

### Characteristics of Herbicides Available for Use in Western Oregon

Herbicide/Trade Names	Herbicide Characteristics and Target Vegetation	Aerial Application Allowed?						
			Rangeland	Forestland	Riparian and Aquatic	Oil, Gas, and Minerals	ROW	Recreation and Cultural Resources
<b>2, 4-D/</b> Many, including Amine, Hardball, Unison, Saber, Salvo, Aqua-Kleen, and Platoon	Selective; foliar absorbed; postemergent; annual/perennial broadleaf weeds. Key species treated include annual grasses and broadleaf weeds such as kochia, whitetop, perennial pepperweed, Russian thistle, Russian knapweed, sagebrush, and rabbitbrush.	No	•	•	•	•	•	•
<b>Clopyralid/</b> Transline, Stinger, and Spur	Selective; mimics plant hormones; annual and perennial broadleaf weeds. Key species treated include thistles, common burdock, knapweeds, yellow starthistle, oxeye daisy, hawkweeds, prickly lettuce, dandelion, cutleaf teasel, kudzu, and buffalobur	No	•	•		•	•	•
<b>Dicamba/</b> Vanquish, Banvel, Diablo, Vision, and Clarity	Growth regulator; annual and perennial broadleaf weeds, brush, and trees. Key species treated include knapweeds, burningbush, and Russian and other thistles.	No	•			•	•	•
<b>Diflufenzopyr + dicamba/</b> Distinct and Overdrive	Postemergent; inhibits auxin transport; broadleaf weeds. Key species treated include Knapweeds, kochia, and thistles.	No	•			•	•	•
<b>Diuron/</b> Direx and Karmex	Preemergent control; annual and perennial broadleaf weeds and grasses. Key species treated include lambsquarters, kochia, and Russian thistle.	No				•	•	•
<b>Fluridone/</b> Avast! and Sonar	Aquatic herbicide to control submersed aquatic plants. Key species treated include hydrilla and watermilfoils.	No			•			
<b>Glyphosate/</b> Many, including Rodeo, Mirage, Roundup Pro, and Honcho	Non-selective; annual and perennial grasses and broadleaf weeds, sedges, shrubs, and trees. Key species treated include grasses (including Italian ryegrass), sedges, broadleaf weeds, and woody shrubs.	No	•	•	•	•	•	•



**Characteristics of Herbicides Available for Use in Western Oregon (Cont.)**

Herbicide/Trade Names	Herbicide Characteristics and Target Vegetation	Aerial Application Allowed?	Areas Where Registered Use is Appropriate					Recreation and Cultural Resources
			Rangeland	Forestland	Riparian and Aquatic	Oil, Gas, and Minerals	ROW	
<b>Hexazinone/</b> Velpar	Foliar or soil applied; inhibits photosynthesis; annual and perennial grasses and broadleaf weeds, brush, and trees. Key species treated include annual and perennial grasses and broadleaf weeds, brush, and trees.	No	•	•		•	•	•
<b>Imazapic/</b> Plateau and Panoramic	Selective postemergent herbicide; inhibits broadleaf weeds and some grasses. Key species treated include cheatgrass, leafy spurge, medusahead, whitetop, dalmation toadflax, and Russian knapweed.	No	•	•		•	•	•
<b>Imazapyr/</b> Arsenal, Stalker, Habitat and Polaris	Non-selective; preemergent and postemergent uses; absorbed through foliage and roots; annual and perennial broadleaf weeds, brush, and trees. Key species treated include saltcedar, Russian olive, and tanoak.	No	•	•	•	•	•	•
<b>Metsulfuron methyl/</b> Escort, Patriot, and PureStand	Selective; postemergent; inhibits cell division in roots and shoots; annual and perennial broadleaf weeds, brush, and trees. Key species treated include whitetop, perennial pepperweed and other mustards and biennial thistles.	No	•	•		•	•	•
<b>Picloram/</b> Triumph, OutPost, and Tordon	Selective; foliar and root absorption; mimics plant hormones; certain annual and perennial broadleaf weeds, vines, and shrubs. Key species treated include perennial and woody species, knapweeds, starthistle, thistle, bindweed, leafy spurge, rabbitbrush, rush skeletonweed, and poison oak.	No	•	•		•	•	•
<b>Sulfometuron methyl/</b> Oust and Spyder	Broad-spectrum pre and postemergent control; inhibits cell division; grasses and broadleaf weeds. Key species treated include cheatgrass, annual and perennial mustards, and medusahead.	No		•		•	•	•
<b>Triclopyr/</b> Garlon, Renovate, and Element	Growth regulator; broadleaf weeds and woody plants. Key species treated include saltcedar, purple loosestrife, Canada thistle, tanoak, and Himalayan blackberry.	No	•	•	•	•	•	•

• = Areas where USEPA approved registration exists and the BLM has approval or proposes to use on public lands.

