72%	61%	PUBLIC HEALTH
FOREST	53	85	26	41	67%	67%	FOREST
OT INSECTICIDE/FUNGICIDE	66	60	84	62	44%	49%	OT INSECTICIDE/FUNGICIDE
LAWS AND SAFETY - SPANISH	31	18	58	42	35%	30%	LAWS AND SAFETY - SPANISH
CONSULTANT	56	78	45	52	55%	60%	CONSULTANT
DEMONSTRATION AND RESEARCH	8	25	2	10	80%	71%	DEMONSTRATION AND RESEARCH
IIHS SPACE FUMIGATION	9	15	26	23	26%	39%	IIHS SPACE FUMIGATION
AERIAL	NA	87	NA	0	NA	100%	AERIAL
AG INSECTICIDE/FUNGICIDE	84	92	38	41	69%	69%	AG INSECTICIDE/FUNGICIDE
RIGHT-OF-WAY	128	156	107	105	54%	60%	RIGHT-OF-WAY
AQUATIC	39	31	8	20	83%	61%	AQUATIC
IIHS WOOD TREATMENT	33	22	4	5	89%	81%	IIHS WOOD TREATMENT
REGULATORY WEED	12	30	12	26	50%	54%	REGULATORY WEED
PRIVATE APPLICATOR - SPANISH	2	3	19	49	10%	6%	PRIVATE APPLICATOR - SPANISH
MARINE FOULING ORGANISM	1	4	0	1	100%	80%	MARINE FOULING ORGANISM
REGULATORY PREDATOR	1	2	0	0	100%	100%	REGULATORY PREDATOR
SEED TREATMENT	7	7	3	6	70%	54%	SEED TREATMENT
AG SOIL FUMIGATION II	24	12	23	11	51%	52%	AG SOIL FUMIGATION II

Exams by County

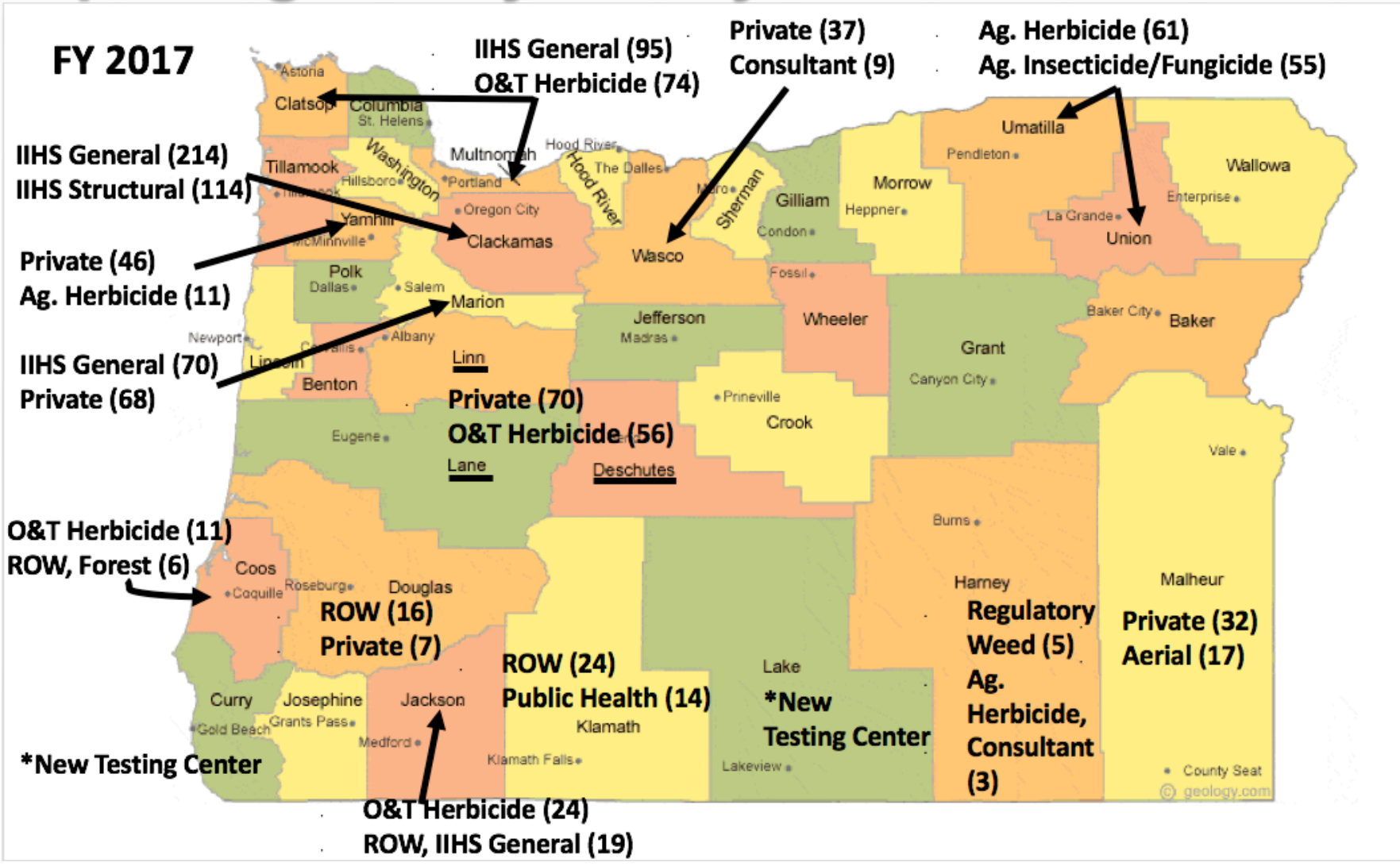
Total Exam Attempts by County

	Clackamas	Clatstop	Coos	Deschutes	Douglas	Harney	Jackson	Klamath	Lane	Linn	Malheur	Marion	Multnomah	Umatilla	Union	Wasco	Yamhill
FY16	1012	3	121	125	48	11	307	83	97	115	150	704	557	364	120	88	99
FY17	1269	40	82	197	90	35	292	147	149	160	155	658	745	409	153	115	159
% Change	25%	1233%	-32%	58%	88%	218%	-5%	77%	54%	39%	3%	-7%	34%	12%	28%	31%	61%

