

PLUS
Dry Flowable Herbicide

COMMERCIAL

**FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND PEACE RIVER
REGION OF BRITISH COLUMBIA**

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

This product must be used in combination with Triumph FM

REGISTRATION NO. 21645
PEST CONTROL PRODUCTS ACT

GUARANTEE: Thifensulfuron methyl 75%

NET CONTENTS: 162 Grams

Bayer CropScience Inc.
Suite 100, 3131 114th Avenue S.E., Calgary, Alberta T2Z 3X2
Telephone: 1-888-238-6747

DuPont Canada Inc. Agricultural Products
Box 2300, Streetsville, Mississauga, Ontario L5M 2J4
Telephone: 1-800-667-3925 Toll Free

PLUS is distributed by Aventis CropScience Canada Co.

**PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN
AVOID BREATHING SPRAY MIST
AVOID CONTACT WITH SKIN, EYES AND CLOTHING
DO NOT CONTAMINATE ANY BODY OF WATER**

FIRST AID:

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

EYE CONTACT: Flush eyes immediately with plenty of water for 15 minutes. Contact a doctor or poison control centre.

SKIN CONTACT: Wash skin with plenty of soap and water. Remove and wash all contaminated clothing before reuse.

INGESTION: Administer water freely and induce vomiting. Repeat until vomit fluid is clear. Contact a doctor or poison control centre.

INHALATION: If inhaled, remove victim to fresh air. Assist with breathing if necessary. Get medical attention or call a poison control centre.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

STORAGE AND DISPOSAL

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: 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. 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. 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.

RESISTANCE-MANAGEMENT RECOMMENDATIONS:

For resistance management, PLUS Dry Flowable Herbicide is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to PLUS Dry Flowable Herbicide and other Group 2 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 PLUS Dry Flowable Herbicide or other Group 2 herbicides with different group when such use is permitted.
- ◆ 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 DuPont representative or the DuPont hotline at 1-800-667-3925 for further information.

NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offense under the PEST CONTROL PRODUCTS ACT to use a control product under unsafe conditions.

NOTICE TO BUYER:

Seller's guarantee shall be limited to the terms set out on the label and, subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

Purchase of this material does not confer any rights under patents of countries outside Canada.

GROUP	1	HERBICIDE
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**TRIUMPH® PLUS
POST-EMERGENT
HERBICIDE TANK MIX**

**FOR USE IN SPRING WHEAT (EXCEPT DURUM), AND THE
FOLLOWING SEEDLING GRASSES FOR FORAGE AND SEED:
TALL WHEATGRASS, INTERMEDIATE WHEATGRASS, SLENDER WHEATGRASS,
NORTHERN WHEATGRASS, WESTERN WHEATGRASS, TALL FESCUE, CREEPING
RED FESCUE, SMOOTH BROMEGRASS, MEADOW BROMEGRASS**

**FOR SALE FOR USE IN THE PRAIRIE PROVINCES
AND PEACE RIVER REGION OF BRITISH COLUMBIA ONLY**

COMMERCIAL

Warning Poison

WARNING - SKIN IRRITANT
AND POTENTIAL SKIN SENSITIZER
DANGER - EYE IRRITANT

This tank mix uses:

TRIUMPH FM REGISTRATION NUMBER: 22348
PEST CONTROL PRODUCTS ACT
GUARANTEE: fenoxaprop-p-ethyl 56 g/L
MCPA equivalent 256 g/L (present as ester)

PLUS REGISTRATION NUMBER: 21645
PEST CONTROL PRODUCTS ACT
GUARANTEE: thifensulfuron methyl 75%

NET CONTENTS:
PLUS-162 GRAMS
TRIUMPH FM-13.3 LITRES

**READ THE LABEL
BEFORE USING**

Bayer CropScience Inc.
Suite 100, 3131 114 Ave SE
Calgary, AB T2Z 3X2
Phone: 1-888-238-6747

TRIUMPH PLUS Herbicide

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For More Information, Contact:

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GENERAL INFORMATION

Section 1: The Product

- FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND PEACE RIVER REGION OF BRITISH COLUMBIA ONLY.
- TRIUMPH PLUS is a post-emergent herbicide tank mix that controls certain broadleaf weeds and annual grassy weeds.
- **One 13.3 litre (2.9 gallon) jug of TRIUMPH FM combined with one 162 gram (5.7 ounce) container of PLUS treats 8.1 hectares (20 acres).**

SAFETY AND HANDLING

Section 2: Precautions, Protective Clothing and Equipment

PRECAUTIONS:

- **KEEP OUT OF REACH OF CHILDREN.** EYE AND SKIN IRRITANT. Do not get in eyes, on skin or clothing. Harmful if inhaled. DO NOT BREATHE VAPOUR OR SPRAY MIST.
- 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., contact 1-866-375-4648 or www.cropro.org/.

