Assert® FL Herbicide Tank Mix

- Frontline® A Suspension Concentrate Herbicide (PCP No 27029)
- Frontline® B Emulsifiable Concentrate Herbicide (PCP No 27030)
- Assert® 300 SC Herbicide (PCP No 21032)
- Assert® pH Adjuster
Frontline* A
Suspension Concentrate Herbicide

GROUP 2 HERBICIDE

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

This component must only be used in the Frontline Herbicide Tank-Mix.

AGRICULTURAL

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

GUARANTEE: florasulam 50 g/L
Contains 1,2-benzisothiazoline-3-one at 0.02% as a preservative

REGISTRATION NO. 27029 PEST CONTROL PRODUCTS ACT

CAUTION POISON

MAY CAUSE SLIGHT EYE IRRITATION

NET CONTENTS: 0.8 L, 1.6 L

Dow AgroSciences Canada Inc.
Suite 2100, 450 - 1 Street S.W.
Calgary, Alberta
T2P 5H1
1-800-667-3852

*Trademark of Dow AgroSciences LLC
PRECAUTIONS
MAY CAUSE SLIGHT EYE IRRITATION
KEEP OUT OF REACH OF CHILDREN
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., visit CropLife Canada's web site at www.croplife.ca.

At all times: Wear coveralls over clean clothing with full length sleeves and pants.
During mixing and loading, and clean-up and repair: Wear chemical-resistant gloves. Rinse gloves before removal. Use safety glasses.
At completion of spraying or end of the day: Take a shower immediately. Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing at the end of the work session and store and wash separately from household laundry using detergents and hot water before reuse.

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
No specific antidote. Employ supportive care. Treatment should be based on the judgment of the physician in response to reactions of the patient.

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

ENVIRONMENTAL HAZARDS
Overspray or drift to sensitive habitats should be avoided. A buffer zone of 30 metres is required between the downwind edge of the boom and the closest edge of sensitive terrestrial habitats including forested areas, shelter belts, woodlots, hedgerows, and shrublands. A buffer zone of 5 metres is required between the downwind edge of the boom and the closest edge of sensitive aquatic habitats including sloughs, ponds, prairie potholes, lakes, rivers, streams, wetlands and wildlife habitats at the edge of these bodies of water. Do not contaminate these habitats when cleaning and rinsing spray equipment or containers.

Do not apply during periods of dead calm or when winds are gusty.

STORAGE
Store in original containers in a secure, dry heated storage. Frontline A will freeze at -10°C. If product is frozen, bring to room temperature and agitate before use. Do not allow contamination of seeds, plants, fertilizers or other pesticides. Do not contaminate food, feedstuffs or domestic water supplies. If containers are damaged or spill occurs, use the product immediately or contain the spill with absorbent materials and dispose of waste.
**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.

**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.

052609
Frontline* Herbicide Tank-Mix

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

Frontline Herbicide Tank-Mix is a selective herbicide tank-mix for postemergent control of annual broadleaved weeds including cleavers, wild buckwheat and chickweed in spring wheat (including durum), spring barley and oats.

AGRICULTURAL

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

This co-package contains:

Frontline A Suspension Concentrate Herbicide
REGISTRATION NO. 27029 PEST CONTROL PRODUCTS ACT
GUARANTEE: florasulam 50 g/L
Contains 1,2-benzisothiazoline-3-one at 0.02% as a preservative

Frontline B Emulsifiable Concentrate Herbicide
REGISTRATION NO. 27030 PEST CONTROL PRODUCTS ACT
GUARANTEE: MCPA, present as 2-ethyl hexyl ester 500 g a.e./L

WARNING POISON

HARMFUL IF SWALLOWED
MAY CAUSE EYE AND SKIN IRRITATION

NET CONTENTS: Frontline A 0.8 L, 1.6 L
Frontline B 5.6 L, 11.2 L

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PRECAUTIONS
KEEP OUT OF REACH OF CHILDREN
DO NOT APPLY BY AIR

Harmful if swallowed. May cause eye and skin irritation. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Destroy contaminated shoes and leather articles.

