



Extension

UNIVERSITY OF WISCONSIN-MADISON

Invasive Plants

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<https://renzweedscience.cals.wisc.edu/>

What is an invasive plant?

- Naturalized non-native plants
- Growing or spreading rapidly
- Cause or have potential to cause harm



Rob Routledge, Sault College, Bugwood.org

Invasive Dame's rocket

Why do we care about invasive plants?

- Invasive plants impact our lands and lives

1. Economics
2. Environment
3. Human Health





Bush Honeysuckles

Competition
for Resources

A close-up photograph of a Wild Parsnip plant. The plant features several bright yellow, umbel-shaped flower clusters on green stems. The leaves are green and deeply lobed. The background is a blurred green field.

Harm to
Human
Health

Wild Parsnip

What are we doing to reduce spread/impact

- Research
 - Management options
 - Predicting spread/suitable habitat
 - Revegetation/restoration
- Education/Outreach
 - Tools
 - Factsheets
 - Presentations/workshops
- Empowering people to help!



<https://renzweedscience.cals.wisc.edu/>

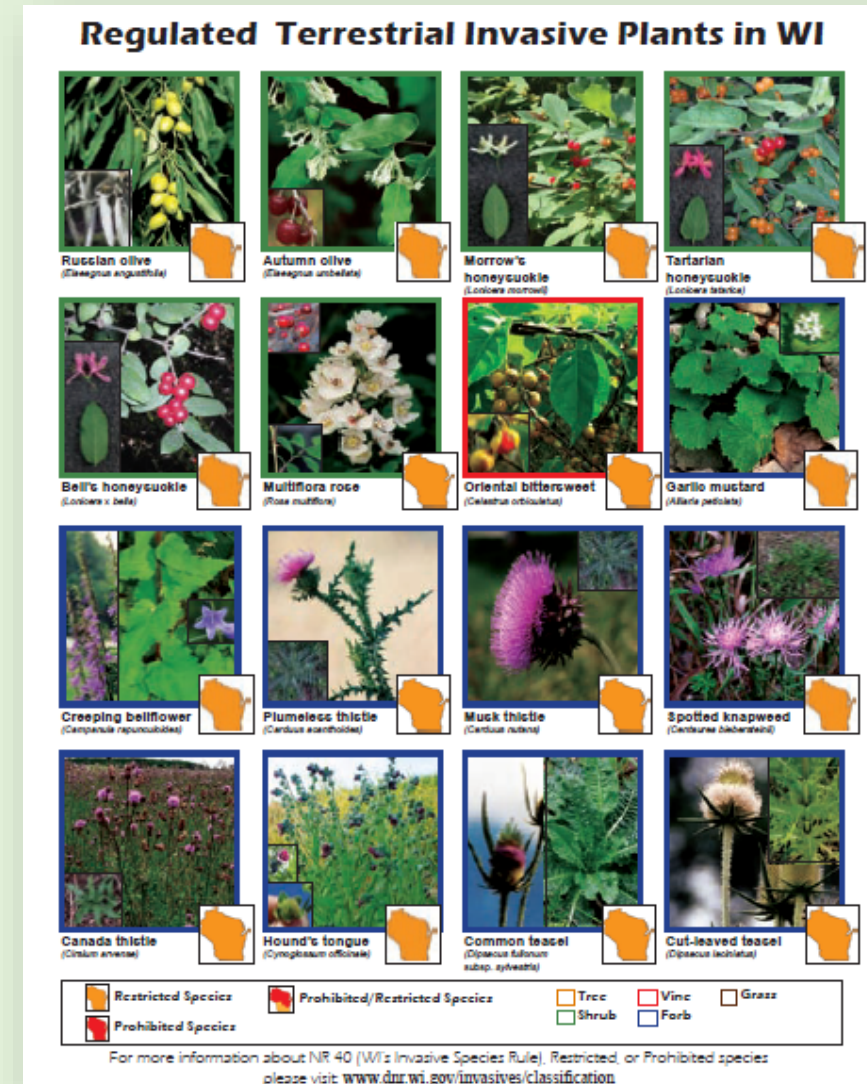


A statewide citizen science network for invasive species monitoring and education

fyi.extension.wisc.edu/wifdn

Wisconsin's Invasive Species Rule- NR40

- Education about invasive species
- Goal to prevent introduction and spread
- Over 200 species listed as either "Prohibited" or "Restricted"



NR40 Classification

PROHIBITED



- Not yet established or only in pioneer stands
- No person may transport (import/ move), **possess**, transfer (buy/ sell) or introduce a prohibited species without a permit

RESTRICTED



- Already established in state
- No person may transport (import/ move), transfer (buy/ sell) or introduce a restricted species without a permit

PROHIBITED



RESTRICTED



Find the list of regulated species
at dnr.wi.gov, search "NR40"

How do invasive plants spread?

