## The Low-Impact List from Oregon State University

Oregon law<sup>i</sup> requires pesticide applicators to use only low-impact pesticide products in and around schools. The law defines "low-impact" in specific terms.<sup>ii</sup> School districts may evaluate products according to the law and maintain their own list(s) of low-impact pesticide products. Oregon State University (OSU) has evaluated products upon request and created this list, which governing bodies are welcome to use in lieu of, or in addition to, their own low-impact lists.

Kaci Buhl is a Senior Faculty Research Assistant in the Department of Environmental and Molecular Toxicology Department at OSU. She added comments to the list in order to help school employees select and use products while minimizing the risks. She has background in pesticide toxicology and regulations, in addition to integrated pest management. She has coordinated the National Pesticide Information Center (NPIC) for several years, and serves as an expert in pesticide safety topics. She is the primary reviewer to determine whether pesticide products meet the legal criteria.

### These good practices are often required, according to product labels:

- Store all pesticides in a cool, dry place with limited access.
- Store liquids below granules and dusts, just in case the liquid container leaks.
- At the very least, wear long pants, long sleeves, shoes and socks when handling or using any pesticide product.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Keep people and pets off treated areas until sprays or wetted granules have dried.
- Do not apply products in a way that will contact people, either directly or through drift.
- Do not apply pesticides to classrooms, athletic fields, or any other space while it is being used.

### Requesting additions to the Low-Impact List from OSU:

- Attend the IPM Coordinator training event presented by the OSU School IPM Program. We can only accept requests from designated IPM Coordinators who have already attended the training in 2013 or 2014.
- Make sure the product does not have a signal word of "WARNING" or "DANGER."
- Make a request using this web-based form: Request Form
- Provide contact information if you would like to be notified of the outcome of your request.

This version is dated October 8, 2014.

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. <sup>iii</sup> **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	Read the label, use products only for labeled uses,
		Ingredient(s)	and be aware of the following:
Gordon's Agricultural Products Brushmaster Herbicide	2217-774	2,4-D ethylhexyl ester, 2,4-DP, dicamba	Avoid contact with eyes, skin or clothing, or inhaling spray mist. This product is harmful if absorbed through the skin or inhaled. Over time, it may cause allergic reactions in individuals who are repeatedly exposed. Applicators must wear chemical-resistant gloves. A chemical resistant apron is needed when working with the concentrate. Application to sandy soils, particularly where the water table is shallow, could result in groundwater contamination. Do not apply this product to shorelines, wetlands, or ditch-banks. Do not apply this product where drift may occur to ornamentals, fruit trees, vegetables, and other susceptible broadleaf plants. Do not apply when humidity is low and temperatures are high because this product may turn to vapor and move across the landscape, damaging plants along the way.
Gordon's Proform Professional Formulations Speed Zone Broadleaf Herbicide for Turf	2217-833	2,4-D ethylhexyl ester, mecoprop-p, dicamba, carfentrazone ethyl	Avoid contact with skin, eyes, or clothing. All handlers, including mixer/loaders must wear chemical resistant gloves. A chemical resistant apron is needed when working with the concentrate. This product causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions. Application to sandy soils, particularly where the water table is shallow, could result in groundwater contamination. Do not apply to wetlands or shorelines.
Gordon's Proform Professional Formulations Speed Zone	2217-835	2,4-D ethylhexyl ester, mecoprop-p, dicamba, carfentrazone-ehtyl	Avoid contact with skin, eyes, or clothing. All handlers, including mixer/loaders must wear chemical resistant gloves. A chemical resistant apron is needed when working with the concentrate. When finished, users should remove PPE immediately and change into clean clothing as soon as possible. Application to sandy soils, particularly where the water table is shallow, could result in groundwater contamination. Do not apply to wetlands or shorelines.

