

Principal Display Panel

<b>GROUP</b>	<b>2</b>	<b>HERBICIDE</b>
<b>GROUP</b>	<b>4</b>	<b>HERBICIDE</b>

**TRITON® C Herbicide**

FOR SALE FOR USE ON WHEAT (SPRING OR DURUM), AND SPRING BARLEY (GROWN FOR FEED PURPOSES ONLY) IN THE PRAIRIE PROVINCES AND THE PEACE RIVER REGION OF BRITISH COLUMBIA ONLY

AGRICULTURAL

**REGISTRATION NO. 28622 PEST CONTROL PRODUCTS ACT**

**WARNING – EYE AND SKIN IRRITANT**

**CAUTION – POISON**

<b>GUARANTEE:</b>	Quinclorac	51.55 %
	Thifensulfuron methyl	10.30 %
	Tribenuron methyl	5.15 %
		<hr/>
		67.00 %

**NET CONTENTS:** 785 grams - 3.14 Kg

READ THE LABEL AND THE ATTACHED BOOKLET BEFORE USING

E.I. DU PONT CANADA COMPANY  
AGRICULTURAL PRODUCTS  
BOX 2300 STREETSVILLE  
MISSISSAUGA, ONTARIO  
L5M 2J4  
1-800-667-3925

PRECAUTIONS:

- WARNING - EYE AND SKIN IRRITANT.
- POTENTIAL SKIN SENSITIZER
- KEEP OUT OF REACH OF CHILDREN.
- AVOID BREATHING SPRAY MIST. USE WITH ADEQUATE VENTILATION.
- AVOID CONTACT WITH SKIN, EYES AND CLOTHING. WEAR GOGGLES OR FACE SHIELD, COVERALLS, AND SUITABLE CHEMICAL RESISTANT GLOVES DURING MIXING AND LOADING.
- DO NOT CONTAMINATE ANY BODY OF WATER.
- MAY BE HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES EYE AND SKIN IRRITATION.
- WHEN USING, DO NOT EAT, DRINK OR SMOKE. WASH SKIN THOROUGHLY WITH SOAP AND WATER AFTER HANDLING.
- REMOVE CONTAMINATED CLOTHING IMMEDIATELY AFTER USE. STORE AND WASH CONTAMINATED CLOTHING SEPARATELY FROM HOUSEHOLD LAUNDRY BEFORE REUSE.
- DO NOT APPLY BY AIR

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., consult the CropLife Canada website visit [www.croplife.ca/](http://www.croplife.ca/).

FIRST AID:

In case of poisoning, contact a physician or a poison control centre.

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.

IF ON SKIN:

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 SWALLOWED:

Call a poison control centre 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 centre or doctor. 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 centre or doctor for further treatment advice.

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

For medical emergencies, call 1-800-441-3637 (24 hours).

TOXICOLOGICAL INFORMATION:

Treat symptomatically.

STORAGE:

Store product in original container only, away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home. Keep container closed.

DISPOSAL:

1. Triple-or pressure-rinse the empty container. Add rinsings to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. 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.

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.

The seller warrants that the purchase by the buyer and the use of this product, as such, will not infringe any Canadian patent.

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- KEEP OUT OF REACH OF CHILDREN.
- AVOID BREATHING SPRAY MIST. USE WITH ADEQUATE VENTILATION.
- AVOID CONTACT WITH SKIN, EYES AND CLOTHING. WEAR GOGGLES OR FACE SHIELD, COVERALLS, AND SUITABLE CHEMICAL RESISTANT GLOVES DURING MIXING AND LOADING.
- DO NOT CONTAMINATE ANY BODY OF WATER.
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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.

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

For medical emergencies, call 1-800-441-3637 (24 hours).

**TOXICOLOGICAL INFORMATION:**

Treat symptomatically.

