

*What's Happened, Is Happening &
May Happen in the future!*



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What's New and What's Not?



- **PURS changes & Annual Report**
- **Misuse**
- **Drift Issues**
- **Bad habits**

- **Legislative issues**
- **Non-Legislative issues**

Changes to the PURS Website



- **Took user suggestions to improve reporting database**
- **Refresher instructions on reporting screen**
- **Reporting screens condensed**
- **Moved buttons and added buttons to streamline reporting**



[Instructions](#)

Create Use Report

Date of Pesticide Use:

 / /

MM / DD / YYYY

If aggregating, use the last day of the month as Date of Pesticide Use

Site Category:

Search Products:

Product ID Number

Product Name

OR

(i.e., EPA Reg. No., Oregon SLN number, or Section 18 Number)

[Search](#)

Search Results:

EPA Reg. No.

Product Name

Other ID No.

Add

No Search Results

Product/s Used:

Product Name

ID Number

Amount of Undiluted Product

Purpose

Delete

No Product Selected

[Add Additional Products](#)

[Submit Report](#)

Note: If you leave this screen by clicking on the Logout or Main Menu buttons, any information you have entered about this ONE use report will not be saved.

[Main Menu](#)

[Logout](#)



Instructions

Submitted Use Reports

CLICK THE DATE OF A USE REPORT TO VIEW, COPY, EDIT OR DELETE.

5 Use Reports

Display 20 items

Page 1 of 1

Use Date	Site Category	Specific Site	Location	Product(s) Used	Notes
08-31-2008	Agriculture	Field Crops	Middle Columbia	BONIDE ROSE RX INSECT & DISEASE CONTROL READY TO USE, ROUNDUP READY-TO-USE WEED AND GRASS KILLER 2	
01-28-2008	Agriculture	Pasture/Forage/Hay	Middle Snake/Boise	4% MALATHION, ROUNDUP ORIGINAL HERBICIDE, TORDON 22K WEED KILLER, WEEDMASTER HERBICIDE	Reporter Edit
01-01-2008	Aquatic		John Day	BONIDE ROSE RX INSECT & DISEASE CONTROL READY TO USE	
01-01-2008	Forestry		Willamette	BONIDE ROSE RX INSECT & DISEASE CONTROL READY TO USE	ODA Edit
01-01-2008	Research		John Day	BONIDE ROSE RX INSECT & DISEASE CONTROL READY TO USE	

Search Again

Main Menu

Logout

PURS



- **Deadline for reporting 2008 pesticide application information:**

**THIS SATURDAY
JANUARY 31, 2009**

http://oregon.gov/ODA/PEST/purs_index.shtml

PURS Annual Report



- **Agriculture - 84.7%**
- **Other - 8.8%**
- **Forestry - 2.8%**
- **Aquatic - 1.3%**
- **Right-of-Way - 1.1%**
- **Urban/General Outdoor 0.7%**
- **Urban/General Indoor 0.5%**

PURS Annual Report

- **Diuron 36%** **153,000 lbs**
- **Glyphosate 16%** **94,664 lbs**
- **Triclopyr 15%** **64,447 lbs**
- **2,4-D 13%** **55,239 lbs**
- **Other - 13%**

– RIGHT-OF-WAY USE SITE

Top A.I.s and Water Basin

- **Metam-sodium topped the list with**
 - **17+ Million lbs reported**
 - **Glyphosate 3.5 Million lbs**
- **Middle Columbia basin #1**
 - **22+ Million lbs**
- **Willamette Basin #2**
 - **9.6 Million lbs**
- **Total reported over 40 Million lbs statewide**

Misuse & Mistakes 2008



- **Investigation Activities**
 - **Intentional misuse**
 - **Common mistakes**
 - **Food crops involved**
 - **Complicated**
 - **Costly**

Misuse on Food/Feed Crops



- **Pesticides used off-label on crops**
- **All active ingredients must have tolerances**
- **Crop is “adulterated” if an active ingredient is present without a tolerance**

