

**APPENDIX G  
HERBICIDES, TRADE NAMES, AND TARGET SPECIES**

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Table G – 1 contains a list of herbicides, a partial list of trade names, and associated targeted species addressed in this analysis. Table G – 2 outlines a Quick Guide for Treatment Methods by Species (a more detailed treatment by species can be found in Appendix I). Table G – 3 provides a quick guide to herbicide properties.

All herbicides will be applied according to label specification and protection measures required by Forest Service policy as described in this analysis (see Appendix C). Impacts on soil and water will be mitigated to meet public land water laws, state pesticide application requirements, Northern Region Soil and Water Standards, and Custer Forest Plan Standards.

One feature of the proposed action is the flexibility to use updated agents as they are registered and approved by the EPA. See Appendix E.

**TABLE G – 1. EPA REGISTERED HERBICIDES AVAILABLE FOR CONTROL<sup>1</sup>**

Common Name	Partial List of Trade Names	Target Weed Species (general)
2,4-D*	Hi-Dep®, Weedar 64®, Weed RHAP®, Amine 4®, Aqua-Kleen (Amines)	Foliage applied. Selective. Some broadleaf, woody and aquatic plants susceptible. Thistles, sulfur cinquefoil, dyers woad, knapweeds, purple loosestrife, tall buttercup, whitetop
Aminopyralid	Milestone	Foliage applied. Selective. Many broadleaf weeds. Tolerated by most grasses. Perennial and biennial thistles, knapweeds, sulfur cinquefoil
Chlorsulfuron	Telar®	Foliage applied. Selective. Some broadleaf plants and grasses susceptible. Dyer's woad, thistles, common tansy, houndstongue, whitetop, tall buttercup, toadflax
Clopyralid	Stringer®, Curtail®, Transline®, Redeem®	Foliage applied. Selective. Many broadleaf and woody species susceptible. Thistles, yellow starthistle, hawkweeds, knapweeds, rush skeletonweed, oxeye daisy
Dicamba	Banvel®, Clarity®, others	Foliage applied. Selective. Some broadleaf plants, brush and vines susceptible. Houndstongue, yellow starthistle, common crupina, hawkweed, oxeye daisy, tall buttercup, blueweed, leafy spurge, tansy ragwort, knapweeds
Diuron	Diuron 4L	Applied pre- or post-emergence. Broad spectrum. Most annual and perennial broadleaf plants, grasses and some woody vegetation. Annual weeds and broadleaves for infrastructure maintenance needs such as right-of-ways
Glyphosate	Roundup®, Rodeo®, Accord®, Glyphomate®	Foliage applied. Nonselective. Most plants are susceptible. Broad spectrum for broadleaf plants and grasses. Purple loosestrife, field bindweed, yellow starthistle, thistles, cheatgrass, common crupina, toadflax
Hexazinone	Velpar®, Pronone 10G®	Broad spectrum control with some selectivity for conifers. Cheatgrass, oxeye daisy, yellow starthistle, thistles
Imazapic	Plateau®	Foliage applied. Selective. Some broadleaf plants and grasses susceptible. Cheatgrass, leafy spurge, toadflax
Imazapyr	Arsenal®, Chopper®	Applied pre- or post-emergence. Broad spectrum. Most annual and perennial broadleaf plants, grasses and woody vegetation. Dyers woad, field bindweed
Methsulfuron methyl	Escort, Ally	Applied pre- or post-emergence. Selective. Some broadleaf weeds and annual grasses. Houndstongue, thistle, sulfur cinquefoil, common crupina, dyers woad, purple loosestrife, common tansy, whitetop, blueweed
Picloram*	Tordon®, Grazon®, Pathway®	Foliage applied. Selective. Most annual and perennial broadleaf and woody plants are susceptible. Grasses are tolerant. Thistles, yellow starthistle, common crupina, hawkweeds, knapweeds, rush skeleton weed, common tansy, toadflax, leafy spurge
Sulfometuron methyl	Oust®	Applied pre- or post-emergence. Broad spectrum. Many annual and perennial grasses and broadleaf plants. Woody vegetation tolerant. Cheatgrass, whitetop, oxeye daisy, tansy ragwort, musk thistle
Triclopyr	Garlon®, Redeem®, Remedy®	Foliage applied. Selective. Woody plants, some broadleaf plants, and root-sprouting species are susceptible. Grasses are tolerant. Hawkweed, sulfur cinquefoil, purple loosestrife, knapweed, oxeye daisy, thistle

<sup>1</sup> EPA Registered Herbicides Available for Control under Proposed Action - Alternative 1 (Alternative 3 Proposes Using Only 2, 4-D, Picloram, Dicamba, and Glyphosate). Ammonium sulfate, an adjuvant, can also be effective as an herbicide on tall larkspur.

