

This does not constitute a formal recommendation. When using herbicides always read the label, and when in doubt consult your farm advisor or county agent.

This is an excerpt from the book *Weed Control in Natural Areas in the Western United States* and is available wholesale through the UC Weed Research & Information Center (wric.ucdavis.edu) or retail through the Western Society of Weed Science (wsweedsociety.org) or the California Invasive Species Council (cal-ipc.org).

Solanum elaeagnifolium

Silverleaf nightshade

Family: Solanaceae (nightshade)

NON-CHEMICAL CONTROL

<i>Cultural:</i> grazing	P	toxic to livestock, goats can handle 25% in forage consumed, may reduce fruit production
<i>Cultural:</i> prescribed burning	P	below ground structures not affected
<i>Mechanical:</i> mowing and cutting	F	can reduce infestation and seed production, plants will develop rosettes below mower blades
<i>Mechanical:</i> tillage	P	deep root system can recover, must be repeated several times to be effective
<i>Mechanical:</i> grubbing, digging or hand pulling	P	will resprout from root system

CHEMICAL CONTROL

The following specific use information is based on published papers and reports by researchers and land managers. Other trade names may be available, and other compounds also are labeled for this weed. Directions for use may vary between brands; see label before use.

2,4-D	E
Aminocyclopyrachlor + chlorsulfuron	NIA
Aminopyralid	E
Chlorsulfuron	NIA
Clopyralid	P
Dicamba	E
Glyphosate	F-E
Hexazinone	NIA

Imazapic	NIA
Imazapyr	G-E
Metsulfuron	NIA
Paraquat	NIA
Picloram	E
Rimsulfuron	NIA
Sulfometuron	NIA
Sulfosulfuron	NIA
Triclopyr	P-G

E = Excellent control, generally better than 95%

G = Good control, 80-95%

F = Fair control, 50-80%

P = Poor control, below 50%

Control includes effects within the season of treatment.

Control is followed by best timing, if known, when efficacy is **E** or **G**.

***** = Likely based on results of observations of related species

FLW = flowering

NIA = No information available

Fa = Fall

Sp = Spring

Su = Summer

RECOMMENDED CITATION: DiTomaso, J.M., G.B. Kyser et al. 2013. *Weed Control in Natural Areas in the Western United States*. Weed Research and Information Center, University of California. 544 pp.