

# WI Towns Association Herbicide Update









**TABLE 1: COMMERCIAL PESTICIDE APPLICATOR CERTIFICATION AND LICENSING REQUIREMENTS.**

TYPE OF APPLICATOR	PESTICIDE USED	CERTIFICATION REQUIRED?	LICENSING REQUIRED?
Any Applicator (private or commercial)	RUP	Yes	Yes
Any Applicator applying on School Grounds <sup>a</sup>	Any Pesticide	Yes	Yes/No <sup>b</sup>
Applicator For-Hire	Any Pesticide	Yes	Yes
Applicator Not-for-Hire	Only using Non-RUP	No	No
Registered Temporary Trainee	Only allowed non-RUP use and must be under supervision	Not during training period <sup>c</sup>	Not during training period <sup>c</sup>

**COMMERCIAL NOT-FOR-HIRE**

You are a *commercial applicator not-for-hire* if you use (or direct the use of) pesticides **only to sites that you or your employer controls**, and do not contract out your pesticide application services. An example would be a county employee who only applies pesticides on county land.





**CORTEVA**  
AgScience

## Tordon RTU

### HERBICIDE

For controlling unwanted trees via cut surface treatments in forests and non-cropland areas such as fence rows, roadsides, and rights-of-way.

Not for sale, distribution or use in Nassau and Suffolk Counties in New York State.

Active ingredients:

picloram, 4-amino-3,5,6-trichloropicolinic acid	5.4%
isopropylamine salt	
2,4-dichlorophenoxyacetic acid	20.6%
isopropylamine salt	73.7%
Total	100.0%

Inert ingredients:

picloram	3.0%
2,4-dichlorophenoxyacetic acid	11.2%

**Keep Out of Reach of Children**  
**CAUTION**

**Agricultural Use Requirements**  
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 155. Refer to label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Refer to back of label for Use.

Not for sale, distribution or use in Nassau and Suffolk Counties in New York State.

In case of emergency contact your local poison control center or hospital emergency room. For more information, call 1-800-4-A-GRIFFIN.

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Produced for  
Corteva Agriscience LLC  
9300 Cornville Road  
Indianapolis, IN 46268









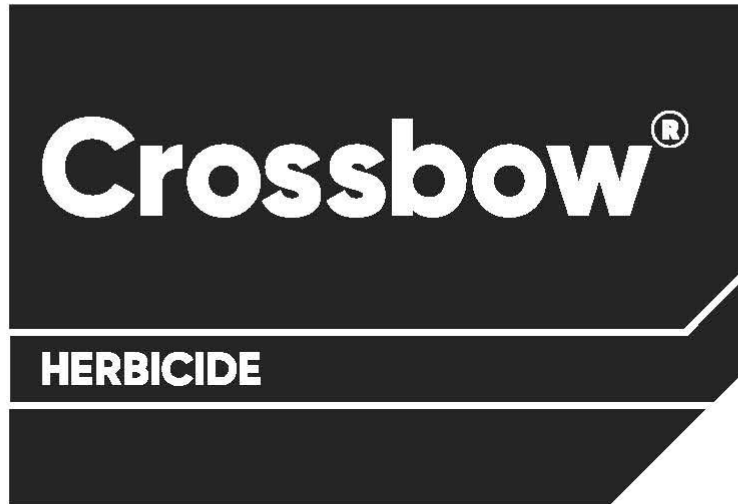








# Specimen Label



™®Trademarks of Corteva Agriscience and its affiliated companies

## Low Volatile Weed and Brush Herbicide

**For the control of most kinds of unwanted trees and brush, as well as annual and perennial broadleaf weeds on rangeland, permanent grass pastures, conservation reserve program (CRP) acres, fence rows, non-irrigation ditchbanks, roadsides, other non-crop areas and industrial sites**

Active Ingredient(s):	
2,4-dichlorophenoxyacetic acid, butoxyethyl ester.....	34.4%
triclopyr BEE: 3,5,6-trichloro-2-pyridinyloxyacetic acid, butoxyethyl ester.....	16.5%
Other Ingredients.....	49.1%
Total .....	100.0%

Contains Petroleum Distillates

Acid Equivalents: 2,4-dichlorophenoxyacetic acid - 23.7% - 2 lb/gal  
triclopyr - 11.9% - 1 lb/gal

## Precautionary Statements

Hazards to Humans and Domestic Animals

## Engineering Controls

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protections Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)].

## User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## First Aid

**If swallowed:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 for emergency medical treatment information.

**Note to Physician:** This product may pose an aspiration pneumonia hazard. Contains petroleum distillates.

## Environmental Hazards

This pesticide is toxic to fish and may be toxic to aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift or runoff may adversely affect fish and nontarget plants. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwaters.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

## Physical or Chemical Hazards

**Combustible.** Do not use or store near heat or open flame.

# Specimen Label

TRICLOPYR	GROUP	4	HERBICIDE
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# Garlon® 4 Ultra

## HERBICIDE

TM® Trademarks of Corteva Agriscience and its affiliated companies

**For the control of woody plants and vines, and annual and perennial broadleaf weeds on:**

- forest sites;
- non cropland areas including: electrical power and utility rights-of-way, industrial sites, non-irrigation ditch banks, pipelines, railroads, roadsides; and
- natural areas and wildlife habitat and management areas;
- including grazed areas on all of these listed sites.

Active Ingredient:

triclopyr: 2-[(3,5,6-trichloro-2-pyridinyl)oxy] acetic acid, butoxyethyl ester .....	60.45%
Other Ingredients.....	39.55%
Total.....	100.00%

Acid equivalent: triclopyr – 43.46% - 4 lb/gal

### Precautionary Statements

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### First Aid

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 for emergency medical treatment information.

### Environmental Hazards

This pesticide is toxic to fish. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

### Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read all Directions for Use carefully before applying.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the

# Specimen Label

# ELEMENT<sup>®</sup> 4

## HERBICIDE

<sup>TM</sup>Trademarks of Corteva Agriscience and its affiliated companies

**For the control of woody plants and annual and perennial broadleaf weeds in non-crop industrial manufacturing and storage sites, rights-of-way such as electrical power lines, communication lines, pipelines, roadsides, railroads, forests and in the establishment and maintenance of wildlife openings. Use on these sites may include application to grazed areas.**

Active Ingredient:

triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, butoxyethyl ester .....	61.6%
Other Ingredients .....	38.4%
Total .....	100.0%

Contains petroleum distillates

Acid Equivalent: triclopyr - 44.3% - 4 lb/gal

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### Precautionary Statements

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#### Hazards to Humans and Domestic Animals

EPA Reg. No. 62719-40

**Keep Out of Reach of Children**

### Environmental Hazards

This pesticide is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

### Physical or Chemical Hazards

**Combustible.** Do not use or store the product near heat or open flame.

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### Directions for Use

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It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read all Directions for Use carefully before applying.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

### Agricultural Use Requirements

**The requirements in this box apply to forestry uses.**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

# BARK OIL BLUE LT

LOW VOLUME BASAL BARK ADJUVANT

**PRINCIPAL FUNCTIONING AGENTS:**

Petroleum distillates, tall oil fatty acids, nonylphenol ethoxylate and constituents ineffective as an adjuvant 100%  
TOTAL 100%

**KEEP OUT OF REACH OF CHILDREN**



**DANGER**

**Precautionary Statements:** May be fatal if swallowed and enters airways. Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothes/eye protection/face protection. Do not eat, drink or smoke when using this product. Keep only in original container. Keep container tightly closed. Read label before use.  
**Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not contaminate water. Do not allow to enter drains, sewers, or watercourses.