Intentional Misuse

- **Information provided by trusted persons**
- **False label distributed**
- **Knew products were not legal for use**
- **Some misuse was repeat of 2006 issues**
- **Embargo, crop destruct, enforcement, etc.**
- **Again, entire industry gets a black eye.**

Other Misuse & Mistakes 2008



- **Dogs killed by strychnine**
- **Not following buffers or setbacks**
- **Not following plant back restrictions**
- **Drift off target**
- **Geese and zinc phosphide**

Zinc Phosphide & Geese

- **Case involving application above ground on grass grown for seed AFTER Sept. 1st.**
- **November 2008 case of geese killed**
- **Pesticides Dealer records have been called in for sales of ZP statewide**
- **One retailer (not a dealer) distributing RUP - ZP**
Sold to ODA investigator!

Zinc Phosphide & Geese

- **USFW Criminal Division involved**
- **Additional restrictions being considered**
 - **Uses - crops, above/below ground, etc.**
 - **Time periods**
 - **Geographic considerations**
 - **Sales reporting - similar to Furadan**
 - **Others?**

Zinc Phosphide & Geese

- **ALL Geese are protected under the Migratory Bird Treaty Act**
- **ZP is labeled for non-crop uses**
 - **PLEASE be very aware of where you may use this product and the potential impacts.**

Rodenticide Label Update

- **Implementation date: December 2009**
- **Different requirements depending on**
 - Type of rodenticide - 1st generation, 2nd generation
 - Intended use
- **Bait stations required (non-ag above ground)**
- **Restrictions around homes**
- **Consumer products limited**

www.epa.gov/pesticides/reregistration/rodenticides

Drift

- **Drift cases persisted this year**
 - Ag/Non-Ag
 - Ag/Ag
- **Precautionary measures not taken**
 - Product choice
 - Weather conditions
 - Applicator errors



Drift



- **Applicator errors seem to be increasing**
 - **Know your product and what it can do**
 - **Reduce your pressure**
 - **Increase your droplet size**
 - **Make applications as close to target as possible**
 - **Do NOT apply in inversion conditions**
 - **Do NOT apply when temperatures could cause volatilization**

Enforcement 2008

- **240 investigations conducted**
 - **24% of them were complaint driven**
 - **66 cases out of 280 complaints**
 - **68 agriculture related**
 - **43 non-ag related**



Enforcement 2008



- **Not our best year...**
 - **40 Civil Penalties**
 - **\$96,000+ more to come...**
 - **78 Notices of Violation**
 - **22 cases referred to EPA for enforcement**

Outcomes



- **ODA enforcement**
- **Civil litigation**
- **Public alarm**
- **Tarnished reputations**
- **Additional regulations/restrictions**

Bad Habits and Traps



- **Not reading the label!!!!**
- **Excuses:**
 - **I've been an applicator for 20 years**
 - **I've been applying this product for 10 years**
 - **My dealer, rep, etc would tell me if the label has changed**
 - **Asking others about the label without reading it yourself**
 - **I saw it at a meeting or field day**

More Bad Habits and Traps



- **Examples:**
 - Not following buffers or setbacks
 - Not cleaning out sprayers adequately
 - Not reading and following the **DO NOT** sections of the label (restrictions, plantbacks, PHI, etc)
 - Products have the same active ingredient so...
 - Label specific uses
 - Products look the same so....Oops.

There is Hope



- **Most applicators are making legal applications**
 - Unfortunately they don't make the news
- **Applicators need to monitor their own industries & their own employees**
- **Applicators need to think about how they are viewed by others - yes, someone is watching.**

There is Hope



- **Make a positive impact**
- **Help your industry**
 - **Many are affected by the actions of few**
 - **Bad news travels quick, far & wide**
 - **Prevent further use restrictions or cancellations**
 - **Changes can happen at the state level**
 - **Do not need to have EPA changes to address local issues**

Additional Regulations

- **Unfortunately, when there is misuse:**
 - **all pesticide users are painted with the same brush**
 - **Additional regulations keep on coming...**
 - **Dealer requirements for Furadan**
 - **Additional restrictions being considered for other products (ZP)**

Additional Regulations

- **\$10,000 civil penalty authority**
- **Willful misconduct or gross negligence**
 - **Administrative Rules proposed**
 - **Public process**
 - **Hearing scheduled for April 1st**
 - **10:00 am @ ODA**
 - **Comments accepted until April 3rd @ 5pm**

Legislative Issues at this time...



