

Decision Trees for Primary Weeds of Concern

Wild Parsnip Decision Tree					
Limits of Location	Infestation	Vegetation Goal	Method	Issues	Effectiveness and follow-up
Any area or No spray zone due to homeowner or environmental sensitivity	Less than 50 plants	Turf with accessible wild parsnip*	Low mowing at least 4 times per year, bi-monthly preferable	Homeowner or contractor – cleaning of equipment for safety and spread	Good to poor* Repeat required at least 1 to 3 years for rosettes and new seedlings
Any area or No spray zone due to homeowner or environmental sensitivity	Less than 50 plants	Herbaceous species or shrubs	Spudding or hand pulling*	PPE and disposal of poisonous plants	Excellent Repeat required at least 1 year to missed rosettes and new seedlings
Any area that is flat and accessible for mowing equipment, 3:1 slope or flatter	Patches or solid zones of infestation	Turf with accessible wild parsnip*	Low mowing at least 4 times per year, bi-monthly preferable	Contractor – cleaning of equipment for safety and spread	Good to poor* Repeat required at least 1 to 3 years for rosettes and new seedlings
Any area	Patches or solid zones of infestation	Turf, herbaceous species or shrubs	Targeted herbicide application, product with selectivity if possible	Re-vegetation of areas where majority of plants injured	Excellent Repeat required at least 1 year to missed rosettes and new seedlings.
Area suitable for re-seeding	Any size of infestation	Turf, tall herbaceous species, shrubs	Glyphosate applications for spring/fall and following spring at pre-planting; cultivation	Establishment with plugs/ plants established site sooner. Seedling less expensive.	Excellent As indicated, repeat herbicide application required at least 1 year to missed rosettes and new seedlings.

*Field observations have found that mowing sites with established herbaceous and woody shrub species decreases competitive ability of companion species and increases density of flowering wild parsnip stems. Poorly timed mowing can increase the number of wild parsnip the following year.