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**TABLE G – 3. QUICK GUIDE TO HERBICIDE PROPERTIES**

Product Name	Active Ingredient(s)	Restricted <sup>6</sup>	Signal <sup>7</sup>	Human Health Findings				Persist - ence	Mobility	Bird	Fish	Bee	Wild - life
				Cancer <sup>8</sup>	Repro <sup>9</sup>	Neuro <sup>10</sup>	Endo <sup>11</sup>						
Arsenal	imazapyr		Caution	Evidence of non-carcinogenicity				Mod	High				
Banvel	dicamba		Warning	Not Classifiable as a Carcinogen				Low	V High				
Confront	clopyralid; triclopyr		Danger	Not Likely to be carcinogenic (clopyralid) Not classified as a carcinogen (triclopyr)				Mod	V High				
Crossbow	triclopyr; 2,4-D		Caution	Not Classifiable as a Carcinogen			Prob	Low,- Mod	Low-Mod		Toxic		
Direx 4L	diuron		Caution	Known/Likely				Mod	Mod				
Envy2,4-D	2,4-D		Danger	Not Classifiable as a Carcinogen			Prob	Low	Low-Mod				
Escort	Metsulfuron methyl		Caution	Not Likely to be carcinogenic				Low - Mod	High				
Garlon 3A	Triclopyr (amine)		Danger	Not classified as a carcinogen				Mod	V High				
Garlon4	Triclopyr (ester)		Caution	Not classified as a carcinogen				Mod	Low		Toxic		
Karmex	diuron		Caution	Known/Likely				Mod	Mod				
Lontrel	clopyralid		Caution	Not Likely to be carcinogenic				Med	V High				
Low Vol 4D	2,4-D		Caution	Not Classifiable as a Carcinogen			Prob	Low	Low-Mod				
Milestone	aminopyralid		None	Not Likely to be carcinogenic									
Oust	sulfometuron methyl		Caution	Evidence of non-carcinogenicity				Low	Mod				
Pathfinder II	triclopyr		Caution	Not classified as a carcinogen				Mod	Low		Toxic		
Plateau	imazapic		Caution	Evidence of non-carcinogenicity				High	High				
Rodeo	glyphosate		Caution	Evidence of non-carcinogenicity				Mod	E Low				
Roundup (18% conc)	glyphosate		Caution	Evidence of non-carcinogenicity				Mod	E Low				
Roundup Pro	glyphosate		Caution	Evidence of non-carcinogenicity				Mod	E Low				
Scotts 30-5-5 wConfront	triclopyr; clopyralid		Warning	Not Likely to be carcinogenic (clopyralid) Not classified as a carcinogen (triclopyr)				Mod	V High				
Telar	Chlorsulfuron 75%		Caution	Evidence of non-carcinogenicity				Mod	High				
Topsite	imazapyr; diuron		Caution	Known/Likely (diuron)				Mod	High				
Tordon 22K	picloram	Restricted	Caution	Evidence of non-carcinogenicity				Mod	V High				
Transline	clopyralid		Caution	Not Likely to be carcinogenic				Mod	V High				
Vanquish	dicamba		Caution	Not Classifiable as a Carcinogen				Low	V High				
Velpar	hexazinone		Danger	Not Classifiable as a Carcinogen				Mod	V High				
Weedar 64	2,4-D		Danger	Not Classifiable as a Carcinogen			Prob	Low	Mod				

<sup>6</sup> **Restricted.** A Restricted Use Pesticide is a pesticide that is available for purchase and use only by certified pesticide applicators or persons under their direct supervision. This designation is assigned to a pesticide product because of its relatively high degree of potential human and/or environmental hazard even when used according to label directions.

<sup>7</sup> **Signal Word.** The herbicide label indicates the extent of toxicity by the signal word(s) it carries. The signal word on the label applies to the most serious method or route of exposure. For example, if a herbicide has an acute oral LD50 of 368 (which triggers the signal word "Warning") and an acute dermal LD50 of >2,000 (which triggers "Caution") and is severely and irreversibly corrosive to the eyes (which warrants "Danger"), then the label signal word is "Danger."

<sup>8</sup> The EPA evaluates carcinogenicity (cancer), neurotoxicity, reproductive, teratology (birth defects), and mutagenicity (gene mutation) study results of herbicide effects to animals during the herbicide registration and re-registration processes. The study data is used to make inferences relative to human health.

**Cancer column.** When assessing possible cancer risk posed by a pesticide, EPA considers how strongly carcinogenic the chemical is (its potency) and the potential for human exposure. The pesticides are evaluated not only to determine if they cause cancer in laboratory animals, but also as to their potential to cause human cancer. For any pesticide classified as a potential carcinogen, the risk would depend on the extent to which a person might be exposed (how much time and to what quantity of the pesticide). The factors considered include short-term studies, long-term cancer studies, mutagenicity studies, and structure activity concerns. (The term "weight-of-the-evidence" is used in referring to such a review. This means that the recommendation is not based on the results of one study, but on the results of all studies that are available.). Diuron is a likely or known carcinogen. However, the EPA's 2002 re-registration assessment of the human and environmental scientific data reinforces a number of regulatory decisions and expert reviews that conclude the use of diuron according to product instructions does not present an unacceptable risk to human health or the environment.

<sup>9</sup> **Reproductive column.** EPA Registration / re-registration studies for the herbicides addressed in this analysis did not indicate any reproductive issues.

<sup>10</sup> **Neurotoxicity column.** EPA Registration / re-registration studies for the herbicides addressed in this analysis did not indicate any neurotoxicity issues.

<sup>11</sup> **Endocrine disruption column.** EPA Registration / re-registration studies for the herbicides addressed in this analysis did not indicate any reproductive issues except for probable issues for 2, 4-D. Based on currently available toxicity data, which demonstrate effects on the thyroid and gonads in test animals following exposure to 2, 4-D, there is concern regarding its endocrine disruption potential. There have been no studies on 2, 4-D that specifically assess its endocrine disruption potential. The EPA determined that a repeat 2-generation reproduction study is required to address these concerns. However, the EPA's 2005 re-registration assessment of the human and environmental scientific data reinforces a number of regulatory decisions and expert reviews that conclude the use of 2, 4-D according to product instructions does not present an unacceptable risk to human health or the environment.

## The Low-Impact List from Oregon State University

- Do not apply pesticides to classrooms, athletic fields, or any other space while it is being used.
- 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.
- 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.

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<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. The list is a guide and not intended as a recommendation or endorsement of the pesticides listed within. Consult with your supplier, pest management professional, or Oregon Department of Agriculture prior to pesticide use. Always read the label and follow all directions before you apply any pesticides. ***The Label is the Law!***

*To request new products for the list*, to be evaluated by Kaci Buhl at Oregon State University, submit your request using this [form](#). Thanks for everything you do to protect people and property from pests and unnecessary pesticides. You are the coolest!

  
Adopted '18

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 Ingredient(s)	Read the label, use products only for labeled uses, and be aware of the following:
<b>Tenacity</b>	100-1267	mesotrione	This product is harmful if absorbed through skin. Prolonged or repeated skin exposure may cause allergic reactions. Avoid contact with skin, eyes, or clothing. All handlers must wear chemical-resistant gloves. Do not contaminate water. This product has a high potential for runoff for several weeks after application. Avoid application when rain is expected within 48 hours. Certain insecticides, when applied within 7 days of Tenacity, can cause turf injury.
<b>Refuge</b>	100-1362	glyphosate <i>Brand Spectrum</i>	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.
<b>Cornerstone Plus - Agrisolutions</b>	1381-192	glyphosate isopropylamine salt <i>cationic round up</i>	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.
<b>Drexel Simazine 4L</b>	19713-60	simazine <i>Non Selective</i>	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 contact with eyes, skin or clothing. All handlers must wear chemical-resistant gloves. Do not apply this product to sandy soils where the water table is close to the surface. This product is toxic to aquatic organisms. Do not mix this product within 50 feet of water bodies or wells. When used in agriculture, this product requires a re-entry interval of 12 hours. Consider applying that same standard in your school setting. Do not use on alkaline soils (pH above 7.8). Do not apply over the rooting zone of trees or ornamentals that are not listed on the label.