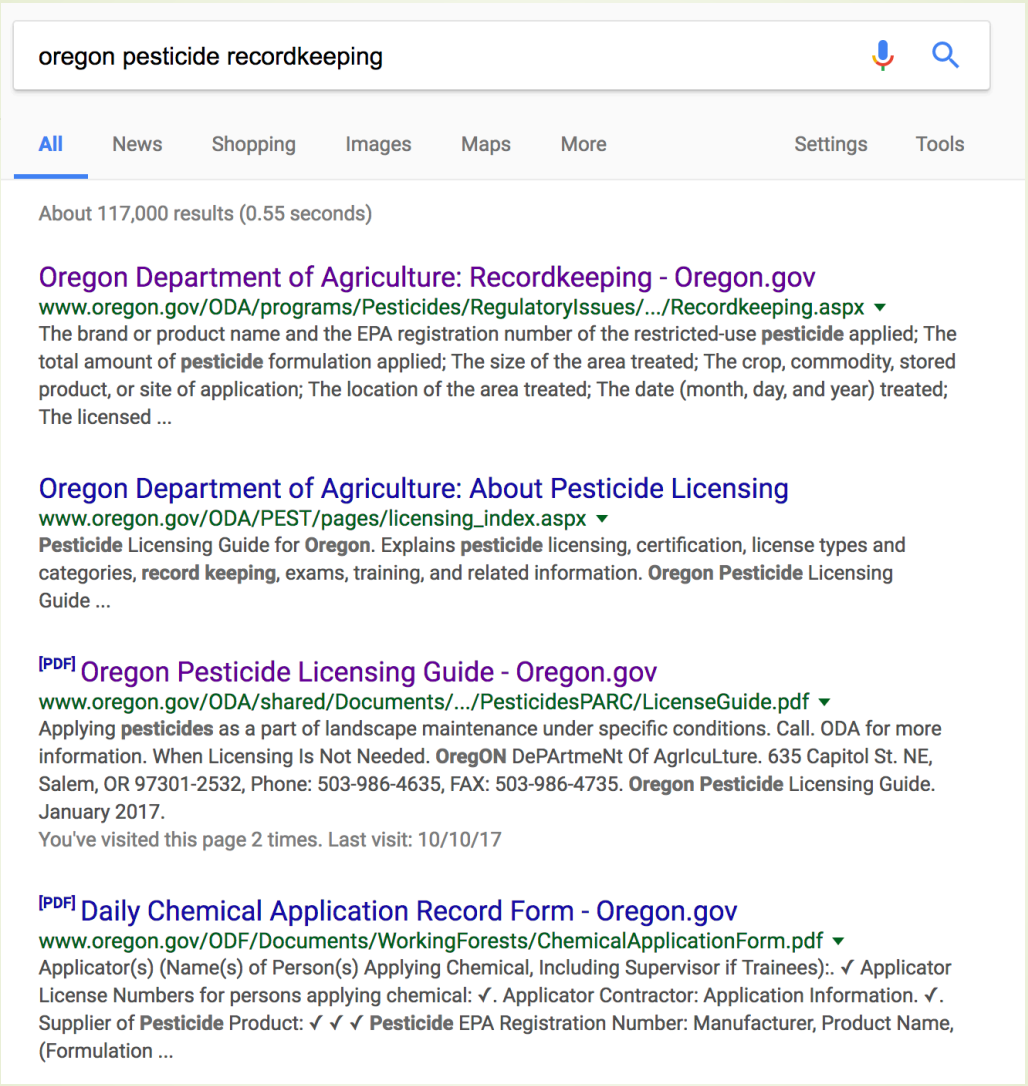
Pass Rates by County

		Clackamas	Clatstop	Coos	Deschutes	Douglas	Harney	Jackson	Klamath	Lane	Linn	Malheur	Marion	Multnomah	Umatilla	Union	Wasco	Yamhill	TOTAL
FY16	Passed	560	2	69	90	29	6	175	48	62	72	88	402	325	226	83	56	64	2357
FY17	Passed	717	25	52	142	54	28	187	95	101	117	108	376	462	257	99	63	109	2992
FY16	Failed	452	1	52	35	19	5	132	35	35	43	62	302	232	138	37	32	35	1647
FY17	Failed	552	15	30	55	36	7	105	52	48	43	47	282	283	152	54	52	50	1863
FY16	% Pass	55%	67%	57%	72%	60%	55%	57%	58%	64%	63%	59%	57%	58%	62%	69%	64%	65%	59%
FY17	% Pass	57%	63%	63%	72%	60%	80%	64%	65%	68%	73%	70%	57%	62%	63%	65%	55%	69%	62%

Top Categories by County



Recordkeeping



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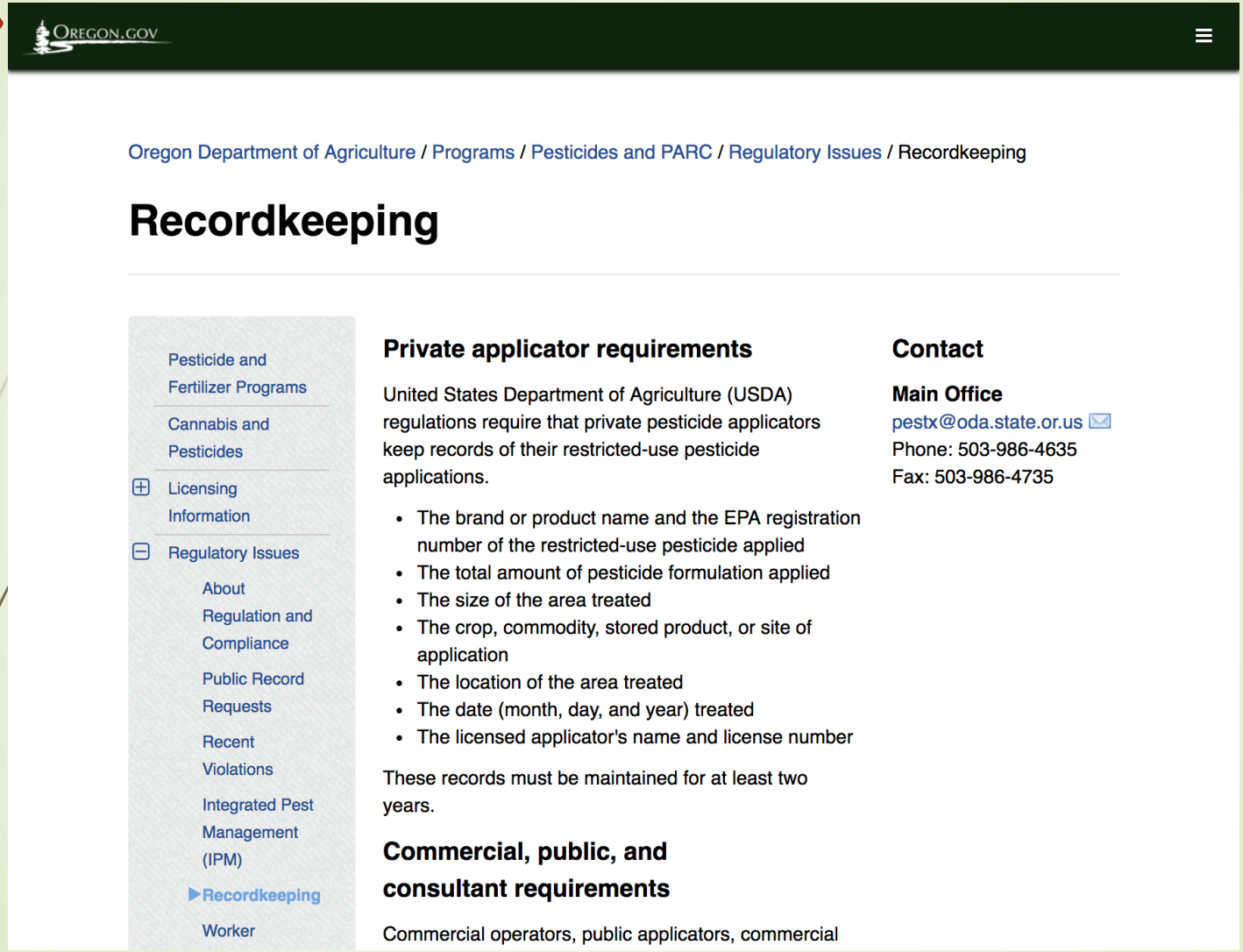