**Personal Protective Equipment:** Wear chemical splash eyewear, face shield and acid impermeable gloves, long-sleeve shirt and pants, rubber apron and shoes and socks.

**FIRST AID:** If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. If swallowed: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person. If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**GENERAL:** Bark Oil Blue LT is engineered for low-volume basal bark and stump treatments and is used only with oil-miscible woody plant herbicides with labels that permit dilution with oil. Follow all use directions and precautions on the label of the herbicide being used. Bark Oil Blue LT remains effective at below freezing temperatures.

**NET CONTENTS:**

15 GL. (56.7 L)

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Manufactured for:

**Loveland  
PRODUCTS**

Loveland Products, Inc. • PO Box 1286 • Greeley, CO 80632

**DIRECTIONS FOR USE:** Follow the directions on all pesticide labels.

Use only if a low volume basal oil is allowed or not excluded on the pesticide manufacturer's label. In all cases, the pesticide manufacturer's label should be consulted regarding specific adjuvant use recommendations and that rate followed.

Do not pre-mix with pesticides, nutrients or other adjuvants before mixing with water.

If the user does not have experience with the mixture being applied, perform a jar test using the order and amounts in the mixture and perform a phytotoxicity test to ensure crop safety.

**Order of Addition**

In general, follow the W-A-L-E-S plan when adding herbicides to a tank mix.

1. Wettable Powders (WP), then Flowables (F, DF)
2. Agitate, then add anti-foaming compounds, buffers
3. Liquid and Soluble products
4. Emulsifiable concentrates (EC)
5. Bark Oil Blue LT and other adjuvants

Prior to mixing, fill spray tank with half of the carrier intended for use, usually water. Then start the sprayer and check to make sure that all valves and gauges work and there is proper tank agitation.

**USE RATES**

Blend the herbicide with Bark Oil Blue LT at a ratio of 5% to 50% herbicide in diluent.

Ratios will vary with the herbicide and spray equipment used. Do not exceed the rate per acre indicated on the herbicide label.

**STORAGE AND DISPOSAL**

**STORAGE:** Store locked up. Store in a cool well-ventilated place. To avoid product degradation and equipment corrosion, do not use iron, copper or aluminum containers or equipment. Material is hygroscopic and should not be exposed to moisture in order to maintain product integrity. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

**DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Dispose of contents/container on-site or at an approved waste disposal facility. Triple rinse (or equivalent) adding rinse water to spray tank. Offer container for recycling or dispose of container in sanitary landfill, or by other procedures approved by appropriate authorities. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler, visit the ACRC web page at [www.acrecycle.org](http://www.acrecycle.org).

**For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC 1-800-424-9300.**

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**BEFORE BUYING OR USING THIS PRODUCT,** read the Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary. LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when the product is used in accordance with such Directions for Use under normal conditions of use. LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

G0814

# Basal Bark and cut stump

- **Bark Oil Blue LT**
- Food grade oil-not diesel nor kerosene
- Low smell
- Sprays in cold temps.
- Not considered a pesticide
- **Garlon 4 Ultra & Element 4**
- Ditch bank label
- Oil and water soluble
- No grazing restriction

## **Non-Agricultural Use Requirements**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for Agricultural Pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

**Entry Restrictions for Non-WPS Uses:** For applications to non-cropland areas, do not allow entry into areas until sprays have dried, unless applicator and other handler PPE is worn.

## **Storage and Disposal**

Do not contaminate water, food, or feed by storage and disposal. Open dumping is prohibited.

**Pesticide Storage:** Agitate before use.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.



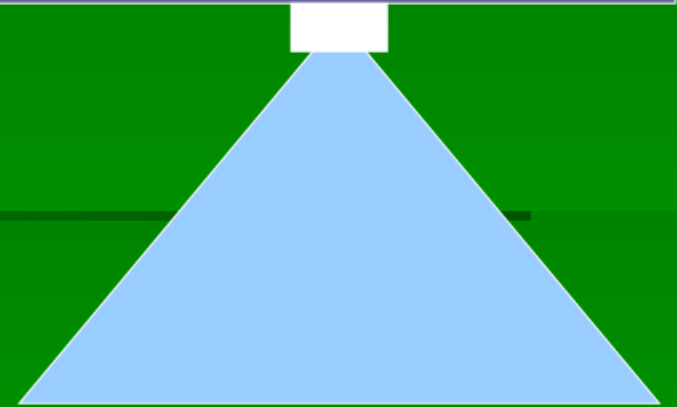




Trempealeau County



**The most expensive spray is the one that fails to accomplish the purpose for which it is applied.**



# Specimen Label

GROUP

4

HERBICIDE



# Garlon® 3A

## HERBICIDE

™Trademarks of Corteva Agriscience and its affiliated companies

For the control of woody plants, broadleaf weeds in range and pasture, forests and non-crop areas, including manufacturing and storage sites, rights-of-way such as electrical power lines, communication lines, pipelines, roadsides, railroads, fence rows, non-irrigation ditch banks, and around farm buildings; and applications to grazed areas, and establishment and maintenance of wildlife openings, and in Christmas tree plantations and aquatic sites.

For use in New York State, comply with Section 24(c) Special Local Need labeling for Garlon 3A, SLN NY-110005.

Active Ingredient:

Triclopyr, 2-[3,5,6-trichloro-2-pyridinyloxy]

(WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

### User Safety Recommendations

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### First Aid

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 for emergency medical treatment information.

