

05-NOV-2002

((LABEL))

Dow AgroSciences™

Prevail* A

Herbicide

- * This Component must be used in the Prevail Herbicide Tank Mix.
- * For use only in the prairie provinces and Peace River region of British Columbia

AGRICULTURAL

READ THE LABEL AND BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

GUARANTEE:
Tralkoxydim 80%

REGISTRATION NO. 24652
PEST CONTROL PRODUCTS ACT

CAUTION POISON

WARNING: SKIN AND EYE IRRITANT

OPERATOR USE PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. May cause skin and eye irritation. Do not get on skin or eyes. Do not wear contact lenses when using chemicals. Do not smoke, eat or drink while using this product. Wear chemical-resistant gloves (nitrile, PVC or neoprene), safety goggles, boots and coveralls when mixing, loading and during clean-up or when adjusting or repairing sprayers. Wash gloves thoroughly with water before removing them during any operation. Wash hands thoroughly with soap and water after using the product and before eating, drinking or smoking. Do not contaminate food, water supplies or animal feed. Keep any unused product in resealed original container locked up away from reach of children and animals and away from food, feed or fertilizers.

Dow AgroSciences Canada Inc.
Suite 201, 1144-29 Avenue N.E.
Calgary, Alberta
T2E 7P1
1-800-667-3852

*Trademark of Dow AgroSciences LLC
Dow AgroSciences Canada Inc. Is a licenced user.

Herbicide

NET CONTENTS: 2 kg

FIRST AID

If swallowed: Do not induce vomiting. Call a physician or poison control centre immediately.

If in eyes: Flush immediately with a large volume of clean, clear water for 10 to 15 minutes. Get medical attention if irritation persists.

If on skin: Wash with soap and water. Get medical attention if irritation persists.

TOXICOLOGICAL INFORMATION

Treat symptomatically for ingestion and/or skin and eye contact. Symptoms are likely to be those of CNS depression. Avoid respiratory depressants unless otherwise indicated.

AGRICULTURAL CHEMICAL

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

ENVIRONMENTAL HAZARDS

Do not apply within 15 m of fish-bearing waters and wildlife habitat. Avoid drift onto other crops and non-target areas.

STORAGE

1. Store in a cool, dry place away from children, animals, food, feed and fertilizers.
2. Keep packages dry at all times. Keep packages out of rain. Product is not affected by freezing.

SPILL CLEAN-UP

Follow safety precautions as directed for handling the product. Sweep spilled product with a

broom and shovel into tightly closable container. If on a floor or hard surface, wash the surface or floor with detergent and water and then rinse. If on soil, collect the surface soil contaminated with the product. If the product is clean, it may be used; otherwise, follow the Disposal instructions.

DISPOSAL

1. Rinse the emptied container once thoroughly and add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions 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 the disposal of unused, unwanted product and the cleanup of spills, contact the provincial regulatory agency or the manufacturer.

NOTICE TO USER: This control product is to be used in accordance with the directions on this label. It is an offence 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.

((BOOKLET))

Dow AgroSciences™

Prevail*

Herbicide Tank-Mix

* Prevail Herbicide Tank Mix is a single pass liquid post emergence herbicide tank mix for use in wheat and barley to control wild oats, green foxtail, Canada Thistle, sow thistle, other grass and broadleaved weeds. **The contents of this carton will treat 8 hectares.**

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

AGRICULTURAL

READ THE LABELS AND ENCLOSED BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

This co-package contains:

Prevail A Herbicide

GUARANTEE: Tralkoxydim 80%
REGISTRATION NO. 24652
PEST CONTROL PRODUCTS ACT

Prevail B Herbicide

GUARANTEE: Clopyralid 50 g a.e./L
(present as acid)
MCPA 280 g a.e./L
(present as 2-Ethylhexyl ester)
REGISTRATION NO. 23526
PEST CONTROL PRODUCTS ACT

Prevail C Adjuvant

GUARANTEE: Mineral Oil 50.0%
Surfactant Blend 39.5%
REGISTRATION NO. 23527
PEST CONTROL PRODUCTS ACT

CAUTION

POISON

WARNING: SKIN AND EYE IRRITANT

NET CONTENTS:

Prevail A Herbicide - 2 kg
Prevail B Herbicide - 2 x 8 L
Prevail C Adjuvant - 4 L

DowAgroSciences Canada Inc.

