School IPM Lessons Learned & Records

KTVZ - NewsChannel 21

Our reporter Katie Higgins is in Madras, investigating reports that children became ill after playing soccer on a school field where herbicides were sprayed earlier. If you are a parent willing to speak with us, preferably on camera, please call Alicia or Megan in our newsroom at 541-617-6231 or e-mail your contact info to stories@ktvz.com. We'll have a full report at 5 and 6. Thanks. --Barney Lerten, digital content director.
<table>
<thead>
<tr>
<th>Date of Application</th>
<th>04/10/2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>School</td>
<td>SOCCER EAST</td>
</tr>
<tr>
<td></td>
<td>FENCE LINE</td>
</tr>
<tr>
<td>PESTICIDE APPLICATION RECORD</td>
<td></td>
</tr>
</tbody>
</table>

This form meets all pesticide record-keeping requirements for schools in Oregon. Note additional attachments required.

<table>
<thead>
<tr>
<th>Applicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
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<tr>
<td>License No</td>
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<tr>
<td>Address</td>
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<tr>
<td>City</td>
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<tr>
<td>State</td>
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<tr>
<td>Zip Code</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Pesticide Product Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product (Brand) Name</td>
</tr>
<tr>
<td>EPA Registration No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attach following documents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pesticide Label</td>
</tr>
<tr>
<td>MSDS</td>
</tr>
</tbody>
</table>

Copies of all required notices, including dates the notices were given.

<table>
<thead>
<tr>
<th>Date and time for placement and removal of warning signs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Placement: 04/09/14 Removal:</td>
</tr>
<tr>
<td>Application Information</td>
</tr>
<tr>
<td>---------------------------------</td>
</tr>
<tr>
<td><strong>Time began</strong></td>
</tr>
<tr>
<td><strong>Time ended</strong></td>
</tr>
<tr>
<td><strong>Temp</strong></td>
</tr>
<tr>
<td><strong>Wind Speed &amp; Direction</strong></td>
</tr>
<tr>
<td><strong>Amount of Product Applied</strong></td>
</tr>
<tr>
<td><strong>Total Product Volume or Weight</strong></td>
</tr>
<tr>
<td><strong>Total Area of Application(s) (acres, feet, etc.)</strong></td>
</tr>
<tr>
<td><strong>Product Concentration (amount per area; note units)</strong></td>
</tr>
<tr>
<td><strong>Location(s) of application</strong></td>
</tr>
<tr>
<td><strong>Type of Application</strong></td>
</tr>
<tr>
<td><strong>Other (describe)</strong></td>
</tr>
<tr>
<td><strong>Did the application prove effective? Explain:</strong></td>
</tr>
</tbody>
</table>
### CHEMICAL MIX

<table>
<thead>
<tr>
<th>Volume</th>
<th>2-4-D</th>
<th>B-11</th>
<th>Moract</th>
<th>Banvil</th>
<th>Mix Light Dye</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 Gallon</td>
<td>4 qt/125 oz</td>
<td>2 qt/64 oz</td>
<td>2 qt/64 oz</td>
<td>2 qt/64 oz</td>
<td>32 oz per 100 gal.</td>
</tr>
<tr>
<td>50 Gallon</td>
<td>2 qt/64 oz</td>
<td>1 qt/32 oz</td>
<td>1 qt/32 oz</td>
<td>1 qt/32 oz</td>
<td></td>
</tr>
<tr>
<td>20 Gallon</td>
<td>25 oz</td>
<td>19 oz</td>
<td>12 oz</td>
<td>12 oz</td>
<td></td>
</tr>
<tr>
<td>4 Gallon</td>
<td>1 cup/8 oz</td>
<td>16 oz</td>
<td>16 oz</td>
<td>5 oz - 5 oz/4 gal.</td>
<td></td>
</tr>
</tbody>
</table>