- Humans/pets
- Recreational equipment
- Vehicles, boats, mowers
- Plant nurseries/sales





STOP AQUATIC HITCHHIKERS!™

Be A Good Steward.
Clean. Drain. Dry.

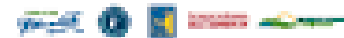
StopAquaticHitchhikers.org



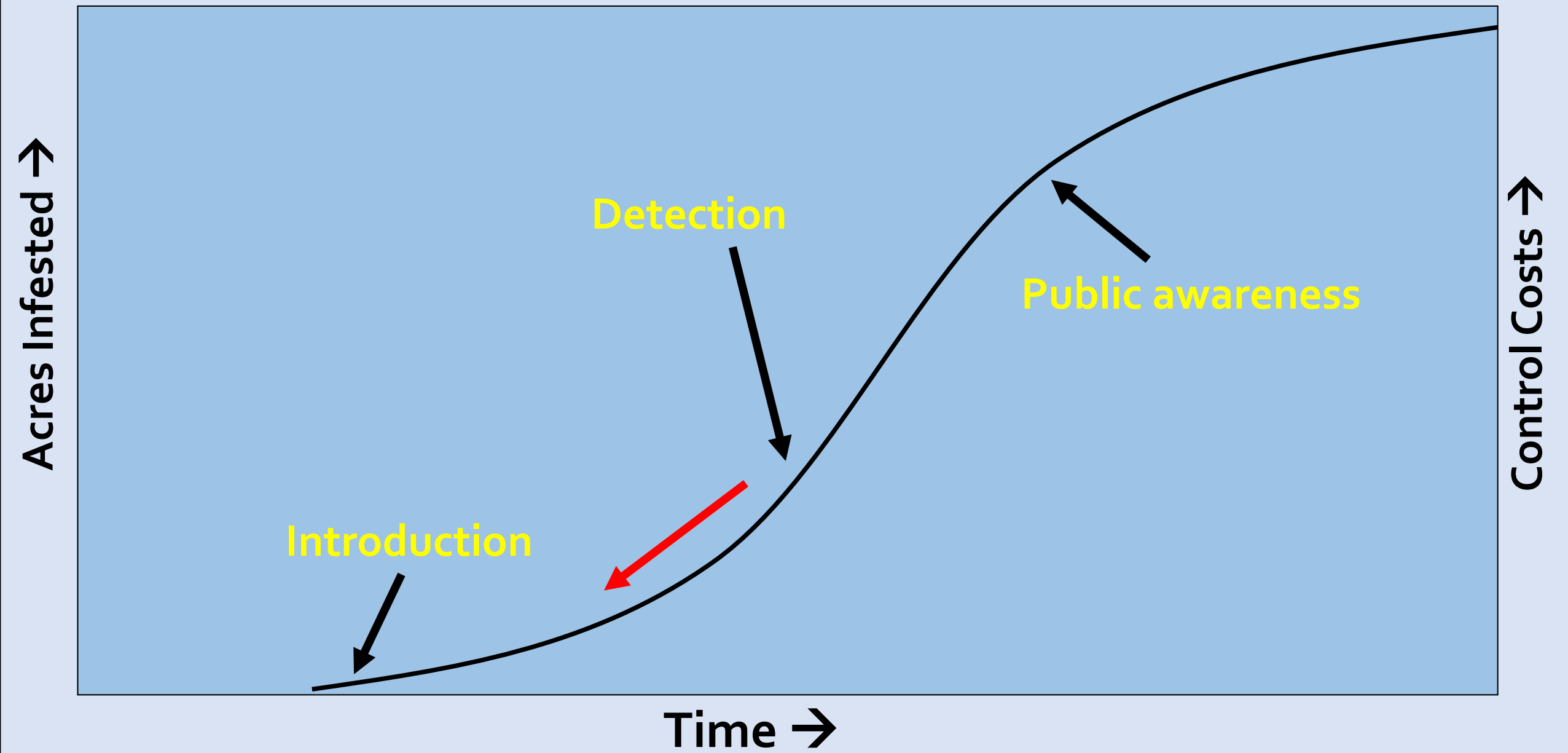
**STOP INVASIVE SPECIES
IN YOUR TRACKS.**

PlayCleanGo.org

Clean Your Gear Before
Entering And Before Leaving
The Recreation Site.