Do not use in residential areas, which are defined as sites where bystanders may be present during or after spraying, including homes, schools, parks, playgrounds, playing fields and public buildings.

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., visit CropLife Canada’s web site at www.croplife.ca.

PROTECTIVE CLOTHING AND EQUIPMENT
Applicators must wear a long-sleeved shirt, long pants, socks, shoes and chemical-resistant gloves. In addition, they must wear coveralls and chemical worker’s goggles during the mixing and handling of this product. Applicators using a closed cab are not required to wear chemical-resistant gloves.

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
No specific antidote. Employ supportive care. Treatment should be based on the judgment of the physician in response to reactions of the patient. This product contains a PETROLEUM DISTILLATE. Vomiting may cause aspiration pneumonia. The decision whether to induce vomiting or not should be made by the attending physician. If burn is present, treat as any thermal burn after decontamination. If swallowed, aspiration may cause chemical pneumonia. When considering emptying the stomach, the danger of chemical pneumonia must be weighed against toxicity. If lavage is performed, a cuffed endotrachael tube should be considered. High concentrations of MCPA may cause severe irritation to the eyes. Symptoms of overexposure to MCPA could include slurred speech, twitching, jerking and spasms, drooling, low blood pressure and unconsciousness.

AGRICULTURAL CHEMICAL
Do not ship or store with food, feeds, drugs or clothing.
ENVIRONMENTAL HAZARDS
This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. This product is also toxic to non-target terrestrial plants. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment. Overspray or drift to sensitive habitats should be avoided. Observe buffer zones specified under DIRECTIONS FOR USE.

Surface runoff
To reduce runoff from treated areas into aquatic habitats, consider the characteristics and conditions of the site before treatment. Site characteristics and conditions that may lead to runoff include, but are not limited to, heavy rainfall, moderate to steep slope, bare soil, poorly draining soil (e.g. soils that are compacted, fine-textured, or low in organic matter such as clay).

Avoid applying this product when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip (buffer zone) between the treated area and the edge of the water body.

Leaching
The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sand, loamy sand and sandy loam soils) and/or the depth to the water table is shallow.

STORAGE
Store in original containers in a secure, dry heated storage. If product is frozen, bring to room temperature and agitate before use. Do not allow contamination of seeds, plants, fertilizers or other pesticides. Do not contaminate food, feedstuffs or domestic water supplies. If containers are damaged or spill occurs, use the product immediately or contain the spill with absorbent materials and dispose of waste.

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.
GENERAL INFORMATION
Frontline Herbicide Tank-Mix is a selective postemergence herbicide tank-mix for the control of hard-to-kill annual broadleaved weeds such as chickweed and cleavers in spring wheat (including durum), spring barley (not underseeded with legumes) and oats. Frontline Herbicide Tank-Mix is mixed with water and applied as a uniform broadcast spray.

Frontline Herbicide Tank-Mix MUST be applied early postemergence, to the main flush of actively growing broadleaved weeds. Warm, moist growing conditions promote active weed growth and enhance the activity of Frontline Herbicide Tank-Mix 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.

Frontline Herbicide Tank-Mix stops growth of susceptible weeds rapidly. However, typical symptoms (discolouration) of dying weeds may not be noticeable for 1 to 2 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.

MODE OF ACTION
Frontline Herbicide Tank-Mix contains a Group 2 and 4 mode of action herbicide. Frontline A is a Group 2 mode of action herbicide that inhibits the production of the ALS enzyme in plants. This enzyme is essential for the production of certain amino acids required for plant growth. Frontline B is a Group 4 mode of action herbicide that disrupts normal plant growth regulation resulting in death of susceptible plants.

GENERAL USE PRECAUTIONS
• DO NOT APPLY BY AIR

Sensitive Plants
Do not apply Frontline Herbicide Tank-Mix directly to, or otherwise permit it to come in direct contact with susceptible crops or desirable plants including alfalfa, edible beans, canola, flowers and ornamentals, lentils, lettuce, peas, potatoes, radishes, soybeans, sugar beets, sunflowers, tomatoes or tobacco.