Gordon's ProForm Professional Formulations T Zone Broadleaf Herbicide	2217-920	dicamba, 2,4-D (2- ethylhexyl ester), sulfentrazone, and triclopyr, butoxyethyl ester	Avoid contact with eyes or clothing. This product causes moderate eye irritation. Chemical resistant gloves are required for all activities. When you might be exposed to the concentrate (mixing, loading, cleaning up spills), you must wear a chemical resistant apron. Users should change clothes immediately after handling this product. Application around a cistern or well may result in contamination of drinking water. Small amounts of this product can damage sensitive plants like grapes, vegetables, and many ornamentals. Do not allow spray drift. Vapor drift is also possible after the application if temperatures rise and humidity falls.
Razor Pro Herbicide Razor Herbicide	228-366	glyphosate	This product causes moderate eye irritation. Avoid breathing vapor or spray mist. Do not mix, store, or apply this product in galvanized steel or unlined steel (except stainless steel) containers.
Primera Razor Pro			
Plateau Herbicide	241-365	imazapic, ammonium salt	Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. Applicators must wear chemical resistant gloves.  Application to sandy soils, particularly where the water table is shallow, could result in groundwater contamination. This product has a high potential for runoff for several months or more after application. Do not rinse equipment on or near desirable trees or plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.
Pendulum AquaCap Herbicide Lesco Pre-M Aqua Cap Herbicide	241-416 241-416-10404	pendimethalin	Avoid contact with eyes, skin, or clothing. Applicators and other handlers must wear chemical resistant gloves. Do not apply this product in greenhouses, or any enclosed structure. This product is toxic to fish. This is a pre-emergent herbicide, so it won't work on established weeds. It keeps weed seeds from germinating through the soil surface, but only after it is "activated" by rainfall or irrigation (about a half inch).
Quicksilver T+O Herbicide	279-3265	carfentrazone-ethyl	Avoid contact with eyes, skin, or clothing, and avoid breathing spray mist. This product causes moderate eye irritation and moderation inhalation toxicity. Applicators must wear waterproof gloves. Do not allow people or pets on the treatment area until sprays have dried. This product only works when light is present, and it can take 7-14 days for susceptible plants to die.

Casoron 4G	400-168 400-168-59807	dichlobenil	Avoid contact with skin, eyes, or clothing. This product is harmful if inhaled. Chemical-resistant gloves are required for all activities. Users should change clothes immediately after handling this product. Application to sandy soils, particularly where the water table is shallow, could result in groundwater contamination. When working around desirable plants, do not allow granules to lodge in foliage, or accumulate in contact with tree trunks. Casoron comes in paper bags that have been known to rip easily.
Gly-Star Original Agristar	42750-60	glyphosate, isopropylamine salt	Avoid contact with eyes or clothing. This product causes moderate eye irritation. Do not mix, store, or apply this product in galvanized steel or unlined steel (except stainless steel) containers.
Gly Star Plus, Gly Star Pro Gordon's Farm Pronto Big	42750-61 42750-61-2217	glyphosate, isopropylamine salt	Avoid contact with eyes, skin or clothing. This product causes moderate eye irritation. Do not mix, store, or apply this product in galvanized steel or unlined steel (except stainless steel)
N' Tuf, Gordon's Farm Pronto BigN'Tuf2 Nonselective Herbicide			containers.
Hi-Yield Super Concentrate Kill-Zall II	42750-61-7401		
Landmaster BW	42750-62	2,4-D, isopropylamine salt, and glyphosate, isopropylamine salt	Avoid contact with eyes, skin or clothing. This product causes moderate eye irritation, and it may be harmful if absorbed through the skin. When you might be exposed to the concentrate (mixing, loading, cleaning up spills), you must wear a chemical resistant apron and gloves. Application around a cistern or well may result in contamination of drinking water. Do not mix, store, or apply this product in galvanized steel or unlined steel (except stainless steel) containers. Do not apply this product in the vicinity of grapes, tomatoes, or other 2,4-D sensitive plants.
Specticle G	432-1523	indaziflam	This product has no signal word, which can indicate very low toxicity. It is a pre-emergent herbicide for annual grasses. It is toxic
Marengo G	432-1523-59807		to fish and other aquatic life. This product has a high potential to contaminate surface water and/or groundwater. The residue found in runoff can be active against aquatic life for months. Runoff can be reduced by timing applications when rain is not expected for 48 hours.
Aquamaster Herbicide  Roundup Custom for  Aquatic & Terrestrial Uses	524-343	glyphosate, isopropylamine salt	Do not mix, store, or apply this product in galvanized steel or unlined steel (except stainless steel) containers.

