

Chelan –Northshore Toadflax

Description: This treatment area contains the most extensive Dalmatian toadflax infestations on the District. Due to the 1970 fires and the Deer point fires there is little shaded ground. Toadflax has spread off roads in to young forest and shrub steppe habitats. Spotted and diffuse knapweeds are also present, primarily along roads and old spur roads.

Infested acres: 567

Total acres: 9,681

5th Field watershed: Lower Lake Chelan

Major Streams and Waterbodies: Lake Chelan, Joe Creek

Elevation: 2400-5500 ft.

Vegetation Type: dry forest, shrub steppe

Soils: Sandy Loam

Precipitation: Low elev. – 12-14”/yr to 36-40”/yr

Special Management Areas:

Recreation: Echo Ridge cross country ski trails, dispersed camping, hunting, hiking, horseback, motorcycle, snowmobile, and mountain bike riding.

Grazing: None

TES, ISSSP Species: *Cypripedium montanum* (Survey and Manage)

Other land Ownerships: Private, Washington State, Tribal Allotments

Vectors of spread: Road and trail use, wildlife, wind, fire lines.

Existing NEPA: Wenatchee Forest Wide Noxious Weed EA, A to A EA

Ongoing Treatments: The road systems, ski trails, and parking lots are spot sprayed and weed populations have been significantly reduced. Biocontrols for both knapweed and toadflax have been released in the area and are slowly spreading/

IWM Strategy: Minimize new ground disturbance, if un-avoidable monitor and treat any new infestations. Seed with local native seed if necessary. Contain and reduce the existing infestations, prevent spread to un-infested sites. Spot spray roads and travel routes. Use biocontrols on large off-road infestations. Spot spray small off-road infestations in new sites to prevent expansion. Coordinate with the prescribed burning program.

Existing Sites and Treatment Objectives

Species	# of sites	site types	Infested acres	Objective
Dalmatian toadflax	52	1,6	348.4	Control
Diffuse knapweed	47	1,5,6	151.9	Control
Spotted knapweed	20	1,5,6	38.9	Control
Russian knapweed	1	1,5,6	0.2	Eradicate
Bull thistle	1	1,5,6	0.1	Eradicate
Sulphur cinquefoil	3	1,5,6	0.7	Eradicate
Common mullein	9	1,5,6	5.2	Eradicate
Bulbous bluegrass	8	1,5,6	12	Contain
Cheatgrass	11	1,5,6	9.7	
TOTALS	152		566.9	