Non-Target Sites
Do not apply where proximity of susceptible crops or other desirable plants is likely to result in exposure to spray or spray drift. See Environmental Hazards section of the label.

Crop Rotation
Fields previously treated with Frontline Herbicide Tank-Mix can be seeded the following year to barley, canola, oats, peas, or wheat or fields can be summerfallowed.

This product has potential to leach. Do not apply excessive irrigation. Do not use in successive years at the same site.

Tank Mixtures
Do not apply this product with any other additive, pesticide or fertilizer except as specifically recommended on this label. When a tank mixture is used, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the product involved in the tank mixture.

Spray Equipment Precaution
Do not apply through any type of irrigation system.
Equipment Clean-Up
Equipment used to apply Frontline Herbicide Tank-Mix should not be used to apply other pesticides to sensitive crops without thorough cleaning. To avoid subsequent injury to crops other than cereals, all spraying equipment must be thoroughly cleaned both inside and out, as follows:

1. Immediately after spraying, drain. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
2. Rinse inside of tank with clean water and flush through booms and hoses using at least one tenth of the spray tank volume. Drain tank completely.
3. Add 1 L of household ammonia (containing a minimum of 3 % ammonia) per 100 L of water while filling the tank with clean water. Agitate and then briefly flush the boom and hoses with the cleaning solution. Top up with water making sure the tank is completely full and allow to stand for 15 minutes with agitation. Flush the boom and hoses and drain tank completely.
4. Remove nozzles and screens and clean separately with an ammonia solution (100 mL in 10 L water).
5. Rinse the tank with clean water and flush through the boom and hoses using at least one tenth of the spray tank volume. Drain tank completely.

Note: If it is not possible to drain the tank completely, step 3 must be repeated before going onto step 4.

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.

DIRECTIONS FOR USE
READ THE ENTIRE LABEL BEFORE USE. FAILURE TO FOLLOW LABEL INSTRUCTIONS MAY RESULT IN ERRATIC WEED CONTROL OR CROP DAMAGE. DO NOT APPLY TO CROPS UNDERSEEDED WITH LEGUMES.

Field sprayer application
DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) coarse classification. Boom height must be 60 cm or less above the crop or ground.

To Reduce Spray Drift:
- Use low pressures (200 to 275 kPa)
- Use 100 L/ha of spray solution
- Spray when the wind velocity is 15 km/hr or less
- Spot treatments should only be applied with a calibrated boom to prevent over-application

Preharvest/Grazing Restriction
- Do not permit any grazing within 7 days after application.
- Do not harvest forage or cut hay within 7 days after application.
- Withdraw meat animals from treated fields at least 3 days before slaughter.
- Do not harvest the treated crop within 60 days after application.

Restricted Entry Interval (REI)
- All crops – 12-hour REI

Crops
Spring wheat (including durum), spring barley and oats.
**Rates of Application**  
For control of a wide spectrum of broadleaved weeds, apply a uniform spray containing 100 mL of Frontline A and 0.7 L of Frontline B in a minimum of 100 L of water per hectare to thoroughly cover the weeds. Apply to actively growing wheat, barley, and oats from the 2 to 6 leaf stage. Apply when weeds are actively growing. Only weeds emerged at the time of treatment will be controlled. Best results are obtained from applications made to seedling weeds. A maximum of 1 application per year.

**Mixing Instructions**  
1. Fill sprayer tank 1/2 full of water  
2. Start sprayer tank agitation  
3. Add the required number of jugs of Frontline A  
4. Add the required number of jugs of Frontline B  
5. Complete filling the sprayer tank with sufficient water to spray 100 L of spray mixture per hectare  
6. Follow sprayer directions and precautions as outlined above, especially when applying next to sensitive crops (e.g. canola and legumes)  
7. Follow sprayer clean-up directions

Note: Do not add a surfactant to this tank mixture.