Suite 201, 1144-29 Avenue N.E.
Calgary, Alberta
T2E 7P1
1-800-667-3852

*Trademark of DowAgroSciences LLC

PRECAUTIONS

**HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN.
WARNING: EYE AND SKIN IRRITANT. KEEP OUT OF REACH OF CHILDREN**

Keep product away from fire, open flame, lighted electric bulbs and other sources of heat. Do not allow water to be introduced to contents of the Prevail C Adjuvant container.

Do not take internally. Handle with care and mix only in a closed container. Use only in a well ventilated area.

Do not wear contact lenses when using chemicals. Avoid inhalation of vapour or spray mist and contact with eyes, skin or clothing. Do not smoke, eat, or drink while using this product. Wash thoroughly with soap and water after handling and before eating, drinking or smoking or going to the washroom. Take a shower immediately after work.

During spraying or application, wear protective equipment and clothing, including hat, long sleeved shirt, trousers and rubber boots. Wear goggles or face shield and chemically resistant gloves (rubber, PVC, neoprene or nitrile) and apron during mixing, loading, repair, adjusting sprayer and cleanup or when handling the concentrates. Wash gloves thoroughly with water before removing them during any operation. If clothing becomes contaminated, remove immediately and wash. Store and wash all protective clothing separately from household laundry. Wash in detergent and hot water before reuse. Wear freshly laundered clothes daily.

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: Give water or milk. Do not induce vomiting; call a physician or Poison Control Centre immediately.

If in eyes: Flush eyes immediately with clean flowing water for at least 15 minutes. Contact a physician. If you get any dust or granule in your eyes or if spray dilution contacts eyes, flush immediately with a large volume of clean clear water for 10-15 minutes. If irritation persists, get medical attention.

If inhaled: Remove person to fresh air. If breathing is difficult, give oxygen. Consult a physician or contact a poison control centre immediately.

If on skin: Wash with soap and water. Remove contaminated clothing and wash separate from

household laundry before reuse. Consult a physician if irritation develops.

TOXICOLOGICAL INFORMATION:

DANGER: This tank-mix contains petroleum distillates; therefore if swallowed, DO NOT cause vomiting. If patient is unconscious, give air. Obtain medical attention immediately.

Treat symptomatically for ingestion and/or skin and eye contact. Symptoms are likely to include those of CNS depression. Avoid respiratory depressants unless otherwise indicated.

Prevail C Adjuvant and Prevail B Herbicide contain petroleum distillates. The decision of whether to induce vomiting or not should be made by the attending physician. If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration of petroleum based solvents must be weighed against toxicity when considering emptying the stomach. No specific antidote. Employ Supportive care. Treatment should be based on judgement of the physician in response to reactions of the patient.

For further information consult the Material Safety Data Sheet.

AGRICULTURAL CHEMICAL

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

ENVIRONMENTAL HAZARDS

Do not apply where run-off or erosion is likely to occur. Do not apply within 15 m of fish-bearing waters and wildlife habitat. Avoid drift onto other crops and non-target areas. Do not contaminate domestic or irrigation water, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes. Do not use Prevail Herbicide Tank Mix in the following areas; standing or flowing water; the inner banks or bottoms of irrigation ditches; in areas where surface water can run off to adjacent croplands either planted or to be planted to sensitive crops.

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 water or cleaning equipment.

STORAGE

Do not contaminate food, water supplies or animal feed. Keep any unused product in resealed original container locked up away from reach of children and animals and away from heat, food, feed, or fertilizers. If any component is frozen, bring to room temperature and agitate. Store in cool dry place. Keep packages out of the rain and dry at all times.

DISPOSAL

This 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 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 the 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.

GENERAL INFORMATION:

CROPS

SPRING WHEAT (including hard red spring, Canada prairie spring, soft white spring and utility); DURUM WHEAT and BARLEY: [all 2 or 6 row varieties (malting and general purpose varieties including semidwarf and hulless)]. **Do not use this tank-mix in tame oat crops. Avoid drift onto tame oats.**

TIMING OF APPLICATION: Apply Prevail Herbicide Tank Mix between the 3 leaf expanded to before flag leaf stage of the crop. **DO NOT** apply after the 6-leaf stage of barley and wheat.

