



# Japanese Knotweed Treatment in the Town of Webb

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Herkimer County Soil & Water Conservation  
District

Gabrielle Lewosko & Alexis Sprague



# What is Japanese Knotweed?

- Invasive- Native to Asia
- Get can up to 10 feet in one growing season
- Hollow, bamboo like stem that can get around 2.5 cm diameter
- White flowers that appear in August-September
- It creates underground rhizomes systems
- Root system is shallow and wide, which can cause erosion

# Program Goals

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- Our Board of Directors passed a resolution that we will treat, from North to South
- Eradicating all high priority sites
- Prioritizing based on water quality concerns and being in the Black River watershed



# Treatment- Chemical

- We recently changed our chemical from Glyphosate to Horticulture Vinegar (Green Gobbler) and an Organic weed killer
- On the bigger plants we use an injector, and inject each individual plant
- On the smaller plants we spray the leaves of the plant



# Treatment- mechanical

- We looped some of the stalks down
- Bagging it all up and letting it dry out for a few days in the heat
- Once the season was over and the knotweed was dried out, we took it to the dump



# Japanese Knotweed treatment

- 2023 was our first treatment season in Webb
- We treated 6 sites along culverts, roadsides, and water.
  - There was a visible difference within just 1 year
- Landowners must sign an annual agreement before we can begin
- We currently have 7 signed landowner agreements for the 2024 treatment season

## INDEMNITY AGREEMENT: HERKIMER COUNTY SOIL AND WATER CONSERVATION DISTRICT INVASIVE SPECIES CONTROL WORK COMMERCIAL LAWN APPLICATION CONTRACT

\_\_\_\_\_, with a mailing address \_\_\_\_\_, phone \_\_\_\_\_; email \_\_\_\_\_ is the owner or agent (hereinafter referred to as the "Owner") of property located in \_\_\_\_\_, \_\_\_\_\_ County, New York, which property has a street address of \_\_\_\_\_ [or other identifier] (hereinafter referred to as the "Property").

Owner, in consideration of receiving assistance from Herkimer County Soil & Water Conservation District (HCSWCD) in controlling invasive species on the Property, hereby agrees as follows: Owner agrees to the physical, chemical or biological removal of invasive species from the Property by the HCSWCD (including employees, contractors, volunteers), and releases from liability and agrees to hold harmless the HCSWCD (including employees, contractors and volunteers) from and against any and all claims arising from these invasive species control activities on the Property, whether such activities involve the physical removal of invasive species from the Property, the use of chemical or biological control activities, or any other activity that the Owner and HCSWCD mutually choose to employ on the Property. Owner recognizes that there may be risks associated with all forms of invasive species control activities, and acknowledges that the HCSWCD has made no representations, express or implied, about any such risks or success of treatment. Invasive plant control measures using herbicides to treat invasive species will include applications of 20% Vinegar Weed Killer, (Green Gobler) with an active ingredient of Acetic acid (EPA Reg. No. 85208-1-93489) and Organic Weed Killer Concentrate, (Avenger) with an active ingredient of d-limonene (EPA Reg. No. 82052-1) by pesticide technicians, applicators, and trained volunteers selected by the District; including but not limited to: **Gabrielle Lewosko**, NYS Certified Commercial Pesticide Technician #T6906274; Gulf Road, Frankfort, NY 13340, Herkimer County Soil & Water Conservation District; 315-866-2520 Ext. 5. Another Herkimer County Soil & Water Conservation District Technician will work towards obtaining this certification within the treatment season.

Owner agrees to the collection of invasive species distribution and management data on the Property by HCSWCD (including employees, contractors, apprentices, or volunteers). HCSWCD may use or disclose data for research, education, or similar purposes. The term of this agreement will be one year from the date of Owner's signature. Each year, the Owner or Owner's authorized agent may request the specific date or dates of invasive species management to be provided and, if so requested, HCSWCD or its agents must inform of the specific dates and include that date or dates in this agreement. There will be no charge to the owner, with costs covered by donations from owners and others, grants, and the town/county. There is no guarantee that the control work will be performed. Included with this contract is a list of the pesticides to be applied and any label warnings that are pertinent to the protection of humans, animals or the environment. HCSWCD or the Owner may terminate this agreement at any time by written notice (email notice is allowed).

Executed on this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

Property owner or owner's agent signature/printed name: \_\_\_\_\_

If appropriate: Pesticide Applicator or Business Signature and Title \_\_\_\_\_

Please mail this signed agreement to address below with your name, address, email, and phone.

Herkimer County Soil and Water Conservation District  
5653 State Route 5  
Herkimer, NY 13350

e-mail: [glewosko@herkimercountyswcd.com](mailto:glewosko@herkimercountyswcd.com)

web: [www.herkimercountyswcd.com](http://www.herkimercountyswcd.com)

Phone: 315-866-2520 Ext. 5

For More Information on Knotweed Control go to [www.noknotweed.org](http://www.noknotweed.org)

# Before & After

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Questions?