**Weeds Controlled or Suppressed**

**Weeds Controlled:**  
- buckwheat, wild
- burdock**
- canola, volunteer*  
- Chickweed, common
- cleavers
- flixweed (2-4 leaf stage)
- hempnettle***
- lamb's quarters
- mustard, ball
- mustard, wild
- pigweed, redroot***
- pigweed, Russian**
- ragweed, common
- shepherd's purse  
- smartweed
- stinkweed
- sunflower, annual**

**Weeds Suppressed:**  
- dandelion (seedlings and overwintered rosettes less than 15 cm)***
- plantain (top growth)
- sowthistle, perennial
- sowthistle, annual
- stork's bill***
- thistle, Canada***

*Including all herbicide-tolerant canola varieties  
**Up to the 4 leaf stage  
***Optimum control can be achieved with the addition of 140 mL MCPA LV500

**TANK-MIX COMBINATIONS WITH FRONTLINE HERBICIDE TANK-MIX**

**Crops Registered**
- spring wheat (including durum) and spring barley

**Do not apply these tank mixes to oats**

Tank mixtures of Frontline HerbicideTank-Mix with other herbicides will provide control of broadleaved weeds and specified annual grasses. Apply when crops and weeds are actively growing. Only weeds emerged at the time of treatment will be controlled. Best results are obtained from applications made to seedling weeds. Follow all precautions, minimum interval to harvest and directions for use on the Frontline Herbicide Tank-Mix and tank-mix partner labels.
Mixing Instructions
1. Fill sprayer tank 1/2 full of water.
2. Start sprayer tank agitation.
3. Add the required amount of Frontline Herbicide Tank-Mix and continue to agitate.
4. Add the required amount of tank-mix partner.
5. Fill the sprayer tank with sufficient water to spray 100 L of spray mixture per hectare.

Note: Add only the adjuvant recommended below. Follow tank-mix partner label for order of mixing.

Tank-Mix Combinations with Frontline Herbicide Tank-Mix

<table>
<thead>
<tr>
<th>Herbicide Tank-Mix Partner</th>
<th>Crops Registered</th>
<th>Rate (Product/ha)</th>
<th>Adjuvant and Rate</th>
<th>Additional Weeds Controlled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assert³ 300 SC Herbicide</td>
<td>wheat (spring &amp; durum), spring barley</td>
<td>1.6 L</td>
<td>Refer to the Assert 300 SC label</td>
<td>wild oat</td>
</tr>
<tr>
<td>Horizon² Herbicide Tank-Mix</td>
<td>wheat (spring &amp; durum)</td>
<td>230 mL</td>
<td>Score 0.8% v/v</td>
<td>wild oat</td>
</tr>
<tr>
<td></td>
<td></td>
<td>290 mL</td>
<td>Score 1.0% v/v</td>
<td>wild oat and green foxtail</td>
</tr>
<tr>
<td>Everest⁴ Solupak⁵ 70DF* Herbicide</td>
<td>wheat (spring &amp; durum)</td>
<td>43 g</td>
<td>Ag-Surf or Agral 90 0.25% v/v</td>
<td>Wild oat and green foxtail</td>
</tr>
</tbody>
</table>

*Wheat (including durum) exposed to water-logged or saturated soils, or temperature extremes such as heat or freezing weather, or drought, low fertility or plant disease at application time could show unacceptable injury symptoms. Weed control may also be reduced by these same conditions.

**BUFFER ZONES TO PROTECT SENSITIVE TERRESTRIAL AND AQUATIC HABITATS**

Use of the following spray methods or equipment DO NOT require a buffer zone: handheld or backpack sprayer and spot treatment.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Buffer Zone Table

<table>
<thead>
<tr>
<th>Method of Application</th>
<th>Crop</th>
<th>Buffer Zones (metres) Required for the Protection of:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Freshwater Habitat of Depths:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Less than 1 m</td>
</tr>
<tr>
<td>Field sprayer*</td>
<td>Cereals</td>
<td>5</td>
</tr>
</tbody>
</table>
For field sprayer application, buffer zones can be reduced with the use of drift-reducing spray shields. When using a spray boom fitted with a full shield (shroud, curtain) that extends to the crop canopy, the labelled buffer zone can be reduced by 70%. When using a spray boom where individual nozzles are fitted with cone-shaped shields that are no more than 30 cm above the crop canopy, the labelled buffer zone can be reduced by 30%.