**Pramitol - Hyvarlo**
- Long sleeve shirt, pants, shoes, gloves, eyewear
- REI = When dry

**Roundup**
- Long sleeve shirt, pants, shoes, gloves
- REI = When dry

**Glystar**
- Long sleeve shirt, pants, shoes, gloves, eyewear
- REI = 4 hours

**Weedar 64**
- Coveralls over shirt, pants, shoes, gloves
- REI = When dry

**Banvel**
- Long sleeve shirt, pants, shoes, gloves, eyewear
- REI = When dry
Integrated Pest Management Plan
November 2014
Dear Parents/Guardians and Community:

This is an annual letter to inform you of the school district’s implementation in 2013 of new state law SB637 requirements for Integrated Pest Management (IPM). The district's maintenance department will need to facilitate with low impact applications the treatment of pests and weeds at some point during the year. Prior to treatment, we will be posting related notification to communicate with the community, staff, and students.

The new law stipulates strategies that align with our past practice of preventative approaches and suppression of pest problems in and around schools through safe, economically sound measures. Examples of pests are ants, wasps, or hazardous weeds. Routine use of pesticides to remedy these pests is not allowed. When pest thresholds exceed the established limits and non-chemical pest control measures are deemed unsuccessful, low impact pesticide applications will be considered and applied as a last measure. Under SB637 only licensed pesticide/herbicide applicators are permitted to perform this work in and around schools. Canby School District’s licensed applicators or outside licensed contractors will be responsible for those treatments as needed.

We are required to post notice of planned treatments 24 hours in advance and to leave the notice up until 72 hours after a pesticide is applied on site. If pest conditions dictate immediate attention, the 24-hour notification will be waived and the posting will take place at the time of application. Pesticide notifications will be posted at the school’s main entrance or office doors and the area being treated inside the school or posted on school grounds being treated. The treatment process is no different than what we have done in the past.

If you have any questions or concerns about future treatments, please contact Vladimir Kuznetsov, IPM Coordinator, at 503-969-5431.

Sincerely,

Wayne Layman
Facilities Manager
WARNING

PESTICIDE TREATED AREA

WOODBURN SCHOOL DISTRICT

A pesticide application is scheduled for / was performed on:

<table>
<thead>
<tr>
<th>Date</th>
<th>Time sprayed</th>
</tr>
</thead>
</table>

Expected / Actual reentry time:

Chemical Products used

School

Keep people and pets off of treated areas until Reentry time above has passed. 503-981-2714 - Grounds/maintenance
Chemical Application Records
Woodburn Public Schools, Woodburn Oregon, 97071

Public Applicator Name: [No text provided] Date: 3/31/17
School Name, Location, map: Woodburn High School soccer field
Start time: 8:00 Finish time: 8:10 Re-Entry time: 10:00

MAP

Chemical brand name: [No text provided] Active ingredient: [No text provided] Mix oz. per gallon water: 1.7 oz. EPA Registration No: 2217-873

Total amount of Chemical used: 170 oz.

Target Pest (s): [No text provided] Purpose: [No text provided] Pest Control

Equipment used: Back pack sprayer ( ) Powered sprayer ( ) Hand applicator ( )

Nozzle settings: [No text provided] Pressure, PSI: 20 Area size treated: 5,520 Sq. feet or acre (A)

Signal word: Caution ( ) Warning ( ) Danger ( ) Liquid ( ) Solid ( )

Weather Conditions
Temperature: 51° Clear ( ) Cloudy ( ) Light rain ( ) Light fog ( )
Wind Direction: N NW E SE S SW W NW Wind Speed: 0-4 4-9 8-12 12-16 16-20 mph.

Personal protective equipment used; Mask ( ) Gloves ( ) Glasses ( ) Full length pants with long sleeved shirt ( ) Rubber boots ( ) Other ( )

Did you read label? Yes ( ) No ( ) Did you read MSDS? Yes ( ) No ( )

I hereby certify that the information above is true to the best of my knowledge.

Signature: [No text provided] Date: 3/31/17
Integrated Pest Management

Purpose

Board Policy on Integrated Pest Management (https://www.lanecc.edu/board/policies/bp110) complies with the ORS requirement for an integrated pest management policy. Details of the plan for implementing this policy are provided here.