RoundUp Pro Concentrate	524-529	glyphosate, isopropylamine salt	Avoid contact with eyes or clothing. This product causes moderate eye irritation. Do not mix, store, or apply this product in galvanized steel or unlined steel (except stainless steel) containers.
Quikpro Herbicide Roundup QuikPro Herbicide	524-535	glyphosate, diquat dibromide	This product causes moderate eye irritation, and applicators must wear protective eyewear. Avoid breathing dust from the granules. Do not mix, store, or apply this product in galvanized steel or unlined steel (except stainless steel) containers. Only protected handlers may be in the area during application. Remove PPE immediately, and change clothes as soon as possible.
Roundup Promax Herbicide	524-579	glyphosate, potassium salt	Avoid contact with eyes or clothing. This product causes moderate eye irritation. Do not mix, store, or apply this product in galvanized steel or unlined steel (except stainless steel) containers.
Barrage HF Low Volatile Herbicide	5905-529	2,4-D ester	Harmful if absorbed through skin. This product causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions. All handlers must wear chemical-resistant gloves. When handling the concentrate, a chemical-resistant apron is required. Application to sandy soils, particularly where the water table is shallow, could result in groundwater contamination. After application, if the temperature rises over 85 degrees, vapors from this product may injure susceptible plants growing nearby, including vegetables and ornamentals. Avoid applications in the vicinity of susceptible plants. Very small quantities of this herbicide can cause severe injury. Use the directions for "ornamental and recreational turf grasses, lawns, golf courses and cemeteries" rather than the directions for "Roadsides, medians, highway, railroad, utility, and pipeline rights of way, etc."
Broadstar Herbicide	59639-128	flumioxazin	Avoid breathing dust and spray mist. This product is harmful if absorbed through the skin. Applicators and other handlers must wear chemical-resistant gloves. This product is toxic to aquatic invertebrates. Take care not to allow runoff toward desirable plants. This product is most effective as a pre-emergent herbicide. Do not apply in enclosed, greenhouse structures.
Envoy Plus Herbicide  Select Max On Meadowfoam  Select Max Herbicide	59639-132	clethodim	Avoid contact with eyes, skin or clothing. This product causes moderate eye irritation. It also contains potential allergens.  Applicators and other handlers must wear chemical-resistant gloves and protective eyewear. Small amounts of this product may damage grass crops such as corn, rice, small grains, sorghum, or turf. Do not allow spray drift.

Snapshot 2.5 TG,	62719-175	trifluralin, isoxaben	Avoid contact with skin, eyes, or clothing. Avoid breathing spray
Snapshot DG	02/10/1/0	Tillulaini, isoxaboli	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.
Crossbow	62719-260	2,4-D, butoxyethyl ester, triclopyr,	Avoid contact with eyes or clothing. This product causes moderate eye irritation. It also contains potential allergens. All handlers must
Crossbow Herbicide	62719-260-55467	butoxyethyl ester	wear protective eyewear, chemical resistant gloves, and when exposed to the concentrate, a chemical-resistant apron. Small
Helena Crossbow Specialty Herbicide	62719-260-5905		amounts of this product can damage sensitive plants like grapes and tomatoes. Do not allow spray drift. Vapor drift is also possible after the application if temperatures rise and humidity falls.
Crossbow Specialty	62719-260-829		
Crossbow Specialty Herbicide	62719-260-72693		
Rodeo	62719-324	glyphosate, isopropylamine salt	Avoid breathing spray mist. This product is harmful if inhaled. Do not mix, store, or apply this product in galvanized steel or unlined
Accord Concentrate			steel (except stainless steel) containers.
Aquapro Herbicide	62719-324-67690		
Dimension Ultra 40 WP	62719-445	dithiopyr	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 rinsate 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.
Glyphogan Plus Herbicide  Quali-Pro Glyphosate  Plus	66222-176	glyphosate, isopropylamine salt	Avoid contact with eyes, skin or clothing. This product causes moderate eye irritation. Do not mix, store, or apply this product in galvanized steel or unlined steel (except stainless steel) containers.
Concern Fast Acting Weed Killer	67702-7-5093	ammonium salts of fatty acids	Avoid contact with eyes or clothing. This product causes moderate eye irritation. Avoid breathing vapor. This product is not for use on roofs, but it is labeled for asphalt/cement areas.
Bayer Advanced Natria Grass & Week Killer RTU/Organic Gardening	67702-7-72155	ammonium salts of fatty acids	Avoid contact with eyes or clothing. This product causes moderate eye irritation. Avoid breathing vapor. This product is not for use on roofs.
Sedgehammer Turf Herbicide	81880-1-10163	halosulfuron-methyl	Avoid contact with eyes or clothing. This product causes moderate eye irritation. Application to sandy soils, particularly where the water table is shallow, could result in groundwater contamination.

