

THE KNOTWEED COMPLEX

Provincial Overview



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OVERVIEW

- What Is The Big Deal?
- Why Haven't We Solved the Problem?
- Knotweed Status in B.C.
 - Regulation
 - Current vs Potential Range
 - Containment Lines





WHAT IS THE BIG DEAL?

Significant Environmental Impacts

Safety and Infrastructure



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WHY HAVEN'T WE SOLVED THE KNOTWEED PROBLEM?

- Reproduces by rhizome, stem/root fragments, sometimes seed
- Spread by water currents, mowing, grading, soil movement, intentional plantings
- Roots can grow up to 3-7m down and 20m lateral
- Often grows in close proximity to water
- Provincially regulated Pesticide Free Zones (PFZs)
- No systemic aquatic herbicides registered for use in CAN



REGULATORY STATUS IN B.C.

- Regulated Provincial Noxious Weed
 - Land occupiers required to prevent the spread of designated noxious weeds from their premises province-wide



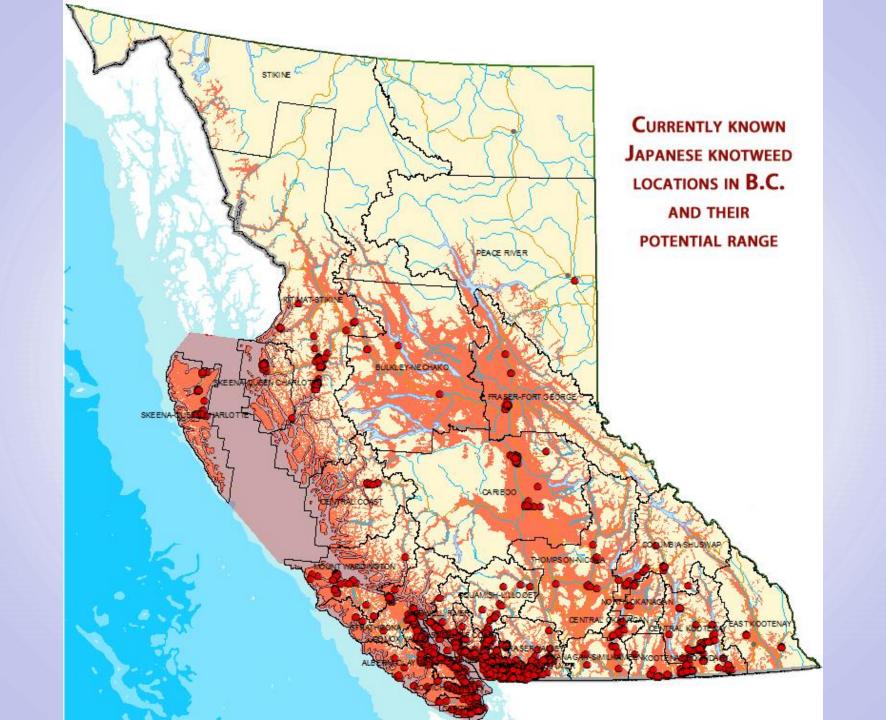
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B.C. CONTAINMENT LINE

- Land managers encouraged to control knotweed <u>wherever</u> possible
- Priority sites:
 - Satellite populations in previously un-impacted watersheds and at risk of spread into riparian areas
 - Sites subject to soil disturbance and rhizome spread (headwaters, flood zones, roadsides,
 - construction areas)
 - Sites in close proximity to infrastructure













- Best Management Practices for Crown Land (in draft)
- Herbicide Guidelines for Treatment of Knotweed (2016)
 https://www.for.gov.bc.ca/hra/plants/management.htm
- Monitoring Schedule









- Targeted surveys and stakeholder education in newly impacted watersheds/areas
- First Nations education and awareness/demonstration trials
- Supporting new aquatic herbicide registrations
- Supporting label revisions to re: stem injection









- Provincial pesticide use permits
- Girdling trials to contain root material and slow surface growth









Two agents under development for BC knotweeds: sap sucker psyllid and fungal leafspot



Sap sucking psyllid, CABI



fungal leafspot Mycospharella sp., CABI



Crown Land Treatments

Training for staff and contractors

Construction protocols







After a four-day hearing at Cardiff County Court, Recorder Andrew Grubb ruled in their favour and ordered the Government body to pay £4,320 to each claimant to treat the knotweed. And in what is being seen as a key test case, he also awarded them £10,000 each in compensation for the fall in value of their homes. Mr Waistell's bungalow, which was previously worth £135,000, is now valued at £69,000.

Crucially, the judge stressed that, if Network Rail failed to get rid of the knotweed, Mr Waistell and Mr Williams could claim for the full drop in the value of their homes.

http://www.dailymail.co.uk/news/article-4191944/Network-Rail-faces-huge-claims-Japanese-knotweed.html#ixzz4YAqqcs5l





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