PROTECTIVE CLOTHING AND EQUIPMENT:

- Wear protective clothing such as coveralls, a long-sleeved shirt, chemical resistant gloves and apron, eye protection (goggles or face shield) and respirator during mixing, loading, application, cleanup and repair.
- Change contaminated clothing daily and wash before reusing.
- DO NOT handle product with bare hands. Chemical resistant gloves significantly reduce hand exposure. ALWAYS wear gloves for mixing/loading operations and when making sprayer and nozzle repairs and adjustments. DO NOT USE LEATHER OR CLOTH GLOVES.
- Rinse gloves with soap and water before removal, and wash hands thoroughly before eating, smoking or drinking.
- Clean protective equipment daily.

Section 3: First Aid and Toxicological Information

FIRST AID:

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

Ingestion: If the tank mix spray solution or TRIUMPH FM are swallowed, do **NOT** induce vomiting but immediately rush patient to nearest hospital taking these Directions For Use or the labelled containers with you, or contact a poison control centre.

If PLUS is swallowed, administer water freely and induce vomiting. Repeat until vomit fluid is clear. Get medical attention or contact a poison control centre immediately.

Eye Contact: If in eyes, flush with plenty of water for 15 minutes and take patient to hospital immediately, taking these Directions For Use or labelled containers with you, or contact a poison control centre.

Skin Contact: In case of skin contact, remove contaminated clothing and wash skin thoroughly with soap and water.

Inhalation: If inhaled, remove patient from site of exposure to fresh air.

TOXICOLOGICAL INFORMATION:

Medical personnel should contact Bayer CropScience's medical information services toll-free 1-800-334-7577.

This tank mix contains **PETROLEUM DISTILLATES**.

Section 4: Environmental Precautions and Information

- **CAUTION:** TOXIC TO FISH. Do not apply within 15 metres of a body of water or wetland area. Do not contaminate water supply, ponds, lakes, rivers, streams and irrigation ditches by direct application, spray drift or when cleaning and rinsing spray equipment or containers.
- Do not apply to land where tail water will be used to irrigate crop land. Do not contaminate irrigation water.
- Avoid spray drift onto susceptible plants and non-target areas.
- USE ONLY FOR RECOMMENDED PURPOSES AND AT RECOMMENDED RATES.
- This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment.

Section 5: Storage

- Keep away from fire, open flame and other sources of heat.
- CANNOT be stored below freezing.
- If stored for 1 year or longer, shake well before using.
- Store the tightly closed container away from feeds, seeds, fertilizers, plants and foodstuffs.
- Do not use or store in or around the home.
- Keep in original container during storage.

Section 6: Disposal

WASTE DISPOSAL: If any spray solution remains in the tank after spraying is finished, it should be sprayed on the perimeter of the field just sprayed, NOT ON THE CROP, away from water supplies, ditches, irrigation canals and desirable vegetation.

RECYCLABLE CONTAINER DISPOSAL: 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. 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.

DISPOSAL OF UNUSED, UNWANTED PRODUCT: 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 cleanup of spills.

DIRECTIONS FOR USE

Section 7: Crops, Weeds, Rates, Timing, Cautions

CROP	RECOMMENDED LEAF STAGE
Spring Wheat (Except Durum)	2-6 leaves on main stem plus 3 tillers. (ZADOKS 11 to 16,23)
Seedling Grasses for Forage and Seed: Tall Wheatgrass, Intermediate Wheatgrass, Slender Wheatgrass, Northern Wheatgrass, Western Wheatgrass, Tall Fescue, Creeping Red Fescue, Smooth Bromegrass, Meadow Bromegrass,	2-4 leaf Treated grasses not to be harvested for feed or grazed in the year of application.

Cautions:

- Do not treat Spring Wheat if underseeded to forage crops except those listed on this label.
- Do not apply to unregistered crops such as Durum Wheat, Barley or Oats, as crop damage will occur.
- TRIUMPH PLUS tank mix may NOT be used on any crop for which it is NOT registered.

WEED	RECOMMENDED LEAF STAGE
<u>Annual Grasses:</u> Wild Oats Green Foxtail (Wild Millet) Yellow Foxtail	1-6 leaf (up to emergence of 3rd tiller)
<u>Broadleaf Weeds:</u> Annual Sunflower Ball Mustard Burdock Cocklebur Field Horsetail* Flixweed** Hoary Cress* Kochia Mustards*** Plantain* Prickly Lettuce Ragweeds Russian Pigweed Shepherd's-purse**	2-4 leaf

Vetch
Wild Radish

Corn Spurry
Cow Cockle
Green Smartweed
Hemp-nettle
Lady's-thumb
Lamb's-quarters
Redroot Pigweed
Russian Thistle
Stinkweed**
Volunteer Canola (rapeseed)
Wild Mustard
Canada Thistle****

Less than 10 cm tall or across

Chickweed 1-6 leaf

Wild Buckwheat 1-3 leaf

* Top control only

** Spring seedlings only

*** Except Dog and Green Tansy

**** Suppression only (Suppression can be expressed as a reduction in height and/or a retardation and/or a yellowing of the leaves and/or browning of the leaves. Suppressed plants will usually recover.)