Narrative

In compliance with ORS 634.700 to 634.750, which requires school districts and community colleges to adopt an integrated pest management policy and an integrated pest management plan, the LCC Board of Directors has approved an Integrated Pest Management policy (http://www.lanecc.edu/board/policies/bp110). The Integrated Pest Management implementation plan details can be found here (https://www.lanecc.edu/sites/default/files/copps/integrated_pest_management_plan.docx).

Date Adopted  Sunday, December 1, 2013
Date Last Reviewed  Monday, August 31, 2015
<table>
<thead>
<tr>
<th>Product Name</th>
<th>Formulation</th>
<th>EPA Registration #</th>
<th>Active Ingredient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advion Ant Gel</td>
<td>Bait Gel</td>
<td>352-746</td>
<td>Indoxacarb</td>
</tr>
<tr>
<td>Advion Cockroach Gel Bait</td>
<td>Bait Gel</td>
<td>352-652</td>
<td>Indoxacarb</td>
</tr>
<tr>
<td>Aquamaster</td>
<td>Liquid</td>
<td>524-343 (-2F)</td>
<td>Glyphosate, isopropylamine salt</td>
</tr>
<tr>
<td>Bee Bopper II, ARI Wasp and Hornet Killer</td>
<td>Pressurized liquid</td>
<td>7754-44</td>
<td>Tetramethrin, d-Phenothrin</td>
</tr>
<tr>
<td>Casoron 4G</td>
<td>Granular</td>
<td>400-168</td>
<td>Dichlorobenil</td>
</tr>
<tr>
<td>Crossbow</td>
<td>Emulsifiable Concentrate</td>
<td>62719-260-5905</td>
<td>2,4-D, butoxyethyl ester, Triclopyr, butoxyethyl ester</td>
</tr>
<tr>
<td>K-Othrine Dust</td>
<td>Dust</td>
<td>432-772</td>
<td>Deltamethrin</td>
</tr>
<tr>
<td>Delta Dust</td>
<td>Dust</td>
<td>28203-322</td>
<td>Deltamethrin</td>
</tr>
<tr>
<td>Demand G Insecticide</td>
<td>Granular</td>
<td>100-1240</td>
<td>Lambda-cyhalothrin</td>
</tr>
<tr>
<td>The Andersons 0.25% Granular Dithiopy Herbicide</td>
<td>Granular</td>
<td>9198-213</td>
<td>Dithiopyr</td>
</tr>
<tr>
<td>EcoEXEMPT G Granular Insecticide</td>
<td>Granular</td>
<td>Exempt.</td>
<td>Eugenol (clove oil), Thyme oil</td>
</tr>
<tr>
<td>EcoEXEMPT IC-2 Insecticide Concentrate</td>
<td>Concentrate</td>
<td>Exempt.</td>
<td>Rosemary Oil</td>
</tr>
<tr>
<td>EcoPCO WP-X Wettable Powder Insecticide</td>
<td>Wettable Powder</td>
<td>67425-25-655</td>
<td>Pyrethrins, 2-Phenylethyl propionate, Oil of thyme</td>
</tr>
<tr>
<td>Envoy Plus</td>
<td>Emulsifiable Concentrate</td>
<td>59639-132</td>
<td>Clietodim</td>
</tr>
<tr>
<td>Generation mini blocks</td>
<td>Pellets/tablets</td>
<td>7173-218</td>
<td>Difethialone</td>
</tr>
<tr>
<td>Gourmet Liquid Ant Bait Impregnated Materials</td>
<td>Impregnated Materials</td>
<td>73766-2</td>
<td>Disodium Octaborate Tetrahydrate</td>
</tr>
<tr>
<td>Grant’s Ant Control A bait stations</td>
<td>Impregnated Materials</td>
<td>1663-33</td>
<td>Hydramethionon</td>
</tr>
<tr>
<td>Hi-Yield Super Concentrate Kill Zall II</td>
<td>Soluble Concentrate</td>
<td>42750-61-7401</td>
<td>Glyphosate, isopropylamine salt</td>
</tr>
<tr>
<td>inTice Thiquid Ant Bait</td>
<td>Soluble Concentrate</td>
<td>73079-7</td>
<td>Sodium Tetraborate Decahydrate</td>
</tr>
<tr>
<td>Landmaster</td>
<td>Soluble Concentrate</td>
<td>42750-62</td>
<td>2,4-D, isopropylamine salt, Glyphosate, isopropylamine salt</td>
</tr>
<tr>
<td>Maxforce FC Professional Insect Control Roach Killer Bait Gel</td>
<td>Bait gel</td>
<td>432-1259</td>
<td>Fipronil</td>
</tr>
<tr>
<td>Maxforce Professional Insect Control Roach Killer Bait Gel</td>
<td>Bait Gel</td>
<td>432-1254</td>
<td>Hydramethionon</td>
</tr>
<tr>
<td>Milestone VM Plus</td>
<td>Emulsifiable</td>
<td>62719-572</td>
<td></td>
</tr>
</tbody>
</table>
Date of Application: 6/21/18

