

"Low-Impact Pesticides List"

Oregon law requires pesticide applicators to use only low-impact pesticide products in and around schools. ORS 634.705 (5) explains that a **governing body shall adopt a list of low-impact pesticides for use with their IPM plan** and explains which products may not be included on the list they adopt.

This is NOT a list of products that the OSU School IPM Program recommends. It is a list of products based solely on the requirements of ORS 634.705 (5), which were evaluated at the request of school IPM plan coordinators.

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

The pesticide label is the law. Review the entire label to ensure that it can be used as desired (correct use site, application method, etc.). "Non-crop areas" do NOT include ornamental sites, turf, or sports fields. For assistance with label interpretation, contact the [Oregon Department of Agriculture Pesticides Program](#).

The products listed in this "Low-Impact Pesticide List" were evaluated in November 2024 to determine whether they met the requirements of ORS 634.705 (5) for use in and around Oregon schools, following this [ODA Guidance Document](#).

Pesticide products must be registered for sale and/or distribution in the state of Oregon each year. Current product registration can be verified using this [ODA Search Tool](#).

This list is a tool, provided free-of-charge, but it is not a substitute for the ODA Guidance Document and ODA Search Tool identified above. If you are unsure whether a product you are considering using is still registered for use in the state of Oregon and still meets the requirements of ORS 634.705 (5), please contact the [Oregon Department of Agriculture Pesticides Program](#).

Every effort has been made to provide accurate and current information. Nevertheless, updates to product information or inadvertent errors in information may occur, product registration and labeling may change, and products may no longer meet the requirements of the law. **You accept all responsibility for information updates or errors, changes in products, and compliance with laws.** To the maximum extent permitted by law, OSU disclaims all warranties, including without limitation, any implied warranties of merchantability, fitness for a particular purpose, accuracy, and non-infringement. Before using any specific product on this list, you should always follow the [ODA Guidance Document](#), and check to see if it is currently 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 RegistrationNumber, match the product name **and** the manufacturer/distributor name when comparing the list to products on the shelf.

Herbicides		
Active Ingredient(s)	Product Name	EPA Reg. No.
2,4-D (diethylamine salt), quinclorac, dicamba	<i>Lesco Momentum Q Herbicide</i>	228-531
2,4-D (diethylamine salt), quinclorac, dicamba	<i>Qunincept Herbicide</i>	228-531
2,4-D ester	<i>Barrage HF Low Volatile Herbicide</i>	5905-529
2,4-D ethylhexyl ester	<i>The Andersons Professional Turf Products Fertilizer with Surge 16-0-9</i>	2217-882-9198
2,4-D ethylhexyl ester, 2,4-DP, dicamba	<i>Gordon's Agricultural Products Brushmaster Herbicide</i>	2217-774
2,4-D ethylhexyl ester, mecoprop-p, dicamba, carfentrazone ethyl	<i>Gordon's Proform Professional Formulations Speed Zone Broadleaf Herbicide for Turf</i>	2217-833
2,4-D ethylhexyl ester, mecoprop-p, dicamba, carfentrazone-ethyl	<i>Gordon's Proform Professional Formulations Speed Zone</i>	2217-835
2,4-D, ethylhexyl ester	<i>Drexel De-ester LV6</i>	19713-655
2,4-D, isopropylamine salt, and glyphosate, isopropylamine salt	<i>Landmaster BW</i>	42750-62
2,4-D, mecoprop, dicamba	<i>Lilly Miller Ultra Green Phosphorus Free Weed & Feed</i>	2217-559-33116
carfentrazone-ethyl	<i>Quicksilver T+O Herbicide</i>	279-3265
clethodim	<i>Envoy Plus Herbicide</i>	59639-132
clethodim	<i>Select Max Herbicide</i>	59639-132
clethodim	<i>Select Max Herbicide with Inside Technology</i>	59639-132
dicamba, 2,4-D (2- ethylhexyl ester), sulfentrazone, and triclopyr, butoxyethyl ester	<i>Gordon's ProForm Professional Formulations T Zone Broadleaf Herbicide</i>	2217-920
dichlobenil	<i>Casoron 4G</i>	400-168
dichlobenil	<i>Casoron 4G</i>	400-168-59807
diquat dibromide, indaziflam, glyphosate isopropylamine salt	<i>Esplanade EZ</i>	432-1528
dithiopyr	<i>Dimension 270-G Turf & Landscape Ornamental</i>	7001-375
dithiopyr	<i>The Andersons Professional Turf Products Dimension 0.25g With Agpro</i>	9198-213
d-Limonene	<i>Moss Melt Concentrate</i>	92967-1-91094
ethofumesate	<i>Poa Constrictor</i>	70506-107
ferrous (iron) sulfate monohydrate	<i>Lilly-Miller Moss Out! plus Fertilizer</i>	802-543
flumioxazin	<i>Broadstar Herbicide</i>	59639-128
flumioxazin	<i>Payload Herbicide</i>	59639-120
flumioxazin	<i>SureGuard SC Herbicide</i>	71368-114
glyphosate	<i>EZ-Ject Diamondback Herbicide Shells</i>	83220-1
glyphosate	<i>Razor Herbicide Primera Razor Pro</i>	228-366
glyphosate	<i>Razor Pro Herbicide</i>	228-366