**Note to Applicator:** Allergic skin reaction is not expected from exposure to spray mixtures of Garlon 3A herbicide when used as directed.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

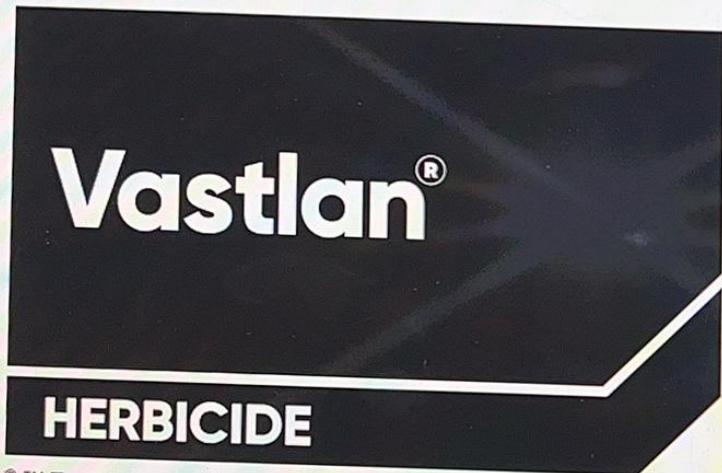
### Environmental Hazards

Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Under certain conditions, treatment of aquatic weeds can result in oxygen depletion or loss due to decomposition of dead plants, which may contribute to fish suffocation. This loss can cause fish suffocation. Therefore, to minimize this hazard, do not treat more than one-third to one-half of the water area in a single operation and wait at least 10 to 14 days between treatments. Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas. Consult with the State agency for fish and game before applying to public water to determine if a permit is needed.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas

# Specimen Label

TRICLOPYR CHOLINE    GROUP    4    HERBICIDE



© TM Trademarks of Dow AgroSciences, DuPont or Pioneer and their affiliated companies or respective owners

For the control of woody plant species and annual and perennial broadleaf weeds on

- range and permanent grass pastures, grasses grown for hay, Conservation Reserve Program (CRP) sites;
- forest sites, conifer and tree plantations, and Christmas tree plantations;
- non-crop areas for example, airports, barrow ditches, communication transmission lines or structures, manufacturing and storage sites, electrical power and utility rights-of-way, fencerows, gravel pits, industrial sites, military lands, mining and drilling areas, non-irrigation ditch banks, oil and gas pads, parking lots, petroleum tank farms, pipelines, railroads, roadsides, storage areas, storm water retention areas, substations, unimproved rough turf grasses, vacant lots and other

## Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Protective eyewear
- Long-sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

## Engineering Controls

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

## User Safety Recommendations

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## First Aid

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 for emergency medical treatment information.

## Environmental Hazards

Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Under certain conditions, treatment of aquatic weeds can result in oxygen depletion or loss due to decomposition of dead plants, which may contribute to fish suffocation. This loss can cause fish suffocation. Therefore, to minimize this hazard, do not treat more than one-third to one-half of the water area in a single operation and wait at least 10 to 14 days between treatments. Begin treatment along the shore and proceed outwards in bands to allow fish to move into



# Garlon 3A and Vastlan

- Full Aquatic label
- Labeled for ROW/Forestry
- No grazing or haying restrictions
- Ditch bank label
- Grass selective

# Milestone®

## HERBICIDE

®™ Trademarks of Dow AgroSciences, DuPont or Pioneer and their affiliated companies or respective owners

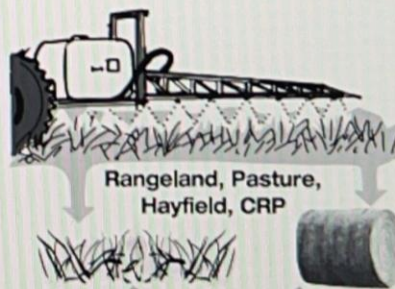
- For control of annual and perennial broadleaf weeds including invasive and noxious weeds, certain annual grasses, and certain woody plants and vines on:
  - rangeland, permanent grass pastures (including grasses grown for hay\*), Conservation Reserve Program (CRP);
  - non-crop areas for example, airports, barrow ditches, communication transmission lines, electric power and utility rights-of-way, fencerows, gravel pits, industrial sites, military sites, mining and drilling areas, oil and gas pads, non-irrigation ditch banks, parking lots, petroleum tank farms, pipelines, roadsides, railroads, storage areas, dry storm water retention areas, substations, unimproved rough turf grasses;
  - natural areas (open space) for example, campgrounds, parks, prairie management, trailheads and trails, recreation areas, wildlife openings, and wildlife habitat and management areas including seasonally dry flood plains, deltas, marshes, prairie potholes, or vernal pools;
  - including grazed areas in and around these sites.

\*Hay from grass treated with Milestone within the preceding 18 months can only be used on the farm or ranch where the product is applied unless allowed by supplemental labeling.

### IMPORTANT USE PRECAUTIONS AND RESTRICTIONS TO PREVENT INJURY TO DESIRABLE PLANTS

- Carefully read the section "**Restrictions in Hay or Manure Use.**"
- It is mandatory to follow the "**Use Precautions and Restrictions**" section of this label.
- Manure and urine from animals consuming grass or hay treated with this product may contain enough

### Forage and Manure Management



# Milestone

- Labeled for ROW/Forestry
- No haying and restrictions
- Ditch bank label
- Root Mobile
- Manure management advisory
- Grass selective

AI  
FLORPY

AMINOPYRA  
FLORPYRAUXIFEN



# HighNoon™

with Rinskor™ active

HERBICIDE

For control of annual and perennial broadleaf weeds including invasive and noxious weeds, certain annual grasses, and certain woody plants and vines on:

- rangeland, permanent grass pastures (including grasses grown for hay), and Conservation Reserve Program (CRP);
- non-crop areas, for example, airports, barrow ditches, communication transmission lines, electric power and utility rights-of-way, fencerows, gravel pits, industrial sites, military sites, mining and drilling areas, oil and gas pads, non-irrigation ditch banks, parking lots, petroleum tank farms, pipelines, roadsides, railroads, storage areas, dry storm water retention areas, substations, unimproved rough turf grasses; and
- natural areas (open space), for example, campgrounds, parks, prairie management, trailheads and trails, recreation areas, wildlife openings, and wildlife habitat and management areas including seasonally dry flood plains, deltas, marshes, prairie potholes, or vernal pools; including grazed areas in and around these sites.

Not For Sale, Distribution, or Use in New York State.

Active Ingredients:

aminopyralid, potassium salt: 2-pyridinecarboxylic acid, 4-amino-3,6-dichloro-, potassium salt	8.95%
florpyrauxifen-benzyl: 2-pyridinecarboxylic acid, 4-amino-3-chloro-6-(4-chloro-2-fluoro-3-methoxy-phenyl)-5-fluoro-, phenyl methyl ester	0.76%
Other Ingredients	90.29%
Total	100.00%



# DuraCor®

with Rinskor™ active

HERBICIDE

For control of broadleaf weeds and certain woody plants on rangeland, permanent grass pastures (including annual and perennial grasses grown for hay\*), Conservation Reserve Program (CRP) acres, and wildlife management areas including seasonally dry flood plains, deltas, marshes, prairie potholes, or vernal pools in these sites.

\* Hay from grass treated with DuraCor within the preceding 18 months can only be used on the farm or ranch where the product is applied unless allowed by supplemental labeling.

Not For Sale, Distribution, or Use in New York State.