<b>Simazine</b>	19713-252	simazine <i>Non selective</i>	This product is labeled for use on 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 contact with eyes, skin or clothing. All handlers must wear chemical-resistant gloves. Do not apply this product to sandy soils where the water table is close to the surface. This product is toxic to aquatic organisms. Do not mix this product within 50 feet of water bodies or wells. When used in agriculture, this product requires a re-entry interval of 12 hours. Consider applying that same standard in your school setting. Do not use on alkaline soils (pH above 7.8). Do not apply over the rooting zone of trees or ornamentals that are not listed on the label.
<b>Drexel De-ester LV6</b>	19713-655	2,4-D, ethylhexyl ester	This product is moderately toxic to the eyes. Avoid contact with skin, eyes, or clothing. Prolonged or frequent repeated skin contact may cause allergic reactions. This product may be toxic to aquatic life, and it has properties associated with groundwater contamination. Application around a cistern or well may result in drinking water contamination. On ornamental turf, only two applications per year are allowed.
<b>Gordon's Agricultural Products Brushmaster Herbicide</b>	2217-774	2,4-D ethylhexyl ester, 2,4-DP, dicamba	The only school sites on the label (under “Recommended Noncropland sites”) are roadsides, fencerows, fence-lines, and areas adjacent to athletic fields. 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, damaging desirable plants.
<b>Gordon's Proform Professional Formulations Speed Zone Broadleaf Herbicide for Turf</b>	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.

<b><i>Gordon's ProForm Professional Formulations Speed Zone</i></b>	2217-835	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. 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.
<b><i>The Andersons Professional Turf Products Fertilizer with Surge 16-0-9</i></b>	2217-882-9198	2,4-D ethylhexyl ester	Avoid contact with skin, eyes, or clothing. All handlers, including mixer/loaders must wear chemical resistant gloves. This product is toxic to fish and other aquatic life. Application to sandy soils, particularly where the water table is shallow, could result in groundwater contamination. Do not apply to wetlands or shorelines.
<b><i>Gordon's ProForm Professional Formulations T Zone Broadleaf Herbicide</i></b>	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.
<b><i>Gordon's ProForm Professional Formulations Q4 Plus Turf Herbicide for Grassy &amp; Broadleaf Weeds</i></b>	2217-930	quinclorac, 2,4-D, dicamba, sulfentrazone	This product causes moderate eye irritation. All handlers must wear protective eyewear and chemical-resistant gloves. If you might be exposed to the concentrate (mixing, loading, etc.), you must wear a chemical-resistant apron. In agricultural settings, the label requires a restricted entry interval (REI) of 48 hours. Consider applying that same standard in your school setting. It may be toxic to fish and other aquatic life, and highly water-soluble. Groundwater could be contaminated if this product is applied where soils are permeable and the water table is shallow.
<b><i>T Zone SE</i></b>	2217-976	triclopyr butoxyethyl ester, sulfentrazone, 2,4-D	Prolonged or frequent exposure can cause allergic reactions. All handlers must wear chemical-resistant gloves. When handling the concentrate, a chemical-resistant apron is required. In agricultural settings, this product requires a re-entry interval of 24 hours. Consider applying that same standard in your school setting. This product is toxic to fish and other aquatic life, and it has properties associated with groundwater contamination. Use caution around cisterns or wells to prevent drinking water contamination.

<b>Razor Pro Herbicide</b>	228-366	glyphosate <i>Broad Spectrum</i>	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.
<b>Razor Herbicide</b> <b>Primera Razor Pro</b>			
<b>Lesco Momentum Q Herbicide</b>	228-531	2,4-D (diethylamine salt), quinclorac, dicamba	This product causes moderate eye irritation. Avoid contact with eyes or clothing. All handlers must wear chemical-resistant gloves, and they should be washed and removed (in that order) immediately after handling the product. In agricultural settings, the label requires a restricted entry interval (REI) of 48 hours. Consider applying that same standard in your school setting. It is toxic to fish and other aquatic life, and highly water soluble. Groundwater could be contaminated if this product is applied where soils are permeable and the water table is shallow.
<b>Qunincept Herbicide</b>			
<b>Nufarm Prosedge</b>	228-711	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, and groundwater flow has caused off-target plant damage. In fact, it's not allowed to be used on certain sandy/loam soil types with less than 2% organic matter.
<b>Plateau Herbicide</b>	241-365	imazapic, ammonium salt	Remember, "non-crop areas" do not include ornamental or turf sites. On school grounds, the only eligible locations would be fence rows and rights-of-way. Avoid breathing spray mist. 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.
<b>Pendulum AquaCap Herbicide</b>	241-416	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. It keeps weed seeds from germinating through the soil surface, but only after it is "activated" by rainfall or irrigation (about a half inch).
<b>Lesco Pre-M Aqua Cap Herbicide</b>	241-416-10404		
<b>Quicksilver T+O Herbicide</b>	279-3265	carfentrazone-ethyl	Avoid contact with eyes, skin, or clothing, and avoid breathing spray mist. This product causes moderate eye irritation and moderate 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.

<b>Makaze</b> <b>Mad Dog Plus</b> <b>Kleenup Pro</b> <b>Four Power Plus</b>	34704-890	glyphosate, isopropylamine salt <i>Arone Spectrum</i>	This product is harmful if absorbed through skin, and it causes moderate eye irritation. Applicators and other handlers must wear chemical resistant gloves. When used in agriculture, this product requires a re-entry interval of 4 hours. Consider applying that same standard in your school setting. 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 and industrial sites. These do not include ornamental beds, or locations where children have easy access.
<b>Casoron 4G</b>	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. <i>Casoron comes in paper bags that are known to rip easily.</i>
<b>Gly-Star Original</b> <b>Agristar</b>	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.
<b>Gly Star Plus, Gly Star Pro</b>  <b>Gordon's Farm Pronto</b> <b>Big N' Tuf, Gordon's Farm Pronto BigN'Tuf2</b> <b>Nonselective Herbicide</b>  <b>Hi-Yield Super Concentrate Kill-Zall II</b>	42750-61  42750-61-2217  42750-61-7401	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.
<b>Landmaster BW</b>	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.