Sedgehammer &Turf Herbicide	81880-24-10163	halosulfuron-methyl	Avoid contact with eyes or clothing. This product causes moderate eye irritation. Application to sandy soils, particularly where the water table is shallow, could result in groundwater contamination.
Avenger AG Burndown Herbicide	82052-4	d-Limonene	Avoid contact with skin, eyes, or clothing. This product is harmful if absorbed through skin, and it causes eye irritation. All handlers must wear chemical resistant gloves and protective eyewear. Do not use or store this product near heat or open flame. When using the product, spray weeds until thoroughly wet.
Worry Free Moss & Algae Control	82502-6-33116	d-Limonene (citrus)	Avoid contact with skin, eyes, or clothing. This product causes moderate eye irritation. This product is labeled for use on roofs, walkways, driveways, and fences.
EZ-Ject Diamondback Herbicide Shells	83220-1	glyphosate	Avoid contact with eyes or clothing. This product comes in water- soluble shells for trunk/stem injection. It's a closed system with low exposure potential. It may be applied to trees/brush that are standing in water, but not below the water level.
The Andersons Professional Turf Products Dimension 0.25g With Agpro	9198-213	dithiopyr	Avoid contact with eyes or clothing. Avoid breathing dust. This product contains potential allergens. It may also damage some species of turf grass.

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## **Insecticides**

Product Name	EPA Reg. No.	Active Ingredient(s)	Read the label, use products only for labeled uses, and be aware of the following:
EcoEXEMPT G Granular Insecticide from Envincio/Prentiss LLC	None - 25(b)	eugenol (clove oil), thyme oil (other: wintergreen oil, corn cob)	Avoid contact with eyes.
Essentria IC-3 Insecticide Concentrate from Envincio/Prentiss LLC	None - 25(b)	rosemary oil, geraniol, peppermint oil (Other: oil of wintergreen, white mineral oil, vanillin, polyglyceryl oleate)	May cause eye and skin irritation. Avoid contact with eyes, skin and clothing. Protective eyewear and chemical resistant gloves are recommended. Do not use or store this product near heat or open flame. When diluting with water, prepare only the amount needed for immediate use, and maintain agitation during use. Do not store spray solution overnight. When used in confined spaces, prolonged exposure to the fragrance may be objectionable to some individuals.
W H Y Spray for Wasp, Hornet, & Yellow jacket Nests from Sterling International	None - 25(b)	lemmongrass oil, clove oil (eugenol), rosemary oil, geranium oil	Avoid contact with eyes and skin. Contents under pressure. Do not use or store near heat or open flame. When spraying nests, spray the opening first, and stand a safe distance from the nest.
Demand CS Patrol	100-1066	lambda- cyhalothrin	This product may be harmful if absorbed through skin. It may also contain potential allergens. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist of vapor. Do not use this product in or on
Oxyfly Insecticide	100-1066-72113		electrical equipment due to the possibility of shock hazard. Take extreme care to ensure the product is not introduced into the air. Avoid
Speckoz Border Insecticide  Grenade ER Insecticide	100-1066-73 100-1066-70585		contamination of food and food processing surfaces. Spot treatments should not exceed 20% of the treated area. Individual spot treatments should not exceed 2 square feet.