Rates:

- Both components in the tank-mix package must be applied together at the recommended rate, or a reduction in weed control and/or crop tolerance will result.
- To treat 8.1 hectares, combine one container of Triumph FM 13.3L with one container of Plus 162g. Equivalent rates: 1.64 L/ha of Triumph FM combined with 20 grams/hectare of Plus. Do not exceed these rates.
- **Caution:** Do not exceed a total of 20 grams per hectare per crop year of PLUS (thifensulfuron-methyl). This tank mix should be applied only once a year.

Timing:

- Apply to emerged, actively growing weeds, according to the weed stages listed. Weeds that emerge after application will not be controlled. Late application will result in reduced weed control and crop injury.
- Optimal weed susceptibility and crop tolerance generally occur at the 3-4 leaf stage of both crops and weeds. For maximum crop tolerance, apply to Wheat that has a minimum of 2 leaves, up to a maximum of 6 leaves on the main stem plus 3 tillers (ZADOKS 11 to 16,23). Application beyond this stage may result in injury to Spring Wheat.
- If the application of TRIUMPH PLUS tank mix is not possible because of uneven weed germination or differential germination of weeds and crop, consult your local weed specialist or provincial weed control recommendations for the best alternative method of weed control.
- Under stressed conditions and/or heavy crop canopy, an earlier application will result in improved grassy weed control.
- If another pesticide has already been applied, wait 7 days before applying TRIUMPH PLUS. After applying TRIUMPH PLUS, a 4-day interval is required before another pesticide can be applied.
- Do not apply TRIUMPH PLUS tank mix on a given field more than once per year.
- Do not apply TRIUMPH PLUS tank mix to spring wheat within 80 days of harvest.

Cautions:

- Do not apply if rain is expected within 2 hours of spraying.

- Do not apply to a crop that is stressed by severe weather conditions, frost, low fertility, drought, water-saturated soil, disease or insect damage, as crop injury may result.
- During periods of stress, plants are not actively growing; an application of TRIUMPH PLUS may result in reduced weed control and/or crop injury.
- Some broadleaf weeds may not be controlled if infestation is heavy, weeds are in bud, or weather is dry and cool.

Section 8: Tank Mixes

Lontrel®

For Perennial Broadleaf Weeds (Canada Thistle) in Spring Wheat (except Durum) only:

Mix TRIUMPH PLUS tank mix with Lontrel 360 Herbicide (360 g/L) for season long control of Canada Thistle. Tank-mix Lontrel 360 Herbicide (360 g/L) at 0.21 litre per hectare. One 4.45 litre container of Lontrel 360 Herbicide will treat 21.2 hectares. Consult the Lontrel 360 Herbicide label for further information on application restrictions and recropping. Apply to Canada Thistle up to 15 cm in height.

Section 9: Application Instructions and Cautions

Method of Application:

- Application should be made in a minimum of 55-110 litres of water per hectare at a pressure of 275 kPa, or 310 kPa if using check valves and at a ground speed of 6-8 kph.
- 80° or 110° flat fan nozzles are recommended for best spray coverage. Use 50-mesh or larger filter screens (metal or nylon).
- Do not use flood jet nozzles, controlled droplet application equipment or Sprafoil® equipment.
- DO NOT APPLY BY AIRCRAFT.
- UNIFORM, THOROUGH COVERAGE IS IMPORTANT TO OBTAIN GOOD CONTROL. **Higher water volumes should be used under dense crop and weed canopies to ensure thorough coverage of the target weeds.** Application of the spray at a forward angle of 45° and the higher water volumes will result in better penetration of the canopy and better coverage.

Caution: Apply uniformly and avoid overlapping. Shut off spray boom while starting, turning, slowing or stopping to prevent crop injury from over-application.

Section 10: Mixing Instructions

1. Ensure that the spray tank, lines and filter are thoroughly clean.
2. Fill the tank half full with clean water and start agitation or bypass system.
3. Mix PLUS (container #1) in water by slowly adding the correct amount of PLUS (container #1) to 20 L of water then add to spray tank. Agitate thoroughly until PLUS is completely in suspension.
4. Slowly add the correct amount of Lontrel 360 Herbicide, if being used.
5. Add the TRIUMPH FM (container #2) and continue agitation.
6. Triple rinse the emptied containers into the spray tank.
7. Add the remaining amount of water while agitation continues. Spray out immediately. Spray mixture should NOT be left in the tank overnight.
8. Thoroughly clean nozzles, screens and spray tank before using any other pesticide. Other crops, especially broadleaf crops, can be damaged by TRIUMPH PLUS tank mix residues.

