

## Creating an Invasive Plant Management Plan

### I. Gathering Information

- a. Site Description
- b. Facilities
- c. Neighbors
- d. Uses of Property
- e. Inventory
- f. Source(s) of Invasion
- g. Resources

### II. Setting Goals

- a. Zero Tolerance
- b. Acceptable Threshold
- c. Slow the Spread

### III. Selecting Actions

- a. Kill them all!
- b. Limit shading
- c. Limit continuing growth
- d. Limit reproduction
- e. Promote growth of desirable vegetation
- f. Site-level sanitation
- g. Monitoring and Early Detection
- h. Education and Awareness

### IV. Management Methods and Concepts

- a. Know Your Enemy!
- b. Integrated Pest Management
- c. Review Management Plan Annually

### V. Resources

- a. Invasive Plants Association of Wisconsin  
<http://www.ipaw.org>
- b. The Nature Conservancy  
<http://tncweeds.ucdavis.edu/index.html>
- c. Wisconsin Dept. of Natural Resources  
<http://dnr.wi.gov/invasives>

#### Some Possible Sources of Invasion

- Past disturbances: grazing, logging, road construction, quarrying
- Current disturbances: erosion, run-off
- Recreational users (footwear, tire treads, horses, duck blinds)
- Wildlife
- Roadside mowing
- Waterways
- Neighbor's property
- Vehicle tires (parking lots, roads, trails)
- Improperly treated compost
- Gravel or topsoil delivered from off-site
- Don't forget land managers!!

#### Ideas for Site-Level Sanitation

- Place boot brushes at trailheads
- Provide ATV/Bike-washing station at trailheads
- Close or reroute trails that pass through infested areas
- Remediate erosion
- Clean mowing/maintenance equipment
- Adjust mowing schedule to minimize spread of invasives
- For management or maintenance activities, operate in clean areas first and infested areas last

#### Know Your Enemy!

- Life cycle and phenology
  - Perennial or monocarpic
  - Leaf-out, blooming, fruiting times
- Mode of spread
  - Wind
  - Water
  - Seed
  - Rhizomes or stolons
  - Birds or other wildlife
- Windows of Maximum Vulnerability
  - boot stage for grasses
  - spring leaf-out for shrubs