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Oregon Department of Agriculture / Programs / Pesticides and PARC / Regulatory Issues / Recordkeeping

Recordkeeping

- Pesticide and Fertilizer Programs
- Cannabis and Pesticides
- Licensing Information
- Regulatory Issues
  - About Regulation and Compliance
  - Public Record Requests
  - Recent Violations
  - Integrated Pest Management (IPM)
  - Recordkeeping
  - Worker

Private applicator requirements

United States Department of Agriculture (USDA) regulations require that private pesticide applicators keep records of their restricted-use pesticide applications.

- The brand or product name and the EPA registration number of the restricted-use pesticide applied
- The total amount of pesticide formulation applied
- The size of the area treated
- The crop, commodity, stored product, or site of application
- The location of the area treated
- The date (month, day, and year) treated
- The licensed applicator's name and license number

These records must be maintained for at least two years.

Commercial, public, and consultant requirements

Commercial operators, public applicators, commercial

Contact

Main Office
pestx@oda.state.or.us
Phone: 503-986-4635
Fax: 503-986-4735

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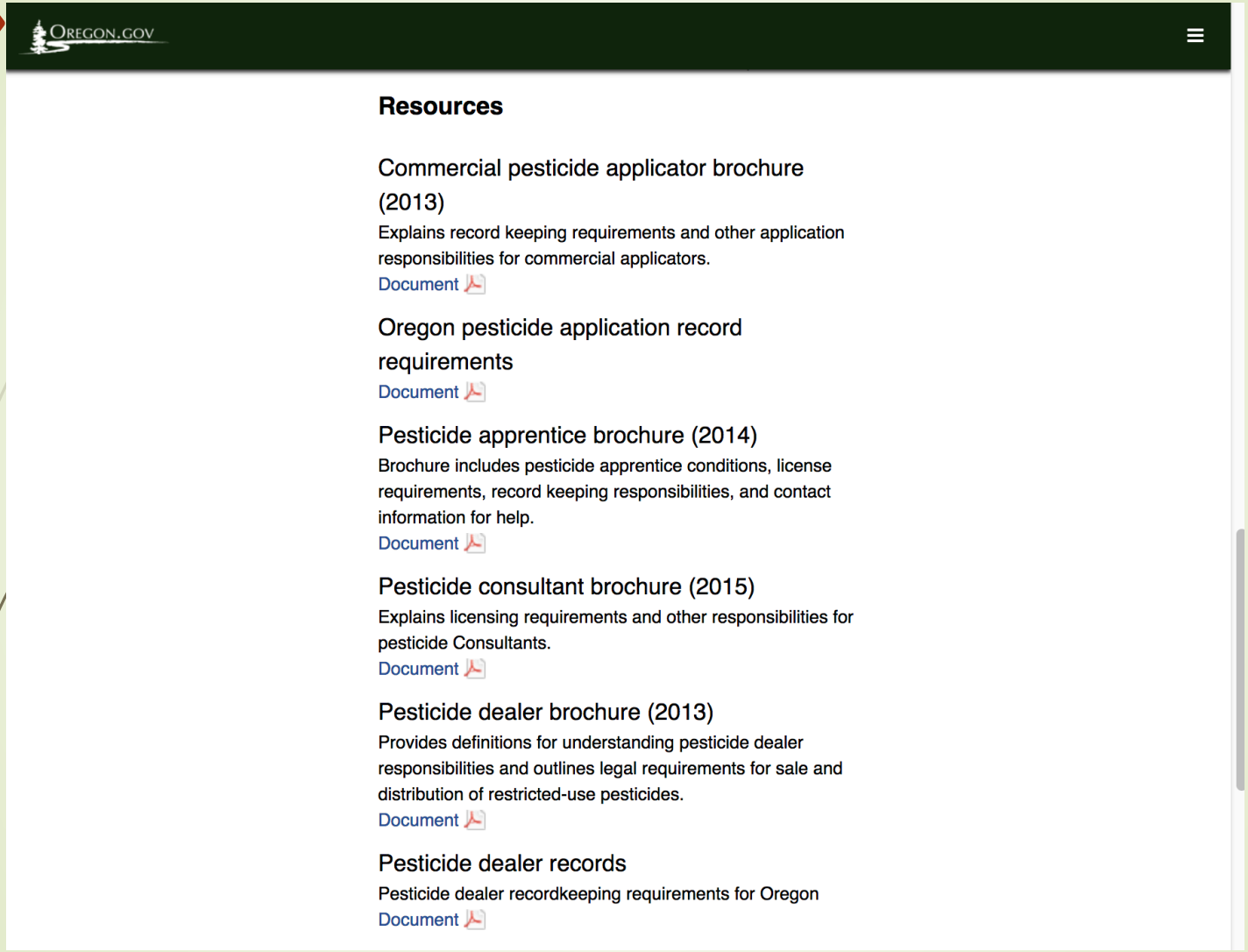

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Resources

Commercial pesticide applicator brochure (2013)

Explains record keeping requirements and other application responsibilities for commercial applicators.

Document

Oregon pesticide application record requirements

Document

Pesticide apprentice brochure (2014)

Brochure includes pesticide apprentice conditions, license requirements, record keeping responsibilities, and contact information for help.

Document

Pesticide consultant brochure (2015)

Explains licensing requirements and other responsibilities for pesticide Consultants.

Document

Pesticide dealer brochure (2013)

Provides definitions for understanding pesticide dealer responsibilities and outlines legal requirements for sale and distribution of restricted-use pesticides.

