

UW-Madison Lakeshore Nature Preserve

Invasive Plant Control Guidance

Adopted by the Preserve Committee April 10, 2015

Non-native invasive plants present a significant threat to the quality and biodiversity of the natural areas within the Lakeshore Nature Preserve.

In our effort to steward these lands in support of the Preserve's mission to, ". . . *permanently protect the undeveloped lands along the shore of Lake Mendota . . .*" including ". . . *biologically significant plant and animal communities for teaching, research, outreach, and environmentally sensitive use; and safeguards beloved cultural landscape features. . .*" , Preserve staff have compiled the following invasive plant control guidance and a separate control methods handbook to address how invasive plants are being managed in the Preserve.

While strategies differ for each invasive plant and specific site, the following basic management guidelines coupled with best management practices remain the same for all invasive plant control within the Lakeshore Nature Preserve and include:

- Compliance with:
 - UW-Madison Pesticide Use Policy (which covers application, training, public notification requirements, record keeping, spill response, disposal)
 - Environment, Health and Safety Department and EPA Worker Protection Standard WPS
 - UW-Madison Archaeological Sites: Land Management Guidelines
- Monitoring current infestations and scouting for new infestations
- Initiating pro-active best management practices to reduce infestations
- Mechanical methods are employed first, with emphasis placed on utilizing whatever time and labor saving equipment is available
- Chemical methods follow mechanical means when necessary, and emphasis is placed on using the smallest amount of the least harmful (to people, other animals, non-target plants, the environment) chemical necessary to accomplish the task
- Control strategies are designed for implementation in ecologically and culturally sensitive areas (wetlands, Indian burial mounds, etc.) and with a minimum impact on non-target species

The separate control handbook documents the processes and procedures utilized by staff and contractors engaged in invasive plant control in the Lakeshore Nature Preserve. It is a fluid document that will be updated and informed by continuing research, education and applied field experience.

For additional questions or comments, please contact Laura Wyatt, Program Manager for the Lakeshore Nature Preserve at lw Wyatt@fpm.wisc.edu, or 608.265.9275.

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