School: Lane Community College, Eugene, OR 4000 E 30th Ave 97401

PESTICIDE APPLICATION RECORD

This form meets all pesticide record-keeping requirements for schools in Oregon. Note additional attachments required.

Applicator
Name: [Redacted]
Phone: (541) 654-3054
License No.: AG-L1022813 MA
Certificate No.: NA
Address: 1392 Oak Dr.
City: Eugene
State: OR
Zip Code: 97401

Pesticide Product Used
Product (Brand) Name: Roundup (4Herbicide)
EPA Registration No.: 524-535
Product type (granular, liquid, etc.): granular

Attach following documents
Pesticide Label: [ ]
MSDS: [ ]
Copies of all required notices, including dates the notices were given: [ ]

Date and time for placement and removal of warning signs
Placement: [ ]
Removal: [ ]

Application Information
Time began: 5 AM
Time ended: 5:15 AM
Temp: 54°
Wind Speed & Direction: 5 mph W

Amount of Product Applied: 1 gal
Total Product Volume or Weight: 1 gal
Total Area of Application(s) (acres, feet, etc.): 100 ft²
Product Concentration (amount per area; note units): 102 oz/gal

Location(s) of application: Pkg. 1st L. (East Campus)

Type of Application: Backpack

Other (describe):

Did the application prove effective? Explain: Yes, the poison oak was eliminated. We were able to go back and dig up afterwards.
Our Mission
The mission of the OSU School IPM Program is to work with schools to improve pest management while reducing costs, workload, and the risks from pests and pesticides. Learn more about the OSU School IPM Program.

This Website
This website is designed specifically for School IPM Coordinators and the school staff who support them in their efforts to reduce pests in their schools. It contains materials and information on preventing and controlling specific pests, turf management, pesticides and the school IPM law.

Contact Us
Tim Stock
OSU School IPM Program Coordinator
(541) 737-6279
Tim.Stock@oregonstate.edu

Kelly Ensor
Program Support Specialist
(541) 737-5508
Kelly.Ensor@oregonstate.edu

OSU School IPM Program
OSU Horticulture
2750 SW Campus Way # 4017 ALS
Corvallis, OR 97331
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 or governing body. 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 may 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 be taken down no earlier than 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 blogs.oregonstate.edu/schoolipm

National Pesticide Information Center
For general questions about pesticides, including the potential risk to humans, pets, or the environment, call (800) 856-7378.

ODA Pesticides Program
635 Capitol St. NE, Salem, OR 97301
Web: oda.direct/IPM/Schools
Phone: (503) 986-4535

3/2018
"Low-Impact Pesticides List"

Pesticides have an important, but limited role in an IPM program. Most pests need food, water and shelter. Reduce these and you reduce pests, as well as the need for pesticides.