Last updated November 2024. Before using any product on this list, check the [ODA Guidance Document](#)

glyphosate isopropylamine salt	<i>Cornerstone Plus - Agrisolutions</i>	1381-192
glyphosate, diquat dibromide	<i>Quikpro Herbicide</i>	524-535
glyphosate, diquat dibromide	<i>Roundup QuikPro Herbicide</i>	524-535
glyphosate, isopropylamine salt	<i>Aquamaster Herbicide</i>	524-343
glyphosate, isopropylamine salt	<i>Aquapro Herbicide</i>	62719-324-67690
glyphosate, isopropylamine salt	<i>Four Power Plus</i>	34704-890
glyphosate, isopropylamine salt	<i>Gly Star Plus</i>	42750-61
glyphosate, isopropylamine salt	<i>Gly-Star Original Agristar</i>	42750-60
glyphosate, isopropylamine salt	<i>Hi-Yield Super Concentrate Kill-Zall II</i>	42750-61-7401
glyphosate, isopropylamine salt	<i>Kleenup Pro</i>	34704-890
glyphosate, isopropylamine salt	<i>Mad Dog Plus</i>	34704-890
glyphosate, isopropylamine salt	<i>Makaze</i>	34704-890
glyphosate, isopropylamine salt	<i>Ranger PRO Herbicide</i>	524-517
glyphosate, isopropylamine salt	<i>Roundup Custom for Aquatic & Terrestrial Uses</i>	524-343
glyphosate, isopropylamine salt	<i>RoundUp Pro Concentrate</i>	524-529
glyphosate, potassium salt	<i>Roundup Promax Herbicide</i>	524-579
halosulfuron-methyl	<i>Nufarm Prosedge</i>	228-711
halosulfuron-methyl	<i>Sedgehammer+ Turf Herbicide</i>	81880-24-10163
halosulfuron-methyl	<i>Sedgehammer Turf Herbicide</i>	81880-1-10163
imazapic, ammonium salt	<i>Plateau Herbicide</i>	241-365
Indaziflam	<i>Esplande 200 SC</i>	432-1516
indaziflam	<i>Marengo</i>	432-1518-59807
indaziflam	<i>Marengo G</i>	432-1523-59807
indaziflam	<i>Specticle Flo</i>	432-1518
indaziflam	<i>Specticle G</i>	432-1523
iron HEDTA	<i>Fiesta Turf Weed Killer</i>	67702-26
mesotrione	<i>Tenacity</i>	100-1267
pendimethalin	<i>Lesco Pre-M Aqua Cap Herbicide</i>	241-416-10404
pendimethalin	<i>Pendulum AquaCap Herbicide</i>	241-416
quinclorac, 2,4-D, dicamba, sulfentrazone	<i>Gordon's ProForm Professional Formulations Q4 Plus Turf Herbicide for Grassy & Broadleaf Weeds</i>	2217-930
simazine	<i>Drexel Simazine 4L</i>	19713-60
simazine	<i>Simazine</i>	19713-252
triclopyr butoxyethyl ester, sulfentrazone, 2,4- D	<i>T Zone SE</i>	2217-976

