

San Luis Valley Weed Management Association  
**2014 Weed Priority List for the San Luis Valley**

E = eliminate                      S = suppress  
 C = contain                        (definitions below)

**When using chemicals for treatment of noxious weeds:**

Attend a private applicators certification training  
 Always follow label directions

SLV Priority	Weed	Alamosa	Conejos	Costilla	Rio Grande*	Saguache	Mineral	Notes	Treatment Options
<b>LIST A Species</b>									
P	Cypress Spurge			eliminate	in flower beds; advise not to share or transplant			Costilla - some up on the shrine, areas between school and Ranches de Hermanos, ROW	Spray; Milestone; Dicamba, 2,4-D; pull the small plants and get the root
<b>LIST B Species</b>									
	Black Henbane		1 acre Eliminate or Contain	eliminate 22.4 acres infested; may have mutated or hybridized, flower turned blue	Contain			Near RG county subdivisions; encroaching on Conejos via RG & Costilla; on private land, Costilla, Saguache, on ditch, flood plain; State Mgmt Plan calls for elimination required in SLV except Saguache County	Milestone. Hidep & Dicamba
	Canada thistle	Contain	80 acres Suppress	contain unknown acreage	1/3 of acres in county - most is light density, some thick; Suppress			threatens agland	LV-6, Milestone, Hidep, Dicamba
	Chamomiles (corn, mayweed, scentless)							located on Forbes Ranch, San Luis, Costilla County, on private land, and ditch banks	

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	Chinese clematis			eliminate unknown acreage	ornamental			CDOT has tarped in Costilla; Lamar saw some on El Rancho Lane going into Alamosa Refuge; hard to kill vine, climbs fences; eradication required in SLV.	
P	Common tansy			unknown acreage	ornamental			south of MV Refuge office, west of Hwy 15, Olsen Homestead, S. of CDOT offices; likes water, yards, riparian	shovel, 2,4-D, Rodeo, Aquamaster. (Milestone doesn't work)
	Cutleaf teasel								
	Dalmation toadflax							Lamar sprayed, in CDOT yard on the south side of Villa Grove	
	Dame's rocket				NA or ornamental			yards, Del Norte, Alamosa	

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<b>P</b>	<b>Diffuse knapweed</b>	eliminate by 2006 (CDA)	eliminate by 2006 (CDA)	eliminate by 2006 (CDA); contain unknown acreage	eliminate by 2006 (CDA); State Hwy ROWs on west end, off of Hwy 149	eliminate by 2006 (CDA); at the Y at Hwys 285 & 14	eliminate by 2006 (CDA); btwn SF & Creede; Eradicate	Costilla - by gate to La Sierra; found in Huerfano County; State Mgmt Plan calls for elimination required in SLV, found in Saguache County near Villa Grove on Hwy 285	hard to pull when old, so pull when growing; spray when active growth from rosette to bolt; or chope, let it freeze, then spray w/ Dicamba, 2,4-D, or Milestone
	<b>Eurasian watermilfoil</b>	Suppress						pivot reservoirs, hatcheries, Gator Farm, aquariums, might have a native species also	
	<b>Field bindweed (C list)</b>			contain unknown acreage	100-200 acres			aggressive, difficult to kill	Hidep, Dicamba
	<b>Hoary cress (AKA short whitetop)</b>			contain unknown acreage	1/3 of acres in county - light density			Ag land, Alamosa Refuge, ditch banks	Hidep, Dicamba, some Plateau; Banvil

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P	Houndstongue		80 acres private land	eliminate 10.8 Acres infested; Forbes Park Road, on the train tracks, old Battle Mtn Gold site, burn area near Pass Creek Rd.	NA but possible			(Two years ago there was almost none in SLV. Spreads fast. RR on La Veta, Costilla County; State Mgmt Plan calls for elimination in SLV except Costilla County where suppression/containment is required	pull it, bag it, kill seed; 2,4-D, Plateau, Milestone
P	Leafy spurge		1,000 acres San Antonio, Alamosa, Conejos rivers; wildlife habitat on private property	eliminate 5.3 Acres infested; 5.3 acres on CR close to NM state line; road to Sanchez Reservoir	NA - get reports of it, but it doesn't check out	DD & CR 60 - whole pasture; private landowner won't let anyone touch it. Roadside is sprayed.		Harms aglands, riparian areas. Spreads easy and hard to kill. check areas 2x/month to ensure spraying works	Journey; Jury = Round-up; E-2 used in Chaffee, could replace Plateau; be careful with it near rivers
	Moth mullein							likes disturbance, easy to kill	