WEEDS CONTROLLED:

Canada thistle+	redroot pigweed
wild oats	dandelion++
green foxtail	scentsless chamomile
(wild millet)	(2-4 leaf)
Persian dandelion	wild mustard
flixweed++	shepherd's purse++
kochia (suppression)	smartweed
(2-4 leaf)	stinkweed++
lamb's quarters	tartary buckwheat
annual sow thistle	wild buckwheat
perennial sow thistle	volunteer rapeseed
(top growth)	
common groundsel	
Russian pigweed	
+ season-long control; with some re-growth in the fall.	
++ spring rosettes only.	

Weed	Stage of Weed	Control
Wild Oats	Apply at the 1-6 leaf stage (total leaves should include tillers - Zadoks or BBCH growth stage of 11,20 to 14,22).	Wild oats will be controlled up to the emergence of third tiller. Grassy weeds will cease growth soon after the application, complete die-back could take up to 2 weeks.
Green Foxtail	Apply at the 1-5 leaf stage (total leaves including the tillers - Zadoks or BBCH growth of 11,20 to 14,21).	Green foxtail is controlled up to the emergence of the second tiller.
Canada Thistle	Apply between 10 and 15 cm in height and up to but not including the early bud stage.	Season-long control. Some weed re-growth may occur in the fall.
Other Broadleaf Weeds	Apply at the 1-4 leaf stage.	Most effective when applied to young, actively growing plants.

NOTE: Crops will show maximum weed control and yield increase under conditions of strong competition. Early treatments will promote stronger crop competition than later treatments. For best results, apply Prevail Herbicide Tank Mix when both the crop and weeds are growing vigorously.

Although susceptible grassy weeds treated with Prevail Herbicide Tank Mix cease growth soon after application, complete die-back of the weeds could take up to 2 weeks.

GENERAL USE PRECAUTIONS

Do not use these products in a manner inconsistent with the label. All components of the Prevail Herbicide Tank Mix must be applied together according to label directions or a reduction in weed control will occur.

Allow a minimum 7-day interval between the application of any other pesticide and the application of any other pesticide and the application of Prevail Herbicide Tank mix. Always apply Prevail Herbicide Tank mix first, then wait 7 days before adding other herbicides. Failure to observe this interval may result in poor weed control. A longer waiting interval may be required if any sign of crop stress is evident.

DO NOT apply to wheat or barley which has been undersown with forages or other companion crops.

Cereal crops which are exposed to temperatures below 5°C up to 48 hours before or after

application of Prevail Herbicide Tank Mix may incur unacceptable crop injury. Unacceptable crop injury could also occur when Prevail Herbicide Tank Mix is applied to crops under stress due to foliar diseases or lack of fertility.

DO NOT apply Prevail Herbicide Tank Mix if the crop is under extreme drought stress or is showing effects of excessive moisture (poor drainage). When grasses are stressed due to drought, heat, lack of fertility, flooding or prolonged cool temperatures, control can be reduced or delayed since the grasses are not actively growing. Grass escapes or re-tillering may occur when application is made under prolonged stress conditions. Optimum weed control will be obtained if application of Prevail Herbicide Tank Mix is delayed until the stress conditions have ended and weeds are once again actively growing.

When weeds are stressed due to drought, flooding or prolonged hot or cool temperatures (15°C or less), control can be reduced or delayed since weeds are not actively growing. Weed escapes may occur under prolonged stress conditions or low fertility. Do not make applications to weeds stressed longer than 20 days due to lack of moisture as unsatisfactory control can result.

DO NOT make more than 1 application of Prevail herbicide Tank Mix per growing season.

DO NOT spray if rain is forecast within 6 hours.

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/.

Spray Drift

Do not apply Prevail Herbicide Tank Mix directly to, or otherwise permit it to come into contact with sunflowers, legumes, fruit or vegetable crops, flowers or other desirable broadleaved plants and take precautions to avoid spray mists drifting onto them. DO NOT spray in winds over 16 kilometers per hour. DO NOT let spray drift into adjacent fields.

Crop Rotation

Fields previously treated with Prevail Herbicide Tank Mix can be seeded to wheat, barley, oats, rye (not under-seeded to forage legumes, clover or alfalfa), canola, corn, field peas, flax, forage grasses, mustard, sugar beets or can be summer-fallowed. Seed only those crops listed above in the year following treatment. Do not seed to field peas for at least 10 months following treatment.