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Insecticides		
Active Ingredient(s)	Product Name	EPA Reg. No.
azadirachtin	<i>AzaSol</i>	81899-4-74578
<i>Bacillus thuringiensis</i> subspecies <i>israelensis</i>	<i>Mosquito Dunks Biological Mosquito Control</i>	6218-47
<i>Bacillus thuringiensis</i> subspecies <i>israelensis</i>	<i>Summit B.t.i. Briquets Floating Sustained-Release Larvicide</i>	6218-47
beta-cyfluthrin	<i>Tempo SC Ultra Insecticide</i>	432-1363
boric acid	<i>Boractin Insecticide Powder</i>	73079-4
boric acid	<i>MotherEarth Granular Scatter Bait</i>	499-515
boric acid	<i>Revenge Granular Ant Bait NiBan Granualr Bait</i>	64405-2
boric acid	<i>Terro Multi-Purpose Insect Bait</i>	64405-2-149
chlorantraniliprole	<i>22-0-7 Fertilizer with Acelepryn Insecticide</i>	9198-247
chlorantraniliprole	<i>Acelepryn G</i>	100-1500
chlorfenapyr	<i>Phantom Termiticide- Insecticide</i>	241-392
clove oil, lemongrass oil, rosemary oil, cinnamon oil	<i>NatureLine Plus Professional Grade Botanical Insecticide</i>	None - 25(b)
clove oil, lemongrass oil, rosemary oil, cinnamon oil	<i>NatureLine PRO Power Residual Oil</i>	None - 25(b)
cyfluthrin	<i>Tempo 1% Dust Insecticide Ready to use</i>	432-1373
cypermethrin, prallethrin	<i>Raid Wasp & Hornet Killer 33</i>	4822-553
deltamethrin	<i>Delta Dust Insecticide</i>	432-772
disodium octaborate tetrahydrate (basically boric acid)	<i>Green Way Liquid Ant Killing Bait</i>	73766-2
disodium octaborate tetrahydrate (basically boric acid)	<i>Revenge Pre-Filled Liquid Ant Baits</i>	73766-2-4
d-limonene	<i>Orange Guard</i>	61887-1
esfenvalerate, prallethrin, piperonyl butoxide	<i>Onslaught FastCap Spider & Scorpion Insecticide</i>	1021-2574
fipronil	<i>Maxforce FC Ant Killer Bait Gel</i>	432-1264
fipronil	<i>Maxforce FC Professional Insect Control Roach Killer Bait Gel</i>	432-1259
fipronil	<i>Maxforce FC Select Professional Insect Control Roach Killer Bait Gel</i>	432-1259
fipronil	<i>Taurus SC</i>	53883-279
fipronil	<i>Termidor SC</i>	7969-210
heptyl butyrate	<i>10-Week Yellowjacket Trap Cartridge</i>	84565-5-49407
heptyl butyrate	<i>Rescue Yellowjacket Attractant Cartridge</i>	84565-5-49407
heptyl butyrate, acetic acid, 2-methyl-1-butanol	<i>Reusable WHY Trap</i>	84565-3-49407
heptyl butyrate, acetic acid, 2-methyl-1-butanol	<i>WHY Attractant Kit</i>	84565-3-49407

