



Weeds know no boundaries – no place is immune





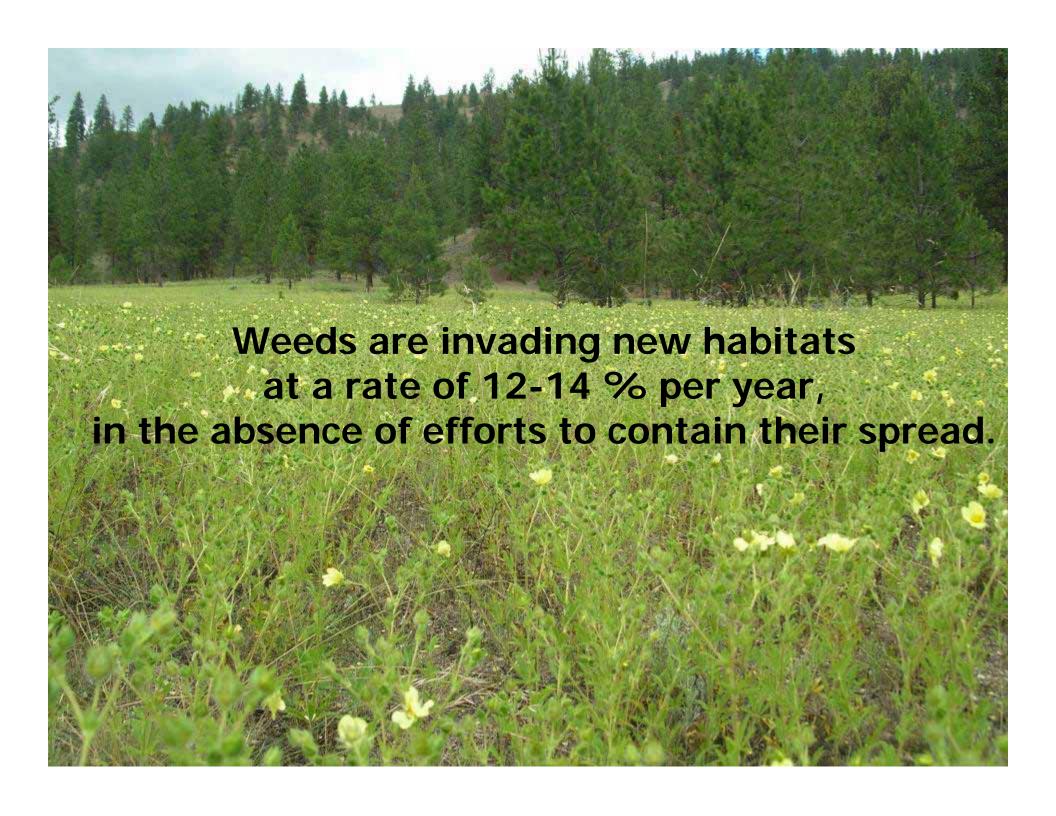
Invasive plants are a serious threat to the economy and biodiversity of the Okanagan region in BC & WA