<b>Specticle 20 WSP Herbicide</b>	432-1499	indaziflam	Do not open soluble packets; the envelop will dissolve in water. This product causes moderate eye irritation, and it's harmful if absorbed through the skin. Avoid contact with eyes, skin or clothing. All handlers must wear chemical-resistant gloves, and they should be washed and removed (in that order) immediately after handling the product. In agricultural settings, the product requires a re-entry interval of 12 hours. Consider applying that same standard in your school setting. It is toxic to fish and groundwater could be contaminated if this product is applied where soils are permeable and the water table is shallow.
<b>Esplande 200 SC</b>	432-1516	Indaziflam	This product is registered for use at educational facilities, but it's not allowed to be used on landscape ornamentals. It can be used on established turf (not newly seeded). Follow the directions for "Warm Season Turf Release." This product is harmful if inhaled or absorbed through skin. Avoid contact with skin, eyes, or clothing. Handlers must wear waterproof gloves. This product is toxic to aquatic life. Follow directions to avoid spray drift and runoff. Avoid applications when rainfall is expected within 48 hours.
<b>Specticle Flo Marengo</b>	432-1518 432-1518-59807	indaziflam	Keep out of children's reach. In agricultural settings, the label requires a restricted entry interval (REI) of 12 hours. Consider applying that same standard in your school setting. This product is toxic to fish and other aquatic life, and it is water-soluble. Do not apply within 25 feet of psurface water, including seasonal wetlands. Adjacent properties with perennial ryegrass could be significantly damaged by drift. Do not allow drift.
<b>Specticle G Marengo G</b>	432-1523 432-1523-59807	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 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.
<b>Esplanade EZ</b>	432-1528	diquat dibromide, indaziflam, <i>non selective</i> glyphosate isopropylamine salt	This product is not intended to be used on turf grass. This product is harmful if absorbed through skin, and it causes moderate eye irritation. It is also toxic to fish, and prone to groundwater contamination. To minimize risk, apply the product when rain is not expected for 24 hours.
<b>Aquamaster Herbicide Roundup Custom for Aquatic &amp; Terrestrial Uses</b>	524-343	glyphosate, isopropylamine salt	Do not mix, store, or apply this product in galvanized steel or unlined steel (except stainless steel) containers.

<b>Ranger PRO Herbicide</b>	524-517	glyphosate, isopropylamine salt	Avoid contact with eyes or clothing. Mix, store and apply spray solutions of this product using only stainless steel, fiberglass, plastic or plastic-lined steel containers. Otherwise, the gas mixture could flash or explode. In agricultural settings, this product requires a restricted entry interval of 4 hours. Consider applying that same standard to your school setting.
<b>RoundUp Pro Concentrate</b>	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.
<b>Quikpro Herbicide</b> <b>Roundup QuikPro Herbicide</b>	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.
<b>Roundup Promax Herbicide</b>	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.
<b>Barrage HF Low Volatile Herbicide</b>	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. 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."
<b>Payload Herbicide</b>	59639-120	flumioxazin	Remember, “non-crop areas” do not include ornamental or turf sites. On school grounds, the only eligible locations would be fence rows, bare ground parking areas, and rights-of-way. This product causes moderate eye irritation, and it can be harmful if inhaled or absorbed through skin. This product is toxic to aquatic organisms and plants.

<b>Broadstar Herbicide</b>	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.
<b>Envoy Plus Herbicide</b> <b>Select Max Herbicide with Inside Technology</b> <b>Select Max Herbicide</b>	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.
<b>Gallery 75 Dry Flowable Herbicide</b>	62719-145	isoxaben	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 lawful criteria (not a 'likely' human carcinogen), but it's close. Take steps to minimize potential exposure.
<b>Snapshot 2.5 TG, Snapshot DG</b>	62719-175	trifluralin, isoxaben	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.
<p><b>Crossbow</b> 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 <b>not</b> registered to be used in school-type settings. (EPA Registration numbers beginning with 62719-260)</p>			
<b>Rodeo</b> <b>Accord Concentrate</b> <b>Aquapro Herbicide</b>	62719-324  62719-324-67690	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 steel (except stainless steel) containers.
<b>Dimension Ultra 40 WP</b>	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.

<b>Milestone</b>	62719-519	aminopyralid, triisopropylamine salt	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.
<b>Gallery SC Specialty Herbicide</b>	62719-658	isoxaben	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 lawful criteria (not a 'likely' human carcinogen), but it's close. Take steps to minimize potential exposure.
<b>Glyphogan Plus Herbicide</b>  <b>Quali-Pro Glyphosate Plus</b>	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.
<b>Fiesta Turf Weed Killer</b>	67702-26-87865	iron HEDTA	Avoid contact with eyes. Prolonged or frequent contact may cause allergic reactions. To avoid staining of shoes or clothing, wait until treated areas dry before re-entering. Rinse any desirable structures if they are accidentally contacted.
<b>Bayer Advanced Natria Grass &amp; Weed Killer RTU/Organic Gardening</b>	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.
<b>Dimension 270-G Turf &amp; Landscape Ornamental</b>	7001-375	dithiopyr	Avoid contact with eyes or clothing. When used in agriculture, this product requires a re-entry interval of 12 hours. Consider applying that same standard to your school setting. This product is toxic to fish and other aquatic organisms. Do not use clippings from treated turf for mulching around vegetables or fruit trees. Do not allow domestic animals to feed or forage on treated turf or clippings.
<b>Poa Constrictor</b>	70506-107	ethofumesate	All handlers must wear chemical-resistant gloves. Prolonged or repeated skin exposure may cause allergic reactions. When used in agricultural settings, there is a re-entry interval of 12 hours. Consider applying that same standard to your school setting. This product is toxic to fish; do not contaminate water bodies.