Active Ingredient:

aminopyralid: 2-pyridinecarboxylic acid, 4-amino-3,6-dichloro-, potassium salt	8.95%
florpyrauxifen-benzyl: 2-pyridinecarboxylic acid, 4-amino-3-chloro-6-(4-chloro-2-fluoro-3-methoxy-phenyl)-5-fluoro-, phenyl methyl ester	0.76%

Other Ingredients 90.29%

### Agric

Use this p  
the Worke  
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for Use\* s

Refer to th  
informatio

Notice: Re  
directions.  
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In case of e  
involving th

Agricultura  
or clothing.

Shake or M  
EPA Reg. N

Nufarm

# Polaris® AC Complete

## Herbicide

For the control of undesirable vegetation in forestry sites, aquatic sites, grass pasture, rangeland, fence rows, for establishment and maintenance of wildlife openings, grass pastures and rangeland. Additionally for control of undesirable vegetation in dormant bermudagrass and bahiagrass, under certain paved areas, and industrial noncropland areas including railroad, utility, pipeline and highway rights-of-way, utility plant sites, petroleum tank farms, pumping installations, storage areas, building perimeters, irrigation and non-irrigation ditchbanks, roads, transmission lines, and industrial bare ground areas.

**ACTIVE INGREDIENT:**

Isopropylamine salt of Imazapyr (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid)..... 53.10%

**OTHER INGREDIENTS:**..... 46.90%

**TOTAL:**..... 100.00%

\*Equivalent to 43.3% 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid or 4 pounds acid per gallon.

In the State of New York, Aquatic Uses are Not Allowed.

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION / PRECAUCION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
 (If you do not understand this label, find someone to explain it to you in detail.)

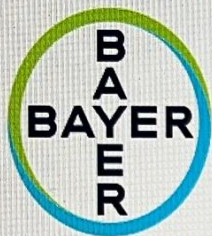
SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire,  
 or Exposure, Call CHEMTREC  
 (800) 424-9300

For Medical Emergencies Only,  
 Call (877) 325-1840

# Polaris AC Complete

- Labeled for ROW/Forestry
- Full aquatic label
- No haying and grazing restrictions
- Grass selective at recommended rates



# Escort<sup>®</sup> XP

METSULFURON-METHYL GROUP 2 HERBICIDE

HERBICIDE

Dry Flowable	By Weight
<b>Active Ingredient</b>	
Metsulfuron methyl	
Methyl 2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]-carbonyl]amino]sulfonyl]benzoate	60%
<b>Other Ingredients</b>	40%
<b>TOTAL</b>	<b>100%</b>
EPA Reg. No. 432-1549	

## KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)  
See Panel for First Aid Instructions and Booklet for Complete Precautionary Statements and Directions for Use.

### FIRST AID

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-334-7577 for emergency medical treatment information.

Nonrefillable Container  
Net Weight

# Escort

- Labeled for ROW/Forestry
- No haying or grazing restrictions
- Dry ditch bank label-can spray dry swamps etc
- Grass selective
- Added for control of Ash and Cherry

## Invasive Plant Management with Milestone® and Other Herbicides

A PRACTICAL AND TECHNICAL GUIDE  
FOR NATURAL AREA MANAGERS

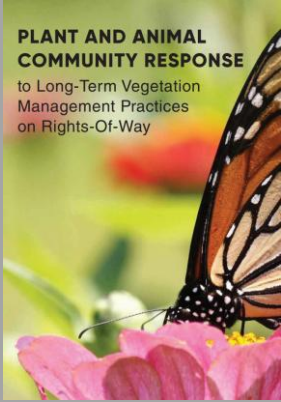


**INSIDE**

1 Invasive Plant: Impacts on Ecosystems and Cultural Assets	5 Water-Tank Strategies to Minimize Herbicide
2 Integrated Invasive Plant Management and the Role of Herbicides	6 Alternative Herbicide Use: Annual Woody Species
3 Technical Data: Broad-spectrum Plant Management and Herbicides	7 Factors, Benefits, Risks, and Drug Resistance Program Guidelines
4 Herbicide Application and Safety for Key Species	8 Herbicide Storage, Disposal, and Labeling
	9 Technical Data and Research on Herbicide Label: Milestone® Broad-Spectrum Herbicide

## PLANT AND ANIMAL COMMUNITY RESPONSE

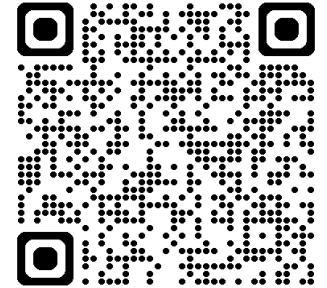
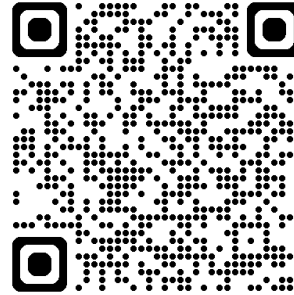
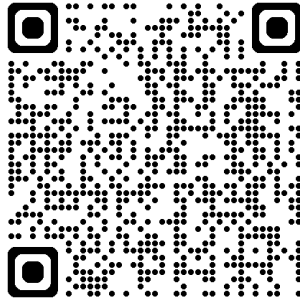
to Long-Term Vegetation  
Management Practices  
on Rights-Of-Way



Wisconsin  
Department of  
Natural Resources  
names milkweed its  
'plant species of the  
year

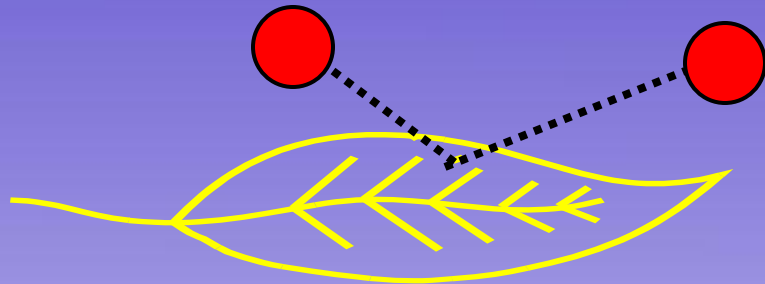
DATCP-Groundwater  
standards  
for pesticides