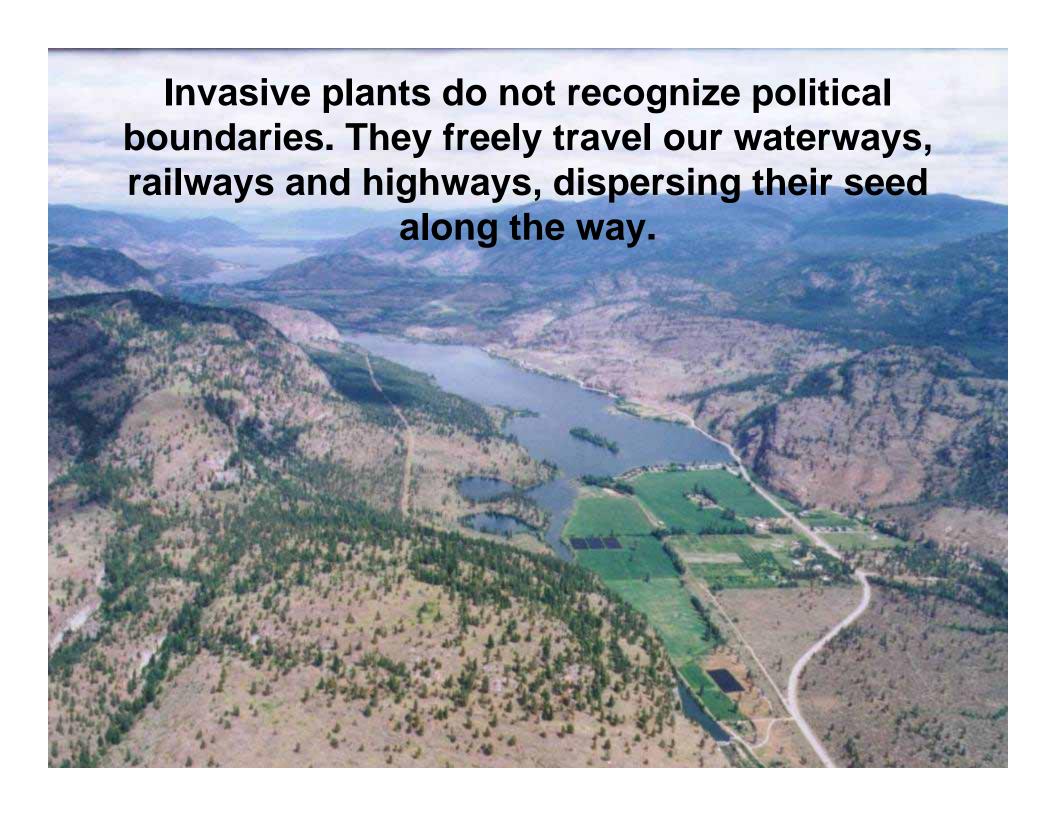


Invasive plants are impacting Species and Habitats at Risk









IDENTIFYING THE PROBLEM

DIFFERENT LEGAL REQUIREMENTS

FOR

WASHINGTON STATE

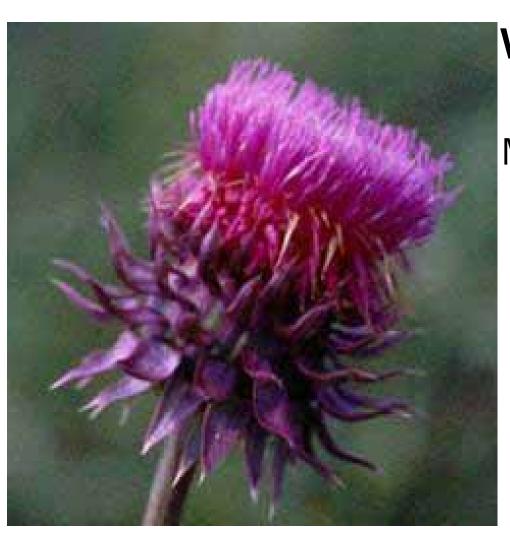


BRITISH COLUMBIA





MUSK (Nodding) THISTLE



Washington State Law RCW 17-10:

MANDATORY TO STOP SEED PRODUCTION

Canada:

Focus on biocontrol
Seeds blowing
across fence



MIRABILIS

Wildfour O'clock

Washington state:

Eradication required

Canada:

No control required



PUNCTUREVINE



Washington State:

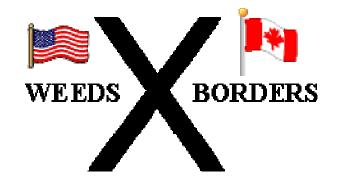
Class B Weed

Canada:

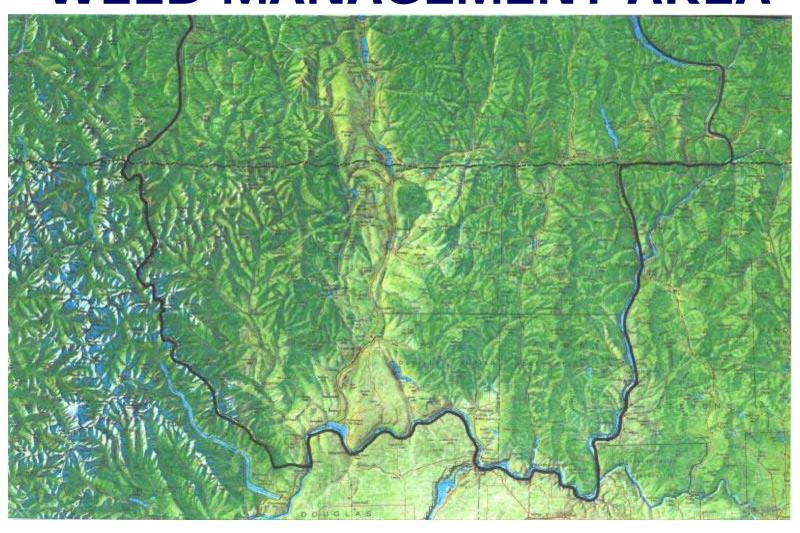
Control Required

THE PROJECT

CROSS BORDERS COOPERATIVE WEED MANAGEMENT PROJECT



CROSS BORDERS WEED MANAGEMENT AREA



PARTNERSHIPS!