**ENVIRONMENTAL PRECAUTIONS:**

- Overspray or drift to important wildlife habitats such as shelterbelts, wetlands, sloughs or dry slough borders and woodlots should be avoided. Leave a 15-meter buffer zone between the last spray swath and the edge of any of these habitats.
- Do not use on highly variable soils that have large gravelly or sandy areas, eroded knolls, or calcium deposits.
- Do not remove soil from treated fields for use on lawns, in gardens or for back fill.
- Do not contaminate irrigation water. Do not apply to land where tail water will be used to irrigate cropland.
- Do not apply more than 97 g per hectare of Triton C Herbicide per season.
- Do not apply when weather conditions may cause spray drift from treated areas to adjacent crops. Certain crops, such as alfalfa, canola, clover species, fababeans, flax, lentils, ornamentals, potatoes and vegetables will be injured by spray drift.
- Quinclorac is persistent and will carryover. It is recommended that any products containing quinclorac not be used in areas treated with this product during the previous season.

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**PRODUCT DESCRIPTION:**

TRITON® C Herbicide is recommended for selective post-emergent control or suppression of broadleaf weeds in spring wheat, durum, and spring barley (grown for feed purposes only), not under seeded to legumes or grasses.

TRITON® C Herbicide contains 3 active ingredients formulated as dry flowable, or water soluble granules, blended in plastic jugs to treat a fixed area of 16.19 hectares or 32.38 hectares. It is non-corrosive, non-flammable, non-volatile and does not freeze. Should product be exposed to freezing temperatures, warm to room temperature prior to use.

Use gloves and goggles when handling the product. Each unit area jug must be emptied completely into the spray tank and not resealed with product remaining inside.

TRITON® C Herbicide is to be mixed with water and Merge\* adjuvant and applied as a uniform broadcast spray. Apply early post emergence, to the main flush of actively growing broadleaf weeds. APPLY WITH GROUND EQUIPMENT ONLY.

Warm, moist growing conditions promote active weed growth and enhance the activity of TRITON® C Herbicide by allowing maximum foliar uptake and contact activity. Weeds hardened off by cold weather or drought stress may not be adequately controlled or suppressed and regrowth may occur. For best results, ensure thorough spray coverage of target weeds. See "DIRECTIONS FOR USE" section of this label for complete use details.

TRITON® C Herbicide stops growth of susceptible weeds rapidly. However, typical symptoms of dying weeds, including twisting, chlorosis, stunting and discoloration, may not be noticeable for 1 to 3 weeks after application, depending upon growing conditions and weed susceptibility. Degree of control and duration of effect are dependent on weed sensitivity, weed size, crop competition, growing conditions at and following treatment, and spray coverage.

TRITON® C SG Herbicide may provide residual activity in soil, and for this reason treated fields cannot be rotated to crops and recrop intervals other than specified in the section Replanting to Other Crops.

### **IMPORTANT INFORMATION: READ BEFORE USING**

Injury to or loss of desirable trees or vegetation may result from failure to observe the following:

- Do not apply, drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.
- Do not use on lawns, walks, driveways, recreational grounds or similar areas.
- Prevent drift of spray to desirable plants.
- Do not contaminate any body of water, including irrigation water that may be used on other crops.
- Carefully observe sprayer clean-up instructions, as spray tank residues may damage crops other than wheat, spring barley or oats.

### **REPLANTING TO OTHER CROPS:**

<b>CROP</b>	<b>MINIMUM RECROPPING INTERVAL (months)</b>	<b>NOTES</b>
Spring wheat, durum, spring barley	0	In the event of a crop failure, only these crops can be reseeded in treated fields.

Canola, field peas, sunflower	10	These crops can be planted in the year following treatment.
Flax, lentils*	22	These crops can be planted in treated fields in the second year after treatment.

\*On lighter soils with low organic matter or under dry conditions, some crop injury may occur particularly in flax and lentils but will not reduce yield. Under these conditions, the minimum recropping interval for flax and lentils should be extended by 12 months.

**TRITON® C Herbicide should not be used on land where potatoes or vegetables are part of the rotation.**

Other crops should only be planted after a field bioassay has shown that it is safe to do so. A successful field bioassay means growing to maturity a test strip of the crop(s) intended for production the following year.

**GRAZING/HARVEST RESTRICTIONS:**

Spring wheat, durum, or spring barley may not be grazed or fed to livestock within 77 days of application.

Do not apply TRITON® C Herbicide within 77 days of harvest of spring wheat or durum or 80 days of harvest of spring barley.

Spring barley may not be grazed or fed to livestock within 80 days of application when Triton® C Herbicide is tank mixed with Puma 120 Super.

