

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 (wsweedscience.org) or the California Invasive Species Council (cal-ipc.org).

Clematis vitalba

Old-man's-beard

Family: Ranunculaceae (buttercup)

NON-CHEMICAL CONTROL

<i>Cultural:</i> grazing	G	Sheep will feed on seedlings and young vines at ground level.
<i>Cultural:</i> prescribed burning	NIA	
<i>Mechanical:</i> mowing and cutting	P	except seedlings
<i>Mechanical:</i> tillage	F	
<i>Mechanical:</i> grubbing, digging or hand pulling	G	roots must be removed from site, will regenerate from stem fragments

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	G
Dicamba	NIA
Glyphosate	E
Hexazinone	NIA

Imazapic	E*
Imazapyr	E
Metsulfuron	G
Paraquat	NIA
Picloram	E*
Rimsulfuron	NIA
Sulfometuron	NIA
Sulfosulfuron	NIA
Triclopyr	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.