heptyl butyrate, acetic acid, 2-methyl-1-butanol	<i>WHY Trap Refill</i>	84565-3-49407
hydramethylnon	<i>Amdro Kills Ants Ant Killing Bait</i>	1663-33-73342
hydramethylnon	<i>Maxforce Professional Insect Control Roach Killer Bait Gel</i>	432-1254
indoxacarb	<i>Advion Ant Gel</i>	100-1498
indoxacarb	<i>Advion Cockroach Gel Bait</i>	100-1484
indoxacarb	<i>Arilon Insecticide</i>	100-1501
lambda- cyhalothrin	<i>Cyzmic CS</i>	53883-261
lambda-cyhalothrin	<i>Demand CS Patrol</i>	100-1066
lambda-cyhalothrin	<i>Demand G Insecticide</i>	100-1240
lambda-cyhalothrin	<i>Grenade ER Insecticide</i>	100-1066-773
Mineral Oil	<i>Monterey Horticultural Oil</i>	48813-1-54705
phenothrin, piperonyl butoxide	<i>Anvil 10+10 ULV</i>	1021-1688-8329
prallethrin	<i>PT Wasp-Freeze II</i>	499-550
prallethrin, lambda- cyhalothrin	<i>Eliminator Wasp & Hornet Killer3</i>	9688-190-8845
prallethrin, lambda- cyhalothrin	<i>Hot Shot Wasp and Hornet Killer 3</i>	9688-190-8845
prallethrin, lambda- cyhalothrin	<i>Spectracide Wasp and Hornet Killer 3</i>	9688-190-8845
rosemary oil, geraniol, peppermint oil (Other: oil of wintergreen, white mineral oil, vanillin, polyglyceryl oleate)	<i>Essentria IC-3 Insecticide Concentrate from Envincio/Prentiss LLC</i>	None - 25(b)
sodium chloride (salt)	<i>NatureLine NGB Professional Grade Insecticidal Concentrate</i>	None - 25(b)
sodium tetraborate decahydrate	<i>InTice Gelamino Ant Bait</i>	73079-8
sodium tetraborate decahydrate	<i>InTice Liquid Ant Bait</i>	73079-7
sodium tetraborate decahydrate	<i>Terro Ant Killer II Liquid Ant Baits/Killer</i>	149-8
sodium tetraborate decahydrate	<i>Terro Outdoor Liquid Ant Bait Stakes</i>	149-8
sodium tetraborate decahydrate	<i>Terro Outdoor Liquid Ant Baits Pre-Filled RTU</i>	149-8
spinosad	<i>Conserve SC Turf & Ornamental</i>	62719-291
tetramethrin, d- phenothrin	<i>ARI Wasp and Hornet Killer Bee Bopper II</i>	7754-44

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Molluscicides		
Active Ingredient(s)	Product Name	EPA Reg. No.
iron phosphate	<i>Garden Safe Slug & Snail Bait</i>	67702-3-39609
iron phosphate	<i>Sluggo</i>	67702-3-54705

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Fungicides		
Active Ingredient(s)	Product Name	EPA Reg. No.
mineral oil	<i>Monterey Horticultural Oil</i>	48813-1-54705
azoxystrobin, propiconazole	<i>Headway (not Highway)</i>	100-1216

IPM Chemical list
Bare Ground Herbicides

Esplanade 200 SC	432-1516	Indazaflam	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
Payload Herbicide LockDown LockDown SC	59639-120 71368-103 71368-114	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
Milestone	62719-519	Aminopyralid	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 water table is shallow. Treated grass clipping should not be added to compost
Frequency	7969-281	Topramezone	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
Polaris Polaris AC	228-534 228-570	Imazapyr	Non-agriculture, bare ground weed control, fence rows, and storage areas. No human or domestic animal hazards statements are required.
Makaze Honcho Glypho 5.4 Glystar plus Credit 41 Extra	34704-890 524-445 81927-8 42750-61 71368-20	Glyphosate	Schools, fence rows, parking areas, parks, and storage areas. Non selective herbicide. Keep pets and people off site till after sprays have dried
Telar XP	432-1561	Chlorosulfuron	Fence rows, storage areas, roadsides and associated ROW. Keep pets and people off site till after sprays have dried.

Broadleaf Herbicides

SpeedZone	2217-833	2,4-D ethylhexyl, 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
T-Zone	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.
T-Zone SE	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
Q4 Plus	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.
Pendulum AquaCap	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).

Casoron 4G	400-168	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 are known to rip easily
Roundup Quick Pro	524-535	Glyphosate Diquat dibromide	Schools, recreational areas, parks, sports complexes, parking areas, recreational areas, and storage areas. No entry until spray has dried.

School District _____

IPM List approved by _____

Date _____