

## Logan County Weed Board

301 Broadway  
Napoleon, ND 58561  
701-754-2504

### Logan County Weed Board

Bobby Buchholz, Chairman, Lehr  
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Adam Schumacher, Napoleon  
Blanche Schumacher, Napoleon

Alan Kleingartner, Gackle  
Sheldon Gerhardt, Extension Agent, Napoleon  
Amanda Hayen, Secretary, Napoleon

### **TO: Logan County Landowners**

The Logan County Weed Board is offering the cost share of any chemicals recommended in the 2020 ND Weed Control Guide for fall control of leafy spurge, spotted knapweed, and/or yellow toadflax before freeze up this fall. Pasture and rangeland reimbursement is available at 70% 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.**

Plateau is a non-restricted use chemical; therefore, you do not need a pesticide certification for purchase. Applied in the fall (early to mid-September until a hard frost), Plateau has shown to be very effective for leafy spurge control. In some cases, you may see control for 2-3 years before you have to spray again, although it is recommended to monitor and spray any regrowth that occurs. **The application rate for optimum fall control is 8-12 ounces of Plateau, 1 quart Methylated Seed Oil (MSO) and 28% UAN per acre, (1-quart R-11 per acre may be used in place of MSO).** This mixture is most effective at the high rate; however, you may see some injury to cool season grasses. The low rate often provides adequate control with reduced grass injury. Plateau use in non-crop land has two important benefits, no injury to desirable forage grasses, and no injury to several desirable broadleaf species. The NDSU Weed Control Guide suggests using a rate of 1-2 pints Tordon and 1 quart 2-4 D per acre for leafy spurge control as an alternative to Plateau. A good option for controlling spotted knapweed is Milestone or Tordon. Yellow toadflax has been successfully controlled with a mixture of Tordon and Overdrive. For rates and timing, consult the [Weed Control Guide](#).

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 **November 20, 2020**. An incomplete application or documentation may cause reimbursement to be delayed or denied at 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 [Amanda.hayen@ndsu.edu](mailto:Amanda.hayen@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, 754-4534, [Sheldon.gerhardt@ndsu.edu](mailto:Sheldon.gerhardt@ndsu.edu) OR**  
**Logan County Weed Control Officer: Heather Moser, 989-5464, [mosers1995@hotmail.com](mailto:mosers1995@hotmail.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 a 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 or Palmer Amaranth on \_\_\_\_\_.  
 \_\_\_\_\_  
 Month/Day/Year

North Dakota state law requires the control of noxious weeds. The Logan County Weed Board offers cost share towards the chemical cost to control leafy spurge, spotted knapweed, and yellow toadflax at the rate of 70% 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.

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 **November 14, 2019**. 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.*

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

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

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

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

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

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

_____	_____	<input type="checkbox"/> Pasture/Rangeland	_____
Noxious Weed	Est. Acres	<input type="checkbox"/> 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](#).

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

_____	_____	_____	_____ C
Chemical Used	Amount <b>USED</b>	Unit (oz. pt. qt. gal.)	Cost per unit
_____	_____	_____	_____
Chemical Used	Amount	Unit	Cost per unit
_____	_____	_____	_____
Chemical Used	Amount	Unit	Cost per unit
_____	_____	_____	_____
Chemical Used	Amount	Unit	Cost per unit

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 **November 20, 2020**. 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: [Amanda.hayen@ndsu.edu](mailto:Amanda.hayen@ndsu.edu)

## Canada Thistle Cost Share Program

The Logan County Weed Board will be offering a fall cost share program for the chemical control of Canada Thistle using **CURTAIL**. The cost share is intended for late season control prior to a killing frost (25 degrees) on cropland, fallow, pasture and CRP. The cost share is 70% of the chemical cost with a limit of five gallons per producer. Limits of \$24/acre and \$5,000 per producer per calendar year in cost share funds applies.

Applications are available online at <http://www.ag.ndsu.edu/logancountyextension/> or at the Logan County Extension Office. Applications need to be **received by the Extension Office no later than November 20, 2020**. A copy of the Curtail receipt and copy of a map with areas of application marked must be submitted with the signed application to qualify for cost share. *There will be no exceptions to any of the above information.*

For more information or questions, contact Extension Office at 754-2504 or email [Amanda.hayen@ndsu.edu](mailto:Amanda.hayen@ndsu.edu).

Logan County Weed Board Canada Thistle Cost Share Application

This application verifies that I, \_\_\_\_\_ sprayed to control Canada Thistle on \_\_\_\_\_.  
 Name Month/Date/Year

The Canada Thistle Cost Share Program is intended as a fall treatment prior to a killing frost (25°). It is to be applied as a post-harvest application in cropland and as a late season fallow, pasture treatment.

The Logan County Weed Board will provide 70% chemical cost share for up to 5 Gallons of Curtail. Maximum \$24/acre and \$5,000 per year per calendar year, all cost-share programs.

<b>SAMPLE</b>				
0-000-00	<input type="radio"/> Crop Ground	<input checked="" type="radio"/> Fallow	<input type="radio"/> CRP and Pasture	14
Section-Township-Range				Estimated Acres

\_\_\_\_\_  
 Section-Township-Range     Crop Ground     Fallow     Pasture    \_\_\_\_\_  
 Estimated Acres

\_\_\_\_\_  
 Section-Township-Range     Crop Ground     Fallow     Pasture    \_\_\_\_\_  
 Estimated Acres

\_\_\_\_\_  
 Section-Township-Range     Crop Ground     Fallow     Pasture    \_\_\_\_\_  
 Estimated Acres

\_\_\_\_\_  
 Section-Township-Range     Crop Ground     Fallow     Pasture    \_\_\_\_\_  
 Estimated Acres

\_\_\_\_\_  
 Section-Township-Range     Crop Ground     Fallow     Pasture    \_\_\_\_\_  
 Estimated Acres

\_\_\_\_\_  
 Section-Township-Range     Crop Ground     Fallow     Pasture    \_\_\_\_\_  
 Estimated Acres

The NDSU Weed Control Guide recommends Curtail application mix for Canada Thistle at the following rates:

**Cropland: 2 pints per acre**

**Fallow: 4 pints per acre**

**CRP and Pasture 4-6 pints per acre**

Your application should be mailed to:

Logan County Weed Board  
 301 Broadway  
 Napoleon, ND 58561

Phone: (701) 754-2504

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

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

Applicant's signature: \_\_\_\_\_

The completed application, chemical receipt and map marked with application area must be received in our office by **November 20, 2020.**

NDSU does not discriminate in its programs and activities on the basis of age, color, gender expression/identity, genetic information, marital status, national origin, participation in lawful off-campus activity, physical or mental disability, pregnancy, public assistance status, race, religion, sex, sexual orientation, spousal relationship to current employee, or veteran status, as applicable. Direct inquiries to Vice Provost, Title IX/ADA Coordinator, Old Main 201, (701) 231-7708, [ndsu.eoaa@ndsu.edu](mailto:ndsu.eoaa@ndsu.edu).