

Noxious Weed I.D.

Brent Meyer

Lancaster County Weed Superintendent

Pat Dugan

Lancaster County Chief Inspector

09.04.2012 22:12

Nebraska's Noxious Weeds

1. Canada Thistle - 1873
2. Musk Thistle - 1962
3. Leafy Spurge - 1962
4. Plumeless Thistle - 1975
5. Spotted Knapweed - 1992
6. Diffuse Knapweed - 1992
7. Purple Loosestrife – January 2001
8. Saltcedar –January 2005
9. Phragmites – April 2008
10. Japanese Knotweed – February 2011
11. Giant Knotweed– February 2011
12. Sericea Lespedeza – April 1, 2013

Lancaster County Noxious Weeds

1. Cutleaf teasel - July 1, 2014
2. Common teasel – July 1, 2014

* Required control in Lancaster County

Noxious Weed Control Act

- The failure to control noxious weeds on lands in this state is a serious problem which is detrimental to the production of crops and livestock and to the welfare of residents of this state and which may devalue land and reduce tax revenue;

Noxious Weed Control Act

- It is the duty of each person who owns or controls land to effectively control noxious weeds on such land.
- County boards or control authorities are responsible for administration of noxious weed control laws at the county level

Nebraska's Noxious Weeds

- **Musk Thistle** *(click to view video)*
- Plumeless Thistle
- Canada Thistle
- Spotted and Diffuse Knapweed
- Leafy Spurge
- Purple Loosestrife – became a noxious weed Jan. 2001
- Saltcedar – became a noxious weed Jan. 2005
- Phragmites – became a noxious weed April 2008
- Knotweeds, Japanese & Giant – became noxious weed February 2011
- Sericea Lespedeza – April 2013









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Bare and showing
no stem wings

Stem wings extending
Up to flower – note the
different bracts below the flower

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Seed heads / Flower much smaller – Dime
Size in general and in dense clusters on terminal ends







Dense Monoculture

Other Thistles – Common to NE

- Wavyleaf Thistle
- Tall Thistle
- Bull Thistle
- Scotch Thistle



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Nebraska's Noxious Weeds

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- Plumeless Thistle
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- Leafy Spurge
- **Purple Loosestrife** *(click to view video)* – became a noxious weed Jan. 2001
- Saltcedar – became a noxious weed Jan. 2005
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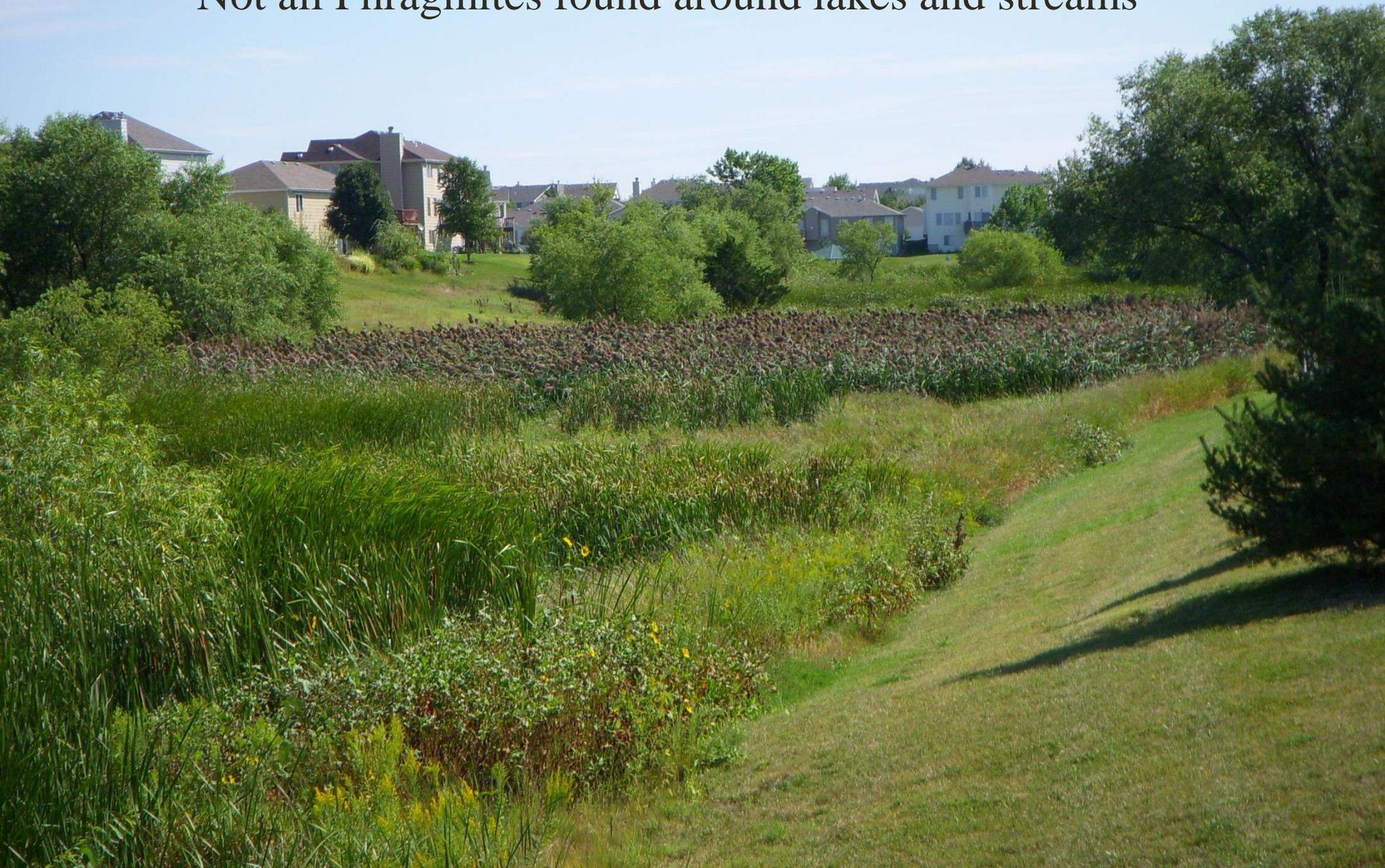