Okanogan County
Weed Control Board



Agriculture and Agri-Food Canada













Funding

\$50,000 awarded by United States Federal Highway Administration (2004)

BC Inter-Ministry Invasive Plant Committee (2005)

Pulling Together Initiative (2006-07)

Canadian Invasive Alien Species Partnership Program (2006-07)



Priority Areas

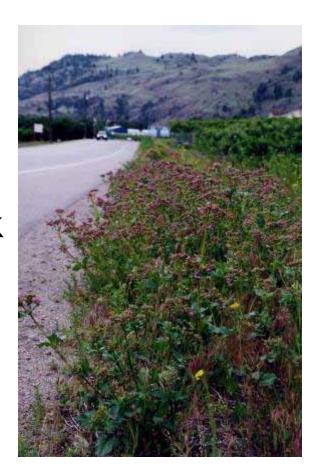
Roads

- State/Provincial Highways –3, 97, 20 & 21
- County Roads TorodaCreek, Chopaka & Nighthawk

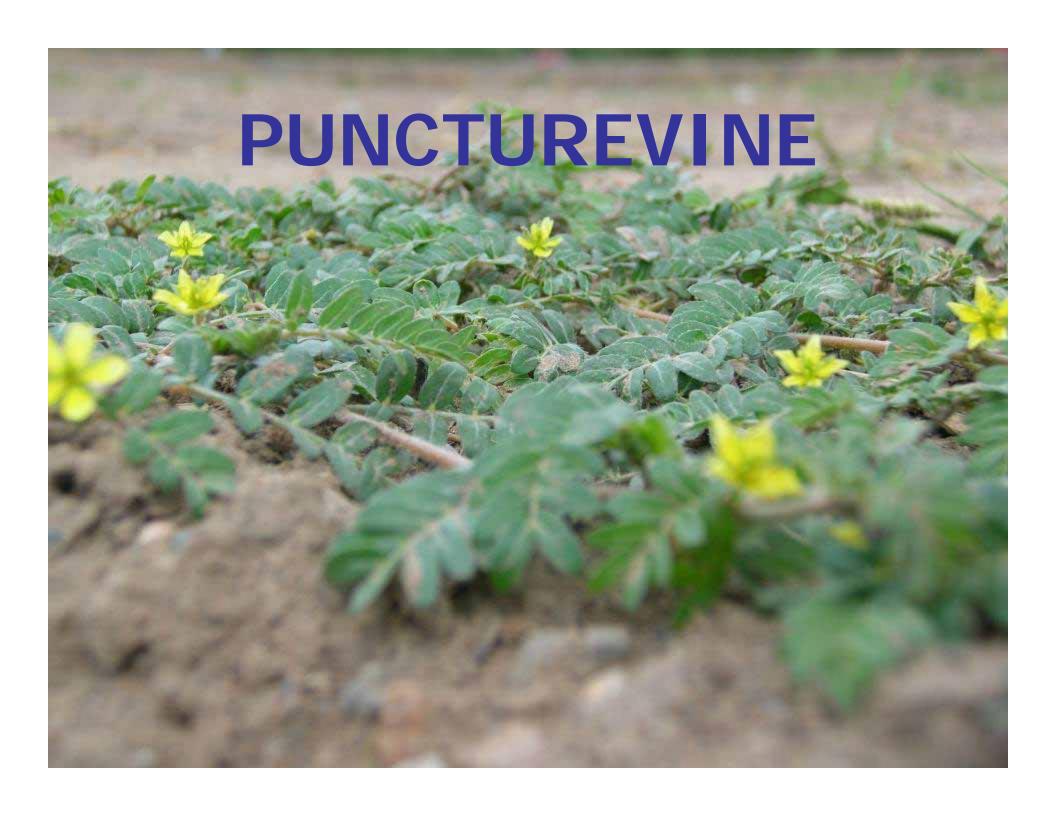
Waterways

Lake Osoyoos & Kettle River

All along the border



PRIORIY





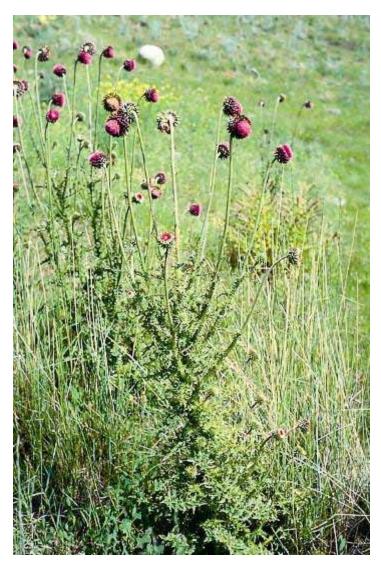






MUSK (Nodding) THISTLE



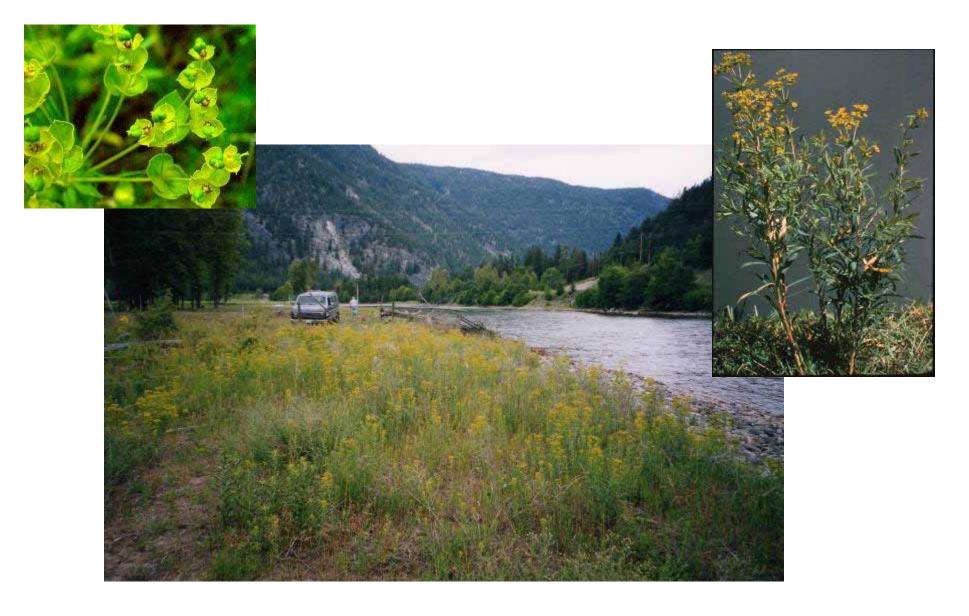


MIRABILIS

WILD 4 O'CLOCK



LEAFY SPURGE



ORANGE & MEADOW HAWKWEED





PURPLE LOOSESTRIFE



Integrated Approach

Education

- Series of Press Releases
- Flier
- Laminated Posters
- Legislative Tours

10 OLIVER CHRONICLE Wednesday, July 7, 2004

Noxious weed control efforts now cross-border endeavour

A US\$50.000 grant has been received from the US Department of Transportation to go towards a two-year Cross Borders Weed Project that involves the Oranagan-Stinilkamen and Boundary regions in BC and Okasogus and Ferry



A close up of the nodding thistle

Weed Committee has joined Strees with the Okanogan County Novation Wed Control Board, Boundary Weed Management Committee, BC Ministry of Transportation, Washington State Department of Transportation, Cascade and Columbia River Redress?

The project is an attempt to promote an integrated and coordinated approach to weed management and the improvement of desirable vegetation through information exchange, education and maining, coordination of inventory and control efforts, and sharing of resources when appropriate.

The participants recognize that through the development of an area-wide conditionated and cooperative approach to weed management, they can more effectively advance the actions necessary to achieve both the goals and objectives of the overall area and the respective and rividated and organizational responsibilities. One of the cooperative goals in an update our investory on investory on investory plants that are high priority in BC and WA. Therefore, we will be highlighting several target species during the course of the summer, so

worch your local newspaper for alerts on other invasive plants.

