



Weed Abatement Program

Lancaster County / City of Lincoln

February 2012

www.lancaster.ne.gov/weeds

Weed Control Awarded \$6,400 Grant

Lancaster County Weed Control Authority recently received a \$6,400 grant for our **Upland Phragmites Survey and Eradication Project** from the Nebraska Department of Agriculture (NDA) Noxious and Invasive Weed Initiative grant fund. This grant is a great way for us to stretch our resources on this project.

The components of the grant are:

Awareness Campaign - \$1,800 NDA

There will be numerous information activities to make all the citizens in Lancaster County aware of the economic problems we face if [phragmites](#) is not controlled in its early stages. We plan to use our new [Weed Watcher](#) program to get others involved in identifying and reporting phragmites. Awareness will include tours and meetings, letters to landowners, educational kiosk along popular trails, exhibits at fairs and home shows, news articles, and the March 2012 University of Nebraska Extension [NEBLINE](#) Weed Awareness insert reaching over 12,000 homes.

Remote sensing - \$2,000 D/U Grant

Early detection and rapid response is the key to any successful eradication plan. Remote sensing using infrared imagery is being funded by a \$2,000 Ducks Unlimited Grant received by the Lower Platte Weed Management Area. We will use the information provided by this new technology to find new locations of Phragmites that we previously were unable to locate.

Surveying and Mapping - \$2,600 NDA

It is critical to the success of this control plan that we conduct surveys on the ground to positively identify the Phragmites indicated

by the remote sensing. Detailed records will be entered into our Oracle database.

Control Plan - \$2,000 NDA

We will develop and Implement a detailed Control Plan for each landowner to follow. This will include a signed plan with the landowner with the proper control methods depending on the location and the size of the infestation.

Final Goal

The entire project is based on Early Detection Rapid Response. The earlier an infestation is located the quicker we can work with the landowner to implement effective control. This will benefit approximately 600 landowners, both public and private, amounting to around 200 acres of new infestations being controlled. The habitat that phragmites infest is used by waterfowl and many types of migratory birds as well as many species of wildlife.

Updated Weed Authority Web site:

Go to www.lancaster.ne.gov/weeds or Click on these links for our new resources.
[Phragmites vs. Ornamental grasses](#)
[Noxious Weed Identification](#)
[Weed Watcher Resource Guide](#)
[2012 NEBLINE Insert](#)
[Guide for Phragmites Control](#)
[Knotweed factsheet](#)





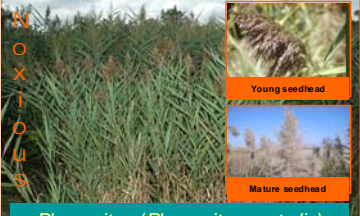




March Planned Activities

- 8 Management Team Meeting
- 8 SE NACO Meeting
- 9 NE Invasive Species Council
- 12 NE Department of Roads
- 13 5 Rivers WMA
- 16-18 Husker Lawn & Leisure Show
- 20 LPWMA Meeting
- 21 Lincoln Parks & Recreation
- 29 Problem Resolution Team

We have created two new identification guides that are available at our office. Or feel free to download them off our website at www.lancaster.ne.gov/weeds by clicking on the thumbnail at the bottom of the home page.


Phragmites vs. Ornamental Grasses

"to help identify Invasive Phragmites vs. Ornamental Nebraska grasses"

 <p>Maidengrass (<i>Miscanthus sinensis</i>)</p>	 <p>Hardy Pampas (<i>Saccharum ravennae</i>)</p>	 <p>Rubygrass (<i>Melinis nerviglume</i>)</p>
 <p>Big Bluestem (<i>Andropogon gerardii</i>)</p>	<div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; color: orange; font-size: small;">NOXIOUS</div>  <p>Phragmites (<i>Phragmites australis</i>)</p>	 <p>Fountaingrass (<i>Pennisetum alopecuroides</i>)</p>
 <p>Giant Sacaton (<i>Sporobolus wrightii</i>)</p>	 <p>Switchgrass (<i>Panicum virgatum</i>)</p>	 <p>Moorgrass, purple (<i>Molina caerulea</i>)</p>

NEBRASKA'S NOXIOUS WEEDS

It is the duty of each person who owns or controls land to effectively control noxious weeds on such land.

 <p>Musk Thistle</p>	 <p>Leafy Spurge</p>	 <p>Phragmites</p>
 <p>Knotweed</p>	 <p>Purple Loosestrife</p>	 <p>Canada Thistle</p>
 <p>Saltcedar</p>	 <p>Spotted and Diffuse Knapweed</p>	 <p>Plumeless Thistle</p>