

WHICH INVASIVE PLANTS IMPACT YOUR GOALS?

Difficult to answer as impacts of invasive species are

- Species specific
- Location specific
- Density specific



WHICH INVASIVE PLANTS IMPACT YOUR GOALS?

Ones I would prioritize

1. Species that increase potential to harm humans
2. Species that have documented ecosystem impacts
 - Reduce forest regeneration, biodiversity, nutrient cycling
3. Species that are just establishing
 - can easily be eradicated

Work with experts to help with prioritization

APPROACH TO MANAGING INVASIVE PLANTS

Step 1: Plant identification

Step 2: Distribution of population

Step 3: Select appropriate control tactic(s)

Step 4: Apply control method(s)

Step 5: Monitor and adapt management



MANY CONTROL TACTICS

- Manipulation of the environment
- Physical/mechanical management
- Prescribed fire
- Biological control
- Herbicide



WHAT TECHNIQUES SHOULD I BE FAMILIAR WITH TO CONTROL WOODY SPECIES

- Something to cut down woody species
 - Chainsaw
- Something to pull them out of the ground
 - Weed wrench/pulling implement
- Something to spray with a herbicide
 - Foliar, Basal bark, Cut stump/surface



MARK'S LIST OF INVASIVE PLANTS TO KEEP OUT OF WI FORESTS

FOREST ECOSYSTEM CHANGERS

- bush honeysuckles*
- autumn Olive
- Japanese barberry*
- black locust
- common/glossy buckthorn
- garlic mustard
- multiflora rose

EARLY DETECTION SPECIES

- black swallowwort
- Japanese hedge parsley
- tree-of-heaven
- burning bush
- Asian bittersweet
- Porcelain berry
- Lesser celandine
- Amur corktree

*Known to directly or indirectly cause impacts to human health

MARK'S TIPS FOR INVASIVE PLANT MANAGEMENT PLANNING

1. Monitor for new species entering your lands every year
 - If you find one evaluate the benefit/risk of doing nothing
 - If you can't identify a new plant, ask an expert
 - Find source populations and minimize spread
 2. Manage invasive plants based on your personal goals for the land
 - Keep invasive plants known to impact woods out of your forest
 - For larger problems think about a multi-year approach
 3. Utilize experts and science-based publications to assist your needs
 - People will help, just ask!
 4. Incorporate invasive plant management into your forest management plan
 - Easy structure to include information
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THANKS FOR THE TIME AND GOOD LUCK!



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