



# Garlon™ RTU Herbicide

GROUP	4	HERBICIDE
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For the selective control of individual, undesirable woody plants in pastures and rangelands, forest and woodland management areas and in non-crop areas.

COMMERCIAL

READ THE LABEL AND BOOKLET BEFORE USING  
KEEP OUT OF REACH OF CHILDREN

ACTIVE INGREDIENT: triclopyr 144 g acid equivalent/L  
(present as butoxyethyl ester)

Solution

REGISTRATION NO. 29334 PEST CONTROL PRODUCTS ACT

**CAUTION – EYE IRRITANT  
POTENTIAL SKIN SENSITIZER**

NET CONTENTS: 0.1 L – bulk

**Dow AgroSciences Canada Inc.**  
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Calgary, Alberta  
T2P 1M4  
1-800-667-3852

## **PRECAUTIONS**

### **MAY IRRITATE EYES – AVOID CONTACT WITH EYES**

### **POTENTIAL SKIN SENSITIZER**

### **KEEP OUT OF REACH OF CHILDREN**

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing vapour or spray mist. Where frequent inhalation of spray mist cannot be avoided, occupational exposure to pesticides can be reduced by use of an air-purifying respirator equipped with organic vapour cartridges. Avoid contact with treated foliage and other contaminated surfaces while wet. Take precautions to avoid spray drift. Direct spray outward and away from self. Avoid overhead spraying. Select spray nozzle types and pressures to minimize drift potential.

Practice good personal hygiene. At all times when handling product, plan events in such a way as to minimize personal exposure. Locate wash stations with an adequate supply of fresh water on work vehicles. Wash thoroughly with soap and water after handling and before eating or smoking. Bathe or take a hot shower after work using plenty of soap.

### **To minimize exposure when handling and applying Garlon RTU Herbicide:**

- Read and follow directions in the Protective Equipment Requirements and Operator Use Precautions sections on the label.
- Applicators should be supervised to ensure that all label directions and proper application techniques are followed.
- 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.
- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

## **PROTECTIVE EQUIPMENT REQUIREMENTS**

### **Handling Product**

When handling product, wear goggles or faceshield, chemical resistant gloves (nitrile or neoprene), clean coveralls over normal work clothes, impermeable head covering and chemical resistant boots (rubber) during all loading activities. Remove contaminated clothing promptly and wash before reuse. Exercise care in removal of contaminated clothing to avoid secondary skin contact. Segregate contaminated articles and launder separately from other clothing using a double rinse. Leather articles such as boots, belts or watchbands should be destroyed if contaminated by product.

### **Applying Product**

When spraying product and during equipment maintenance and repair, wear clean coveralls over normal working clothes, impermeable head covering, chemical resistant gloves (nitrile or neoprene) and chemical resistant footwear such as rubber boots.

## **PHYSICAL OR CHEMICAL HAZARDS**

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

## **FIRST AID**

**Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.**

**If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

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

**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 centre 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 centre or doctor for treatment advice.

## **TOXICOLOGICAL INFORMATION**

The decision of whether to induce vomiting or not should be made by an attending physician. If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. **This product contains petroleum distillates.** No specific antidote. Employ supportive care. Treatment should be based on judgment of the physician in response to reactions of the patient.

Do not ship or store with food, feeds, drugs or clothing.

## **ENVIRONMENTAL HAZARDS**

Toxic to aquatic organisms and non-target terrestrial plants. The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g., sandy soil) and/or where the depth to the water table is shallow.

## **STORAGE**

To prevent contamination, store this product away from food or feed. Store above -2°C or agitate container before use.

## **DISPOSAL**

### **Recyclable Containers:**

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container with small amounts of mineral or vegetable oil. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

### **Returnable Containers:**

Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

## **DISPOSAL INSTRUCTIONS FOR JERRIBOX**

DO NOT reuse this container for any purpose. For disposal, this empty container may be returned to TrueNorth as per their instructions. If the cardboard shows no sign of pesticide contamination, remove the plastic bag inserts and recycle the cardboard box locally. Return the plastic bag inserts or the whole package to TrueNorth as per their instructions by contacting a TrueNorth representative at one of the following toll free numbers: Western Canada 1-866-572-8240; Eastern Canada 1-877-940-4338.

**IMPORTANT: CAPS MUST BE SECURELY RE-FASTENED ONTO EMPTY PLASTIC BAG INSERTS IMMEDIATELY FOLLOWING REMOVAL OF THE PRODUCT.**

## **GENERAL INFORMATION**

Garlon RTU Herbicide is recommended for the selective control of individual undesirable woody plants in pastures and rangelands, forest and woodland management areas and in non-crop areas, including: rights-of-way, electrical power lines, communication lines, pipelines, roadsides and railroads, fencerows and around farm buildings, military bases, industrial, manufacturing and storage sites.