Document

Pesticide dealer records

Pesticide dealer recordkeeping requirements for Oregon

Document

Oregon Department of Agriculture

OREGON PESTICIDE APPLICATION RECORD REQUIREMENTS

Pesticide Operators shall prepare and maintain records containing specific information IORS) 634.146)

Public Pesticide Applicators shall prepare and maintain the records required of pesticide operators. (OAR 603-057-130)

Commercial Pesticide Applicators not employed by an operator (groundskeeper, etc.) shall prepare and maintain the records required of pesticide operators. (OAR 503-057-130)

Required Record Information	Explanation
1. The firm or individual for whom the pesticide application was made.	The full name, address and phone number of the business, firm or individual who owns or controls the crop or property sprayed. Do not use initials, nicknames or partial names.
2. The location of the land or property where application was made.	The address of the site, or a geographic description of the application site (such as circle number, map number or township/section/range), and the size of the area treated (acres, square feet, linear feet, etc.)
3. The date and approximate time of application.	The month/day/year of application, and the beginning and ending time of application.
4. The supplier of pesticide product(s) applied.	The full name of the individual or business that supplied the pesticide to you. Do not use initials, nicknames or partial names.
5. The trade name and the strength of such pesticides applied.	The EPA registration number of each pesticide product applied or the manufacturer, product name and formulation type of each product applied.
6. The amount or concentration (pounds or gallons per acre of active ingredient or concentration per approximately 100 gallons).	A. The amount of each pesticide product applied per unit of measure (ounces, pounds, pints, quarts, etc.) B. The type and amount of carrier applied per unit of measure (acre, square feet, etc.) or, where a specific unit of measure is not applicable, the total amount applied the site. C. The amount and type of other material applied (such as spreader/sticker, wetting agent or drift retardant).
7. The specific property, crop or crops to which the pesticide was applied.	For each pesticide product applied, the specific crop or site of application: **Agricultural applications** – the specific crop **"PCO – General" and "PCO Structural" applications** – the specific area (exterior wall voids, kitchen cabinets, interior foundation, living room baseboards, etc.) **"Ornamental applications" –** the general area (front yard, hedge, fruit tree, etc.) **Other applications** – descriptions similar to the examples above.
8. The summary information of equipment, device or apparatus used and, if applied by aircraft, the F.A.A. number.	Identification of the application equipment used (aerosol can, speed sprayer, backpack sprayer, fogger, etc.) and if applied aerially, the "N" number of the aircraft.
9. Name and license number of applicator(s), apprentice(s), and/or trainee(s) who made application.	The full name and license number of the applicator(s), apprentice(s), and/or trainee(s) who applied the pesticides.
10. Records kept for three years.	Records shall be maintained for at least three years from the date of application.

Visit www.oregon.gov/ODA/PEST for more information

Feb. 2013

ORS 634.146

1. Firm or person for whom application was made
2. Location of the land or property where application was made
3. Date, start & end time
4. Supplier of the pesticide product(s) applied
5. Identity of the pesticide product applied
6. Amount or concentration applied
7. Specific property to which the pesticide was applied
8. Summary information of equipment used
9. Name and license numbers of applicators, apprentice, and/or trainees who made the application

10) Keep them for 3 years

1) Firm or person for whom application was made

- Includes name, address, and phone number for whom the application was made

2) Location of the property where the application was made and size of the area treated

- Address or geographical description where application was made.
- Include number of acres, square feet, linear feet, etc., treated
- Can use maps, GPS, Township Range Section

3) Date and Time of Application

- Date (MM/DD/YYYY)
- Must include the **beginning** and **ending** time of the application.

4) Supplier of the pesticide product

Company, Person, or Organization that provided the pesticide or pesticides used in the application.

5) Identity of the pesticide product applied

- **EPA registration number** or the **FULL** product trade name including formulation type and manufacturer
- Example:
  - Bayer Environmental Science Oust XP
  - or EPA Reg #432-1552

6) Amount applied and dilution

- Total amount of product applied per unit of area (acres, square feet, etc). Report in lbs., oz. or gal. of actual product used (Ready-to-Use Products)

OR

- The concentration (lbs. or oz. product / gal.) **and** total volume applied per unit of area (acres, square feet, etc).

7) Specific property or crop to which application made

- What/where was **each** pesticide applied to?
- Be as **specific** as possible
- **"PCO – General"** and **"PCO Structural"** applications – e.g. exterior wall voids, kitchen cabinets, interior foundation, living room baseboards, etc.
- **"Ornamental applications"** – e.g. front yard, hedge, fruit tree, etc.
- **Other applications** – descriptions similar to the examples above.

8) Summary information of equipment used

- **Example**: aerosol can, speed sprayer, backpack sprayer, hand-pump sprayer, fogger, etc.

9) Name of the applicator or trainee

- Full name and license numbers of **all** applicators, apprentices, and trainees who made pesticide application

- No nicknames or initials

All Records must be legible!

Retention

- Records must be maintained for **three** years

Reasons to Keep Records

- 1. Required
- 2. Way to track product usage
- 3. Way to track pest pressure

Records requested by ODA

- Routine audit
- Part of investigation
- In either case, records must contain all required information.

Importance of Maintaining Records

- Public applicators. It is a public record and can be asked for in a public records request by
  - Media
  - Members of the public

How many pages must a record be?

- As many as is necessary to have all the required elements.

Code Sheets

- Information can be coded as long as the code information is included in the record.

VMS_SSR

Spray Report

Date Printed 1/24/2012

Spray Report #	Date	Start Time	End Time	Area Sprayed	UOM	Road Number	Road Name	Beg MP	End MP
0304101987	3/4/2010	3:30 AM	8:30 AM	25	Acre				

Site Category: Right-of-Way
Specific Site: Roads/road shoulders
Other Specific Site:
Watershed 170703 - Deschutes
Control Type:
PUP #:
Temperature:
Wind Speed\Dir:
Weather Condition:
Vendor:

Employees:

Equipment:

Chemicals:

Product Name	EPA Reg. #	Supplier	Rate Per Area	Quantity	UOM	Purpose
DIREX 80DF HERBICIDE DIURON 80DF HERBICIDE	1812-362	Wilbur-Ellis	6 pound(s) per 1 Acre	150.00	pound(s)	Weed control
DUPONT KROVAR I DF HERBICIDE	352-505	Wilbur-Ellis	2.88 pound(s) per 1 Acre	72.00	pound(s)	Weed control
DUPONT OUST XP HERBICIDE	352-601	Wilbur-Ellis	3 ounce(s) per 1 Acre	75.00	ounce(s)	Weed control

Location(s):

Section Name:
TRS Start: **Address:**
TRS End: ☐ Private?
GPS Name: CRR- Rim Road
Lat: 44 25 203 **Long:** 121 15 120
Lat: 44 25 050 **Long:** 121 14 200

Surfactants:

Name	Rate Per Area	Quantity
In Place	18 fl. ounce(s) per 1 Acre	450.00

Oregon Department of Agriculture

Not Required, But Probably a Good Idea

Any guesses?