**VARIETY RESTRICTIONS:**

Limit use of TRITON® C Herbicide to currently licensed varieties of spring wheat, durum and spring barley. Consult E. I. du Pont Canada Company prior to use on unlicensed varieties for crop tolerance information. **DO NOT USE ON LEGER SPRING BARLEY OR BELVEDERE WHEAT VARIETIES.**

**APPLICATION INFORMATION:**

**APPLICATION PRECAUTIONS:**

- DO NOT APPLY BY AIR.
- Do not apply to irrigated land where tail water will be used to irrigate cropland.
- Do not use on highly variable soils that have large gravelly or sandy areas, eroded knolls or calcium deposits.
- Overspray or drift to important wildlife habitats such as shelterbelts, wetlands, sloughs or dry slough borders and woodlots should be avoided. Leave a 15-meter buffer zone between the last spray swath and the edge of any of these habitats.
- Apply with an adjuvant registered for use with TRITON® C Herbicide. Use only water as a carrier. Other carriers may accelerate breakdown of TRITON® C Herbicide and reduce its effectiveness.
- Do not apply to crops underseeded to legumes or grasses as injury to forage may result.
- Application to crops that are stressed by severe weather conditions, frost, low fertility, water logged soil (soil at or near field capacity), disease or insect damage may result in crop injury. Drought, disease or insect damage following application may also result in crop injury.

- Under certain conditions, such as heavy rainfall, prolonged cool weather, frost or wide fluctuations in day/night temperatures, temporary lightening in crop colour, and occasionally, a slight reduction in crop height may occur.
- Do not apply more than 97 grams/hectare of TRITON® C Herbicide per year.

**APPLICATION INSTRUCTIONS:**

Apply the spray mixture uniformly with properly calibrated ground equipment only. Ensure thorough coverage and a uniform spray pattern. Flat fan nozzles are recommended (minimum 55 litres spray volume per hectare). Use 50 mesh or larger filter screens (metal or nylon). A spray pressure of 210-275 kPa is recommended.

Continuous agitation is required to keep TRITON® C Herbicide in suspension. Apply uniformly. Avoid overlapping and shut off spray boom while starting, turning, slowing or stopping to prevent crop injury from over application.

**DIRECTIONS FOR USE:**

**SPRING WHEAT, DURUM, SPRING BARLEY (Grown for feed purposes only), NOT UNDERSEEDED TO FORAGES.**

**TRITON® C Herbicide**

<b>APPLY</b>	TRITON® C Herbicide Merge* Adjuvant	97 grams/Ha 1% v/v (10 L/1000L)				
<b>TIMING</b>	Make application when crop is in the 2-5 leaf stage. For best results apply to young, actively growing weeds that are less than 10 cm in height or diameter (cleavers 1-4 whorls). Thorough coverage of foliage is important for consistent weed control.					
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; text-align: center;"><b>Weeds Controlled</b></td> <td style="width: 50%; text-align: center;"><b>Weeds Suppressed*</b></td> </tr> <tr> <td style="vertical-align: top;">           Annual smartweed (green smartweed, lady's thumb)            Annual sowthistle            Ball mustard            Chickweed<sup>2</sup>            Cleavers (1-4 whorls)            Corn spurry            Cow cockle            Flixweed            Groundsel, common            Hemp-nettle            Kochia            Lamb's-quarters            Narrow-leaved hawk's-beard            Redroot pigweed            Russian thistle            Shepherd's purse            Stinkweed            Tartary buckwheat            Volunteer rapeseed<sup>6</sup> </td> <td style="vertical-align: top;">           Canada thistle<sup>1</sup>            Round-leaved mallow<sup>4</sup>            Scentless chamomile            Sow thistle<sup>1</sup>            Stork's-bill (2-6 leaf)            Toadflax<sup>5</sup> </td> </tr> </table>			<b>Weeds Controlled</b>	<b>Weeds Suppressed*</b>	Annual smartweed (green smartweed, lady's thumb) Annual sowthistle Ball mustard Chickweed <sup>2</sup> Cleavers (1-4 whorls) Corn spurry Cow cockle Flixweed Groundsel, common Hemp-nettle Kochia Lamb's-quarters Narrow-leaved hawk's-beard Redroot pigweed Russian thistle Shepherd's purse Stinkweed Tartary buckwheat Volunteer rapeseed <sup>6</sup>	Canada thistle <sup>1</sup> Round-leaved mallow <sup>4</sup> Scentless chamomile Sow thistle <sup>1</sup> Stork's-bill (2-6 leaf) Toadflax <sup>5</sup>
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Volunteer sunflower Wild buckwheat <sup>3</sup> Wild mustard
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\*Weed suppression is a visual reduction in weed competition (reduced population and/or vigour) as compared to an untreated check. Degree of suppression will vary with size of weed and environmental conditions prior to and following treatment.

