

North Face Bike Park

Weed Control Method	Priority	Status	Season	Date	% effective	Notes
Hydro Seed non-rideable berms and backsides of features	Low	Attempted	Spring	2015 post construction	10%	We had irrigation problems, so seed did not receive sufficient moisture to take. X2 Tried a manual scarify of soil and seed planting in 2016 also, but only mildly successful.
Soil Analysis	Normal	Completed	Fall	2024	20%	Had soil samples accessed by Colorado State 2016. Soil lacking in Phosphates. No soil additions budgeted.
Mulch	Low	Attempted	Winter	2017	10%	Used Christmas tree mulch 4" thick in low moist spots with out success. Fertilized weeds, held moisture.
Pea Gravel and Weed Barrier	Normal	scheduled	Spring & Fall	2016 & 2017 & 2021 & 2024	75%	helped in between jump lines and pump track features, needs weeding every year by hand for newly established weeds in the pea gravel.
Burn perimeter	Normal	scheduled	Spring	No burn 2023. Try 2024	0%	Was effective on the perimeter but did not help the berms and backsides of the features in the park. Will attempt in 2024 if staffing and weather allows.
Weed whack scalping with machines	High	scheduled	Spring , Summer	May, June, August 2024	50%	Manual scalping first of large weeds necessary, Labor intensive. Cut down the weeds that propagate via seed and removed all the cuttings. With Parks staff 2 to 3 times a year or 1 employee and 1 temp worker, two days
Manual Pull	High	scheduled	Spring, Summer	May, June, Aug 2024	75%	1 to 2 guys, 32 Hours for 1 week, \$1,500 Temp Budget 2023. Parks crew 5 men, 5 days manual pull 2023 Budgeted for temp services for 2024.
Manual Pull with volunteers	High	scheduled	Spring, Summer	May, June Aug 2024	25%	Ascendigo vocational 6 weeks, two people, one day a week. 2022. 2023 two groups of volunteers at separate times, 2024 continue to put volunteers in this area.
Steam Machine burn down	High	experimental	Spring & Summe	April, May, June Aug 2024	0%	Potential technique that could be tried this coming year because we own a machine. Lacked manpower in 2023
Avenger Spot Spray Burn Down natural, non-chemical herbicide	High	In Progress	Spring, Summer	June, July, August 2024	50%	# of Gallons of avenger 4 (one case) (6 to 1 ration with water) Need to re-apply every 2-3 weeks. Lacked the trained staff to stay with this schedule.
B List Colorado Noxious Weed List Canadian & Scotch Thistles	High	as needed	mid summer	2023 spring	40%	Cut down all thistles that were flowering and before they went seed. Removed all debris. 1 employee or two temp workers 3 days.
B List Colorado Noxious Weed Mitigation Required Common Ragwort	High	proposed	Spring, Summer	2024	60%	Hand pulled common ragwort when noticed. 1 employee in travels. Mandated to eradicate by 2022. Spot Spray of Chemical herbicide recommended
B List Colorado Noxious Weed Hoary Cress (White Top) mitigation	High	proposed	Spring, Summer	2024	0%	Did not conduct in 2021-23 other than weed whacking.
Seek consultation with Natural Land Manager Specialists for next step	Low	not scheduled	March / April	2024	0%	This step will be necessary when the previous methods of weed mitigation are not successful.
Spot spray Use of chemical based Herbicide	High A and B list weeds	proposed	Spring, Summer	2024	0%	This step will be necessary when the previous methods of weed mitigation have not been successful on A & B

Common tansy is a List B that requires elimination. We have been weed whacking and hand pulling the *Canada Thistle* and are keeping it from expanding, but mowing is not effective on the *Tansy* and *Hoary Cress* and may cause the plant to develop perennial characteristics. Both weeds have not responded favorably to our existing techniques for weed mitigation and have established themselves in specific areas adjacent to the riding surfaces in the bike park. The plan for 2024 is to burn the park in the spring and to continue with weed whacking growth and re-establishing the pea gravel on top of the weed barrier on the non-rideable surfaces within the park. We might experiment with goats and electric fencing in 2024 on the problem areas surrounding the park.