- **Topics**
 - **Licensing for landscapers**
 - **IPM in/on school property**
 - **PURS**
 - **Possibly buffers around schools?**

2009 Year of Improvement

- **ODA Rule-Making activities:**
 - **Waiting period between failed license exams**
 - **Changing Ag-Vertebrate Control to a major category to address non-ag vertebrate control**
 - **Extend Directly Sup. Trainee licenses to 3 years and allow retesting**

2009 Year of Improvement

- **Experimental Use Permit Process**
- **Add Research & Demonstration category**
- **Comm/Public applicators to qualify for Private Applicator license**
 - **Ag or Forest categories only**
- **Address cheating, stealing exams, etc.**
- **Change recertification requirements**

Pesticide Recertification Process

- **Is the current system working?**
- **ODA accredits approximately 1000 courses every year**
- **OSU sponsors 11.4% of these courses**
- **88.6% are sponsored by dealers, distributors, associations, independent training companies, state/federal agencies, other educational entities, etc.**

What is the Goal?

- **What information will make YOU a better applicator?**
- **What can you learn to ensure your knowledge of pesticide use improves or, at least, does not go down?**
- **ODA must ensure continued competency of its pesticide applicators.**
- **Process is up to each State to determine**

What are our options?

- **Continue with 5 year certification and recertification courses - current process**
- **Get a third party to review courses?**
- **Go to a workshop approach with a reduced certification period?**
- **Require category specific recertification?**
- **Eliminate CORE or make CORE required for everyone?**
- **Go to mandatory retesting?**

OnLine Recertification

- **Many challenges**
 - **Identification verification**
 - **Is the person really reading the material?**
 - **Is there any learning going on?**
 - **How many browsers are open at once?**
 - **OSU ecampus is working on CORE classes**
 - **Limits needed on online training?**

Looking Forward

- **Is there an easier way to accomplish recertification?**
- **OSU & ODA are working together to address training needs for all applicators**
- **Resource constraints on both entities and reluctance to increase fees.**
- **Need input from licensees as to what will fulfill the goal and reduce costs.**
 - **Licensees**
 - **ODA/OSU**

Looking Forward...



- **Applicator/Consultant survey**
 - Address recertification possibilities
 - Is the system really broken?
 - What will work best for the majority?
 - What changes are feasible?
- **2009 Recertification Sponsor Training**

EPA Actions

- **New EPA Administrator - Lisa Jackson**
- **Soil Fumigant RED**
 - **Significant changes proposed**
 - **Buffers - adjustable**
 - **Fumigation Management Plans**
 - **Additional monitoring**
 - **Neighbor communications**
 - **Notification to State Lead Agency**
 - **Very Controversial - Governors are asking for a delay in implementation of 2 years**

EPA Actions

- **Worker Safety & Certification changes possible in 2009 federal law**
 - **Additional WPS requirements**
 - **Setting federal standards as a minimum for states to meet**
 - **3 year certification**
 - **Minimum age requirements, etc.??**

Don't be shy...

- **Not sure about a recommendation or a label statement?**
- **Call ODA, we'll review the label and provide an interpretation**
- **Keep the interpretation in your records!**

Don't be shy...

- **Have a question about your license?**
- **Is the newsletter helpful?**
- **Have a suggestion on how we can do things better?**

WE WANT YOUR IDEAS!!



(503) 986-4635 or pestx@oda.state.or.us

**Please read and follow ALL label directions!
Let ODA help keep you out of trouble**

www.oregon.gov/ODA/PEST/

Thank You and apply pesticides safely.