PRE-HARVEST/GRAZING INTERVALS

Do not harvest grain until 60 days after treatment with Prevail Herbicide Tank Mix. DO NOT graze or cut for feed immature crops treated with Prevail Herbicide Tank Mix. Straw from treated fields may not be fed to livestock. There are insufficient data to support such use.

DIRECTIONS FOR USE

Dilution and Application Rates

A uniform spray containing 0.25 kg/ha of Prevail A Herbicide plus 2.0 L/ha of Prevail B Herbicide plus 0.5 L of Prevail C Adjuvant in 100 L/ha of water which thoroughly covers the weeds must be used. (The contents of this co-package; 2 kg of Prevail A Herbicide plus 16 L of Prevail B Herbicide plus 4 L of Prevail C Adjuvant diluted in 800 L of spray solution treats 8 ha).

MIXING

1. Only use sprayers in good running conditions with high agitation. Ensure the sprayer is cleaned according to instructions on the label of the product used prior to Prevail Herbicide Tank Mix. Use only clean water for the spray solution. Ensure that all in-line strainer and nozzle screens in the sprayer are 50 mesh or coarser. Screens of 80 mesh size or finer should not be used.
2. Begin to fill sprayer tank or premix tank with clean water, and engage agitator. **Agitation must be continued throughout the entire mixing and spraying procedure.**
3. When the sprayer or premix tank is 3/4 full of water, add Prevail A Herbicide **slowly**. Do not enlarge the opening of the Prevail A Herbicide box. Remove the straining screen from filler opening of spray tank before adding Prevail A Herbicide. (**Note:** Prevail A Herbicide must be added directly into the sprayer through the tank opening and not through injector or hopper systems, for sprayers so equipped). For shallow spray tanks where the water depth is 60 cm or less, add Prevail A Herbicide towards agitator unit and away from outlet in the bottom of the tank to enhance dispersion. **If more than 1 carton of Prevail Herbicide Tank Mix is to be used, add the Prevail A Herbicide from all the cartons prior to adding the Prevail B Herbicide or Prevail C Adjuvant.**
4. Wait at least one minute after the last of the Prevail A Herbicide has been added to the tank to allow for complete dispersion of the granules. A longer agitation period may be required to disperse Prevail A Herbicide when using cold water from sources such as deep drill wells.
5. Add both containers of Prevail B Herbicide to the tank. Add all containers of Prevail B Herbicide if using more than 1 carton.
6. Add Prevail C Adjuvant, and then continue to fill tank to desired level with water. Add all containers of Prevail C Adjuvant if using more than 1 carton.

SPRAYING INSTRUCTIONS

1. **DO NOT APPLY BY AIR.** Use ground equipment only.

2. Apply in a spray volume of 100 L/ha at a pressure of 275 kPa to ensure proper dispersion, spraying characteristics and performance of Prevail Herbicide Tank Mix. Do not apply Prevail Herbicide Tank Mix through sprayers only equipped to apply less than 100 L/ha spray solution (for example: SPRAFOIL¹ or SPRAY-AIR² sprayers) since mixing problems and/or unacceptable crop injury could occur.
3. Flat fan spray tips of 80° or 110° are recommended for optimum coverage. Do not use floodjet nozzles or controlled droplet application equipment. Nozzles may be angled forward 45° to enhance penetration of the crop and provide better coverage. Ensure that all inline strainer and nozzle screens in the sprayer are 50 mesh or coarser. Screens of 80 mesh size or finer should not be used.
4. Always ensure that agitation is continued until spraying is completed, even if stopped for brief periods of time. **If the agitation is stopped for more than 5 minutes, re-suspend the spray solution by running on full agitation prior to spraying.** Prevail Herbicide Tank Mix must be sprayed within the same day of mixing.
5. When spraying is completed and prior to using other products, ensure the sprayer tank is thoroughly rinsed with clean water to remove any remaining Prevail Herbicide Tank Mix residues. Using a pressure washer and the addition of a detergent or AGRAL³ 90 to the rinse water will enhance removal of residues.

NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offence 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 on that condition.

¹SPRAFOIL is a trademark of D & W Industries.

²SPRAY-AIR is a trademark of SPRAY-AIR Canada Inc.

³AGRAL is a trademark of a Syngenta Group co.

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.

+))