<b>SureGuard SC Herbicide</b>	71368-114	flumioxazin	This product is harmful if inhaled or absorbed through the skin. It causes moderate eye irritation. Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. All handlers must wear chemical-resistant gloves. This product is toxic to aquatic life and non-target plants. Do not allow the product to come in contact with any oxidizing agent, or a hazardous reaction may occur. In agricultural settings, this product requires a re-entry interval of 12 hours. Consider applying that same standard to your school setting.
<b>Image Herbicide Year-Long Vegetation Killer</b>  <b>Image Herbicide from Lilly Miller Casoron Granules</b>  <b>Image Herbicide from Lilly Miller Noxall Granules</b>	802-536-73342	dichlobenil	Harmful if absorbed through skin or inhaled. Avoid breathing dust. Do not allow people or pets to enter the treated area until granules are thoroughly watered in and the treated soil has dried. Application to sandy soils, particularly where the water table is shallow, could result in groundwater contamination.
<b>Sedgehammer Turf Herbicide</b>	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.
<b>Sedgehammer &amp; Turf Herbicide</b>	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.
<b>Moss Melt Concentrate</b>	82052-1-91094	d-Limonene	This product is combustible. All handlers must wear eye protection. This product is harmful if absorbed through skin. In agricultural settings, people are not allowed to re-enter treated areas for four hours. Consider applying that same standard in your school setting.
<b>Avenger AG Burndown Herbicide</b>	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.
<b>Worry Free Moss &amp; Algae Control</b>	82052-6-33116	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.

Ornamental & turf sites are NOT included in the definition of “non-crop areas.”

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<p><b>EZ-Ject Diamondback Herbicide Shells</b></p>	<p>83220-1</p>	<p>glyphosate <i>non selective</i></p>	<p>Remember, “non-crop areas” do not include ornamental or turf sites. On school grounds, the only eligible locations would be fence rows and rights-of-way. 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.</p>
<p><b>Dicamba Max 4</b></p>	<p>83222-14</p>	<p>dicamba, dimethylamine salt</p>	<p>This product causes substantial eye injury. Do not get in eyes, on skin, or on clothing. Avoid breathing spray mist. All handlers must wear goggles or face shield and chemical resistant gloves. In agricultural settings, this product requires a re-entry interval of 24 hours. Consider applying that same standard in your school setting. Avoid mowing for 7 days after the application. This chemical is known to leach through the soil into groundwater, particularly where soils are permeable and the water table is shallow. Nearby plants may be damaged, including trees, beans, cotton, flowers, grapes, and other crop plants. Follow the label carefully.</p>
<p><b>The Andersons Professional Turf Products Dimension 0.25g With Agpro</b></p>	<p>9198-213</p>	<p>dithiopyr</p>	<p>Avoid contact with eyes or clothing. Avoid breathing dust. This product contains potential allergens. It may also damage some species of turf grass.</p>

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. **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.** If there is no EPA Registration Number, match the product name **and** the manufacturer/distributor name when comparing the list to products on the shelf. This table is sorted by EPA Registration number (lowest to highest).

**Insecticides**

<b>Product Name</b>	<b>EPA Reg. No.</b>	<b>Active Ingredient(s)</b>	<b>Read the label, use products only for labeled uses, and be aware of the following:</b>
<i>EcoEXEMPT G Granular Insecticide from Envincio/Prentiss LLC</i>	None - 25(b)	eugenol (clove oil), thyme oil (other: wintergreen oil, corn cob)	Avoid contact with eyes.
<i>Essentria IC-3 Insecticide Concentrate from Envincio/Prentiss LLC</i>	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.
<i>EcoExempt D</i>	None - 25(b)	2-phenethyl propionate, eugenol (clove oil) (other: calcium silicate, sodium bicarbonate, calcium carbonate, soybean oil, wintergreen oil)	Avoid contact with eyes.
<i>NatureLine NGB Professional Grade Insecticidal Concentrate</i>	None - 25(b)	sodium chloride (salt)	This product may be toxic to fish, and it is toxic to all plants. Do not store near heat or open flame. According to the label, this product is only available to licensed pest control operators.

<b>NatureLine Plus Professional Grade Botanical Insecticide</b>	None - 25(b)	clove oil, lemongrass oil, rosemary oil, cinnamon oil	This product may cause irritation of the eyes, skin, and respiratory tract. Avoid contact and inhalation of mist. Chemical-resistant gloves and a respirator are recommended when handling this product. According to the label, this product is only available to licensed pest control operators.
<b>NatureLine PRO Power Residual Oil</b>	None - 25(b)	clove oil, lemongrass oil, rosemary oil, cinnamon oil	This product may cause irritation of the eyes, skin, and respiratory tract. Avoid contact and inhalation of mist. Chemical-resistant gloves and a respirator are recommended when handling this product. According to the label, this product is only available to licensed pest control operators. Do not store near heat or open flame.
<b>WHY Spray for Wasp, Hornet, &amp; Yellow jacket Nests from Rescue</b>	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.
<b>Demand CS Patrol</b>	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 electrical equipment due to the possibility of shock hazard. Take extreme care to ensure the product is not introduced into the air. Avoid 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.
<b>Speckoz Border Insecticide</b>	100-1066-72113		
<b>Grenade ER Insecticide</b>	100-1066-773		
<b>Demand G Insecticide</b>	100-1240	lambda-cyhalothrin	This product causes moderate eye irritation. Avoid contact with eyes, or clothing.
<b>Optigard Ant Gel Bait</b>	100-1260	thiamethoxam	Do not treat food preparation surfaces. In food handling areas, only crack and crevice treatments are allowed.
<b>Optiguard Flex</b>	100-1306	thiamethoxam	This product is not sufficient alone to control subterranean termites. It is harmful if inhaled or absorbed through skin. Do not breathe vapor or spray mist. Chemical-resistant gloves are required for applicators, at least 14 mils thick. This product is highly toxic to bees exposed to residues on blooming plants or weeds. It is also toxic to wildlife and aquatic life. Do not contaminate water when cleaning equipment or disposing of equipment wash water. Do not use, pour, spill or store near heat or open flame.