2023 Surface  
Water Pesticide  
Monitoring  
Program

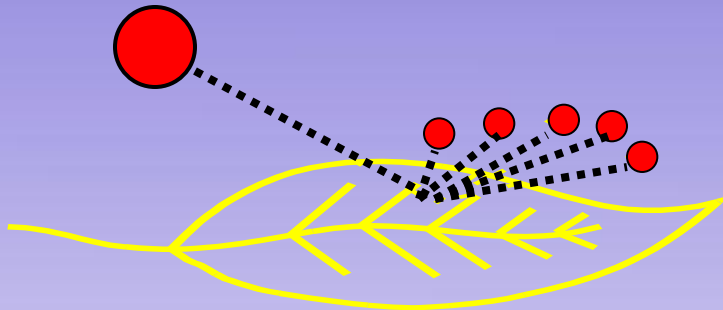


# Big Spray Drop Behavior on Impact

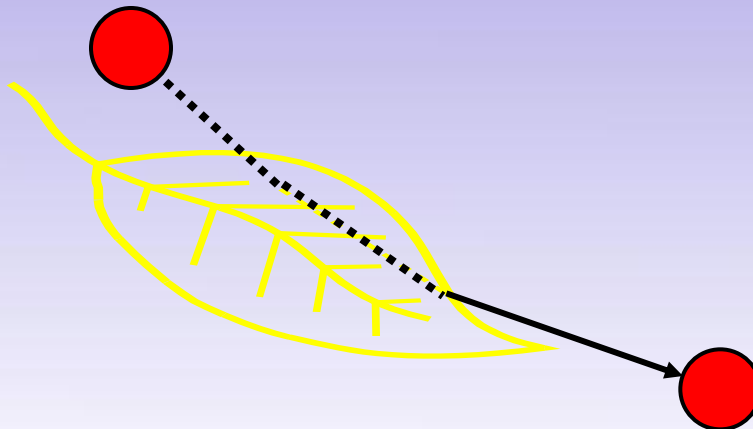
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**Bounce**



**Shatter**



**Run-off**

# Liberate®



## PENETRANT • DEPOSITION AID DRIFT CONTROL AGENT

**Principal Functioning Agents:**

Lecithin, methyl esters of fatty acids, and alcohol ethoxylate .....	100%
<b>TOTAL</b> .....	<b>100%</b>

CA Reg. No. 34704-50030  
WA Reg. No. 34704-04008  
Patent No. 6,797,673

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**NET CONTENTS: 2.5 U.S. GALLONS (9.462 L)**

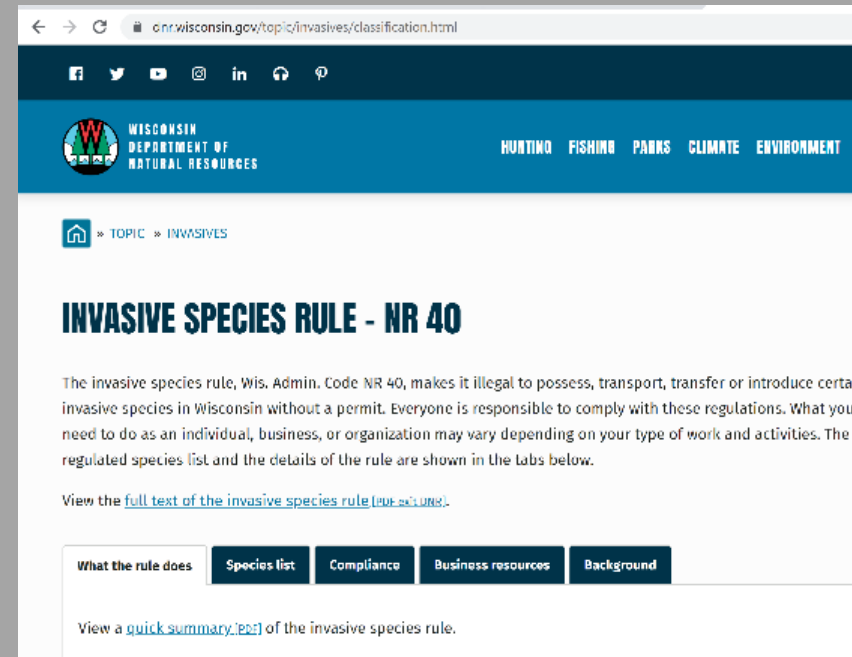


# Liberate or other surfactants

- Aids in drift control
- Aids in herbicide blend sticking to leaf
- Aids in herbicide blend dissolving the waxy leaf surface-allows herbicide into the plant.
- All of these lower the rain fastness time-1 hour.
- Once herbicides are in the plant, they will stay in the plant-not into the environment.

# Laws regulate invasive plants in Wisconsin

- NR40
  - >100 plants; prohibited/restricted
- Noxious weed law
  - Leafy spurge, field bindweed, Canada thistle
- Nuisance weed law
  - Purple loosestrife, multiflora rose
- Local ordinance



The screenshot shows a web browser window with the URL [dnr.wisconsin.gov/topic/invasives/classification.html](http://dnr.wisconsin.gov/topic/invasives/classification.html). The page header includes the Wisconsin Department of Natural Resources logo and navigation links for HUNTING, FISHING, PARKS, CLIMATE, and ENVIRONMENT. The main content area features a breadcrumb trail: Home » TOPIC » INVASIVES. The title is **INVASIVE SPECIES RULE - NR 40**. The text explains that the rule, Wis. Admin. Code NR 40, makes it illegal to possess, transport, transfer, or introduce certain invasive species in Wisconsin without a permit. It notes that regulations vary by activity type. A link is provided to view the [full text of the invasive species rule \(PDF actions\)](#). Below this is a tabbed interface with four tabs: 'What the rule does' (selected), 'Species list', 'Compliance', 'Business resources', and 'Background'. At the bottom, there is a link to view a [quick summary \(PDF\)](#) of the rule.

Unofficial Text (See Printed Volume). Current through date and Register shown on Title Page.

## Chapter NR 40

### INVASIVE SPECIES IDENTIFICATION, CLASSIFICATION AND CONTROL

NR 40.01	Purpose.
NR 40.02	Definitions.
NR 40.03	Classifications.
NR 40.04	Prohibited category.
NR 40.045	Emergency additions to prohibited category.

NR 40.05	Restricted category.
NR 40.06	Invasive species permits.
NR 40.07	Preventive measures.
NR 40.08	Enforcement.
NR 40.09	Interagency coordination.

**NR 40.01 Purpose.** The purpose of this chapter is to identify, classify and control invasive species in Wisconsin as part of the department's statewide program required by s. 23.22 (2) (a), Stats.

History: CR 08-074: cr. Register August 2009 No. 644, eff. 9-1-09.

**NR 40.02 Definitions.** For purposes of this chapter:

(1) "Algae" means a predominately photosynthetic eukaryotic organism ranging from unicellular to macroscopic forms, lacking true roots, stems, leaves, and embryos.

(2) "Animal" means all vertebrate and invertebrate species, including but not limited to mammals, birds, reptiles, amphibians, fish, mollusks, arthropods, insects, and their eggs, larvae or young, but excluding humans.

(3) "Aquatic animal" means any vertebrate or invertebrate species that lives or grows only in water during any life stage, and includes the eggs, larvae or young of those species.

(3m) "Aquatic invasive species" means any invasive species that dwells in water or wetlands.

(4) "Aquatic plant" means a submergent, emergent, free-floating or floating-leaf plant and includes any part of the plant.

(5) "Attached" means in, on, or physically connected to in any way.

(6) "Boat" means any device capable of being used as a means of transportation on water.

