

Invasive Garlic Mustard



Facts on Garlic Mustard

- ▶ One of the most invasive species in North America
- ▶ Spreading across the continent at a rate of 6,400 square km per year
- ▶ A single robust plant can produce 6000 seeds
- ▶ 3- 5 years of invasion destroys a forest understory - destroys biodiversity, no natural enemies
- ▶ Allopathic : produces a phytotoxin which inhibits growth of other plants and tress -
- ▶ GM seeds remain viable for as long as 10 years

Where is it?

- ▶ Kincardine Rail Trail
- ▶ Geddes Land / Burnside Trail
- ▶ Station Beach
- ▶ MacPherson Park
- ▶ Rotary Park
- ▶ Helliwell Park
- ▶ High school property (Around the field and the north side of Durham St embankment)
- ▶ Forest edges and areas of our trail system throughout the community.

What we have been doing?



What can we do?

- ▶ Bring in a Garlic Mustard expert to develop municipal eradication strategy
- ▶ Initiate a collaborative eradication program
- ▶ Launch an education campaign (When questioned, only 3 /20 Kincardine residents knew about Garlic Mustard)

Reference Information

- ▶ <https://www.ontarioinvasiveplants.ca/invasive-plants/species/garlic-mustard/>
- ▶ <https://www.natureconservancy.ca/en/where-we-work/ontario/our-work/stewardship/garlic-mustard-ON.html>
- ▶ Excellent Video: Controlling Invasive Garlic Mustard by Nature Conservancy of Ontario <https://www.youtube.com/watch?v=V4LJgJuyUi4>