

Table 1 - List of Approved Active Ingredients

Active Ingredient	Use Areas ¹	Advisory ²		Highest Aquatic Toxicity for Invertebrates/Vertebrates	Remarks ⁵	Trade Name
		Ground Water ³	Surface Water ⁴			
2,4-D butoxyethanol ester (low volatile)	ROW, NE	X		Moderately Toxic	Post-emergent. Selective.	Many
2,4-D butyl ester (high volatile)	ROW, NE	X		Highly Toxic	Post-emergent. Selective.	Many
2,4-D choline salt	ROW, NE	X		Practically Non-toxic	Post-emergent. Selective.	Freelexx
2,4-D dimethylamine salt	ROW, NE	X		Practically Non-toxic	Post-emergent. Selective.	Many
2,4-D dodecyl/tetradodecyl amine salt	ROW, NE	X		Slightly Toxic	Post-emergent. Selective.	Many
2,4-D oleylpropylene amine salt	ROW, NE	X		Highly Toxic	Post-emergent. Selective.	Many
2,4-D propylene glycol butyl ether ester	ROW, NE	X		Highly Toxic	Post-emergent. Selective.	Many
aminocyclopyrachlor	E, NE	X	X	Slightly Toxic	Pre-/post-emergent. Selective. General surface/groundwater advisory. Not permitted in Oregon for use on utility ROWs & facilities. Not permitted on USFS lands.	Method
aminopyralid	ALL	X		Practically Non-toxic	Pre-/post-emergent. Selective.	Milestone
bromacil	ROW, E	X		Slightly Toxic	Broad-spectrum residual.	Hyvar
chlorsulfuron	ROW			Practically Non-toxic	Post-emergent. Selective.	Glean, Telar
clethodim	All			Slightly Toxic	Post-emergent. Selective.	Select 2EC
clopyralid	ROW, NE	X		Practically Non-toxic	Post-emergent. Selective.	Stinger, Transline
dicamba	ROW, NE	X	X	Slightly Toxic	Post-emergent. Selective. Restrictions with wellhead setbacks.	Banvel, Vanquish
dichlobenil	NE	X		Moderately Toxic	Pre-emergent. Selective. Do not apply to fine sandy soils.	Casoron
diuron	ROW, E			Highly Toxic	Pre-emergent. Selective.	Diuron, Karmex
florpyrauxifen-benzyl	ALL			Practically Non-toxic	Use only as a component of a terrestrially-applied pre-formulated herbicide mixture with other approved active ingredients	TerraVue (aminopyralid + florpyrauxifen-benzyl)
flumioxazin	E, NE		X	Highly Toxic	Pre-/post-emergent. Soil active. Selective.	Payload
fosamine ammonium	ROW			Practically Non-toxic	Post-emergent. Selective.	Krenite
glyphosate (See Table 3)	ALL				Post-emergent. Non-selective.	
halosulfuron-methyl	NE	X		Practically Non-toxic	Post-emergent. Selective.	SedgeHammer
hexazinone	ALL	X	X	Slightly Toxic	Pre-/post-emergent/Broad-spectrum residual. Non-selective.	Velpar
imazapic	ALL	X		Practically Non-toxic	Pre-/post-emergent. Selective.	Plateau DG
imazapyr	ROW			Practically Non-toxic	Pre-/Post-emergent/Broad-spectrum residual. Non-Selective.	Arsenal, Chopper
indaziflam	ALL	X	X	Highly Toxic	Pre-emergent. Selective.	Esplanade, Rejuvra
isoxaben	ALL	X	X	Moderately Toxic	Pre-emergent. Selective.	Gallery

Environmental Standards & Procedures

Vegetation Management List of Approved Herbicides

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mefluidide	NE	X		Practically Non-toxic	Plant growth regulator for turfgrasses, ground covers, ornamental shrubs and trees.	Embank
metsulfuron-methyl	ROW			Practically Non-toxic	Pre-/post-emergent. Soil active. Selective.	Escort, Escort XP
oryzalin	NE			Moderately Toxic	Pre-emergent. Selective.	Surflan
oxadiazon	LS		X	Slightly Toxic	Pre-emergent. Selective.	Ronstar G
paclobutrazol	ROW			Slightly Toxic	Tree growth regulator.	Profile
picloram	ROW	X	X	Moderately Toxic	Pre-/post-emergent. Soil active. Selective.	Tordon 22K
prodiamine	LS		X	Practically Non-toxic	Pre-emergent. Selective.	Barricade 65WG
sethoxydim	ALL			Practically Non-toxic	Post-emergent. Selective.	Poast
sulfentrazone	E, NE	X	X	Slightly Toxic	Pre-/post-emergent. Selective.	Portfolio, Authority
sulfometuron-methyl	E	X	X	Slightly Toxic	Pre-/post-emergent. Selective. Many restrictions apply.	Oust
tebuthiuron	ROW, E	X		Slightly Toxic	Broad-spectrum residual. Many restrictions apply.	Spike
Triclopyr BEE	ROW, NE	X		Highly Toxic	Post-emergent. Selective.	Forestry Garlon 4, Garlon 4, Pathfinder II, Garlon XRT
Triclopyr TEA	ROW, NE	X		Practically Non-toxic	Post-emergent. Selective.	Garlon 3A
Triclopyr Choline	ROW, NE	X		Practically Non-toxic	Post-emergent. Selective.	Vastlan
Triclopyr Acid	ROW, NE	X		Practically Non-toxic	Post-emergent. Selective.	Trycera
Trinexapac-ethyl	NE, LS			Slightly Toxic	Plant growth regulator for grass/turf.	Primo MAXX

See BPA Herbicide Fact Sheets for Additional Information: <https://www.bpa.gov/-/media/Aep/efw/nepa/active/transmission-system-vegetation-management-program/veg-mgmt-documents/20220830-veg-mgmt-herbicide-fact-sheet.pdf>

See Herbicide Labels for Specific Requirements: <https://www.cdms.net/Label-Database>

¹ Use Areas: ROW = Rights-of-Ways (roads, transmission line corridors); E = electrical facilities (substations, switches); NE = Non-electrical facilities (maintenance facilities, storage yards, control house grounds); LS = landscaping situations only.

² Advisory indications in these columns are for reference only. Always consult the product label to verify groundwater and/or surfacewater advisories for each herbicide product.

³ An herbicide with groundwater advisory will include the following or similar language on the product label: "This chemical has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow," or "[Name of chemical] [A degradate of (name of chemical)] is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow."

⁴ An herbicide with surface water advisory will include the following or similar language on the product label: "This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water," or "This product is classified as having [low/medium/high potential to reach surface waters and/or aquatic sediment, according to the pesticide's "mean" soil partition coefficient (Kd)] for [several days/weeks/months or more after application, according to the pesticide's aerobic soil metabolism half-life].

⁵ Remarks in this column are for reference only. Always consult the product label to verify the herbicide is compatible with the desired treatment.