Demond Classoficide	400 4040	la sala	This was dust as used as a second such as a finite time. As aid as at act with a second
Demand G Insecticide	100-1240	lambda- cyhalothrin	This product causes moderate eye irritation. Avoid contact with eyes, or clothing.
Optigard Ant Gel Bait	100-1260	thiamethoxam	Do not treat food preparation surfaces. In food handling areas, only crack and crevice treatments are allowed.
Terro Ant Killer II Liquid Ant Baits/Killer	149-8	sodium tetraborate decahydrate	Do not use in food handling areas.
Terro Outdoor Liquid Ant Bait Stakes		j	
Terro Outdoor Liquid Ant Baits Pre-Filled RTU			
Terro-PCO Liquid Ant Bait	149-8-64405		
Grant's Kills Ants Ant Control	1663-33	hydramethylnon	Keep out of reach of children, even after application.
Amdro Kills Ants Ant Killing Bait	1663-33-73342		
Phantom Termiticide- Insecticide	241-392	chlorfenapyr	Harmful if swallowed, inhaled or absorbed through skin. This product causes moderate eye irritation. DO NOT get in eyes, on skin, or on clothing. All handlers must wear chemical resistant gloves. For termite uses, eye protection and a mask may be needed; see the label for specific instructions. Do not apply this product around electrical equipment due to the possibility of shock hazard. Do not apply into heating and air conditioning vents. Do not treat classrooms while in use. Do not contaminate food, utensils, or handling surfaces.
Talstar Professional Insecticide	279-3206	bifenthrin	Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. All handlers must wear chemical resistant gloves when mixing/loading, and
Ortho Max Pro			perhaps, waterproof gloves when applying. See the label. When working in a non-ventilated space, a respirator and protective eyewear are
Lesco CrossCheck Plus Multi-Insecticide	279-3206-10404		required. Do not apply to any electrical equipment because of possible shock hazard. Do not allow spray to contact food, utensils, or handling
Promate Bifenthrin Termiticide/Insecticide	279-3206-5905		surfaces.
Speckoz Bifenthrin Termiticide/Insecticide	279-3206-72113		

Advion Cockroach Gel Bait	352-652	indoxacarb	Avoid contact with skin, eyes, or clothing. This product contains potential allergens. Do not use this product in or on electrical equipment where a possibility of shock hazard exists. In food handling areas, this product may only be applied as a crack and crevice treatment where you can be sure that food, utensils, and food handling surfaces won't become contaminated.
Advion Ant Gel	352-746, also found as 100- 1498	indoxacarb	Avoid contact with skin, eyes, or clothing. Do not use this product in or on electrical equipment where a possibility of shock hazard exists. In food handling areas, this product may only be applied as a crack and crevice treatment where you can be sure that food, utensils, and food handling surfaces won't become contaminated.
Safer Brand Wasp and Hornet Killer Safer Brand Flying Insect Killer	36488-47	d-limonene, pyrethrins, potassium salts of fatty acids	Avoid contact with skin or clothing. Contents under pressure. Do not sure near heat or open flame. Do not apply this product to conduits, motor housings, junction and switch boxes, electrical equipment, or any surface that may be damaged by water. When used indoors, leave the room after spraying and ventilate upon return.
Maxforce Professional Insect Control Roach Killer Bait Gel	432-1254	hydramethylnon	Harmful if swallowed or absorbed through skin. This product causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Do not apply bait to areas where food, utensils, or handling surfaces may become contaminated.
Maxforce FC Professional Insect Control Roach Killer Bait Gel Maxforce FC Select Professional Insect Control Roach Killer Bait Gel	432-1259	fipronil	Harmful if absorbed through skin. This product causes moderate eye irritation. Avoid contact with skin, eyes, and clothing. Do not use this product in or on electrical equipment where a possibility of shock hazard exists. In food handling areas, only crack and crevice treatments are allowed. Do not treat food preparation surfaces.
Maxforce FC Ant Killer Bait Gel Maxforce FC Professional Insect Control Ant Killer Bait Gel	432-1264	fipronil	May be harmful if swallowed. Avoid contact with skin and clothing. Keep exposed gel away from open foods and food contact surfaces. Do not use this product in or on electrical equipment where a possibility of shock hazard exists.

