# 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

## 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

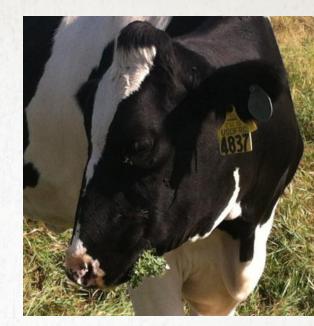


## **MANY CONTROL TACTICS**

- 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

## THANKS FOR THE TIME AND GOOD LUCK!







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