(7) "Category" means a grouping of species designated by administrative rule for which there are specific legal requirements or restrictions.

(8) "Contain" or "containment" means to prevent spread

(15) "Eradicate" means to remove an entire population of an invasive species and all its propagules from an area of infestation.

(16) "Established" means, for algae and cyanobacteria, plants, terrestrial invertebrates and plant disease-causing microorganisms, aquatic invertebrates except crayfish, and terrestrial and aquatic vertebrates except fish, present in an area as a self-sustaining population that is dispersed to the extent that eradication is either infeasible or will take a significant effort over a period of several years.

(17) "Established nonnative fish species and established nonnative crayfish species" means alewife (*Alosa pseudoharengus*), common carp (*Cyprinus carpio*), rainbow smelt (*Osmerus mordax*), round goby (*Neogobius melanostomus*), ruffe (*Gymnocephalus cernuus*), sea lamprey (*Petromyzon marinus*), three-spine stickleback (*Gasterosteus aculeatus*), tubenose goby (*Proterorhinus marmoratus*), white perch (*Morone americana*), and rusty crayfish (*Orconectes rusticus*).

(18) "Feral" means existing in an untamed or wild, unconfined state, having returned to such a state from domestication.

(19) "Genetically modified" refers to an organism whose genome, chromosomal or extrachromosomal, is modified permanently and heritably, using recombinant nucleic acid techniques, and includes the progeny of any genetically modified organism.

(20) "Identified carrier of an invasive species" means any material identified in a department infestation control designation under s. 26.30 (7), Stats., a DATCP quarantine under s. 94.01, Stats., or a United States Department of Agriculture Animal and Plant Health Inspection Service quarantine declaration under 7 USC section 7714 or 7715 as potentially carrying an

# Restricted - Prohibited



## Prohibited

Control is required.  
DNR may order or  
conduct a control effort

ment, distribution or release of a pest or biological control agent that is a prohibited invasive species identified or listed under sub. (2).

(g) A person may transport, possess or give away a prohibited invasive species for the purpose of identification or disposal without a permit issued by the department under this chapter, if the person reports the location of origin of the prohibited invasive species to the department and no individual specimens or propagules are allowed to escape or be introduced. Reports shall be submitted within 30 days of the person taking possession and shall include contact and property owner information, type and detailed location of the species, the purpose for transporting, possessing or giving away the invasive species, and the final disposition of the invasive species. This paragraph does not apply to terrestrial and aquatic vertebrates or fish species.

**Note:** Paragraph (g) does not apply to transport of identified carriers of invasive species as described in s. NR 40.07 (5) (a).

**Note:** Reports for fish may be sent to:

Attn: FH/4  
Wisconsin Department of Natural Resources  
PO Box 7921  
Madison, WI 53707-7921

**Note:** Reports for other vertebrates may be sent to:

Attn: Wildlife Regulation Policy Specialist, WM/6  
Wisconsin Department of Natural Resources  
PO Box 7921  
Madison, WI 53707-7921

**Note:** Reports for terrestrial plants may be sent to:

Attn: Forestry Invasive Species Coordinator — FR/4  
Wisconsin Department of Natural Resources  
PO Box 7921  
Madison, WI 53707-7921

**Note:** Reports for aquatic species except fish may be sent to:

Attn: Aquatic Invasive Species Coordinator  
Wisconsin Department of Natural Resources  
141 NW Barstow St., Room 180  
Waukesha, WI 53188

**Note:** Reports for terrestrial invertebrates and plant disease-causing microorganisms may be sent to:

Forest Health Protection Program Coordinator

property.

(c) If voluntary cooperation is not achievable or likely, and it is feasible and reasonable to control the prohibited species on the property, the department or its designee may control the prohibited species or it may offer the person the opportunity to negotiate the terms of a consent order for control purposes.

(d) If a consent order is not achievable or likely, the department may issue a unilateral order requiring that the person who owns, controls or manages the property control the prohibited species in accordance with a plan approved by the department unless the department determines that the prohibited species is present through no fault of the person. If the department determines that the prohibited species is present through no fault of the person, the department or its designee may control the prohibited species.

(e) If the person does not control the prohibited species upon order of the department, the department or its designee may control the prohibited species and the department may recover the reasonable and necessary expenses it incurs.

(f) The department may remove, or cause to be removed any detrimental fish or other aquatic invasive species from waters of the state.

**Note:** All nonindigenous fish species are declared under s. NR 20.38 (6) to be detrimental fish if the fish were imported without a permit in violation of s. 29.735, Stats., or are found in any water where their presence is not specifically permitted by the department.

**Note:** Persons finding any prohibited species are encouraged to report the species and its location to the department.

**History:** CR 08-074: cr. Register August 2009 No. 644, eff. 9-1-09; CR 10-016: am. (2) (b) 6., 7., 8., 14., 24., 36., 38., r. and recr. (2) (c) Register August 2010 No. 656, eff. 9-1-10.

**NR 40.045 Emergency additions to prohibited category.** (1) The department may temporarily identify an additional species as an invasive species and may classify it into the prohibited category of s. NR 40.04 (2) if the secretary determines that all of the following are met:

(a) The species meets the definition of invasive species in s. NR 40.02 (24).



» TOPIC » INVASIVES

# REGULATED SPECIES

Category	Common Name	Scientific name	NR40 Regulated	NR40 Added	Habitat
Plant	Amur cork tree	<a href="#">Phellodendron amurense</a>	Prohibited	5/1/2015	T
Plant	Amur honeysuckle	<a href="#">Lonicera maackii</a>	Prohibited/Restricted	9/1/2009	W, T
Plant	Amur maple	<a href="#">Acer tataricum subsp. ginnala</a>	Restricted	5/1/2015	T
Plant	Anchored water hyacinth	<a href="#">Eichhornia azurea</a>	Prohibited	5/1/2015	A, W
Plant	Aquatic forget-me-not	<a href="#">Myosotis scorpioides</a>	Restricted	5/1/2015	W, T
Plant	Asian loeseneri bittersweet	<a href="#">Celastrus loeseneri</a>	Prohibited	5/1/2015	T
Plant	Asian marshweed	<a href="#">Limnophila sessiliflora</a>	Prohibited	5/1/2015	A, W

**Invasive Species**

- Learn More
- Report an Invasive
- Prevent the Spread
- Control Measures
- Rules and Regulations
- Wisconsin Invasive Species Council

# Autumn Olive

**Restricted**



Restricted

# Black Locust



# Buckthorn

**Restricted**





# Siberian Elm

**Restricted**



Noxious weed or cash crop?

