



Asotin County Noxious Weed Control Board

P.O. Box 881
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(509) 243-2098

Jointed goatgrass *Aegilops cylindrical*

Description: Jointed goatgrass has many stems and can grow 15 to 30 inches tall. The leaves are alternate and simple. The spike is cylindrical and is more than 10 times as long as wide. The seed heads break into individual segments at maturity.

Habitat: Jointed goatgrass grows along the margins of wheat fields as well as into the fields themselves. It will hybridize with wheat. It also grows in waste areas, alfalfa fields, and pastures.

Jointed goatgrass is usually recognized as a serious weed in winter wheat. However, it is spreading into disturbed rangelands. It is found in all major winter wheat producing areas in the United States

Mechanical: Jointed goatgrass can be effectively cultivated out, if alternative crops are rotated into the fields.

Biological: There are no known biological controls for this weed.

Fire: Unknown

Cultural control: Unknown

Fertilizer: Unknown

Chemical: These chemical recommendations are for noncropland areas and are summarized from the "Pacific Northwest Weed Management Handbook - 2004". These recommendations are not intended to be a complete resource guide. Label requirements need to be followed for restrictions, concentrations, timing, and nontarget interactions. Chemical control can be effective, but must be maintained for several years to exhaust the seed bank.

- **Glyphosate:**
Rate; 0.38 to 0.75 lb ae/A
Time; Apply to actively growing plants
Remarks; for spot use or along field edges

Caution; This is a non selective herbicide

- **Sulfometuron:** (Oust)
Rate; 1 to 1.5 oz ai/A
Time; Apply in fall or late winter before goatgrass is 3” tall
Remarks; Desirable grasses may be affected. Consult the label.
Caution; For use on non cropland. Avoid drift
- **Imazapic:** (Plateau)
Rate; 0.063 to 0.188 lb/A
Time; Apply preemergent
Remarks; Use lower rates for dry climates and low litter. Selective for most native grasses. Higher rates may suppress some grasses.

***No herbicides** are available that can selectively control jointed goatgrass in winter wheat; spring tillage and general grass killers provide excellent control.

Distribution: Jointed goatgrass is found in cultivated fields, along road ROW’s and in disturbed areas. Very little goatgrass has invaded rangelands.

ACNWCB Policy: In Asotin County, jointed goatgrass is controlled on a complaint basis when the complainant is an adjoining neighbor.

11/30/05