<b>Acelepryn</b>	100-1489	chlorantraniliprole	This product is toxic to aquatic organisms, and it's prone to runoff. It can be helpful to maintain a level vegetative buffer strip between application areas and water bodies. In agricultural settings, the product label requires a re-entry interval of 4 hours. Consider applying that same standard in your school setting.
<b>Acelepryn G</b>	100-1500	chlorantraniliprole	This product is toxic to aquatic organisms, and it's prone to runoff. It can be helpful to maintain a level vegetative buffer strip between application areas and water bodies. In agricultural settings, the product label requires a re-entry interval of 4 hours. Consider applying that same standard in your school setting.
<b>Share Corp Wasp &amp; Hornet Killer</b>	10088-91-11547	tetramethrin, permethrin, piperonyl butoxide	This product causes moderate eye irritation. Contents under pressure. This product is toxic to fish and other aquatic life. Stay a safe distance away from nests when spraying, and do not contaminate food or food-handling equipment. Avoid spraying plants.
<b>Anvil 10+10 ULV</b>	1021-1688-8329	phenothrin, piperonyl butoxide	This product is harmful if absorbed through skin. Avoid contact with skin, eyes and clothing. All handlers must wear chemical-resistant gloves except applicators using motorized ground equipment and pilots. Pilots must use an enclosed cockpit that meets requirements under the Worker Protection Standard (40 CFR 170.240(d)(6)). This product is toxic to aquatic organisms. Do not apply over bodies of water, except when weather conditions will facilitate movement of applied material away from the water. This product is also highly toxic to bees.
<b>Onslaught FastCap Spider &amp; Scorpion Insecticide</b>	1021-2574	esfenvalerate, prallethrin, piperonyl butoxide	This product causes moderate eye irritation. Wear protective eyewear. Do not use this product in or on electrical equipment due to the possibility of shock hazard. This product is toxic to fish and other aquatic life. Do not discharge this product or equipment rinsate into water bodies without a permit (NPDES). If swallowed, do not induce vomiting. Do not repeat applications within 14 days of one another.
<b>Terro Ant Killer II Liquid Ant Baits/Killer</b>  <b>Terro Outdoor Liquid Ant Bait Stakes</b>  <b>Terro Outdoor Liquid Ant Baits Pre-Filled RTU</b>  <b>Terro-PCO Liquid Ant Bait</b>	149-8       149-8-64405	sodium tetraborate decahydrate	Do not use in food handling areas.

<b>Grant's Kills Ants Ant Control</b>	1663-33	hydramethylnon	Keep out of reach of children, even after application.
<b>Amdro Kills Ants Ant Killing Bait</b>	1663-33-73342		
<b>Down and Out</b>	1769-370	tetramethrin, permethrin, piperonyl butoxide	This product causes moderate eye irritation. Contents under pressure. Chemical-resistant gloves are required for all handlers. This product is flammable, and extremely toxic to fish. Prolonged or frequent exposure could cause allergic reactions. Stay a safe distance away from nests when spraying, and do not contaminate food or food-handling equipment. Avoid spraying plants.
<b>Sting-X</b>	1769-370-66114		
<b>Azatrol EC Insecticide</b>	2217-836	azadirachtin	Avoid breathing vapor. Harmful if absorbed through skin, inhaled, and by eye contact. Applicators and handlers must wear waterproof gloves. Some individuals may be, or become allergic to this product.
<b>Phantom Termiticide-Insecticide</b>	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.
<b>Talstar Professional Insecticide</b>	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 perhaps, waterproof gloves when applying. See the label. When working in a non-ventilated space, a respirator and protective eyewear are required. Do not apply to any electrical equipment because of possible shock hazard. Do not allow spray to contact food, utensils, or handling surfaces.
<b>Ortho Max Pro</b>			
<b>Lesco CrossCheck Plus Multi-Insecticide</b>	279-3206-10404		
<b>CB-80</b>	279-3393	pyrethrins, piperonyl butoxide	This product causes moderate eye irritation, and it's harmful if absorbed through skin. It's also harmful if inhaled; take care to avoid breathing in dust or mist. This product is also toxic to bees and aquatic life. If a high-pressure wand or hand-held fogger is used in an enclosed area, the applicator must wear a half-face, full-face, or hood-style respirator with organic vapor cartridge and a particulate filter (N, R, P or HE). The contents of this product are under pressure, and they are flammable. In order to follow the label, you will need to calculate the number of cubic feet in each space you plan to treat.

<b><i>Advion Cockroach Gel Bait</i></b>	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.
<b><i>Advion Ant Gel</i></b>	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.
<b><i>Arilon Insecticide</i></b>	352-776	indoxacarb	This product causes moderate eye irritation, and it's harmful if absorbed through skin. Waterproof gloves are required for handlers. It's also harmful if inhaled; take care to avoid breathing in dust or mist. This product is also toxic to aquatic life. When making applications in food-handling areas (including receiving areas), apply only to cracks and crevices using equipment designed to deliver a pin stream. Do not apply to areas that are routinely washed such as cracks and crevices on table tops.
<b><i>Safer Brand Wasp and Hornet Killer</i></b>  <b><i>Safer Brand Flying Insect Killer</i></b>	36488-47	d-limonene, pyrethrins, potassium salts of fatty acids	Avoid contact with skin or clothing. Contents under pressure. Do not use 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.
<b><i>Maxforce Professional Insect Control Roach Killer Bait Gel</i></b>	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.
<b><i>Maxforce FC Professional Insect Control Roach Killer Bait Gel</i></b>  <b><i>Maxforce FC Select Professional Insect Control Roach Killer Bait Gel</i></b>	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.

<b>Maxforce FC Ant Killer Bait Gel Maxforce FC Professional Insect Control Ant Killer Bait Gel</b>	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.
<b>Merit 75 WSP Insecticide</b>	432-1318	imidacloprid	Water-soluble packets provide a nearly closed system. This product is highly toxic to bees, and it not allowed for use on linden trees, basswood trees, or any Tilia species. Avoid breathing dust or vapor, and avoid contact with skin, eyes, or clothing. This product is harmful if absorbed through skin. Applicators and handlers must generally wear gloves. This product is highly toxic to bees and aquatic invertebrates. Groundwater may be contaminated if applications are made where the soil is permeable, particularly where the water table is shallow.
<b>Tempo SC Ultra Insecticide</b>	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.
<b>Tempo 1% Dust Insecticide Ready to use</b>	432-1373	cyfluthrin	This product causes moderate eye irritation, and it can be harmful if inhaled or absorbed through skin. This product is toxic to fish. In food-handling establishments, this product is permitted in non-food-handling areas only, and it can only be used as a void or crack/crevice treatment. It is not allowed in the food-handling areas.
<b>Temprid SC Insecticide</b>	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.

