

Gearhart Foredune Noxious Weeds

Species	Presence	Method	Material	Timing
Scots Broom, <i>Cytisus scoparius</i> (Fabaceae)	Extensive patches between city and first dune crest to west; few widely scatter clumps farther west	Mow; let regrow (2-3 years); spray; repeat	Garlon 4 (upland, oil-based formula)	Mow fall-winter; spray summer-early fall
Bull thistle, <i>Cirsium vulgare</i> (Asteraceae)	Numerous small clumps throughout site	Several herbicides work well; might take several treatments	Milestone	Summer, pre and during flowering
Canada thistle, <i>Cirsium arvense</i> (Asteraceae)	Few small clumps throughout site	See above	See above	See above
Tansy ragwort, <i>Jacobaea</i> (Asteraceae)	Numerous plants across entire site; most easily seen and pulled when flowering	Hand pull when in flower		Find and pull when in flower
Himalayan blackberry, <i>Rubus armeniacus</i> (Rosaceae)	Scattered small plants, several large thickets	Mow, then let resprout, spray; repeat if needed	Garlon 4 (upland, oil-based formula)	Mow fall-winter; spray fall
Cut-leaf blackberry, <i>Rubus laciniatus</i> (Rosaceae)	Scattered small plants	See above	See above	See above
Japanese knotweed, <i>Fallopia japonica</i> (Polygonaceae)	One clump near Pacific Way on west slope of dune	Spray; or hand pull all shoots 2x per year for up to 3 -4 years to remove plants completely	Imazapyr, 6 py/acre (1% solution)	Summer, full leafout. Need to confirm species; Bohemian knotweed is much harder to remove; check young leaf hairs in spring to determine which species
Atlantic Ivy, <i>Hedera hibernica</i> (Aquifoliaceae)	Scattered vines, on trees	Pull small vines out of ground; cut large vines down, treat bases		

English holly, Ilex aquifolium	Scattered small to large trees	Cut down trees, shrubs, treat bases		
Cotoneaster species (Rosaceae)	Scattered plants	Cut down, treat bases		
Bamboo	Patch along north side of city park	Spray, let die down, mow, repeat	Imazapyr, 6 py/acre (1% solution)	

Other

Leaves grasses alone; will kill other dicots
Milestone is an upland formula, leaves grasses alone; can leach into groundwater, water soluble formula
See above
Put plants in trash; do not compost or leave on the ground in the dunes; seeds may ripen on stalks weeks after pulling
Leaves grasses alone; will kill other dicots
See above
Kills all vegetation. Note that no shoots should be allowed to sprout; dry and shred, or send to landfill

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