**Specific Weed Recommendations:**

1. Canada thistle, Sow thistle: Apply TRITON<sup>®</sup> C Herbicide plus recommended surfactant postemergence when the majority of the thistles have emerged and are actively growing. For best top growth control, apply when thistles are no larger than 15 cm tall, before bud stage, and before crop canopy prevents thorough coverage of thistles. A single application will effectively inhibit the ability of emerged thistles to compete with the crop. Later emerging thistles will not be controlled.
2. Chickweed: Apply TRITON<sup>®</sup> C Herbicide plus recommended surfactant when the chickweed is small (1-6 leaf) and actively growing but before crop canopy prevents thorough coverage of weeds. Chickweed emerging after application will not be controlled.
3. Wild Buckwheat: Apply TRITON<sup>®</sup> C Herbicide plus surfactant to actively growing wild buckwheat in the cotyledon 1-5 leaf stage. Under stress conditions such as dry weather control may be reduced. Large plants may regrow after treatment.
4. Round-leaved Mallow: Apply TRITON<sup>®</sup> C Herbicide plus a surfactant to actively growing round leaved mallow in the 2-6 leaf stage (10-12 cm in height). TRITON<sup>®</sup> C Herbicide will keep mallow stunted but may not reduce the overall populations.
5. Toadflax: Apply TRITON<sup>®</sup> C Herbicide plus recommended surfactant when toadflax is no taller than 15 cm in height. A control program for this weed includes both frequent tillage and chemical application.
6. Volunteer rapeseed: TRITON<sup>®</sup> C Herbicide alone will not control imazamox and imazethapyr tolerant canola varieties, (e.g. Clearfield\* canola).

**NOTE:**

Avoid making applications to weeds when rainfall is threatening. Rainfall within 6 hours will result in reduced weed control of TRITON<sup>®</sup> C Herbicide.

**TRITON<sup>®</sup> C Herbicide + HORIZON 240EC**

<b>APPLY</b>	TRITON <sup>®</sup> C Herbicide Horizon* 240 EC Score* Adjuvant	97 grams/Ha 230 mL/Ha 0.8% v/v
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<b>TIMING</b>	Apply to spring and durum wheat at the 2 to 5 leaf stage, to actively growing wild oats in the 1 to 6 leaf stage, prior to emergence of the 4 <sup>th</sup> tiller, and to green foxtail in the 1 to 5 leaf stage, prior to emergence of the 3 <sup>rd</sup> tiller. Thorough coverage of foliage is important for consistent weed control. Consult the Horizon* 240 EC label for additional information on appropriate weed staging, application instructions, environmental and use precautions
<b>Weeds Controlled</b>	
Weeds controlled or suppressed by TRITON <sup>®</sup> C Herbicide alone, plus Green Foxtail Wild Oats	

**TRITON<sup>®</sup> C Herbicide+ PUMA\* 120 SUPER**

<b>APPLY</b>	TRITON <sup>®</sup> C Herbicide Puma 120 Super	97 grams/Ha 770 mL/Ha
<b>TIMING</b>	Apply to spring and durum wheat at the 2 to 5-leaf stage or to spring barley (grown for feed purposes) at the 2 to 4-leaf stage. Apply the tank mix to annual grasses in the 1-6 leaf stage (up to emergence of third tiller), or to cleavers in the 1-4 whorl. Consult the Puma* 120 Super label for additional information on appropriate weed staging, application instructions, environmental and use precautions	
<b>Weeds Controlled</b>		
Weeds controlled or suppressed by TRITON <sup>®</sup> C Herbicide alone, plus Green Foxtail Wild Oats Barnyard Grass		

**MIXING INFORMATION:**

**MIXING PRECAUTIONS:**

Do not allow the spray mixture to remain in the tank for more than 24 hours before spraying or the effectiveness may be reduced. If the spray mixture has been allowed to stand in the tank, use vigorous agitation to thoroughly disperse before resuming spraying.

