



Knotweed

Fallopia x bohemicum, *F. sachalinense*, *F. japonica*



Bohemian knotweed, Giant knotweed, and Japanese knotweed

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|---------------------|---|
| General | Family: Buckwheat (Polygonaceae) Introduced from Asia Colorado List A - ERADICATION REQUIRED |
| Common names | Crimson beauty, Mexican bamboo, Japanese fleece flower |
| Habitat | Perennial shrub Colony forming Found in wetlands, drainages, and rights-of-way Was sold as an ornamental in the past Very invasive |
| PLANT | |
| Vegetation | Plant 10+ feet tall Leaves - smooth 3-4 inches wide and 4-6 inches long, somewhat oval shaped Stems - hollow between nodes. Papery sheath at nodes |
| Roots | Roots up to 6 feet deep Rhizomes spread up to 20 feet from plant |
| Flower | July-September White Small, in groups that grow from leaf axis |
| Seed | Small, winged, 1/10 inch wide |
| Seedling | Plants re-sprout from roots in the spring |
| Reproduction | Seed Rhizomes Roots Plant fragments |

| CONTROL -- CHEMICAL | | |
|--------------------------------|--|---|
| <i>Timing</i> | <i>Herbicide</i> | <i>Notes</i> |
| Spring to Fall | Aminopyralid (Milestone) Glyphosate (various w/aquatic label) Imazapyr (Habitat, Arsenal) | Use of a surfactant is recommended for most herbicides to help increase contact with the vegetation and to facilitate herbicide uptake. Refer to the specific label for the appropriate type of surfactant. Treating at younger stages stops weeds from using resources that desirable plants need to prosper. Refer to the individual label for allowed sites, specific timing, and restrictions about grazing and haying. Control will take a few years so treatment will need to be repeated. |
| CONTROL -- NON-CHEMICAL | | |
| <i>Technique</i> | <i>Timing</i> | <i>Method</i> |
| Biological | N/A | |
| Burning | N/A | |
| Cultivation | N/A | Cultivation severs the roots plants will regrow from the fragments. |
| Grazing | N/A | |
| Mowing | N/A | |
| Prevention | Anytime | Maintain the health of the site. |
| Removal | Not recommended | Hand pulling is not effective. All plant parts of Knotweed are capable of growing new plants. Pulling fragments the roots and will increase the infestation. Do not compost or dispose of as green waste. |

Use all chemicals according to the manufacturer's label. The label will provide specific instructions including allowed sites, application methods, rates, storage, re-entry requirements and personal protective equipment. No specific recommendation or endorsement is made or implied by listing the above methods or products. 9/2021