Tempo SC Ultra Insecticide	432-1363	beta-cyfluthrin	Avoid contact with eyes or clothing. Harmful in inhaled or absorbed through skin. This product causes moderate eye irritation. It is also extremely toxic to fish and highly toxic to bees. The label has very specific instructions about how to keep this pesticide out of water bodies. If you have to spray overhead, wear safety glasses, goggles, or face shield with a dust/mist respirator. Cover exposed food and/or food handling equipment or remove them from the area being treated. Do not apply to food handling surfaces. Allowed for use on buses.
Temprid SC Insecticide	432-1483	imidacloprid, beta-cyfluthrin	Harmful if swallowed or absorbed through skin. This product causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Gloves are required. Do not apply to furniture or upholstery where prolonged contact with humans will occur. Do not apply in food handling areas. Do not apply more than 5 gallons of diluted product indoors per applicator per day. When treating overhead areas, wear safety glasses, goggles, or face shield and a dust/mist respirator.
Delta Dust Insecticide	432-772	deltamethrin	May be harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. In living areas, make applications in such a manner as to avoid depositions on exposed surfaces or introducing the material into the air. Do not allow food, utensils, or processing surfaces to become contaminated.
Raid Wasp & Hornet Killer 33	4822-553	cypermethrin, prallethrin	Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Keep the product away from fire, sparks and heated surfaces. Do not expose the container to temperatures above 130° F. The best time of day to treat the nests of flying insects is in the evening or early morning. Wait at least 24 hours before removing the nest. Do not contaminate food or utensils.
Monterey Horticultural Oil	48813-1-54705	Mineral Oil	Avoid contact with eyes, skin, or clothing. Prolonged or repeated contact with skin may cause allergic reactions. All handlers must wear chemical resistant gloves. Harmful if absorbed through skin. Do not apply during drought. In school settings, this product is only allowed for ornamental plants, including interior courtyards and greenhouse plants.
Prescription Treatment Wasp Freeze Wasp & Hornet Killer	499-362	d-trans allethrin, d-phenothrin	Harmful if swallowed, inhaled, or if absorbed through the skin. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes, or clothing. This product is flammable, and its contents are under pressure. Keep away from heat, sparks and open flame. May cause staining of asphalt and shingles. For outdoor use only. The best time of day to treat nests is in the evening or early morning. Stand 6-15 away from elevated targets, not directly underneath.

MotherEarth D Pest Control Dust	499-509	diatomaceous earth (amorphous silica)	This product causes moderate eye irritation. Avoid contact with eyes or clothing. Use adequate ventilation and avoid breathing dust. For prolonged exposure to dust, use a suitable dust mask approved by NIOSH. In living areas, make applications in such a manner as to avoid deposits on exposed surfaces or introducing the material into the air. In food handling areas, only crack, crevice, and spot treatments are allowed.
MotherEarth Granular Scatter Bait	499-515	boric acid	Harmful if absorbed through skin. This product causes moderate eye irritation. Avoid contact with skin, eyes, and clothing. Applicators and handlers must wear chemical-resistant or waterproof gloves. Avoid contamination of food.
MotherEarth Wasp & Hornet Jet Spray	499-519	d-limonene	Harmful if swallowed, inhaled, or if absorbed through the skin. Avoid breathing vapor. Avoid contact with skin, eyes, or clothing. This product is flammable, and its contents are under pressure. Keep away from heat, sparks and open flame. Do not spray on plastic, including vinyl, or directly into any electronic equipment. May cause staining of asphalt and shingles. For outdoor use only. Do not contaminate food, utensils, or food handling surfaces. The best time of day to treat nests is in the evening or early morning. Stand 6-15 away from elevated targets, not directly underneath.
Orange Guard Share Corp Citracide Insecticide	61887-1 61887-1-11547	d-limonene	Avoid contact with eyes or clothing. This product causes moderate eye irritation. When using the product indoors, wait three minutes after spraying before wiping off any excess fluid.
Mosquito Dunks Biological Mosquito Control Summit B.t.i. Briquets Floating Sustained-Release Larvicide	6218-47	Bacillus thuringiensis subspecies israelensis	Avoid breathing dust. This product causes moderate eye irritation. Avoid contact with eyes or clothing.
Conserve SC Turf & Ornamental	62719-291	spinosad	To control insect pests on ornamental plants growing outside, or in greenhouses. Do not apply to edible plants. This product is toxic to bees for three hours after treatment. It is also toxic to aquatic animals. Follow specific label instructions to protect bees and streams.