# Wild Parsnip



# Parsnip Burn









# Scott County PGR 2MAT



2009

# Cty TT South of Sth 16/60



**DEFINITE LINE OF PARSNIP**

# Sth 33 (Cth A to Sth 26)



Untreated



Treated



Untreated



Treated



# Short grass medians





7/9/2020

2 MAT

# THRIVING MILKWEED



# How many times are roads near you mowed per year?

- Once per year = \$75-150/A
- Twice per year = \$150 – 300/A
- Three per year = \$300-\$450/A
- Four per year = \$450-\$600/A

If you could eliminate 1 mowing, would  
save **\$75-150/A**



# Cost analysis Dodge County

	2022 Mowing	2022 Spraying	2023 Spraying	2023 Mowing
Labor	\$23,852	\$10,732	\$18,723	\$58,641
Equipment	\$39,867	\$11,264	\$17,944	\$104,237
Material	\$0	\$10,809	\$45,036	\$0
Total	\$63,719	\$32,805	\$81,703	\$162,878
Cost per lane mile	\$111.78 (14' Mower)	\$57.55 (14' Spray Width)	\$75.58 (22' Spray Width)	\$150.67
Cost per Acre			\$39	\$88

# BOOMBUSTER NOZZELS



## Nozzle Combinations for Speeds from 5-10mph

**Mod 120-5R**  
Band Width - 5ft

**Mod 180-10R**  
Band Width - 10ft

**Mod 265-R**  
Band Width - 19.5ft

## Nozzle Combinations for Speeds from 7-15mph

**Mod 180-6R**  
Band Width - 6ft

**Mod 260-11R**  
Band Width - 11ft

**Mod 375-R**  
Band Width - 21.5ft

## Nozzle Combinations for Speeds from 15-30mph

**Mod 260-5R**  
Band Width - 5ft

**Mod 370-R**  
Band Width - 10ft

**Mod 500-R**  
Band Width - 20ft

**Boom Buster™ Model 260-11 and Model 260-11R spray nozzles.**



**Based on scientific testing performed by the University of Nebraska, conducted at the USDA testing facility in College Station, Texas, we certify that the Boom Buster™ Model 260-11 and 260-11R spray nozzles, when operated at pressures ranging from 30psi to 50psi, produce spray droplet sizes classified as Extremely Coarse, or larger, as defined by American Society of Agricultural and Biological Engineers (ASABE) standard S-572.1.**

**Fraser Bowen, President, Bear River Industries, Inc., manufacturer of Boom Buster™ spray nozzles.**

Degree of Atomization	Droplet Size (Microns)	Relative Size Related to Common Objects
Fog	Up to 25	Point of a Needle (25 Microns)
Fine Mist	20-100	Human Hair (100 Microns)
Fine Drizzle	100-250	Sewing Thread (150 Microns)
Heavy Drizzle	250-500	Toothbrush Bristle (300 Microns)
Light Rain	500-800	Staple (550 Microns)
Heavy Rain	800-1000	Paper Clip (850 Microns)
Thunderstorm Rain	1000-4000	#2 Pencil Lead (2000 Microns)

## ASABE S572.1 Droplet Size Class

The American Society of Agricultural and Biological Engineers (ASABE) developed this measure and interpret spray quality from tips.

Spray Quality*	Size of Droplets	VMD Range (Microns**)	Color Code	Retention on Difficult to Wet Leaves	Used for	Drift Potential
Extremely Fine	Small	<60	Purple	Excellent	Exceptions	High
Very Fine		61-105	Red	Excellent	Exceptions	
Fin		106-235	Orange	Very Good	Good Cover	
Medium		236-340	Yellow	Good	Most Products	
Coarse		341-403	Blue	Moderate	Systemic Herbicides	
Very Coarse		404-502	Green	Poor	Soil Herbicides	
<b>Extremely Coarse</b>		<b>503-665</b>	White	Very Poor	Liquid Fertilizer	
Ultra Coarse	Large	>665	Black	Very Poor	Liquid Fertilizer	Low

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\*Always read the pesticide label to determine which spray quality is required.

\*\*Estimated from sample reference graph in ASABE/ANSI/ASAE Standard S572.1

ASABE S572.1 standard uses eight droplet classification categories, six of which are common for agriculture and horticulture.

Very Fine

Fine

Medium

Coarse

Very Coarse

Extremely Coarse

## Model 375R

3/4" Standard Pipe Thread

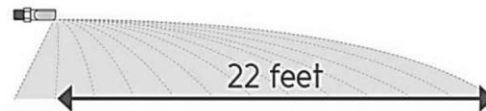


Spray Distance	Effective Distance	Mounting Angle	PSI	GPM	Speed (Miles Per Hour)								
					2	4	5	6	8	10	12	14	15
23 ft	21.5 ft	LEVEL	30	14.4	166	83	66	55	41	33	28	24	22
23 ft	21.5 ft	LEVEL	40	16.7	193	96	77	64	48	38	32	27	26
23 ft	21.5 ft	LEVEL	50	18.8	216	108	87	72	54	43	36	31	29

Shaded area represents gallons per acre.

## Model 375

3/4" Standard Pipe Thread



Spray Distance	Effective Distance	Mounting Angle	PSI	GPM	Speed (Miles Per Hour)								
					2	4	5	6	8	10	12	14	15
23 ft	21.5 ft	LEVEL	30	14.4	166	83	66	55	41	33	28	24	22
23 ft	21.5 ft	LEVEL	40	16.7	193	96	77	64	48	38	32	27	26
23 ft	21.5 ft	LEVEL	50	18.8	216	108	87	72	54	43	36	31	29

Shaded area represents gallons per acre.







# Types of Pesticides

## Not all are created equal

- Insecticide
- Herbicide
- Acaricide
- Molluscicide
- Rodenticide
- Avicide
- Fungicide
- Piscicide
- Nematicide
- Miticide
- Repellent
- Attractant
- Growth Regulator
- Bactericide

# Pesticides

- By their very nature, create some risk to humans, animals, or the environment because they are:
  - designed to control
  - or otherwise adversely affect a living organisms.
- At the same time, pesticides are useful to society because of their ability to:
  - Potential to kill disease-causing organisms
  - and control
    - insects
    - weeds
    - Fungus and other pests.

$LD_{50}$

L = Lethal

D = Dosage

50= 50% of those exposed

# Comparison of Acute Oral LD<sub>50</sub>'s

Values for rats in mg/kg body weight

Lethal amts for 154 lb human\*

<u>Chemical</u>	<u>LD<sub>50</sub> (mg/kg)</u>	
Nicotine	52	0.13 oz
Gasoline	150	0.37 oz
Caffeine	190	0.5 oz
Bleach	192	0.5 oz
Peak Windshield Fluid	284	
Aspirin	558	1.4 oz.
Garlon 4 Ultra	1,581	3.9 oz
Garlon 3A	2,574	6.4 oz
Table salt	3,000	7.4 oz
Baking Soda	3,500	8.6 oz
Escort	>5,000	>12.3 oz.
Milestone	>5,000	>12.3 oz
Arsenal	>5,000	>12.3 oz
TerraVue	>5,000	>12.3 oz.
Plateau	>5,000	>12.3 oz.