The three most important cultural practices for preventing weeds in turf are mowing, fertilization and irrigation. The less weeds, the less need for pesticides.

Attend a training event for School IPM Coordinators presented by the OSU School IPM Program; and check out the templates, training tools, and model IPM plans here.

WARNING:

- "Non-crop areas" include uncultivated agriculture, farmyards, fuel storage areas, fence rows, rights-of-way, and fallow land. That term does NOT include ornamental sites, turf, or sports fields.

Oregon law requires pesticide applicators to use only low-impact pesticide products in and around schools.

The law defines "low-impact" in specific terms. ORS 634.705 (5) explains that a governing body shall adopt a list of low-impact pesticides for use with their IPM plan, and explains which products may not be included on the list they adopt. The products contained in this list (i.e. this "Low-Impact Pesticides List" housed on the OSU School IPM Program’s website) are based solely on the requirements of ORS 634.705 (5).

OSU has added value to the list by giving specific health/safety/environmental information next to each product. We encourage anyone who is considering using any product on the list to look at this specific information.

Governing bodies can ignore, add or subtract from this "Low-Impact Pesticide List" based on their local situation, as long as the products they choose meet the requirements of ORS 634.705 (5).

The products listed in this "Low-Impact Pesticide List" met the requirements of ORS 634.705 (5) for use in and around Oregon schools and they were registered for sale in the state of Oregon as of May 2018.

If you are unsure whether a product you are considering using is still registered for use in the state of Oregon and/or still meets the requirements of ORS 634.705 (5), please contact the Oregon Department of Agriculture Pesticides Program.
### Ornamental & turf sites are NOT included in the definition of “non-crop areas.”