When a tank mixture is used, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, Frontline Herbicide Tank-Mix is a Group 2 and Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to Frontline Herbicide Tank-Mix 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 use of Frontline Herbicide Tank-Mix or other Group 2 and 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 Dow AgroSciences Canada Inc. at 1-800-667-3852.

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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1Assert is a trademark of BASF Canada Inc.
2Horizon is a trademark of Syngenta Company
4Everest is a registered trademark of Bayer Corporation, used under licence by Bayer Inc.
5Solupak is a registered trademark of Bayer Inc.
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.
Frontline* B
Emulsifiable Concentrate
Herbicide

GROUP 4 HERBICIDE

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

This component must only be used in the Frontline Herbicide Tank-Mix

AGRICULTURAL

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

GUARANTEE: MCPA, present as 2-ethyl hexyl ester 500 g a.e./L

REGISTRATION NO. 27030 PEST CONTROL PRODUCTS ACT

WARNING
POISON

HARMFUL IF SWALLOWED
MAY CAUSE EYE AND SKIN IRRITATION

NET CONTENTS: 5.6 L, 11.2 L

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PRECAUTIONS
KEEP OUT OF REACH OF CHILDREN
DO NOT APPLY BY AIR
Harmful if swallowed. May cause eye and skin irritation. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Destroy contaminated shoes and leather articles.

Do not use in residential areas, which are defined as sites where bystanders may be present during or after spraying, including homes, schools, parks, playgrounds, playing fields and public buildings.

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., visit CropLife Canada’s web site at www.croplife.ca.

PROTECTIVE CLOTHING AND EQUIPMENT
Applicators must wear a long-sleeved shirt, long pants, socks, shoes and chemical-resistant gloves. In addition, they must wear coveralls and chemical worker’s goggles during the mixing and handling of this product. Applicators using a closed cab are not required to wear chemical-resistant gloves.

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
No specific antidote. Employ supportive care. Treatment should be based on the judgment of the physician in response to reactions of the patient. This product contains a PETROLEUM DISTILLATE. Vomiting may cause aspiration pneumonia. The decision whether to induce vomiting or not should be made by the attending physician. If burn is present, treat as any thermal burn after decontamination. If swallowed, aspiration may cause chemical pneumonia. When considering emptying the stomach, the danger of chemical pneumonia must be weighed against toxicity. If lavage is performed, a cuffed endotrachael tube should be considered. High concentrations of MCPA may cause severe irritation to the eyes. Symptoms of overexposure to MCPA could include slurred speech, twitching, jerking and spasms, drooling, low blood pressure and unconsciousness.

AGRICULTURAL CHEMICAL
Do not ship or store with food, feeds, drugs or clothing.
ENVIRONMENTAL HAZARDS
This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. This product is also toxic to non-target terrestrial plants. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment. Overspray or drift to sensitive habitats should be avoided. Observe buffer zones specified under DIRECTIONS FOR USE.

Surface runoff
To reduce runoff from treated areas into aquatic habitats, consider the characteristics and conditions of the site before treatment. Site characteristics and conditions that may lead to runoff include, but are not limited to, heavy rainfall, moderate to steep slope, bare soil, poorly draining soil (e.g. soils that are compacted, fine-textured, or low in organic matter such as clay).

Avoid applying this product when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip (buffer zone) between the treated area and the edge of the water body.

Leaching
The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sand, loamy sand and sandy loam soils) and/or the depth to the water table is shallow.

STORAGE
This product must be stored away from fertilizers, seeds, insecticides, fungicides or other herbicides intended for use on MCPA sensitive crops.

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.

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.
Frontline* Herbicide Tank-Mix

GROUP 2 HERBICIDE

GROUP 4 HERBICIDE

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

Frontline Herbicide Tank-Mix is a selective herbicide tank-mix for postemergent control of annual broadleaved weeds including cleavers, wild buckwheat and chickweed in spring wheat (including durum), spring barley and oats.