**MIXING DIRECTIONS:**

Select a spray volume that will ensure thorough coverage and a uniform spray pattern. Use a minimum of 55 L of spray volume per hectare. If tank mixing with other herbicides, always consult the label of the tank mix partner(s) for minimum spray volume requirements and apply the tank mixture using a water volume recommended for all products.

1. Fill the spray tank 1/4 to 1/3 full with fresh water.

2. Add the recommended amount of TRITON<sup>®</sup> C Herbicide to the spray tank while the agitator is running. Agitate for a minimum of 5 minutes before adding tank mix partners. Continuous agitation is recommended through the entire mixing procedure to ensure products are completely dissolved and/or in suspension.
3. After TRITON<sup>®</sup> C Herbicide is in suspension, other tank mix components may be added while continuing to fill the tank with water. The proper sequence for tank mix components is:
  - a. dry formulations
  - b. emulsifiable concentrates
  - c. adjuvants (a recommended adjuvant must be added to improve wetting and contact activity)
  - d. If a drift control agent is to be tank mixed, it is to be added last.

For repeat loads, reduce the tank heel to 10% or less of the previous load. Fill tank with fresh water as described in step 1, and continue as directed. Emulsifiable concentrates may make dispersion of TRITON<sup>®</sup> C Herbicide more difficult. For that reason, tank heels of the previous tank mix should be kept to 10% or less of the spray tank volume.

#### **EQUIPMENT CLEANING INFORMATION:**

##### **CLEANING PRECAUTIONS:**

CAUTION: Do not use ammonia with chlorine bleach. Using ammonia with chlorine bleach will release a gas with a musty chlorine odour, which may cause eye, nose, throat, and lung irritation. Do not clean equipment in an enclosed area.

DO NOT CLEAN SPRAYER NEAR WELL OR WATER SOURCE OR NEAR TO DESIRABLE VEGETATION.

##### **CLEANING INSTRUCTIONS:**

To avoid subsequent injury to crops other than spring wheat, durum, or spring barley, immediately after spraying and prior to spraying other crops, thoroughly remove all traces of TRITON<sup>®</sup> C Herbicide from mixing and spray equipment as follows:

1. Drain tank and flush tank, boom and hoses with clean water for a minimum of ten minutes.
2. Visually inspect tank to ensure removal of all visible residues of TRITON<sup>®</sup> C Herbicide. If necessary, repeat Step 1.
3. Fill the tank with clean water, and then add 1 litre household AMMONIA (containing minimum of 3% ammonia) per 100 litres of water, or a commercial tank cleaner such as Finnish\*.
4. Flush solution through boom and hoses, and then add more water to completely fill tank. Allow to sit for 15 minutes with agitation.
5. Again flush the hoses, boom and nozzles with the cleaning solution and drain tank.
6. Remove the nozzles and screens and clean separately in a bucket containing cleaning agent and water.

7. Repeat Steps 3-5.
8. Thoroughly rinse the tank with clean water for a minimum of 5 minutes, flushing water through the hoses and boom.

#### **RESISTANCE-MANAGEMENT RECOMMENDATIONS:**

For resistance management, TRITON<sup>®</sup> C Herbicide contains Group 2 and Group 4 herbicides. Any weed population may contain or develop plants naturally resistant to TRITON<sup>®</sup> C Herbicide and other Group 2 and 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 used of TRITON<sup>®</sup> C Herbicide or other Group 2 or Group 4 herbicides 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 or to report suspected resistance, contact your local E. I. du Pont Canada Company representative or the E.I. du Pont Canada Company hotline at 1-800-667-3925 for further information.

#### **STORAGE:**

Store product in original container only, away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home. Keep container closed

#### **DISPOSAL:**

1. Triple- or pressure-rinse the empty container. Add rinsings to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. 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.

#### **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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