Note: DO NOT USE A SURFACTANT WITH THIS TANK MIX. DO NOT TANK MIX WITH ANY OTHER CHEMICAL ADDITIVES, PESTICIDES, OR FERTILIZERS.

Section 11: Sprayer Cleanup

Cleanup Before & After You Spray:

Prior to using TRIUMPH PLUS tank mix, complete a thorough cleaning of the spray tank, lines and filter. Spray equipment should be triple rinsed using a strong detergent solution. A scrubbing of the tank is highly recommended.

Do not drain or flush equipment on or near desirable vegetation. To avoid subsequent injury to other crops, immediately after spraying and prior to spraying other crops, thoroughly remove all traces of TRIUMPH PLUS tank mix from mixing and spray equipment as follows:

WHEN MOVING INTO DURUM WHEAT, BARLEY, RYE OR FLAX: When moving into Durum Wheat, Barley, Spring or Fall Rye, or Flax immediately following the application of TRIUMPH PLUS tank mix, clean the sprayer by thoroughly flushing with a water/detergent mixture or cleaning agent.

WHEN MOVING INTO BROADLEAF CROPS: IN ALL CASES, prior to spraying a broadleaf crop (such as canola, peas, lentils, alfalfa and other forage legumes, sugarbeets, vegetables, etc.) complete a thorough cleaning of the tank, because the PLUS component of the TRIUMPH PLUS tank mix can cause crop injury to sensitive crops at very low concentrations. Follow the cleanup instructions below to ensure adequate sprayer cleaning and removal of the TRIUMPH PLUS tank mix.

NOTE: Broadleaf crops can be damaged by TRIUMPH PLUS tank mix residues in the spray tank even after a number of applications of a different product. It is critical to thoroughly clean and remove all traces of TRIUMPH PLUS tank mix from the spray tank prior to moving into a broadleaf crop.

CLEANUP INSTRUCTIONS PRIOR TO SPRAYING BROADLEAF CROPS: The cleaning agent referred to may be either household ammonia (minimum 3% ammonia) or an ammonia-based cleaning agent containing at least 3% ammonia.

1. Remove nozzles and screens and clean separately in a bucket containing water and cleaning agent.
2. Drain tank then flush tank, boom, and hoses with clean water for at least 10 minutes. Inspect tank to ensure all visible residues have been removed. If necessary, repeat this step. DO NOT CLEAN SPRAYER NEAR WELL OR WATER SOURCE OR NEAR DESIRABLE VEGETATION.

If the sprayer tank is equipped with rotary washing nozzles or has an agitation system sufficient to wet all parts of the spray tank, go to step 6.

3. Fill the tank with clean water while adding 1 litre cleaning agent per 100 litres water. Flush solution through boom and hoses and then add enough water to fill the tank. Allow to stand for 15 minutes with agitation. Flush booms and hoses again, and drain tank.
4. Repeat step 3.
5. Go to and complete step 9.
6. If the sprayer tank is equipped with rotary nozzles or has an agitation system sufficient to wet all parts of the spray tank, use the following procedure. Fill tank approximately one-quarter full with water, and add 1 litre of cleaning agent for each 100 litres of water.
7. Operate the rotary nozzles or agitation system at least 15 minutes, ensuring ALL inside surfaces of the tank are covered by the water/cleaning agent mixture. After about 5 minutes of agitation, flush the solution through the hoses and boom for about 2 minutes. Drain tank.
8. Repeat step 6 & 7.
9. Thoroughly rinse the tank, hoses and boom with clean water for at least 5 minutes.

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, throat and lung irritation.

Section 12: Herbicide Resistance Management:

For resistance management, the TRIUMPH FM and PLUS components of TRIUMPH PLUS tank mix are Group 1 and 2 herbicides, respectively. Any weed population may contain or develop plants naturally resistant to the components of TRIUMPH PLUS tank mix and other Group 1 and 2 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 TRIUMPH PLUS tank mix or other Group 1 and 2 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 Bayer CropScience representative, or call Bayer CropScience Inc. toll-free at 1-888-283-6847.

Section 13: Livestock Feeding and Pre-Harvest Periods

- Do not graze the treated Spring Wheat crop or cut for hay; sufficient data are not available to support such use.
- Do not apply TRIUMPH PLUS tank mix to Spring Wheat within 80 days of harvest.

Section 14: Notices

NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offense under the *Pest Control Products Act* to use a control product under unsafe conditions.

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FOR MORE INFORMATION CONTACT:

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