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Registration Numbers</th>
<th>Active Ingredients</th>
<th>Warnings and Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Snapshot 2.5 TG, Snapshot DG</strong></td>
<td>62719-175</td>
<td>trifluralin, isoxaben</td>
<td>Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. This product causes moderate eye irritation and is harmful if inhaled. It also contains potential allergens. Users should change clothes immediately after handling this product.</td>
</tr>
<tr>
<td><strong>Crossbow</strong></td>
<td></td>
<td></td>
<td>Crossbow has been removed from the Low-Impact list. There was confusion about the term “non-crop areas,” which do not include ornamental and turf sites. Crossbow is not registered to be used in school-type settings. (EPA Registration numbers beginning with 92719-260)</td>
</tr>
<tr>
<td><strong>Rodeo</strong></td>
<td>62719-324</td>
<td>glyphosate, isopropylamine salt</td>
<td>Avoid breathing spray mist. This product is harmful if inhaled. Do not mix, store, or apply this product in galvanized steel or unlined steel (except stainless steel) containers.</td>
</tr>
<tr>
<td><strong>Accord Concentrate</strong></td>
<td>62719-324-67600</td>
<td></td>
<td>避免吸入喷雾雾。此产品对吸入有害。不要混入、储存或应用此产品在镀锌钢或非镀锌钢（除不锈钢）容器中。</td>
</tr>
<tr>
<td><strong>Aquapro Herbicide</strong></td>
<td></td>
<td></td>
<td>避免吸入喷雾雾。此产品对吸入有害。不要混入、储存或应用此产品在镀锌钢或非镀锌钢（除不锈钢）容器中。</td>
</tr>
<tr>
<td><strong>Dimension Ultra 40 WP</strong></td>
<td>62719-445</td>
<td>dithiopyr</td>
<td>Avoid contact with skin, eyes or clothing. Avoid breathing dust. This product is harmful if absorbed through skin, and it causes eye irritation. All handlers must wear chemical resistant gloves. Do not contaminate water with equipment rinsates or run-off. This product is formulated in water-soluble packaging. Do not open the outer package until you’re ready to put the water-soluble package in water.</td>
</tr>
<tr>
<td><strong>Milestone</strong></td>
<td>62719-519</td>
<td>aminopyralid, triisopropylamine salt</td>
<td>This product is registered for use in ‘recreational areas.’ Be careful to follow label directions. In agricultural settings, this product requires a restricted-entry interval of 48 hours. Consider applying that same standard in your school setting. This product causes moderate eye irritation. Avoid contact with eyes or clothing. This product has the potential to contaminate groundwater, especially where soil is permeable and the water table is shallow. Treated grass clippings should not be added to compost.</td>
</tr>
<tr>
<td><strong>Defender</strong></td>
<td>62719-560</td>
<td>florasulam</td>
<td>Harmful if absorbed through skin; avoid contact with skin, eyes, or clothing. This chemical has properties and characteristics associated with chemicals detected in groundwater. Be careful where soils are permeable (more sandy), particularly where the water table is shallow.</td>
</tr>
<tr>
<td><strong>Gallery SC Specialty Herbicide</strong></td>
<td>62719-658</td>
<td>isoxaben</td>
<td>This product causes eye irritation, and it can be harmful if inhaled. When used in agriculture, this product requires a re-entry interval of 12 hours. Consider applying that same standard in your school setting. There is suggestive evidence of carcinogenicity for the active ingredient, isoxaben. It meets the legal criteria (not a likely human carcinogen), but it’s close. Take steps to minimize potential exposure.</td>
</tr>
<tr>
<td>Field</td>
<td>Description</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date of Application</td>
<td>Month / Day / Year</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Name</td>
<td>Phone</td>
<td></td>
<td></td>
</tr>
<tr>
<td>License No.</td>
<td>Certificate No.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City</td>
<td>State</td>
<td>Zip Code</td>
<td></td>
</tr>
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<td></td>
</tr>
<tr>
<td>Product type (granular, liquid, etc.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attach following documents</td>
<td></td>
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<td>Pesticide Label</td>
<td>MSDS</td>
<td>Copies of all required notices, including dates the notices were given</td>
<td></td>
</tr>
<tr>
<td>Date and time for placement and removal of warning signs</td>
<td>Placement:</td>
<td>Removal:</td>
<td></td>
</tr>
<tr>
<td>Application Information</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time began</td>
<td>Time ended</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temp</td>
<td>Wind Speed &amp; Direction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amount of Product Applied</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Product Volume or Weight</td>
<td>Total Area of Application(s) (acres, feet, etc.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Product Concentration (amount per area; note units)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Location(s) of application</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of Application</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Backpack</td>
<td>Bait</td>
<td>Boom Sprayer</td>
<td>Crack/Crevise</td>
</tr>
<tr>
<td>Other (describe)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Did the application prove effective? Explain:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
A pesticide application is scheduled for/was performed on:

DATE_________________ TIME________________________

Expected / Actual reentry time __________________________

For further information regarding this notice please contact:

__________________________________________
Name _________________________________________

__________________________________________
Telephone Number ____________________________
State of Oregon
IPM in Schools Requirement
ORS 634.700 – 634.750

Frequently Asked Questions

LAWS AND RESPONSIBILITIES

Which schools must comply with the Oregon school IPM law?

- All Oregon public schools, public charter schools, and private schools; grades K-12;
- Oregon community colleges;
- Facilities operating an Oregon prekindergarten program;
- Facilities operating a federal Head Start program;
- ESDs (education service districts); and,
- Oregon School for the Deaf (ORS 634.700(8)).

What do schools or districts have to do by July 1, 2012?