AGRICULTURAL

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

This co-package contains:

Frontline A Suspension Concentrate Herbicide
REGISTRATION NO. 27029 PEST CONTROL PRODUCTS ACT
GUARANTEE: florasulam 50 g/L
Contains 1,2-benzisothiazoline-3-one at 0.02% as a preservative

Frontline B Emulsifiable Concentrate Herbicide
REGISTRATION NO. 27030 PEST CONTROL PRODUCTS ACT
GUARANTEE: MCPA, present as 2-ethyl hexyl ester 500 g a.e./L

WARNING POISON

HARMFUL IF SWALLOWED
MAY CAUSE EYE AND SKIN IRRITATION

NET CONTENTS: Frontline A 0.8 L, 1.6 L
Frontline B 5.6 L, 11.2 L

Dow AgroSciences Canada Inc.
Suite 2100, 450 - 1 Street S.W.
Calgary, Alberta
T2P 5H1
1-800-667-3852

*Trademark of Dow AgroSciences LLC
PRECAUTIONS
KEEP OUT OF REACH OF CHILDREN
DO NOT APPLY BY AIR
Harmful if swallowed. May cause eye and skin irritation. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Destroy contaminated shoes and leather articles.

Do not use in residential areas, which are defined as sites where bystanders may be present during or after spraying, including homes, schools, parks, playgrounds, playing fields and public buildings.

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., visit CropLife Canada’s web site at www.croplife.ca.

PROTECTIVE CLOTHING AND EQUIPMENT
Applicators must wear a long-sleeved shirt, long pants, socks, shoes and chemical-resistant gloves. In addition, they must wear coveralls and chemical worker’s goggles during the mixing and handling of this product. Applicators using a closed cab are not required to wear chemical-resistant gloves.

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
No specific antidote. Employ supportive care. Treatment should be based on the judgment of the physician in response to reactions of the patient. This product contains a PETROLEUM DISTILLATE. Vomiting may cause aspiration pneumonia. The decision whether to induce vomiting or not should be made by the attending physician. If burn is present, treat as any thermal burn after decontamination. If swallowed, aspiration may cause chemical pneumonia. When considering emptying the stomach, the danger of chemical pneumonia must be weighed against toxicity. If lavage is performed, a cuffed endotrachael tube should be considered. High concentrations of MCPA may cause severe irritation to the eyes. Symptoms of overexposure to MCPA could include slurred speech, twitching, jerking and spasms, drooling, low blood pressure and unconsciousness.

AGRICULTURAL CHEMICAL
Do not ship or store with food, feeds, drugs or clothing.
ENVIRONMENTAL HAZARDS
This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. This product is also toxic to non-target terrestrial plants. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment. Overspray or drift to sensitive habitats should be avoided. Observe buffer zones specified under DIRECTIONS FOR USE.

Surface runoff
To reduce runoff from treated areas into aquatic habitats, consider the characteristics and conditions of the site before treatment. Site characteristics and conditions that may lead to runoff include, but are not limited to, heavy rainfall, moderate to steep slope, bare soil, poorly draining soil (e.g. soils that are compacted, fine-textured, or low in organic matter such as clay).

Avoid applying this product when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip (buffer zone) between the treated area and the edge of the water body.

Leaching
The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sand, loamy sand and sandy loam soils) and/or the depth to the water table is shallow.

STORAGE
Store in original containers in a secure, dry heated storage. If product is frozen, bring to room temperature and agitate before use. Do not allow contamination of seeds, plants, fertilizers or other pesticides. Do not contaminate food, feedstuffs or domestic water supplies. If containers are damaged or spill occurs, use the product immediately or contain the spill with absorbent materials and dispose of waste.

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.
GENERAL INFORMATION
Frontline Herbicide Tank-Mix is a selective postemergence herbicide tank-mix for the control of hard-to-kill annual broadleaved weeds such as chickweed and cleavers in spring wheat (including durum), spring barley (not underseeded with legumes) and oats. Frontline Herbicide Tank-Mix is mixed with water and applied as a uniform broadcast spray.

Frontline Herbicide Tank-Mix MUST be applied early postemergence, to the main flush of actively growing broadleaved weeds. Warm, moist growing conditions promote active weed growth and enhance the activity of Frontline Herbicide Tank-Mix 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.