Among the woody plants controlled are:

alder	elderberry	poplar
ash	elm*	red maple*
aspen	hawthorn	sassafras
basswood	hickory	sumac
beech	hop-hornbeam	sycamore
birch	honey locust*	tamarack
blackberry	locust	wild rose
buckthorn	maples	willow
cherry*	mulberry	witchhazel
chokecherry*	oaks*	
cottonwood	pin*	
dogwood		

\*These species may need to be retreated the following year.

### **DIRECTIONS FOR USE**

For best results, applications of Garlon RTU Herbicide should be made when woody plants are actively growing.

### **GENERAL USE PRECAUTIONS**

- DO NOT apply by air.
- DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.
- As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.
- Do not use this product more than once per year.
- Apply only when potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and parks is minimal.
- Do not use this product as a broadcast foliar spray in residential areas. Residential areas are defined as sites where bystanders including children may be potentially exposed during or after spraying. This includes around homes, schools, parks, playgrounds, playing fields, public buildings or any other areas where the general public, including children, could be exposed.

### **Slaughter Withhold**

Withdraw livestock from grazing treated grass or consumption of treated hay at least 3 days prior to slaughter.

### **DIRECTIONS FOR USE - BASAL BARK APPLICATIONS**

#### **General Information and Instructions**

For the selective control of individual, undesirable woody plants, use Garlon RTU as directed below. Do not add water, mineral oil or vegetable oil. Do not dilute. Garlon RTU is formulated to be used right out of the container. Use low nozzle pressure to minimize spattering of spray solution off the target stem. For best results, apply when stem and bark are dry.

#### **One-Sided Low Volume**

To control woody plants with stems less than 15 cm in basal diameter, apply Garlon RTU Herbicide with a knapsack or backpack sprayer using a flat fan or solid cone nozzle, or wick attachment. Low pump pressures of 70 to 210 kPa are recommended. Spray the basal parts of at least one side of each stem to thoroughly wet the lower 30 cm, including the root collar area, but not to the point of runoff. Apply at any time, including the winter months, except when snow or water prevents spraying at the ground line.

#### **Streamline**

To control woody plants, apply using a knapsack or backpack sprayer with a flat fan or solid cone nozzle, or wick attachment. Low pump pressures of 70 to 210 kPa are recommended. Apply sufficient spray to one side of stems less than 8 cm in basal diameter to form a band 5 cm in width. When the optimum

amount of spray mixture is applied, the treated zone should widen to encircle the stem within approximately 30 minutes. Treat both sides of stems which are 8 to 15 cm in basal diameter. Direct the spray at a point on the stem that is approximately 30 to 50 cm above ground level. Optimal results are achieved when applications are made to young vigorously growing stems which have not developed the thicker bark characteristics of slower growing, understory trees in older stands. Apply at any time, including the winter months, except when snow or water prevents spraying at the desired height above ground level.

### **Cut Stump Treatment**

To control resprouting of cut stumps of woody species, apply with a backpack or knapsack sprayer using a flat fan or a solid cone nozzle. Low pump pressures of 70 to 210 kPa are recommended. Thoroughly wet the outer portion of the cut surface adjacent to the cambium and the sides of the stumps, including the root collar area, but not to the point of runoff. Apply at any time, including the winter months, except when snow or water prevents spraying to the ground line. Care must be given to ensure treatment of all cut stems in a clump.

**NOTE TO USER:** READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS: The DIRECTIONS FOR USE for this product for the use(s) described below were developed by persons other than Dow AgroSciences Canada Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Dow AgroSciences Canada Inc. itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the crop(s) listed below.

Accordingly, the Buyer and User assumes all risks related to performance and crop tolerance arising, and agree to hold Dow AgroSciences Canada Inc. harmless from any claims based on efficacy and/or phytotoxicity in connection with the use(s) described below.

### **DIRECTIONS FOR USE**

**LOWBUSH BLUEBERRY SITE PREPARATION:** Make one application per year. Apply as a directed ground spray. Direct contact of the spray with the blueberry plant will cause severe damage.

**Woody plants controlled:** alder, ash, birch, chokecherry<sup>†</sup>, maples (red maple<sup>†</sup>), and poplar.

<sup>†</sup>may require a repeat application the following year for control.

**Application rate:** Refer to the **Basal Bark Application** section of the main Garlon RTU Herbicide label.

### **RESISTANCE MANAGEMENT RECOMMENDATIONS**

For resistance management, Garlon RTU Herbicide is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to Garlon RTU Herbicide and other Group 4 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance management strategies should be followed.

To delay herbicide resistance:

- Where possible, rotate the use of Garlon RTU Herbicide or other Group 4 herbicide with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted.
- Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural, biological and other chemical control practices.
- Monitor treated weed populations for resistance development.
- Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.

- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance management and/or integrated weed management recommendations for specific crops and weed biotypes.
- For further information and to report suspected resistance, contact Dow AgroSciences Canada Inc. at 1-800-667-3852 or at [www.dowagro.ca](http://www.dowagro.ca).

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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Specimen Label Code  
Text and branding updates