Invasion Process



Citizen Science + Monitoring

“The involvement of
the public in scientific
research”

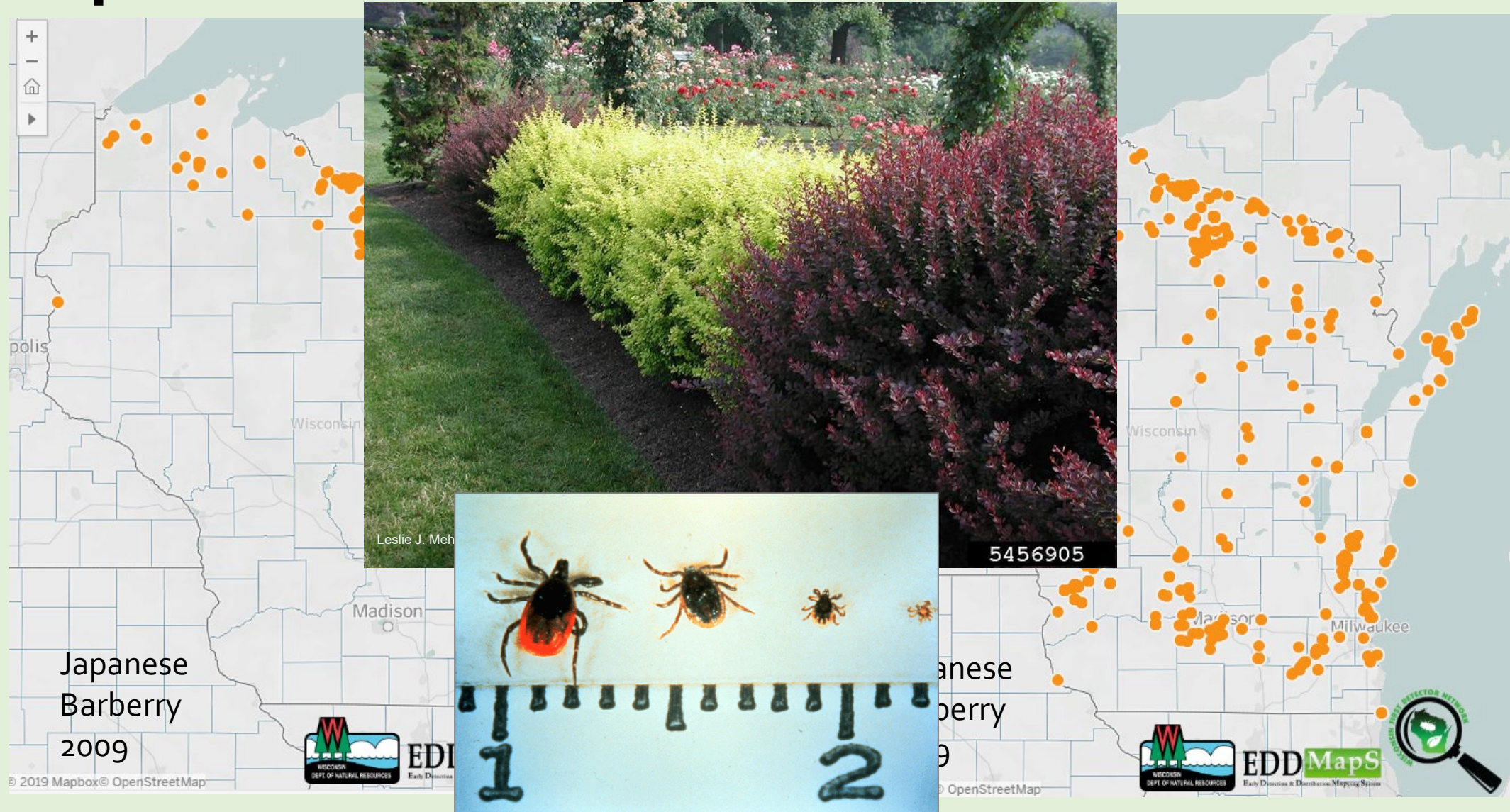
- Citizen Science Association



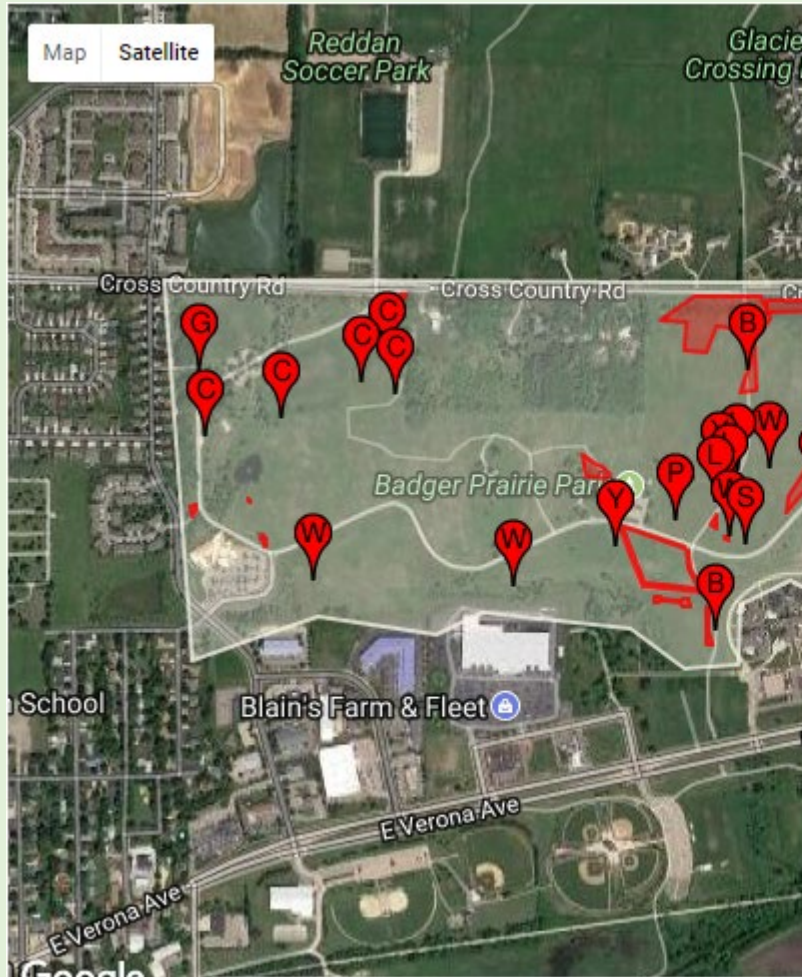
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**What do we learn from invasive
species monitoring?**

Improve knowledge of distribution



Better-informed management



Report Management Activities

Site

Dane County--Badger Prairie

Crew

Crew List

Record Date

mm/dd/yyyy

Time

Start

End

Total Hours Worked

Hours Worked

Miles Driven (Travel):

Beginning Mileage

Ending Mileage

Miles Traveled

miles

Notes

Slope Aspect:

Slope Aspect

Temperature (in Fahrenheit)

Start Degrees

End Degrees

Wind Direction:

Direction

Method

Method Name

Hours

Select method

Pesticides

Pesticide List

Mappings

ID	Subject	Date	Eradication Status
5160209	purple crown-vetch	09/07/2017	No Action
5160208	leafy spurge	09/07/2017	No Action
5160207	garlic mustard	09/07/2017	No Action
5160206	birdsfoot trefoil	09/06/2017	No Action
5160204	common tansy	09/06/2017	No Action
5160203	birdsfoot trefoil	09/07/2017	No Action
5160202	purple crown-vetch	09/07/2017	No Action
5160201	birdsfoot trefoil	09/07/2017	No Action

Map

Satellite

GLACIER RIDGE

Reddan Soccer Park

Glacier Crossing Park

Cross Country Rd

Badger Prairie Park

E Verona Ave

School

Blain's Farm & Fleet

Reporting invasive plants

- Plants that have naturalized; i.e. they weren't planted on purpose
- 3 options
 - Fill out form on EDDMapS website
 - Use GLEDN app
 - Email WIFDNcoordinator@gmail.com

More information on reporting at
fyi.extension.wisc.edu/wifdn

Questions? Contact WIFDN!

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608-262-9570

fyi.extension.wisc.edu/wifdn