



SMALL BUGLOSS

BOTANICAL NAME: *Anchusa arvensis*

WHAT DOES IT LOOK LIKE? Small bugloss is an annual, which reproduces by seed and may germinate in fall or spring. The plants grows 6 to 24 inches tall, has branching erect or sprawling stems. Larger plants may measure 3 feet in diameter. Both leaves and stems appear rough and wrinkled and are covered with bristly hairs that arise from warty bumps. Alternate, stiff wavy lance-shaped leaves grow 1 to 2 inches long, displaying wavy, entire or slightly toothed, margins. Leafy coiled flower stems bear the inconspicuous blue flowers.

WHERE DOES IT LIKE TO GROW? This native of Europe prefers roadsides, disturbed areas, pasture, and farm fields.

WHEN DOES IT BLOOM? Depending on establishment time and soil moisture these plants flower from May until hard frost.

HOW DOES IT SPREAD? This plant spreads by seed only. Each flower can produce four seeds (nutlets). One plant produces an average of 250 seeds.



CONTROL:

Mechanical - They can be dug out, making sure to remove the taproot, or regular cultivation that severs the roots below the crown can be effective in controlling Small Bugloss. Mowing does not control it because the taproots survive to regrow.
Biological - Small Bugloss is considered toxic to most grazing animals, and there are no currently approved bio-control insects for it.
Chemical - See the attached University of Idaho Extension chemical recommendation sheet. Of the options listed, we recommend treatment with **Metsulfuron Methyl** in the spring.

Want more information? Contact:

Kootenai County Noxious Weed Control
10905 N. Ramsey Road
Hayden, ID 83835
208-446-1290

kcnoxiousweeds@kcgov.us or www.kcweeds.com

Kootenai County does not discriminate against individuals or groups on the basis of disability in the admission or access to, or treatment in, its public meetings, programs, or activities. Requests for assistance or accommodations can be arranged by contacting the Noxious Weed Control Department at (208) 446-1290 or County Administration Office TTY (208)446-2145 with 3 days advance notice.

Small bugloss

Anchusa arvensis

Chemical control

Herbicide: 2,4-D ester

Description: Apply 2 lb ae/A 2,4-D ester; surfactant necessary

Timing: Rosette to bolting stages

Herbicide: glyphosate

Description: Apply 1 to 2% v/v glyphosate

Timing: Spot spray rosette to bolting stages

Herbicide: Tordon 22K (picloram)

Description: Apply 1 to 2 pt/A Tordon 22K; surfactant necessary

Timing: Rosette to bolting stages

Herbicide: Escort XP (metsulfuron)

Description: Apply 1 to 2 oz/A Escort XP; surfactant necessary

Timing: Rosette to bolting stages

**Always read and follow the label to ensure
any application made is safe and legal.**

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The above is an excerpt from Bulletin 865 *Idaho's Noxious Weeds 2011 Control Guidelines Noncrop and Rangeland Sites* published by University of Idaho Extension.