- Current & Forecasted Weather Conditions
- Status of flowering plants near outdoor applications

Climate Data:
Weather Conditions: ___Clear ___ **PartlyCloudy** ___Overcast ___**Showers**
Wind Conditions: ___Calm ___**Light** ___Speed ___**Direction**

EQUIPMENT Used:
___150 gal.power Sprayer ___ATV 25 gal ___Backpack 3-4 gal _____Other
___Boom ___Handgun ___Pressure ___Shaker_____Other

Oregon Department of Agriculture

School IPM and Pesticide Licensing

Colton Bond
Oregon Department of Agriculture (ODA)

Topics Covered

- Definitions which we are asked about pertaining to School Integrated Pest Management (IPM).
- Use of unregistered substances as pesticides
- Current Licensing Requirements
- Future Plans and helping schools

Background terms

"School" means:

A facility operating an Oregon prekindergarten or a federal Head Start program;

A public or private educational institution offering education in all or part of kindergarten - grade 12;

An education service district, ORS 334.003;

A community college for the community college's own buildings and ground maintenance;

The Oregon School for the Deaf; and

A regional residential academy operated by the Oregon Youth Authority.

Background terms

Campus* means the:

- Building and other structures,
- Playgrounds,
- Athletic fields,
- Parking lots of a school, and
- any other areas **on the school property** that are accessed by students on a regular basis.

*Exemption - Pesticide use at a community college for purposes of scientific research or academic instruction

Governing body shall adopt an IPM Plan

- Designate an IPM plan coordinator;
- Identify plan coordinator responsibilities;
- Give notices under ORS 634.740;
- Retain pesticide application records;
- Provide a process for responding to inquiries and complaints; and
- Conduct outreach to the school community about the school's IPM

Plan Coordinators

Oversee pest prevention efforts:

- Provide for the ID and evaluation of pest situations;
- Determine the means of safely managing pest damage
- Ensure proper and lawful pesticide applications;
- Evaluating pest management results; and
- Keeping records as required by ORS 634.750.
- May authorize the application of a low-impact pesticide.

A plan coordinator shall complete not less than six hours of training each year.

- The training shall include at least a general review of IPM principles and other school IPM requirements.

School IPM Law

Gives preference to the use of nonchemical pest control measures. However:

- Allows the use of low-impact pesticides if nonchemical pest control measures are ineffective; and
- Allows the application of a pesticide that is not a low-impact pesticide to:
  - mitigate a declared pest emergency or
  - at the direction or order of, a public health official.

What is a low-impact pesticide? (adopted by governing body)

The **governing body** may include any product on the list, however, they ***must exclude*** products that :

- Have the signal words “warning” or “danger” on the label;
- Are classified as a human carcinogen or probable human carcinogen by EPA

OSU developed a low-impact list of pesticides

Pesticide labels are site specific and not pest specific*

Ornamental & turf sites are NOT included in the definition of "non-crop areas." **February 10, 2017**

The products listed here meet the criteria under the law for use in and around Oregon schools and they are registered for sale in the state of Oregon. [iii] **Use the EPA Registration number** to match products on the list. **The same product name can be used for different products, so matching the product name(s) below to products on the shelf is not sufficient**. This table is sorted by EPA Registration number (lowest to highest).

Herbicides

Product Name	EPA Reg. No.	Active Ingredient(s)	Read the label, use products only for labeled uses, and be aware of the following:
Refuge	100-1362	glyphosate	In agricultural settings, this product requires a restricted-entry interval of 12 hours and chemical resistant gloves in Category A. Consider applying that same standard in your school setting. Do not mix, store, or apply this product in galvanized steel or unlined steel (except stainless steel) containers.
Cornerstone Plus - Agrisolutions	1381-192	glyphosate isopropylamine salt	This product causes moderate eye irritation. Do not mix, store, or apply this product in galvanized steel or unlined steel containers; it may form a highly combustible gas mixture. Be sure to follow the directions for non-crop areas.
Drexel Simazine 4L	19713-60	simazine	This product is labeled for use on ornamental lawns. There are no other school sites listed (i.e. athletic fields). This product causes moderate eye irritation, and it can be harmful if absorbed through the skin. Avoid

* Exception are rodenticides, termaticides, antimicrobials

"Pest emergency" means an urgent need to eliminate or mitigate a pest situation that threatens:

(a) The health or safety of students, staff, faculty members or members of the public using the campus; or

(b) The structural integrity of campus facilities.

An IPM plan coordinator, after consultation with school faculty and administration, may declare the existence of a pest emergency.

Plans must be developed to avoid future emergencies.

Oregon IPM in Schools

A CHECKLIST FOR COMMERCIAL PESTICIDE APPLICATORS

Children are more sensitive than adults to the potential toxic effects of pesticides. To protect our children, Oregon law requires additional measures and restrictions when pesticides are used on a school campus (Oregon Revised Statutes Chapter 634.700-634.750).

☐ Are You Using a Pesticide on the School's Required "Low-Impact" List?

If unsure, contact the School IPM Coordinator: _____. **You must not make applications that the School IPM Coordinator has not authorized.**

☐ Has the School IPM Coordinator Declared a "Pest Emergency"?

This is not common. If not, then only approved "low-impact" pesticides must be used.

☐ Provide Application Information to School IPM Coordinator.

At least 24 hours prior to a pesticide application, the School IPM Coordinator must provide written notice of the application to parents, students, and staff. They can't do this without information from you! Please provide the following information:

- Trade name of pesticide product(s)
- Type of pesticide (i.e. herbicide, etc.)
- EPA Registration Number(s)
- Expected date of application
- Expected area of application
- Reason for the application

☐ Are You Posting Signs Around Application Areas?

Warning signs must be displayed at least 24 hours prior to a pesticide application (including baits) and they must stay in place for at least 72 hours (3 days) after an application. The School IPM Coordinator may do this themselves or they may request this service from you. If you are not sure of what is expected, please contact the School IPM Coordinator.

If this falls to you, the sign must include: "Warning: Pesticide-Treated Area", the expected or actual date and time of application, and the phone number of a contact person (can be a school official; or applicator and/or operator).

☐ Provide Additional Records After Application.