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Not all Phragmites found around lakes and streams











Platte River channel near Lexington



Seed heads during the Winter



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Japanese Knotweed early spring









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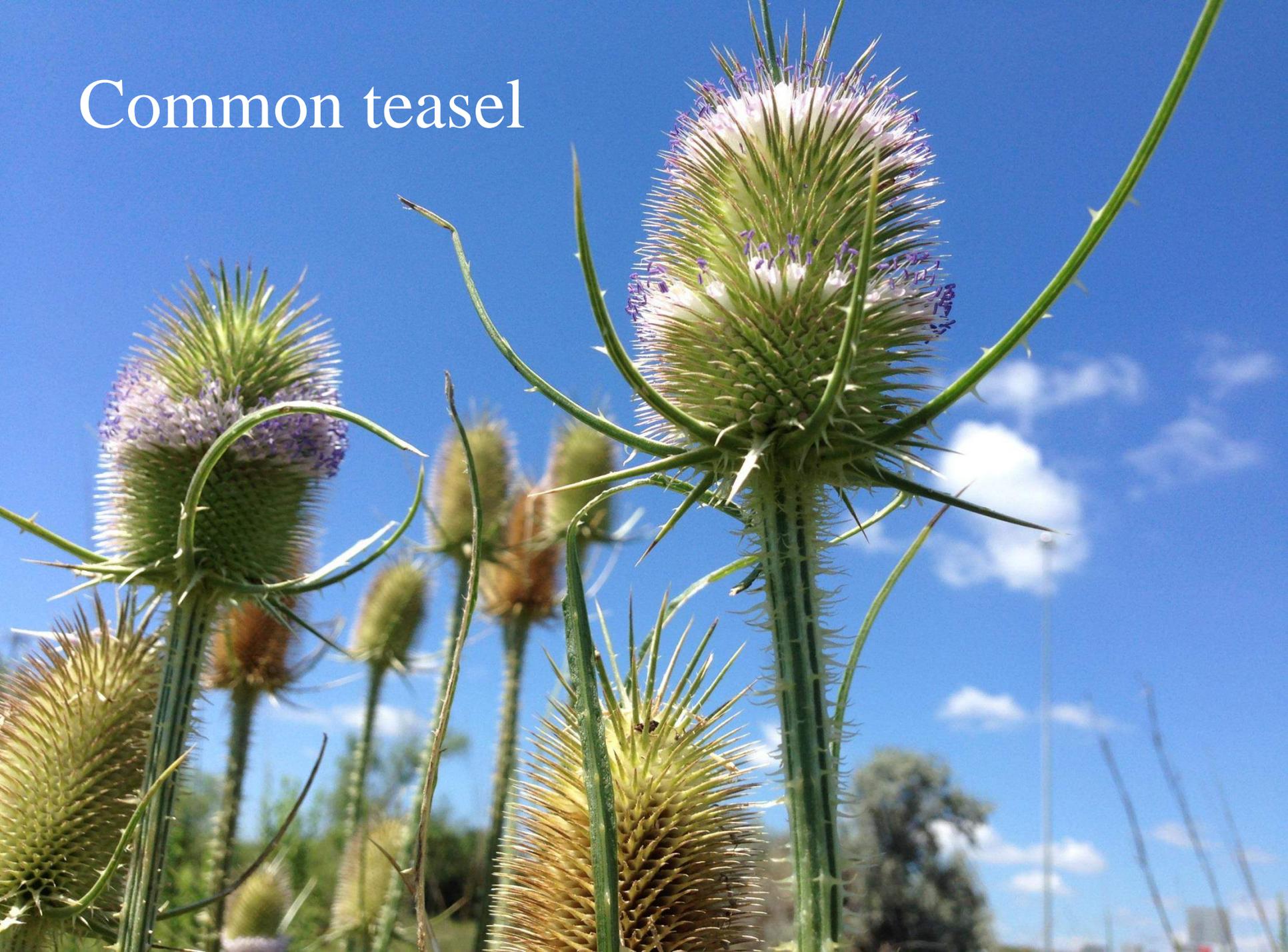


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Common teasel



Common teasel



Cutleaf teasel





Cutleaf teasel



cutleaf teasel rosette vs. musk thistle rosette



Common teasel



Cutleaf teasel



Kansas uncontrolled teasel infestation



Early Detection – Rapid Response

Control Recommendations

UNL Extension EC 130

Guide for Weed Management in Nebraska

Noxious Weed Section

- Herbicide
- Rates & Timing
- Cost

Thank you

For more information on noxious weed ID.

Lancaster County Weed Control

402-441-7817

email: weeds@lancaster.ne.gov

website: www.lancaster.ne.gov/weeds