

Entiat – 10 Tillicum Treatment Area

Description: This treatment area includes the road systems from the Mad River south to Dinkelman Ridge. Parts of this area were burned in the 1994 Tye Fire and in the 1988 Dinkelman fire. Off-road concentrations of knapweeds are found in the sheep bedding grounds and holding areas. Sugarloaf lookout is included.

Infested acres: 107

Total acres: 21,159

5th Field watershed: Mad River

Major Streams and Waterbodies: Mad River.

Elevation: 1400-5600 ft.

Vegetation Type: Early successional dry and riparian forest with remnant mixed conifer stands. Ceanothus understory in burned areas.

Soils: Sandy Loam

Precipitation: 20-30 inches/year

Special Management Areas: LSR

Recreation: dispersed camping, hiking, hunting, snowmobiling, motorcycle, horseback, and mountain bike riding.

Grazing: Sheep allotment

TES, ISSSP plants: *Iliamna longisepala*

Other land Ownerships: State, private

Vectors of spread: Vehicle traffic, recreational use, wildlife, wind, sheep.

Ongoing Treatments: Parts of the road system have been under a spot-spraying treatment program.

IWM Strategy: Monitor for new invaders. Coordinate with range staff for sheep issues, rehab of bedding sites. Herbicide spot spraying of knapweed plants until numbers are reduced to the level that hand pulling is feasible. Eradicate toadflax and St. John's wort.

Existing Sites and Treatment Objectives

Common Name	# of sites	site types	Infested acres	Objective
Diffuse knapweed	20	1,3,5,6	92.8	Control
Spotted knapweed	3	1,3,5,6	8.2	Control
Bull thistle	3	1,5,6	4.6	Control
Dalmatian toadflax	1	1,3,6	.7	Eradicate
Common St. John's wort	2	1,3,6	.2	Eradicate
Total	29		107	