- Adopt an IPM plan for use on the school campus.
- Designate an IPM Plan Coordinator.
- Identify plan coordinator responsibilities.
- Give notices of pesticide applications (ORS 634.740).
- Start retaining pesticide application records (ORS 634.750).
RECORDS
Records

• 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.
Records

• 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 range and section), 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.
Records

• 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.
Records

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.
Records

6. The amount or concentration (pounds or gallons per acre of active ingredient or concentration per approximately 100 gallons).
   - The amount of each pesticide product applied per unit of measure (ounces, pounds, pints, quarts, etc).
   - 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 to the site.
   - The amount and type of other material applied (such as spreader/sticker, wetting agent or drift retardant).
Records

• 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
  • Ornamental applications – the general area (front yard, hedge, fruit tree, etc.)
School IPM Specific Records

- Label Information and SDS on file as a school on the campus
- Plan coordinator must keep:
  - The brand name or trademark of the pesticide product
  - The US EPA registration number of the product
  - The pest condition that prompted the application
  - A description of the area where the application occurred
  - The approximate amount and concentration of the pesticide product applied
School IPM Specific Records

- The type of application and whether the application proved effective
- The applicator license numbers of the persons applying the pesticide
- The names of the persons applying the pesticide
- The date on which the plan coordinator gave any notices required
- The dates and times for the placement and removal or warning signs
School IPM Specific Records

- Pesticide application records must include copies of all notices given under ORS 634.740
- A school shall retain application records required by this section for at least four (4) years following the date of application
School IPM Record Keeping Form

Date: ___________ Time of Application: Start _____ End ______

School: __________________________ Specific area(s) treated: __________________________

Address: __________________________________________ Size of Area treated: _________

Applicator Name: __________________ Applicator License Number _________________

Supervising Applicator and license number (If applicator is a Trainee or Apprentice)

Condition that prompted application: ____________________________________________
____________________________________________________________________________

Date that written notice was sent out: ___________________

**Be sure to attach/save a copy of the written notice that was sent out**

Date and time of warning sign placement: Date _________ Time:________________

Date and time of warning sign removal: Date___________ Time:_______________

Product Name    EPA #       Type of application    Dilution    Total amount    Equipment used
_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________

Notes:_______________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________

Did the application prove effective?   Y   N   note:__________________________

**Be sure to retain an up to date copy of the label on file at a school on the campus**
**Be sure to retain a copy of the SDS on file at a school on the campus**
**Be sure to keep a file of pesticide supplier info**
Record Keeping instructions

- Date: the date the pesticide application actually took place.
- Time of Application: both start and stop time are required.
- School: The name of the school that the pesticide application took place.
- Specific area(s) treated: Be as specific as possible (e.g. baseball field fence line, Parking lot cracks, Kitchen baseboards, beds on north side of building).
- Address: The address where the application took place.
- Size of area treated: this is the size of the actual area treated. We don’t need perfection, but be as close as you can.
- Applicators Name: the name of the person who made the application.
- Applicators License Number: the license number of the person who made the application.
- Supervising applicator: if the application is made by a trainee or apprentice, you are required to state that person’s name and license number.
- Condition that prompted the application: why are you applying pesticides (remember, aesthetics and routine are not acceptable answers)?
- Date that written notice went out: what date did you inform staff, faculty, parents and guardians of minor students, adult students, and administration that an application was going to take place?
- Date and time of warning sign placement: what date and time did you put out the required signage?
- Date and time of warning sign removal: what date and time did you remove the required signage?
- Product Name: the name of the pesticide as stated on the bottle/jug/can/etc.
- EPA #: The EPA Registration Number (EPA Reg. No.). Typically located on the front of the container. Write it as it appears on the container.
- Type of Application: Insecticide, fungicide, herbicide, rodenticide, etc.
- Dilution: what strength is the product mixed at (e.g., 3%)? Or, could be displayed as the label states (2 oz per gallon of water).
- Total Amount: this is the total amount of pesticide product used. If you choose to write total mixture use, be sure that info is clearly stated.
- Equipment used: how was the application made (back pack, ATV sprayer, shaker can, etc.)?
- Notes: PLEASE take notes. This is your opportunity to write things you did or observed. For example: “Didn’t spray N. fence line, people were on the other side.”
- Did the application prove effective: go back and check that your application was necessary and actually did what it was supposed to.
Types of Pesticides

There are many different types of pesticides, each is meant to be effective against specific pests. The term "-cide" comes from the Latin word "to kill."

Algaecides are used for killing and/or slowing the growth of algae.

