

Potential herbicides for the South Lassen Wildfire Recovery Project

A combination of herbicides listed will mixed and utilized to match the vegetation and conditions specific to each property.

	Brand Name	Active Ingredient	Herbicide Type	Application Type	Timing	Target vegetation	Chemical use
Site Preparation	Vellossa	Hexazinone	Pre-Emergent	Hand- Broadcast	Fall/ Spring Prior to planting	All non conifer vegetation within mechanical site prep area	Reforestation Site Preparation for seedlings. Temporarily remove competing vegetation for first year for seedling survival
	Velpar DF	Hexazinone	Pre-Emergent	Hand- Broadcast	Fall/ Spring Prior to planting	All non conifer vegetation within mechanical site prep area	Reforestation Site Preparation for seedlings. Temporarily remove competing vegetation for first year for seedling survival
	Cleantraxx	penoxsulam, oxyfluorfen	Pre-Emergent	Hand- Broadcast	Fall/ Spring Prior to planting	All non conifer vegetation within mechanical site prep area	Reforestation Site Preparation for seedlings. Temporarily remove competing vegetation for first year for seedling survival
	Esplanade F	Indaziflam	Pre-Emergent	Hand- Broadcast	Fall/ Spring Prior to planting	All non conifer vegetation within mechanical site prep area	Reforestation Site Preparation for seedlings. Temporarily remove competing vegetation for first year for seedling survival
	Roundup Pro or Custom	Glyphosate	Post-Emergent	Hand- Broadcast	Fall/ Spring Prior to planting	All non conifer vegetation within mechanical site prep area	Reforestation Site Preparation for seedlings. Temporarily remove competing vegetation for first year for seedling survival
	Garlon XRT	Triclopyr	Post-Emergent	Hand- Broadcast	Fall/ Spring Prior to planting	All non conifer vegetation within mechanical site prep area	Reforestation Site Preparation for seedlings. Temporarily remove competing vegetation for first year for seedling survival
	Garlon 3A Coleen formulation	Triclopyr	Post-Emergent	Hand- Broadcast	Fall/ Spring Prior to planting	All non conifer vegetation within mechanical site prep area	Reforestation Site Preparation for seedlings. Temporarily remove competing vegetation for first year for seedling survival
	Garlon 4A Amine formulation	Triclopyr	Post-Emergent	Hand- Broadcast	Fall/ Spring Prior to planting	All non conifer vegetation within mechanical site prep area	Reforestation Site Preparation for seedlings. Temporarily remove competing vegetation for first year for seedling survival
	MSO	Methylated Seed Oil	Adjuvant/ Drift control Adject	Hand- Broadcast	Fall/ Spring Prior to planting	All non conifer vegetation within mechanical site prep area	drift control adject and adjuvacant
	Hi-Light Blue Dye	Blue Dye	Spray area marking	Hand- Broadcast	Fall/ Spring Prior to planting	All non conifer vegetation within mechanical site prep area	Spray area marking for accuracy
Plantation Release	Roundup Pro or Custom	Glyphosate	Post-Emergent	Hand- Directed	Summer within 3 years of planting or before grant funds expire	Woody Brush and invasives Only - Intended to encourage growth of seedlings/ grass/ forbes without brush competition	Releas conifers from competition of woody brush germinants and root sprouts. Provide time for conifers to occupy the site without being overcrowded by woody brush and prevent fire hazards from developing
	Roundup Pro or Custom	Glyphosate	Post-Emergent	Hand- Directed	Summer within 3 years of planting or before grant funds expire	Woody Brush and invasives Only - Intended to encourage growth of seedlings/ grass/ forbes without brush competition	Releas conifers from competition of woody brush germinants and root sprouts. Provide time for conifers to occupy the site without being overcrowded by woody brush and prevent fire hazards from developing
	Garlon XRT	Triclopyr	Post-Emergent	Hand- Directed	Summer within 3 years of planting or before grant funds expire	Woody Brush and invasives Only - Intended to encourage growth of seedlings/ grass/ forbes without brush competition	Releas conifers from competition of woody brush germinants and root sprouts. Provide time for conifers to occupy the site without being overcrowded by woody brush and prevent fire hazards from developing
	Garlon 3A	Triclopyr	Post-Emergent	Hand- Directed	Summer within 3 years of planting or before grant funds expire	Woody Brush and invasives Only - Intended to encourage growth of seedlings/ grass/ forbes without brush competition	Releas conifers from competition of woody brush germinants and root sprouts. Provide time for conifers to occupy the site without being overcrowded by woody brush and prevent fire hazards from developing
	Garlon 4A	Triclopyr	Post-Emergent	Hand- Directed	Summer within 3 years of planting or before grant funds expire	Woody Brush and invasives Only - Intended to encourage growth of seedlings/ grass/ forbes without brush competition	Releas conifers from competition of woody brush germinants and root sprouts. Provide time for conifers to occupy the site without being overcrowded by woody brush and prevent fire hazards from developing
	MSO	Methylated Seed Oil	Adjuvant/ Drift control Adject	Mixed as Adjuvacant and drift control agent	Summer within 3 years of planting or before grant funds expire	Woody Brush and invasives Only - Intended to encourage growth of seedlings/ grass/ forbes without brush competition	Not an Herbicide. Drift Control and Adjuvacant only
	Hi-Light Blue Dye	Blue Dye	Spray area marking	Marks areas sprayed by coloring the vegetation temporarily	Summer within 3 years of planting or before grant funds expire	Woody Brush and invasives Only - Intended to encourage growth of seedlings/ grass/ forbes without brush competition	Not an Herbicide. Marking only