The School IPM Coordinator must also keep pesticide application records. They can't do this without information from you! Please provide the following information:

- Copy of pesticide label and Safety Data Sheet
- Amount & concentration applied
- Description of application location
- Application method & equipment used
- Applicator Information (Full Name & License #)
- Was the application effective?
- Date & time of sign posting and removal

OSU School IPM Program
For information on school pests, sample IPM forms and other resources, visit www.ipmnet.org/Tim

National Pesticide Information Center
For general questions about pesticides, including the potential risk to humans, pets, or the environment, call (800) 858-7378.

Oregon Department of Agriculture Pesticides Program
635 Capitol St. NE, Salem, OR 97301
www.oregon.gov/ODA
Phone: (503) 986-4635

8/2017

EXCERPTS FROM OREGON LAW PERTAINING TO PESTICIDE USE IN SCHOOLS

ORS 634.700(4) "Low-impact pesticide" means a product that does not contain a pesticide product or active ingredient described in ORS 634.705 (5).

ORS 634.705(5) A governing body shall adopt a list of low-impact pesticides for use with the integrated pest management plan. The governing body may include any product on the list except products that:

(a) Contain a pesticide product or active ingredient that has the signal words "warning" or "danger" on the label;

(b) Contain a pesticide product classified as a human carcinogen or probable human carcinogen under the United States Environmental Protection Agency 1986 Guidelines for Carcinogen Risk Assessment; or

(c) Contain a pesticide product classified as carcinogenic to humans or likely to be carcinogenic to humans under the United States Environmental Protection Agency 2003 Draft Final Guidelines for Carcinogen Risk Assessment. [2009 c.501 §3]

Oregon State University Low-Impact List: http://goo.gl/yCEK6C

ORS 634.725 Application of low-impact pesticide. If a school has followed the integrated pest management plan and nonchemical pest control measures were ineffective, subject to ORS 634.730 the integrated pest management plan coordinator may authorize the application of a low-impact pesticide. The low-impact pesticide application must be made by a pesticide applicator or by a public applicator. The use of a pesticide applicator or public applicator to make an application does not cancel, alter or reassign any of the duties imposed under ORS 634.740 or 634.750. [2009 c.501 §5]

ORS 634.730(3) An integrated pest management plan coordinator, after consultation with school faculty and administration, may declare the existence of a pest emergency. If necessary, a pesticide other than a low-impact pesticide may be used to mitigate a declared pest emergency. If a pesticide is applied at a campus due to a pest emergency, the plan coordinator shall review the integrated pest management plan to determine whether modification of the plan might prevent future pest emergencies. The plan coordinator shall submit any recommendations for modification of the plan to the governing body. The governing body shall review and take formal action on the recommendations. [2009 c.501 §6]

ORS 634.700(1) "Campus" means the buildings, other structures, playgrounds, athletic fields and parking lots of a school and any other areas on the school property that are accessed by students on a regular basis.

ORS 634.700(2) "Governing body" means a board of directors, agency or other body or person having policymaking and general oversight responsibility for a community college district, education service district, school district, other unit of education governance, private school or other educational entity.

ORS 634.700(5) "Pest" means:

(a) An insect or other arthropod;

(b) A weed, moss, slime or mildew or a plant disease caused by a fungus, bacterium or virus;

(c) A nematode, snail, slug, rodent or predatory animal;

(d) A bacterium, spore, virus, fungus or other microorganism that is harmful to human health; or

(e) Other forms of plant or animal life that may infest or be detrimental to vegetation, humans, animals, structures, managed landscapes or other human environments.

ORS 634.700(6) "Pest emergency" means an urgent need to eliminate or mitigate a pest situation that threatens:

(a) The health or safety of students, staff, faculty members or members of the public using the campus; or

(b) The structural integrity of campus facilities.

ORS 634.700(8) "School" means:

(a) A facility operating an Oregon prekindergarten or a federal Head Start program;

(b) A public or private educational institution offering education in all or part of kindergarten through grade 12;

(c) An education service district as defined in ORS 334.003;

(d) A community college as defined in ORS 341.005, for the community college's own buildings and ground maintenance;

(e) The Oregon School for the Deaf; and

(f) A regional residential academy operated by the Oregon Youth Authority. [2009 c.501 §2; 2011 c.9 §82; 2013 c.241 §3]

Pesticide applications must be conducted by licensed pesticide applicator, except* for the applications of a:

- Germicide,
- Disinfectant
- Sanitizer
- Deodorizer
- Antimicrobial agent or
- **Insecticidal soap product**

* Unless a governing body expressly provides otherwise

Changing Topics

Use of non-regulated substances as pesticides.

There is a school law for a reason. The legislature wanted a method to insure that schools were using low impact pesticides that met a certain standard, unless there was an emergency.

Products such as Windex and other non-regulated substances have not been reviewed by EPA to determine the Signal Word or their potential to cause cancer.

What you do at home is different than what you can do at a school.

Distribution and promotion of non-registered substances as a pesticide is illegal. Example, dry ice for rodent control.

Pesticide Licensing

Public School Employees

- Public Applicator's License
- No Operator's license needed
- May supervise Trainees and Apprentices
- Certification is good for 5 years
- License renewed yearly
- Need 40 credits to recertify

Private school employee(s)

- Commercial Pesticide Applicator's License
- Need Operator's license
- May supervise Trainees and Apprentices
- Certification is good for 5 years
- License renewed yearly
- Need 40 credits to recertify

Hope on the Horizon

ODA is strongly considering an optional **School IPM category exam**. The Laws and Safety exam would still be required.

Benefits

- Instead of taking multiple category exams, an applicator would take only one category exam, unless they wanted to make specialized applications.
  - Two exams (one outdoor and one indoor exam) had been considered, but respondents to a poll overwhelmingly wanted one exam.
  - **Cost and time savings**

Hope on the Horizon

Potential category limitations currently being discussed

<u>Possibly not Allow:</u>

- Wall void injections for structural pests
- Use of Foggers
- Boom* or airblast applications
- Restricted Use Pesticides
- Application of Restricted Use Pesticides
- Termite control (and other structural pests)
- Metaldehyde Slug/Snail Baits

Current Process

- Been meeting with a diverse group of stakeholders.
- Finishing the First Draft of the study manual.
- Draft exam will be developed in the 1-2 months.
- Go through Rule Making Process sometime this spring. Opportunity for public comment.
- Make exam available to both Public and Commercial Applicators.
- **No one will be mandated by ODA to take the School IPM Exam.** It will be an optional substitution for taking multiple exams.
  - Governing bodies may have their own requirements.

We have a public park next to our public school. Can the Parks Department, using correctly licensed applicators, make our landscape applications for us?