Frontline Herbicide Tank-Mix stops growth of susceptible weeds rapidly. However, typical symptoms (discolouration) of dying weeds may not be noticeable for 1 to 2 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.

MODE OF ACTION
Frontline Herbicide Tank-Mix contains a Group 2 and 4 mode of action herbicide. Frontline A is a Group 2 mode of action herbicide that inhibits the production of the ALS enzyme in plants. This enzyme is essential for the production of certain amino acids required for plant growth. Frontline B is a Group 4 mode of action herbicide that disrupts normal plant growth regulation resulting in death of susceptible plants.

GENERAL USE PRECAUTIONS
• DO NOT APPLY BY AIR

Sensitive Plants
Do not apply Frontline Herbicide Tank-Mix directly to, or otherwise permit it to come in direct contact with susceptible crops or desirable plants including alfalfa, edible beans, canola, flowers and ornamentals, lentils, lettuce, peas, potatoes, radishes, soybeans, sugar beets, sunflowers, tomatoes or tobacco.

Non-Target Sites
Do not apply where proximity of susceptible crops or other desirable plants is likely to result in exposure to spray or spray drift. See Environmental Hazards section of the label.

Crop Rotation
Fields previously treated with Frontline Herbicide Tank-Mix can be seeded the following year to barley, canola, oats, peas, or wheat or fields can be summerfallowed.

This product has potential to leach. Do not apply excessive irrigation. Do not use in successive years at the same site.

Tank Mixtures
Do not apply this product with any other additive, pesticide or fertilizer except as specifically recommended on this label. When a tank mixture is used, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the product involved in the tank mixture.

Spray Equipment Precaution
Do not apply through any type of irrigation system.
Equipment Clean-Up

Equipment used to apply Frontline Herbicide Tank-Mix should not be used to apply other pesticides to sensitive crops without thorough cleaning. To avoid subsequent injury to crops other than cereals, all spraying equipment must be thoroughly cleaned both inside and out, as follows:

1. Immediately after spraying, drain. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.

2. Rinse inside of tank with clean water and flush through booms and hoses using at least one tenth of the spray tank volume. Drain tank completely.

3. Add 1 L of household ammonia (containing a minimum of 3 % ammonia) per 100 L of water while filling the tank with clean water. Agitate and then briefly flush the boom and hoses with the cleaning solution. Top up with water making sure the tank is completely full and allow to stand for 15 minutes with agitation. Flush the boom and hoses and drain tank completely.

4. Remove nozzles and screens and clean separately with an ammonia solution (100 mL in 10 L water).

5. Rinse the tank with clean water and flush through the boom and hoses using at least one tenth of the spray tank volume. Drain tank completely.

Note: If it is not possible to drain the tank completely, step 3 must be repeated before going onto step 4.

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.

DIRECTIONS FOR USE

READ THE ENTIRE LABEL BEFORE USE. FAILURE TO FOLLOW LABEL INSTRUCTIONS MAY RESULT IN ERRATIC WEED CONTROL OR CROP DAMAGE. DO NOT APPLY TO CROPS UNDERSEEDED WITH LEGUMES.

Field sprayer application

DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) coarse classification. Boom height must be 60 cm or less above the crop or ground.

To Reduce Spray Drift:
- Use low pressures (200 to 275 kPa)
- Use 100 L/ha of spray solution
- Spray when the wind velocity is 15 km/hr or less
- Spot treatments should only be applied with a calibrated boom to prevent over-application

Preharvest/Grazing Restriction

• Do not permit any grazing within 7 days after application.
• Do not harvest forage or cut hay within 7 days after application.
• Withdraw meat animals from treated fields at least 3 days before slaughter.
• Do not harvest the treated crop within 60 days after application.

Restricted Entry Interval (REI)

• All crops – 12-hour REI

Crops

Spring wheat (including durum), spring barley and oats.
Rates of Application
For control of a wide spectrum of broadleaved weeds, apply a uniform spray containing 100 mL of Frontline A and 0.7 L of Frontline B in a minimum of 100 L of water per hectare to thoroughly cover the weeds. Apply to actively growing wheat, barley, and oats from the 2 to 6 leaf stage. Apply when weeds are actively growing. Only weeds emerged at the time of treatment will be controlled. Best results are obtained from applications made to seedling weeds. A maximum of 1 application per year.