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	<b>Musk thistle</b>	Eliminate by 2015 (CDA)	Eliminate by 2015 (CDA)	Eliminate by 2015 (CDA); contain unknown acreage	Eliminate by 2015 (CDA); South Fork area, 2 acres	Eliminate by 2015 (CDA)	Eliminate by 2015 (CDA)	found in Archulta County	Milestone
<b>P</b>	<b>Oxeye daisy</b>		1,000 acres borders FS property, on Alamosa and Conejos Rivers	NA	South Fork area, ornamentals, some ROWs			Hard to kill. In and bordering Forest Service land on Cumbres, Conejos County; State Mgmt Plan calls for elimination in SLV except Conejos County	spray very early, sometimes still snow. Milestone pre-bud; E-2, Forefront
<b>P</b>	<b>Perennial pepperweed</b>	Contain	Suppress; 400 acres San Antonio River contain?	contain unknown acreage; suppress pervasive	Suppress 1/3 of acres in the county; density light to moderate; heavy on MV Refuge	suppress	suppress	Spreads easily; threatens aglands and waterways; 1,000s of acres in wetlands; Rocky Mtn Be Plant is out-competing;	LV-6, Hidep, Dicamba, some Plateau, crop oil
	<b>Quackgrass</b>	Suppress						agland	

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P	Russian knapweed	suppress	50 acres containment		Suppress 1/3 of acres in county; density light to moderate	suppress	suppress	Agland, waterways; rivers and ditches, private landowners; eradicate on refuges	Graze w/sheep when plant is young. Milestone; if near crops Hidep & Dicamba; LV-6; insects will suppress but won't kill because they don't over-winter well
P	Russian olive	suppress			ornamental				pull; cut and spray w/ Garlan; habitat???
P	Salt cedar	eliminate by 2006 (CDA)	160 acres - in wetlands near Pike's Stockade eliminate	eliminate	ornamental	eliminate		according to State Mgmt Plan	pull when very young; cut and spray with Garlan; monitor 1x/month all summer
P	Spotted Knapweed			contain unknown acreage; Along road to San Francisco, Rd 21 to Stateline	Highway 15 near MV Refuge, 2-mile stretch on both side of the road; ROW 149 Cottonwood Cove area, FS	Villa Grove		Near MV Refuge; State Mgmt Plan calls for elimination required in SLV, found in Saguache County near Villa Grove on Hwy 285	2,4-D, Plateau, & Milestone; Curtail

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	<b>Yellow Toadflax</b>	small patch on Alamosa Refuge; eradicate	2 acres Alamosa and Conejos rivers	NA	Lariat Ditch and RG Canal system; water disperced? Patches jump around season to season; MV Refuge	N of Center on ditches	Creede	Near South Fork on private property; on Hwy 369 near Conejos county line; none found on MV Refuge in 2013 (2E & 8 Mile Rd), may have been eradicated; on the Baca, 5S, Alamosa Refuge; State Mgmt Plan calls for elimination required in SLV except for Conejos County; hard to kill; near Creede at higher altitudes.	Plateau has 50% kill in fall; 100% kill on Cochetopa; E-2; Milestone

**ADDED**  
 SLV

Priority	Weed	Alamosa	Conejos	Costilla	Rio Grande	Saguache	Mineral	Notes	Treatment Options
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	<b>Common mullein</b>			NA	ditch banks			road- and trail-side, won't take over a meadow. On Wolf Creek, Alamosa Refuge, dies after two years; not necessarily a problem	
<b>LIST C</b>	<b>Cheatgrass or Downey brome</b>			NA	Pino Creek, Forest Service; moderate density at most; ROWs, some private			Big fire hazard, target homeowners, towns, RR up La Veta, Center, Saguache, passes, spreads easily, 3 generations in one year	Journey
	<b>Common Cocklebur</b>			NA	nothing significant			in Saguache	Dig it up
	<b>Jointed goatgrass</b>								

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ADDED SLV Priority	Weed	Alamosa	Conejos	Costilla	Rio Grande	Saguache	Mineral	Notes	Treatment Options
	Sulfur cinquefoil							how different from mountain cinquefoil?	
	Wild caraway				Swede Lane near MV; west of DN; doesn't worry about it			is this in the SLV?	
	Water hyacinth			NA	?				
	Venice mallow								
	Yellow Nutsedge								
<b>GOOD COMPETITORS</b>									
	Rocky Mountain Bee Plant								

**Management Objectives:**

**"Elimination"** means the removal or destruction of all emerged, growing plants of a population of List A or List B species designated for eradication by the Commissioner. It is the first step in achieving eradication and is succeeded by efforts to detect and destroy newly emerged plants arising from seed, reproductive propagule, or remaining root stock for the duration of the seed longevity for the particular species.

**"Containment"** means maintaining an intensively managed buffer zone that separates infested regions, where suppression activities prevail, from largely uninfested regions, where eradication activities prevail.

**"Suppression"** means reducing the vigor of noxious weed populations within an infested region, decreasing the propensity of noxious weed species to spread to surrounding lands, and mitigating the negative effects of noxious weed populations on infested lands. Suppression efforts may employ a wide variety of integrated management techniques.

\* **Rio Grande County Pest District has made the following weeds a priority:** Canada thistle, perennial pepperweed, hoary cress, field bindweed, Russian knapweed, leafy spurge, white horse nettle, yellow toadflax