Yes, but ONLY under these conditions:

The land is in a jurisdiction adjacent to property under their ownership, possession, control or jurisdiction;

and

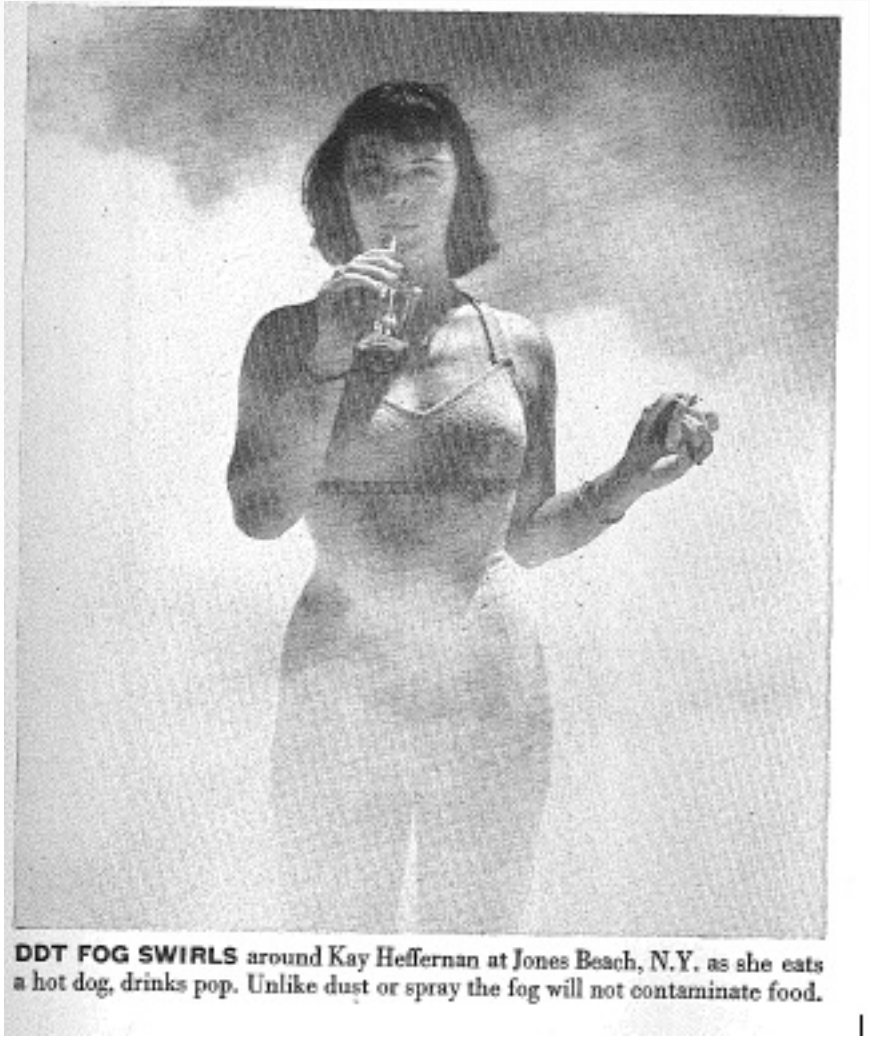
The application is done in conjunction with, or as an extension of, an application of pesticides to property under their ownership, possession, control or jurisdiction

and

The pesticide application is done on a cost recovery, cooperative trade of services or no cost basis, and not as a source for profit.

Parks Department can not function as a Commercial Operator for School System

Colton Bond
Oregon Department of Agriculture
Pesticides Program
635 Capitol St. NE
Salem, Oregon 97301
(503) 986-6485
cbond@oda.state.or.us
www.oregon.gov/ODA/PEST



DDT FOG SWIRLS around Kay Heffernan at Jones Beach, N.Y. as she eats a hot dog, drinks pop. Unlike dust or spray the fog will not contaminate food.

Search for Registered Pesticides

- Pesticide and Fertilizer Programs
- Cannabis and Pesticides
- ⊞ Licensing Information
- ⊞ Regulatory Issues
- Pesticide Analytical and Response Center (PARC)
- Pollinator Issues
- ⊟ Pesticide Product Information
  - About Pesticide Products
  - How to Register a Pesticide Product in Oregon
  - ▶ Search for Registered Pesticides
  - Upload Pesticide Product

Looking for Oregon-registered pesticide products?

Oregon Pesticide Products Information Search

Search for Oregon-registered products by license number, company name, product name, EPA registration number, code(s), and registration status.

Website

Oregon Section 24(c) SLN search

Website

Pesticide Information Center Online (PICOL) Databases

Search for pesticide products by crop or pest, or search for Section 24(c) labels.