<b><i>Delta Dust Insecticide</i></b>	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.
<b><i>Drione Insecticide</i></b>	432-992	pyrethrins, piperonyl butoxide, silica gel	This product causes moderate eye irritation, and it can be harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. All handlers must wear chemical-resistant gloves. Do not allow anyone to enter treated areas until dusts have settled.
<b><i>Raid Wasp &amp; Hornet Killer 33</i></b>	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.
<b><i>Monterey Horticultural Oil</i></b>	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.
<b><i>PT 545 Plus XLO Pressurized Contact Insecticide, Prescription Treatment 565 Plus XLO Formula 2</i></b>	499-290	pyrethrins, piperonyl butoxide, n-octyl bicycloheptene dicarboximide	For prolonged exposure to spray mist, avoid unpleasant drying of the nose and throat by wearing a respirator with an organic vapor cartridge. See the label for more details. This product may be used on bedding, upholstered furniture, and carpeting.
<b><i>Prescription Treatment Wasp Freeze Wasp &amp; Hornet Killer</i></b>	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 feet away from elevated targets, not directly underneath.
<b><i>MotherEarth D Pest Control Dust</i></b>	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.

<b>ULD BP-100 Contact Insecticide II</b>	499-514	pyrethrins, piperonyl butoxide	This product is harmful if absorbed through skin, and it causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Applicators must wear chemical-resistant gloves. Some individuals may be, or may become allergic to this material. This product is highly toxic to aquatic life; do not allow it to run off into storm drains, ditches, or surface water. This product is highly toxic to bees; do not apply near blooming plants. Do not use or store this product near open flame or electrical equipment.
<b>MotherEarth Granular Scatter Bait</b>	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.
<b>Alpine D Dust Insecticide, Prescription Treatment Brand Alpine Dust</b>	499-527	dinotefuran, diatomaceous earth	This product causes moderate eye irritation. Applications in food handling areas are limited to crack & crevice, void or spot treatment only. Do not apply to bedding of any kind.
<b>PT Wasp-Freeze II</b>	499-550	prallethrin	This product causes moderate eye irritation. If swallowed, do not induce vomiting. Do not apply this product or allow it to drift on blooming plants in order to protect bees. This product is toxic to fish, as well. This product is not for our door use, except attics and crawl spaces. Do not stand directly underneath treatment areas.
<b>Cyzmic CS</b>	53883-261	lambda-cyhalothrin	This product is harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. It is also extremely toxic to aquatic life. Take care to avoid household pets, particularly fish and reptile pets. This product is also highly toxic to bees, even when they visit blooming plants with residues of this product. Do not use this product in or on electrical equipment.
<b>Taurus SC</b>	53883-279	fipronil	This product cannot be used indoors except as directed, mostly in wall voids and crawlspaces. It is harmful if inhaled or absorbed through skin. Do not breathe spray mist. Applicators must wear waterproof gloves at least 14 mils thick. When working in a crawlspace or other non-ventilated area, a respirator and protective eyewear are required. This product is toxic to birds and fish. Care must be taken to avoid runoff. The applicator is required to check for any signs of leaks into the occupied areas of the structure and clean up those leaks before allowing anyone to enter.
<b>Orange Guard</b>	61887-1	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.

<b>Mosquito Dunks Biological Mosquito Control</b>  <b>Summit B.t.i. Briquets Floating Sustained-Release Larvicide</b>	6218-47	<i>Bacillus thuringiensis</i> subspecies <i>israelensis</i>	Avoid breathing dust. This product causes moderate eye irritation. Avoid contact with eyes or clothing.
<b>Conserve SC Turf &amp; Ornamental</b>	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.
<b>Revenge Granular Ant Bait</b> <b>NiBan Granular Bait</b>  <b>Terro Multi-Purpose Insect Bait</b>  <b>Garden Safe Brand Ant &amp; Roach Killer</b>	64405-2  64405-2-149  64405-2-39609	boric acid	This product causes moderate eye irritation, and it can be harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Do not contaminate this product with other pesticides. Do not contaminate food.
<b>EcoPCO WP-X Wettable Powder Insecticide</b>	67425-25-655	pyrethrins, 2-phenylethyl propionate, oil of thyme	Harmful if swallowed or inhaled. This product causes moderate eye 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.
<b>Boractin Insecticide Powder</b>	73079-4	boric acid	This product causes moderate eye irritation. Avoid contact with eyes or clothing. Avoid breathing dust. In food handling areas, only crack & crevice treatments are allowed.
<b>InTice Liquid Ant Bait</b>	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.
<b>InTice Gelamino Ant Bait</b>	73079-8	sodium tetraborate decahydrate	Harmful if swallowed. 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.

<b>Gourmet Liquid Ant Bait</b>	73766-2	disodium octaborate tetrahydrate (basically boric acid)	Applicators and other handlers must wear chemical resistant or waterproof gloves. Keep out of reach of children. Do not contaminate food.
<b>Revenge Pre-Filled Liquid Ant Baits</b>	73766-2-4		
<b>Combat Liquid Ant Bait</b>	73766-2-64240		
<b>Bee Bopper II</b>	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.
<b>ARI Wasp and Hornet Killer</b>			
<b>Termidor SC</b>	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.
<b>TriStar 8.5 SL Insecticide</b>	8033-106-1001	acetamiprid	This product is harmful if absorbed through the skin or inhaled. Avoid contact with eyes, skin and clothing, and avoid breathing vapors or spray mist. All handlers must wear chemical-resistant gloves. This product is highly toxic to bees. Do not apply this product when bees are visiting the area. In agricultural settings, the label requires a restricted entry interval (REI) of 12 hours. Consider applying that same standard in your school setting. Linden and Basswood trees are highly attractive to bees, and they have some inherent toxicity to bees. Consider choosing a non-neonicotinoid insecticide for trees in this family (Tilia species).
<b>AzaSol</b>	81899-4-74578	azadirachtin	This product is harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. It is also toxic to fish and aquatic life. In agricultural settings, a re-entry interval of four hours is required. Consider applying that same standard in your school setting. This product may be applied (as labeled) to any food crop, including the day of harvest.
<b>Rescue! WHY Attractant</b>	84565-3-49407	heptyl butyrate, acetic acid, 2-methyl-1-butanol	This product causes moderate eye irritation. Do not allow contact with your clothing because wasps, hornets, and/or yellow jackets may become attracted to you. Outdoor use only.
<b>Rescue Yellowjacket Attractant Cartridge</b>	84565-5-49407	heptyl butyrate	This product causes moderate eye irritation. Do not allow contact with your clothing because wasps, hornets, and/or yellow jackets may become attracted to you. Outdoor use only.



