

Japanese knotweed

New Growth Monitoring Control Protocol

Given the hardiness and rapid growth of Japanese knotweed, long-term monitoring is essential to ensure the success of the control protocols.

New growth is monitored on sites with geomembranes (see the "Geomembrane Installation Control Protocol" information sheet).



▲ Japanese knotweed © Denys Lortie



New growth © CQEEE ▶

Equipment

- Gloves
- Small pruning shears
- Trowel or shovel
- Cloth-backed tape (e.g., duct tape)
- U-bolts or stones
- Hammer
- Heavy-duty plastic bags
- Cable ties (e.g., Ty-Raps)

Frequency

Every two weeks during the growing season for at least five years.



▲ Bagging © Denys Lortie



▲ New growth © Comité ZIP Jacques-Cartier

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▲ Repairing a geomembrane © Comité ZIP Jacques-Cartier

Procedure

- 1 Pull out any new growth around the geomembrane and remove as many roots as possible. If several stems are growing in a clump, remove the root mass underneath, ideally with a shovel.
- 2 Look for knotweed shoots around the trees and shrubs surrounded by the geomembrane as they are optimal locations for new growth.
- 3 Inspect the site within a 10-metre radius of the membrane's edge and remove new growth and rhizomes that are connected to the monitored colony.
- 4 Examine the geomembrane for damage. Mend tears and rips with black cloth-backed tape (e.g., duct tape) or add a piece of geomembrane if the hole is large. If the membrane has shifted, re-anchor it to the ground.
- 5 Put ALL the removed plant matter (stems, roots and rhizomes) in heavy-duty bags and seal them with cable ties. Dispose of the bags with other household garbage or have them sent to a landfill. DO NOT compost Japanese knotweed or use green waste collection.

Note

During spring floods, make sure that shoreline geomembranes that might become submerged are stable.

Need more information?

Check out the other information sheets, the video on controlling Japanese knotweed, and the Web sites of the Comité ZIP des Seigneuries, the Comité ZIP Jacques-Cartier and the Conseil québécois des espèces exotiques envahissantes.

Produced by



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