EcoPCO WP-X Wettable	67425-25-655	pyrethrins, 2-	Harmful if swallowed or inhaled. This product causes moderate eye
Powder Insecticide		phenylethyl propionate, oil of thyme	irritation. Avoid breathing dust. Avoid contact with skin, eyes, or clothing. Carefully open the container by holding it near its base, avoid squeezing the container as this may cause contents to puff out. In food handling areas, only crack, crevice, and spot treatments are allowed. Exposed food should be covered or removed.
InTice Liquid Ant Bait	73079-7	sodium tetraborate decahydrate	Harmful if swallowed or absorbed through the skin. In food handling areas, only crack and crevice treatments are allowed. Any product remaining outside of cracks and crevices must be cleaned up and removed.
Gourmet Liquid Ant Bait	73766-2	disodium octaborate	Applicators and other handlers must wear chemical resistant or waterproof gloves. Keep out of reach of children. Do not contaminate
Revenge Pre-filled Liquid Ant Baits	73766-2-4	tetrahydrate (basically boric acid)	food.
Combat Liquid Ant Bait	73766-2-64240		
Bee Bopper II  ARI Wasp and Hornet Killer	7754-44	tetramethrin, d- phenothrin	Harmful if swallowed, absorbed through the skin, or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor or spray mist. Do not use in commercial areas where food is handled, stored, or served. The contents of this product are under pressure. Do not store near heat, sparks or open flame. Contains petroleum distillates.
Termidor SC	7969-210	fipronil	Harmful if swallowed, absorbed through skin or inhaled. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. All handlers must wear chemical-resistant gloves. When working in an unventilated space, protective eyewear and a respirator are required. Do not apply indoors except for wall voids.
Spectracide Wasp and Hornet Killer 3	9688-190-8845	prallethrin, lambda- cyhalothrin	Never use indoors. Do not apply near sewers, drains, or gutters where drainage might reach water bodies. Do not use in or on electrical equipment. Stand a safe distance from the nest, never underneath. Storage temperatures above 130° F may cause bursting.

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# Rodenticides

Product Name	EPA Reg.	Active	Read the label, use products only for labeled uses, and be
	No.	Ingredient(s)	aware of the following:
Generation Mini Blocks Hombre Mini Blocks	7173-218	difethialone	Harmful if swallowed or absorbed through skin. This product causes moderate eye irritation. Avoid contact with eyes, skin or clothing. People who handle the product and/or rodent carcasses must wear waterproof gloves. Outdoors, a tamper-resistant bait station is required if children, non-target mammals, or birds may access the bait. Even so, this bait can linger in poisoned rodents and accumulate in predator species. Be aware of a significant risk to wildlife and pets.

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# **Fungicides**

Product Name	EPA Reg.	Active	Read the label, use products only for labeled uses, and be
	No.	Ingredient(s)	aware of the following:
Monterey Horticultural Oil	48813-1-54705	Mineral Oil	Avoid contact with eyes, skin, or clothing. Prolonged or repeated contact with skin may cause allergic reactions. All handlers must wear chemical resistant gloves. Harmful if absorbed through skin. Do not apply during drought. In school settings, this product is only allowed for ornamental plants, including interior courtyards and greenhouse plants.

Oregon Revised Statutes (ORS) 634.700 – 634.750

ORS 634.705, Section 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; 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]

Pesticide products must be registered for sale and/or distribution in the state of Oregon each year. Current product registration is verified semi-annually using this search tool from the Oregon Department of Agriculture: <a href="http://oda.state.or.us/dbs/pest\_productsL2K/search.lasso">http://oda.state.or.us/dbs/pest\_productsL2K/search.lasso</a>.