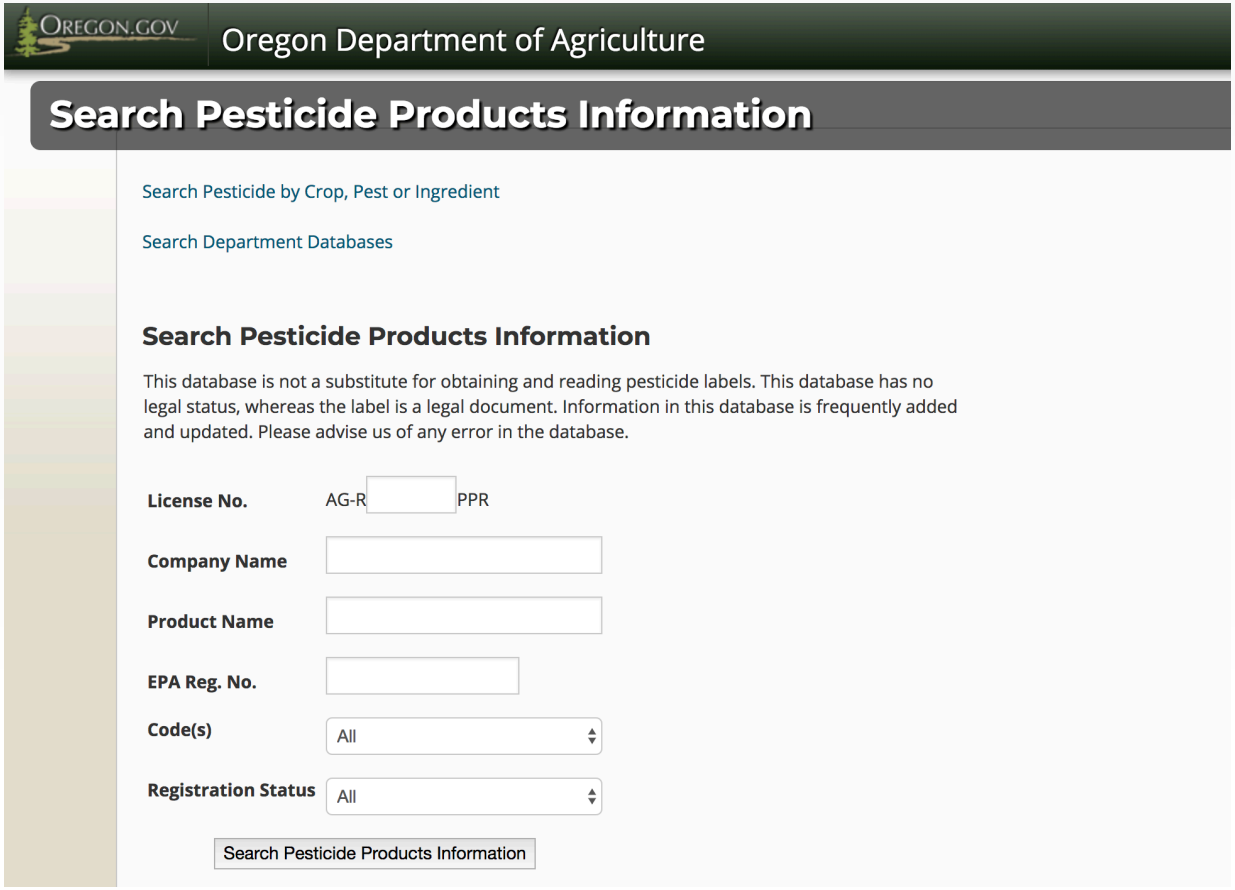
Website

Section 18 emergency exemptions

No exemptions at this time.

Oregon Restricted Use Pesticides (RUP) list

RUP list as of June 26, 2017.


OREGON.GOV
Oregon Department of Agriculture
Search Pesticide Products Information
Search Pesticide by Crop, Pest or Ingredient
Search Department Databases
Search Pesticide Products Information
This database is not a substitute for obtaining and reading pesticide labels. This database has no legal status, whereas the label is a legal document. Information in this database is frequently added and updated. Please advise us of any error in the database.
License No.
AG-R
PPR
Company Name
Product Name
EPA Reg. No.
Code(s)
All
Registration Status
All
Search Pesticide Products Information

Search for Registered Pesticides

- Pesticide and Fertilizer Programs
- Cannabis and Pesticides
- ⊞ Licensing Information
- ⊞ Regulatory Issues
- Pesticide Analytical and Response Center (PARC)
- Pollinator Issues
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  - About Pesticide Products
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  - ▶ Search for Registered Pesticides
  - Upload Pesticide Product

Looking for Oregon-registered pesticide products?

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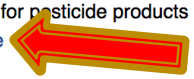

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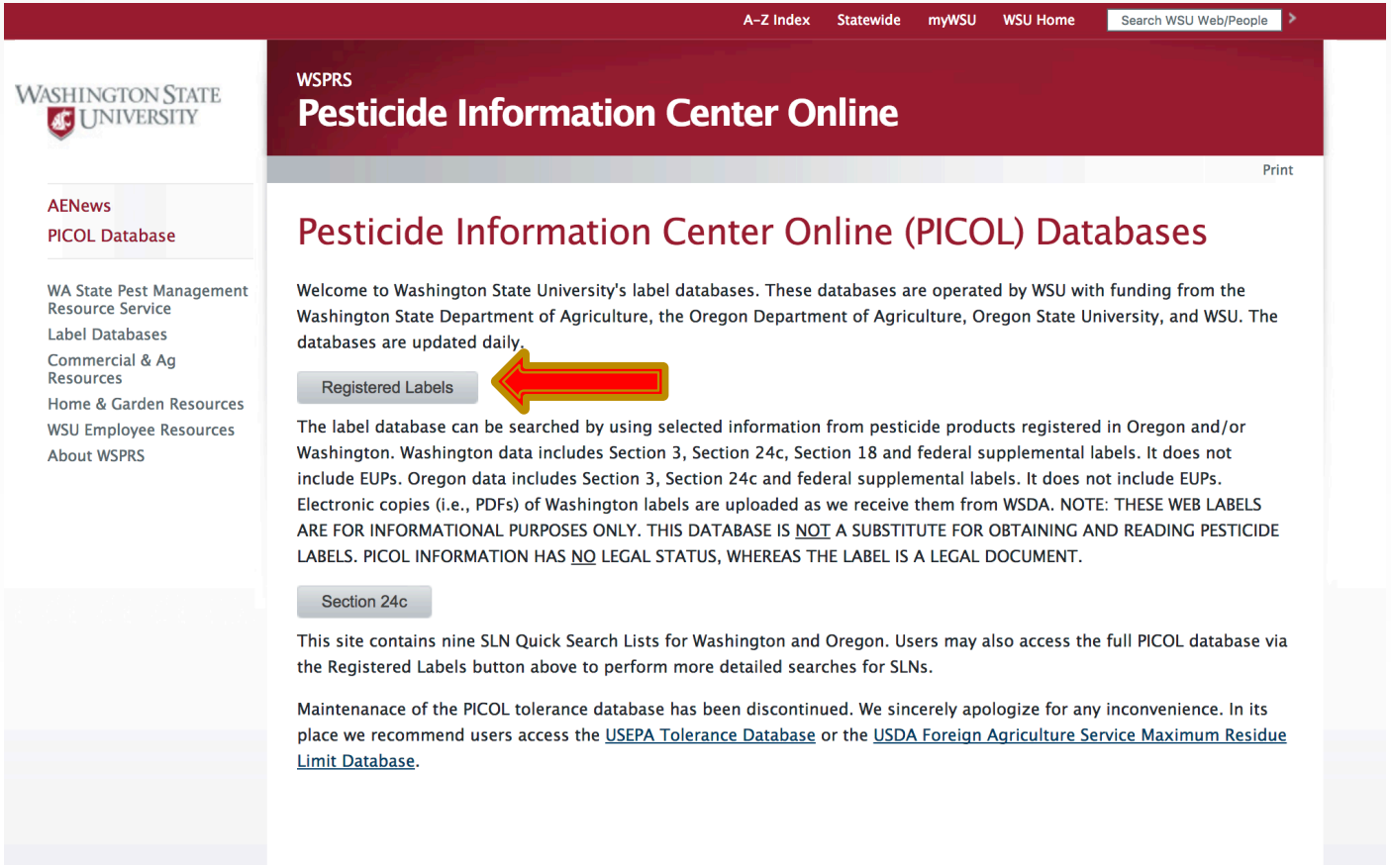
A–Z Index
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Pesticide Information Center Online
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AENews
PICOL Database
WA State Pest Management Resource Service
Label Databases
Commercial & Ag Resources
Home & Garden Resources
WSU Employee Resources
About WSPRS
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.
Maintenanace 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.

PICOL (pronounced 'pickle')

- Pesticide Information Center OnLine

- Question: Are there organic, insecticides available for use in buildings in Oregon?