Antimicrobials control germs and microbes such as bacteria and viruses.

Biopesticides are made of living things, come from living things, or they are found in nature.

Desiccants are used to dry up living plant tissues.

Defoliants cause plants to drop their leaves.

Disinfectants control germs and microbes such as bacteria and viruses.

Fungicides are used to control fungal problems like molds, mildew, and rust.

Herbicides kill or inhibit the growth of unwanted plants, aka weeds.

Illegal and Counterfeit Pesticides are imported or sold illegally.

Insecticides are used to control insects.

Insect Growth Regulators disrupt the growth and reproduction of insects.

Minimum Risk Pesticides are exempt from EPA registration, but many states require them to be registered.

Miticides control mites that feed on plants and animals. Mites are not insects, exactly.

Mollusccides are designed to control slugs, snails and other molluscs.
School IPM Record Keeping Form

Date: ___________ Time of Application: Start _____ End ______
School: ____________________________ Specific area(s) treated: __________________
Address: ___________________________________ Size of Area treated: _________
Applicator Name: _______________________ Applicator License Number _______________
If applicator is a Trainee or Apprentice, name and license number of Supervising Applicator
____________________________________________________________________________
Condition that prompted application: ____________________________________________
____________________________________________________________________________
Date that written notice was sent out: ___________________
**Be sure to attach/save a copy of the written notice that was sent out**

Date and time of warning sign placement: Date ________ Time: ______________
Date and time of warning sign removal: Date ________ Time: ______________

Product Number Total amount used Equipment used if different
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________

Notes:_______________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________

Did the application prove effective? Y N note: ____________________

**Be sure to retain an up to date copy of the label on file at a school on the campus**
**Be sure to retain a copy of the SDS on file at a school on the campus**
**Be sure to keep a file of pesticide supplier info**
<table>
<thead>
<tr>
<th>Product Name and Type</th>
<th>EPA #</th>
<th>Dilution</th>
<th>Method of application</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Insecticides</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Jenny’s ant Slaughter</td>
<td>234-443-3464</td>
<td>2 oz per gal</td>
<td>B&amp;G sprayer</td>
</tr>
<tr>
<td>2. Kill em’ hornets</td>
<td>525-8941</td>
<td>1, 12 oz aerosol can</td>
<td>supplied can</td>
</tr>
<tr>
<td>3. BOOM! Yo dead</td>
<td>1-25-3241</td>
<td>1, 24 oz aerosol can</td>
<td>Supplied can</td>
</tr>
<tr>
<td>4. Smoke dat roach</td>
<td>420-420</td>
<td>1 pre rolled packet</td>
<td>light it up</td>
</tr>
<tr>
<td><strong>Herbicides</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Sonnens’ weed blaster</td>
<td>1-756-9485</td>
<td>12 oz per gal</td>
<td>back pack sprayer</td>
</tr>
<tr>
<td>6. Max Pro Super RoundDown</td>
<td>2369-5454</td>
<td>.5 oz per 3 gal</td>
<td>ATV mounted sprayer</td>
</tr>
<tr>
<td>7. Dand-E-lion Destroyer</td>
<td>4526-6451-2515</td>
<td>3 oz per gallon</td>
<td>back pack sprayer/ ATV mounted sprayer</td>
</tr>
<tr>
<td><strong>Rodenticides</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Ketters Kritter Killer</td>
<td>245-986-1</td>
<td>as needed</td>
<td>by hand</td>
</tr>
<tr>
<td>9. Squishy killer</td>
<td>2695-1126</td>
<td>1 pack per 25ft</td>
<td>by hand</td>
</tr>
<tr>
<td><strong>Algicide</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10. Green B Gone</td>
<td>123-563-124-5554</td>
<td>1 gal / 100 gal</td>
<td>by hand</td>
</tr>
</tbody>
</table>
With support and co-operation of all district employees we can solve the IPM Puzzle.
What makes a school
Questions

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Oregon Department of Agriculture
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modenthal@oda.state.or.us