\*Values shown are for 100% concentrated product

Source: WSSA Herb Handbook, MSDS, Farm Chemical Handbook

-30°F

**PEAK**

**SPOT-FREE  
YEAR-ROUND  
CLEANING**

**ALL-IN-ONE™  
WINDSHIELD WASH**

**BATTLES ALL ELEMENTS**



**WATER REPELLENT TECHNOLOGY FOR IMPROVED VISIBILITY**

**DANGER**  **POISON**

VAPOR HARMFUL. MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED. CANNOT BE MADE NONPOISONOUS.  
Read carefully other cautions on the side panel.

**1 U.S. Gal. (3.78 L)**



EXIT 95 A  
29 EAST  
Green Bay  
3/4 MILE

EXIT 95 B  
29 WEST  
Menomonie



UNTREATED

**Always work safely!**

**No matter how many times you  
have done the job!**



# Invasive Species Control Recommendations

<p><b>Autumn Olive</b> 2 oz Escort XP or 1 tsp./gal 5% Garlon 4 Ultra or Vastlan 2.85 oz. TerraVue or 20 oz. HighNoon Best – combination of both</p> <p><b>Amur Cork</b> Basal/cut stump--Garlon 4 Ultra 20%+ <b>Bark Oil</b> Garlon 4 Ultra or Vastlan @ 3%-Foliar</p> <p><b>Black locust</b> 5% Transline with <b>Bark Oil</b>/LT for basal bark 3% Milestone with <b>Bark Oil</b>/LT for basal bark 5.7 oz. TerraVue per 50-gal water for foliar – spot spray* 20 oz. Transline per 50-gallon water for foliar 14 oz. Milestone per 50 gallons water for foliar –spot spray*</p> <p><b>Box Elder</b> 20% Garlon 4-basal or cut surface-with <b>Bark Oil LT</b> 2% Garlon or Vastlan – foliar 7oz Milestone</p> <p><b>Buckthorn</b> Basal/cut stump--Garlon 4 Ultra 20%+ <b>Bark Oil</b> Pathfinder II (ready to use Garlon 4 at 18%) Garlon 4 Ultra or Vastlan @ 5%-Foliar</p> <p><b>Canada &amp; other thistles</b> 7 oz. Milestone or .25 oz. /gal 16 oz Transline or .5 oz./gal 2.85 oz. <b>TerraVue</b> or 20 oz. <b>HighNoon</b></p> <p><b>Cattail</b> 1 qt. Arsenal or Polaris or 1% 10% Roundup Custom After Aug. 1</p> <p><b>Crown &amp; Cow Vetch</b> 1 p.t Transline or .5 oz./gal 7 oz. Milestone or 1/3 oz. Milestone /gallon 3 oz. Opensight 2 oz. TerraVue or 15 oz. HighNoon 1 oz Escort XP</p> <p><b>Garden Valerian</b> 2% Garlon or Vastlan</p> <p><b>Garlic mustard</b> 3% Roundup Custom or AquaNeat (Glyphosate) 1.5 oz of Oust XP per acre (Stock Solution recipe) 2 oz. Detail per acre If blooming for fast burn down 2-3% Garlon</p> <p><b>Honeysuckle</b> 7% Roundup Custom (Glyphosate 53.8%) 10% 41% Glyphosate 20% BurnMaster basal 3pts. BurnMaster foliar 2% Clash foliar* 4% Clash basal bark*</p> <p><b>Japanese Barberry</b> 2-3% Garlon or Vastlan foliar 2 oz Escort XP</p> <p><b>Japanese Hedge Parsley</b> 1 oz. Escort XP or ½ tsp/gal water</p> <p><b>Japanese Knotweed</b> 1% Arsenal or Polaris* ½ oz. Milestone/gal DON'T spray before Flowering* 5.7 oz. TerraVue DON'T spray before Flowering* 4% Clash for Basal Bark*</p> <p><b>Leafy spurge</b> ½ oz. Milestone /gallon- (spot treat only) 8 oz. Method or ½ oz. per gal – (spot treat only) 5.7 oz. TerraVue or 40 oz. HighNoon – spot treatment only</p>	<p><b>Multiflora Rose</b> 1 oz. Escort XP or 1/2 tsp. per gallon 1-2% Garlon or Vastlan foliar Best – combination of both</p> <p><b>Oriental Bittersweet</b> 20% Garlon 4-basal or cut surface-with <b>Bark Oil LT</b> Pathfinder II (ready to use Garlon 4 at 18%) 2% Garlon or Vastlan – foliar</p> <p><b>Phragmites</b> 2qt. Arsenal or Polaris or 2% 10% AquaNeat or Roundup Custom</p> <p><b>Poison Ivy</b> 1-2% Garlon or Vastlan</p> <p><b>Prickly ash</b> 20% Garlon 4 Ultra for basal bark 1-2% Garlon for foliar 1.5 oz Escort per 50 gallons water</p> <p><b>Purple Loosestrife</b> 2% Garlon 3A or Vastlan 2% Aqua Sweep 2% Rodeo</p> <p><b>Reed canary grass</b> 12 oz Plateau 2 oz Escort XP 1-2% Intensity or Clethodim 10% Roundup Custom late Season All products should include <b>MSO</b> surfactant or <b>Liberate**</b></p> <p><b>Siberian Elm</b> 7oz Milestone 1.5oz Escort XP</p> <p><b>Spotted knapweed.</b> 12oz. Transline 5 oz Milestone or .25% solution 2.5 oz. <b>TerraVue</b> or 18 oz. <b>HighNoon</b></p> <p><b>Sumac</b> 1-2% Garlon or Vastlan 3% Milestone with Bark Oil 7 oz Milestone per 50 gallons water for foliar</p> <p><b>Tansy</b> 1 oz. Escort XP 3.3 oz Opensight 2.5 oz. <b>TerraVue</b> or 18 oz. <b>HighNoon</b></p> <p><b>Teasel</b> 1 pt Transline 7 oz. Milestone 3.3 oz Opensight 2.5 oz. <b>TerraVue</b> or 18 oz. <b>HighNoon</b></p> <p><b>Wild Chervil</b> 1 oz. Escort XP or ½ tsp. /gal. 3.3 oz. Opensight early season 2.5 oz. TerraVue / 18 oz. HighNoon early season or late fall Add 1 oz. Detail during late flowering for seed suppression.</p> <p><b>Wild parsnip</b> 1 oz. Escort XP or ½ tsp. /gal. 3.3 oz. Opensight early season (rosettes) 2.5 oz. <b>TerraVue</b> / 18 oz. <b>HighNoon</b> early season or late fall Add 1 oz. Detail during late flowering for seed suppression.</p> <p><b>Wild Carrot or Queens Anne's Lace</b> Same as above</p> <p><b>Note</b> 1% solution equals 1.28 oz 2% solution equals 2.56 oz <b>*Caution in Woodland sites</b></p>
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# Questions ?

