

Herbicides Currently Approved and Herbicides to be Examined for Use on BLM Lands in Oregon

Vegetation Treatments Using Herbicides on BLM Lands in Oregon Environmental Impact Statement, July 2008

Herbicide	Herbicide Characteristics and Target Vegetation	Areas Where Registered Use is Appropriate					
		Rangeland	Forestland	Riparian & Aquatic	Oil, Gas, & Minerals	ROW	Recreation & Cultural Resources
<i>Herbicides Currently Approved for Use on BLM Lands in Oregon</i>							
2, 4-D	Selective; foliar absorbed; postemergent; annual/perennial broadleaf weeds. Key species treated include burningbush, mustard species, and Russian thistle.	•	•	•	•	•	•
Dicamba	Growth regulator; annual and perennial broadleaf weeds, brush, and trees. Key species treated include knapweeds, burningbush, and Russian and other thistles.	•			•	•	•
Glyphosate	Non-selective; annual and perennial grasses and broadleaf weeds, sedges, shrubs, and trees. Key species treated include annual, biennial, and perennial grasses and broadleaf weeds and woody shrubs.	•	•	•	•	•	•
Picloram	Selective; foliar and root absorption; mimics plant hormones; certain annual and perennial broadleaf weeds, vines, and shrubs. Key species treated include knapweeds, leafy spurge, and starthistle.	•	•		•	•	•
<i>Herbicides to be Examined for Use on BLM Lands in Oregon</i>							
Bromacil	Non-selective; inhibits photosynthesis; controls wide range of weeds and brush. Key species treated include annual grasses and broadleaf weeds, burningbush, and Russian thistle.				•	•	•
Chlorsulfuron	Selective; inhibits enzyme activity; broadleaf weeds and grasses. Key species treated include biennial thistles and annual and perennial mustards.	•			•	•	•
Clopyralid	Selective; mimics plant hormones; annual and perennial broadleaf weeds. Key species treated include knapweeds, mesquite, and starthistle and other thistles.	•	•		•	•	•
Diflufenopyr + Dicamba	Postemergent; inhibits auxin transport; broadleaf weeds. Key species treated include knapweeds, burningbush, and Russian thistle and other thistles.	•			•	•	•
Diquat	Non-selective and foliar applied. Key species treated include giant salvinia, water-thyme, and watermilfoils.			•	■	■	■
Diuron	Preemergent control; annual and perennial broadleaf weeds and grasses. Key species treated include annual grasses and broadleaf weeds, burningbush, and Russian thistle.				•	•	•
Fluridone	Aquatic herbicide to control submersed aquatic plants. Key species treated include water-thyme and watermilfoils.			•			
Hexazinone	Foliar or soil applied; inhibits photosynthesis; annual and perennial grasses and broadleaf weeds, brush, and trees. Key species treated include mesquite and scrub oak.	•	•		•	•	•
Imazapic	Selective postemergent herbicide; inhibits broadleaf weeds and some grasses. Key species treated include downy brome, leafy spurge, medusahead, and mustards.	•	•		•	•	•
Imazapyr	Non-selective; preemergent and postemergent uses; absorbed through foliage and roots; annual and perennial broadleaf weeds, brush, and trees. Key species treated include saltcedar.	•	•	•	•	•	•
Metsulfuron methyl	Selective; postemergent; inhibits cell division in roots and shoots; annual and perennial broadleaf weeds, brush, and trees. Key species treated include annual and perennial mustards and biennial thistles.	•	•		•	•	•
Sulfometuron methyl	Broad-spectrum pre and postemergent control; inhibits cell division; grasses and broadleaf weeds. Key species treated include downy brome, annual and perennial mustards, and medusahead.		•		•	•	•
Tebuthiuron	Relatively non-selective soil activated herbicide; pre and postemergent control of annual and perennial grasses, broadleaf weeds, and shrubs. Key species treated include creosotebush, oak, Russian olive, and sagebrush (thinning).	•			•	•	•
Triclopyr	Growth regulator; broadleaf weeds and woody plants. Key species treated include mesquite and saltcedar.	•	•	•	•	•	•

• = Areas where USEPA approved registration exists and the BLM has approval or proposes to use on public lands. ■ = Areas where USEPA approved registration exists, but where the BLM does not propose to use on public lands.