## Ornamental &amp; turf sites are NOT included in the definition of “non-crop areas.”

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<b><i>Andersons Professional Turf Products 8% Granular Insecticide With Carbaryl</i></b>	9198-146	carbaryl	This product is harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with skin, eyes or clothing. This product is extremely toxic to aquatic life; do not apply near water bodies.
<b><i>22-0-7 Fertilizer with Acelepryn Insecticide</i></b>	9198-247	chlorantraniliprole	This product causes moderate eye irritation. Avoid contact with eyes or clothing. This product is toxic to some aquatic life; do not contaminate water. In agricultural settings, there is a required re-entry interval of 4 hours. Consider applying the same standard in your school setting.
<b><i>Spectracide Wasp &amp; Hornet Killer 4</i></b>	9688-141-8845	permethrin, tetramethrin, piperonyl butoxide	This product causes moderate eye irritation. Avoid contact with eyes or clothing. This product is also extremely toxic to aquatic life and bees. Do not contaminate water or blooming plants. Keep away from heat and flame(s). Never use indoors. Never allow the product to reach a drain, during or after application.
<b><i>Spectracide Wasp and Hornet Killer 3</i></b>	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.

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.**

**Molluscicides**

<b>Product Name</b>	<b>EPA Reg. No.</b>	<b>Active Ingredient(s)</b>	<b>Read the label, use products only for labeled uses, and be aware of the following:</b>
<i>Sluggo</i>	67702-3-54705	iron phosphate	This product causes moderate eye irritation. Avoid contact with eyes or clothing. Keep out of children's reach, before and after the application. Sweep any granules off driveways and sidewalks, back into treatment areas to avoid excess runoff.

**Fungicides**

<b>Product Name</b>	<b>EPA Reg. No.</b>	<b>Active Ingredient(s)</b>	<b>Read the label, use products only for labeled uses, and be aware of the following:</b>
<i>Headway</i> <i>(not Highway)</i>	100-1216	azoxystrobin, propiconazole	This product causes moderate eye irritation. All handlers must wear chemical-resistant gloves. In agricultural settings, the label requires a restricted entry interval (REI) of 24 hours. Consider applying that same standard in your school setting. Do not allow any of this product to come in contact with apple trees. It is toxic to fish and other aquatic life, and highly water-soluble. Groundwater could be contaminated if this product is applied where soils are permeable and the water table is shallow.
<i>Monterey Horticultural Oil</i>	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.

<b>Rodenticides</b>
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<b>Product Name</b>	<b>EPA Reg. No.</b>	<b>Active Ingredient(s)</b>	<b>Read the label, use products only for labeled uses, and be aware of the following:</b>
<b><i>Amdro Mole &amp; Gopher Bait</i></b>	12455-30-73342	zinc phosphide	This product is harmful if inhaled, and it causes moderate eye irritation. All handlers must wear gloves, including handlers of retrieved carcasses or unused bait. This product is extremely toxic to fish and birds. It may only be applied underground, according to very specific label directions.
<b><i>Fastrac All-Weather Blox</i></b>	12455-95	bromethalin	Any person who handles bait or retrieves carcasses must use gloves. This product is harmful if swallowed, and it's extremely toxic to mammals, birds, and fish. Tamper-resistant bait stations are required for certain locations; read the label. Protect bait from rain or snow.
<b><i>Rampage All-Weather Bait Chunx</i></b>	12455-95-3240		
<b><i>Tomcat Rat Killer II</i></b>	12455-140	bromethalin	Any person who handles bait or retrieves carcasses must use gloves. This product is harmful if swallowed, and it's extremely toxic to mammals, birds, and fish. Tamper-resistant bait stations are required for certain locations; read the label.
<b><i>Generation Mini Blocks</i></b> <b><i>Hombre Mini Blocks</i></b>	7173-218	difethialone	This product poses a significant risk to wildlife and pets that may eat sickened rodents. Be sure to employ other options, such as trapping, before using this product. This product may only be used in and around (within 100 feet) of man-made structures to control Norway rats, roof rats, and house mice. For all outdoor uses, bait stations are mandatory. If applied indoors where children pets, non-target mammals, or bids could gain access, tamper-resistant bait stations are required. Harmful if swallowed or absorbed through skin. This product causes moderate eye irritation. People who handle the product and/or rodent carcasses must wear waterproof gloves.
<b><i>Kaput Mouse Blocks</i></b>	72500-7	warfarin	All handlers must wear gloves, including handlers of retrieved carcasses or unused bait. This product is extremely toxic to mammals and birds. It may only be applied in places inaccessible to children, pets, domestic pets, and non-target wildlife, Orin tamper-resistant bait stations. Bait stations are mandatory for outdoor, above-ground use.

<p><b>Brigand SB Soft Bait Rodenticide</b></p>	<p>87235-1</p>	<p>bromadiolone</p>	<p>This product poses a significant risk to wildlife and pets that may eat sickened rodents. Be sure to employ other options, such as trapping, before using this product. This product may only be used in and around (within 100 feet) of man-made structures to control Norway rats, roof rats, and house mice. For all outdoor uses, bait stations are mandatory. If applied indoors where children pets, non-target mammals, or birds could gain access, tamper-resistant bait stations are required.</p>
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<sup>i</sup> Oregon Revised Statutes (ORS) 634.700 – 634.750

<sup>ii</sup> 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]

<sup>iii</sup> 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: [http://oda.state.or.us/dbs/pest\\_productsL2K/search.lasso](http://oda.state.or.us/dbs/pest_productsL2K/search.lasso).