One of the weeks on the Cross Sterders' list is nodding or 'mask' histle, which has a limited distribution in the Okaragan. It usually occurs in isolated pockets along dry routsides and disturbed habitats. It is presently not legally categorized in British Columbia, howevor, in Washington Sate it is designated as a Class A weed (non-antive species with a limited distribution). Preventing new artistations and endication is the permany yeal for this designation.

permany youl for this designation. Nooding this the belongs to the San-flower family. It is distinguished by its nooding flower heads and dark green stemuleaf colour. It is a bisensial, growing up to 2.4 m tall with either solitory or branching non-oping stems at the base. The leaves are alternate and deeply shed with a spany white nearing. It has terminal and solitary flower leaks that are 2.5 = 5.0 cm in dismestrements are specific proportion. Nooding thistle is similar in appearance to the indigenous wavy leaf thistle, however this native species is generally lighter in colour with hairy leaf surfaces.

Flowering occurs from May to July followed by seed mituration and dispersal over 1 = 3 weeks. Seeds germinate in the full and form and over-wintering roostle. The roselets but the following spring between April and June. Each plant produces an average or 10,000 seeds that may remain viable for in least 10 years. Seeds disperse via wind, water, wildlife, livesteck and humans.

This invasive plant was introduced from literasis. It is a highly competitive weed, involving grasslinds and low elevation open forests, disturbed sites, pastures and rangeland. It is best controlled through, preventing send production. This can be accomplished by cutting or mowing second year plants at the base of the stem after flowering occurs, but before send set.

Pulling is also an effective control method provided the root crown is removed in its entirey. These control optims require rejected visits because flowering coers over a 4-7 week interval. Biological control agents are available for nodding listate when it grows in dense stands. The weevil fibriocyshu contcur is in use in British Columbia.

The bioapent feeds on the baves of nodding flistle and decreases seed pechation by boning into the flower head at the larval stage. The weevil has shren to reduce nodding this stands superficiently. Chemical control epitions are available, however, they are best timed to the resettle or very rarely stage of growth.

settle or very early stage of growth.

Please report any sightings of nodding histle to the SOS Weed Program Coordinator, Lisa Scott at ph: (250) 404-0115.



Nodding thistle resembles the indigenous wavy leaf thistle



Federal Legislative Tours



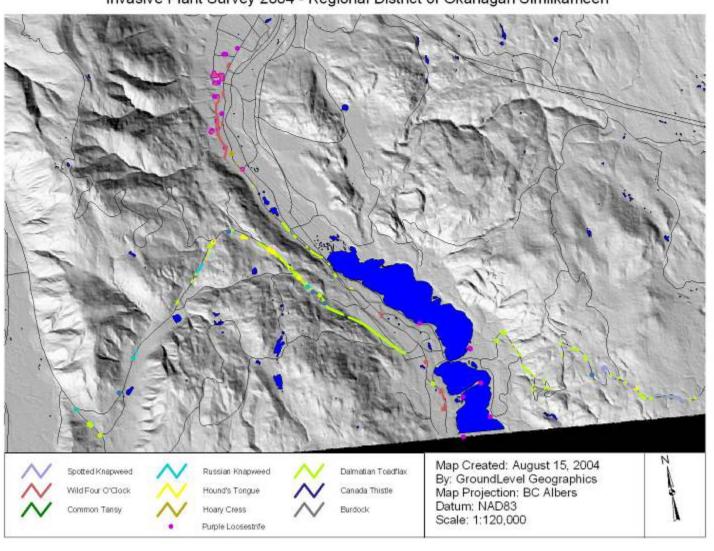
Attending the tours



- US Congressmen
- US Senator
- Washington State Representatives
- Washington State Senators
- Washington State Dept. of Agriculture
- Washington State Dept. of Ecology
- County Commissioners
- Members of Legislative Assembly
 - Minister of Water, Land and Air Protection
 - Minister of Agriculture
 - Minister of Transportation
 - Minister of Forests

Inventory and Mapping

Invasive Plant Survey 2004 - Regional District of Okanagan Similkameen



Treatment - IPM

Mowing

Site specific herbicide applications

Hand pull crews

Re-vegetation

Biocontrol agents

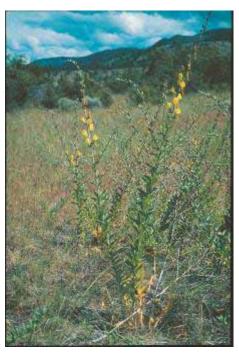














ANY QUESTIONS?





