

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).

Descurainia sophia

Flixweed

Family: Brassicaceae

NON-CHEMICAL CONTROL

| | | |
|-----------------------------------|----------|--|
| Grazing | F | moderately palatable to livestock |
| Prescribed burning | P | fire creates conditions favorable to flixweed invasion but can be used to reduce seed production |
| Mowing and cutting | P | can regrow following mowing, mow shortly before FLW and cut near ground level |
| Tillage | E | target seedlings and rosettes, germination after tillage is common when soil moisture is present |
| Grubbing, digging or hand pulling | E | hand-pulling or digging are effective |

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 | Imazapic | E |
| Aminocyclopyrachlor + chlorsulfuron | P | Imazapyr | E |
| Aminopyralid | P | Metsulfuron | E |
| Chlorsulfuron | E | Paraquat | G |
| Clopyralid | P | Picloram | NIA |
| Dicamba | E | Rimsulfuron | E |
| Glyphosate | E | Sulfometuron | E |
| Hexazinone | E | Sulfosulfuron | G |
| | | Triclopyr | NIA |

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.