

Logan County Weed Board

301 Broadway
Napoleon, ND 58561
701-754-2504

Logan County Weed Board

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Randy Ben, Gackle
Blanche Schumacher, Napoleon
Sheldon Gerhardt, Extension Agent, Napoleon
Dustin Hammond, Admin Asst., Napoleon

DATE: April 15th, 2022

TO: Logan County Landowners

The Logan County Weed Board is offering the cost share of any chemicals recommended in the 2022 ND Weed Control Guide for spring control of leafy spurge, spotted knapweed, yellow toadflax, Canada thistle, and wormwood. ***Canada thistle and wormwood control is offered with a limit of \$500. *Palmer Amaranth control will be cost shared at maximum \$500 for labor, not chemical.**

Pasture and rangeland reimbursement is available at 80% of the cost of chemicals. For control along roadside right-of-ways, reimbursement is available at 100% of the chemical cost. Cost-share is not available for cropland, CRP, or labor for these weeds. **Limits of \$24/acre and \$5,000 total reimbursement per producer, per calendar year apply.**

The best leafy spurge control is with use of Plateau which can be used as either a spring or fall applied chemical. It is important to understand the different rates and combinations for each season of use. In spring leafy spurge should be sprayed in the true flower stage before the seeds set. The recommended combination and rate per acre for spring are: **4 ounces of Plateau, 1 quart of 2, 4-D, 1 pint of Tordon (RUP), and 1 quart of Methylated Seed Oil (MSO) adjuvant.** *It is **VERY** important that you use all four of these chemicals at this recommended rate for optimum results. Some grasses may show temporary stunting with this mix.

If you plan to use a fall application, you must do some treatment in the spring to prevent the leafy spurge from blooming and setting seed. This can be accomplished by spraying a light dose of 2,4-D or clipping. A fall cost-share form will be set in August for any covered control measures completed between July 1 - Nov. deadline.

Tordon 22K and Milestone are among chemicals effective in the control of spotted knapweed. The best time to control is at the rosette stage.

For control of yellow toadflax, a tank mix of Tordon, 22K at the high rate and Overdrive has been providing results. Applying midsummer during flowering or in fall prior to a frost is recommended for the best control.

Milestone and Chaparral can be applied to wormwood in early spring. 2,4-D, Dicamba, Curtail and Tordon are among options when plants are at least 12 inches tall and actively growing.

Enclosed is a two-sided **application**, which must be completed and returned with copies of the **receipt for chemical(s)** used and an **FSA (or similar) map** showing areas that were sprayed. All documentation **must be received** in the extension office by **June 24th, 2022 (Friday)**. An incomplete application or documentation may cause reimbursement to be delayed or denied at the discretion of the Logan County Weed Board.

Controlling noxious weeds is required by North Dakota Law. Our program has been successful in the past due to the concern and involvement of Logan County citizens and landowners. The weed board hopes this can continue. Contact the Logan County Extension Office with questions or concerns at 701-754-2504 or email dustin.hammond@ndsu.edu.

North Dakota Noxious Weeds

- [Absinth Wormwood](#) (Artemisia absinthium L.))
- [Canada Thistle](#) (Cirsium arvense (L.) Scop.)
- [Dalmatian Toadflax](#) (Linaria genistifolia spp. dalmatica)
- [Diffuse Knapweed](#) (Centaurea diffusa Lam.)
- [Houndstongue](#) (Cynoglossum officinale L.)
- [Leafy Spurge](#) (Euphorbia esula L.)
- [Musk Thistle](#) (Carduus nutans L.)
- [Palmer amaranth](#) (Amaranthus palmeri)
- [Purple Loosestrife](#) (Lythrum salicaria L., Lythrum virgatum L., and all cultivars)
- [Russian Knapweed](#) (Centaurea repens L.)
- [Saltcedar](#) (Tamarisk spp.)
- [Spotted Knapweed](#) (Centaurea maculosa Lam.)
- [Yellow Toadflax](#) (Linaria vulgaris)

Additional County Noxious Weed for **Logan County**: Black Henbane

The following links with ND Department of Agriculture have additional information on noxious weeds:

<https://www.nd.gov/ndda/plant-industries/noxious-weeds>

The ND Weed Control Guide is updated annually:

<https://www.ag.ndsu.edu/weeds/weed-control-guides/nd-weed-control-guide-1>

Palmer Amaranth (PA)

The Logan County Weed Board has approved up to \$500 cost share funds per landowner for manual labor in the hand removal of Palmer Amaranth. Landowner must follow protocol:

1. Landowners should scout fields starting in late spring through summer and fall, especially before harvest.
2. **When a suspicious plant is found, contact:**
NDSU Extension Agent, Logan County: Sheldon Gerhardt, 701-754-2504, sheldon.gerhardt@ndsu.edu OR
Logan County Weed Control Officer: Heather Moser, 701-989-5464, hl.moser.78@gmail.com
Mark/flag the location and **LEAVE THE PLANT IN PLACE to not spread seed.**
It is easier to identify if it hasn't been pulled.
3. The county weed officer will work with the NDSU Extension Agent to:
 - Gather photos and information to send to NDSU weed specialist(s) for confirmation or ruling out PA.
 - Develop an action plan with an NDSU specialist if PA is confirmed.
4. Landowners should hand pull, bag on site and destroy confirmed PA plants.
5. PA plants should be burned or deeply buried to prevent movement of seed.
6. Landowners should work with their county weed control officer and continue to survey the field for a period of 3-5 years post removal to verify no additional PA is found.
7. **For \$500 cost share on hand pulling labor, complete cost-share application, receipt/evidence of labor paid, FSA or similar map of area controlled. Replace chemical references on application with man hours.**

Logan County Weed Board Application for Cost Share

This application verifies that I, _____, sprayed to control leafy spurge, spotted knapweed, yellow toadflax, Canada thistle, wormwood, or Palmer amaranth on _____.

 Month/Day/Year

North Dakota state law requires the control of noxious weeds. The Logan County Weed Board offers spring cost share towards the chemical cost to control leafy spurge, spotted knapweed, yellow toadflax, wormwood, and *Canada thistle at the rate of 80% for pasture and rangeland applications and 100% for roadside applications not to exceed \$24.00 per acre. A calendar year maximum reimbursement of \$5,000 per producer also applies. No cost share is available for labor, cropland, or CRP applications. *Canada thistle and wormwood control is offered only with a limit of \$500. Palmer amaranth cost share is for up to \$500 toward labor, not chemical control.

This **application** must be completed **front and back**, returned with copies of the **receipt for chemical(s)** used and an **FSA (or similar) map** showing specific areas that were sprayed. All documentation **must be received** in our office by **June 24th, 2022 (Friday)**. An incomplete application or documentation may cause reimbursement to be delayed or denied at the discretion of the Logan County Weed Board.

In the spaces below, please provide a list of noxious weeds you attempted to control. *If controlling more than one weed on the same section, please use one line for each weed controlled and estimate the controlled acreage of each weed.*

EXAMPLE			
<u>Leafy Spurge</u>	<u>12</u>	<input checked="" type="radio"/> Pasture/Rangeland	<u>0-000-00</u>
Noxious Weed	Est. Acres	<input type="radio"/> Roadside	Section-Township-Range

_____	_____	<input type="radio"/> Pasture/Rangeland	_____
Noxious Weed	Est. Acres	<input type="radio"/> Roadside	Section-Township-Range

_____	_____	<input type="radio"/> Pasture/Rangeland	_____
Noxious Weed	Est. Acres	<input type="radio"/> Roadside	Section-Township-Range

_____	_____	<input type="radio"/> Pasture/Rangeland	_____
Noxious Weed	Est. Acres	<input type="radio"/> Roadside	Section-Township-Range

_____	_____	<input type="radio"/> Pasture/Rangeland	_____
Noxious Weed	Est. Acres	<input type="radio"/> Roadside	Section-Township-Range

_____	_____	<input type="radio"/> Pasture/Rangeland	_____
Noxious Weed	Est. Acres	<input type="radio"/> Roadside	Section-Township-Range

_____	_____	<input type="radio"/> Pasture/Rangeland	_____
Noxious Weed	Est. Acres	<input type="radio"/> Roadside	Section-Township-Range

Please fill in the chemical name(s) and **amount of each chemical USED** in the control of noxious weeds from the first page of application. Indicate the application rate used. Recommendations for rates are in [Weed Control Guide](#).

EXAMPLE Plateau	1	Gallon	10 oz. / acre
Chemical Used	Amount USED	Unit (oz. pt. qt. gal.)	Application Rate

_____	_____	_____	_____
Chemical Used	Amount USED	Unit (oz. pt. qt. gal.)	Application Rate

_____	_____	_____	_____
Chemical Used	Amount	Unit	Application Rate

_____	_____	_____	_____
Chemical Used	Amount	Unit	Application Rate

_____	_____	_____	_____
Chemical Used	Amount	Unit	Application Rate

_____	_____	_____	_____
Chemical Used	Amount	Unit	Application Rate

Name: _____

Phone: _____

Address: _____

Cell Phone: _____

City, State: _____

Zip Code: _____

My signature verifies that all of the information provided on this application is accurate and correct.

Applicant's signature: _____

This **application**, a copy of your **chemical receipt(s)** and **map** indicating the areas controlled **must be received** in our office by **June 24th, 2022 (Friday)**. Call the Logan County Extension Office with questions at 701-754-2504.

Your application should be mailed or emailed to:

Logan County Weed Board
301 Broadway
Napoleon, ND 58561

Email: dustin.hammond@ndsu.edu