Mixing Instructions
1. Fill sprayer tank 1/2 full of water
2. Start sprayer tank agitation
3. Add the required number of jugs of Frontline A
4. Add the required number of jugs of Frontline B
5. Complete filling the sprayer tank with sufficient water to spray 100 L of spray mixture per hectare
6. Follow sprayer directions and precautions as outlined above, especially when applying next to sensitive crops (e.g. canola and legumes)
7. Follow sprayer clean-up directions

Note: Do not add a surfactant to this tank mixture.

Weeds Controlled or Suppressed
Weeds Controlled:
- buckwheat, wild
- burdock
- canola, volunteer
- Chickweed, common
- cleavers
- flixweed (2-4 leaf stage)
- hempnettle
- lamb's quarters
- mustard, ball
- mustard, wild
- pigweed, redroot
- pigweed, Russian

Weeds Suppressed:
- dandelion (seedlings and overwintered rosettes less than 15 cm)
- plantain (top growth)
- sowthistle, annual
- sowthistle, perennial
- stork's bill
- thistle, Canada

* Including all herbicide-tolerant canola varieties
** Up to the 4 leaf stage
*** Optimum control can be achieved with the addition of 140 mL MCPA LV500

TANK-MIX COMBINATIONS WITH FRONTLINE HERBICIDE TANK-MIX
Crops Registered
spring wheat (including durum) and spring barley

Do not apply these tank mixes to oats

Tank mixtures of Frontline HerbicideTank-Mix with other herbicides will provide control of broadleaved weeds and specified annual grasses. Apply when crops and weeds are actively growing. Only weeds emerged at the time of treatment will be controlled. Best results are obtained from applications made to seedling weeds. Follow all precautions, minimum interval to harvest and directions for use on the Frontline Herbicide Tank-Mix and tank-mix partner labels.
Mixing Instructions
1. Fill sprayer tank 1/2 full of water.
2. Start sprayer tank agitation.
3. Add the required amount of Frontline Herbicide Tank-Mix and continue to agitate.
4. Add the required amount of tank-mix partner.
5. Fill the sprayer tank with sufficient water to spray 100 L of spray mixture per hectare.
Note: Add only the adjuvant recommended below. Follow tank-mix partner label for order of mixing.

Tank-Mix Combinations with Frontline Herbicide Tank-Mix

<table>
<thead>
<tr>
<th>Herbicide Tank-Mix Partner</th>
<th>Crops Registered</th>
<th>Rate (Product/ha)</th>
<th>Adjuvant and Rate</th>
<th>Additional Weeds Controlled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assert^1 300 SC Herbicide</td>
<td>wheat (spring &amp; durum), spring barley</td>
<td>1.6 L</td>
<td>Refer to the Assert 300 SC label</td>
<td>wild oat</td>
</tr>
<tr>
<td>Horizon^2 Herbicide Tank-Mix</td>
<td>wheat (spring &amp; durum)</td>
<td>230 mL</td>
<td>Score 0.8% v/v</td>
<td>wild oat</td>
</tr>
<tr>
<td></td>
<td></td>
<td>290 mL</td>
<td>Score 1.0% v/v</td>
<td>wild oat and green foxtail</td>
</tr>
<tr>
<td>Everest^4 Solupak^5 70DF* Herbicide</td>
<td>Wheat (spring &amp; durum)</td>
<td>43 g</td>
<td>Ag-Surf or Agral 90 0.25% v/v</td>
<td>Wild oat and green foxtail</td>
</tr>
</tbody>
</table>

*Wheat (including durum) exposed to water-logged or saturated soils, or temperature extremes such as heat or freezing weather, or drought, low fertility or plant disease at application time could show unacceptable injury symptoms. Weed control may also be reduced by these same conditions.

BUFFER ZONES TO PROTECT SENSITIVE TERRESTRIAL AND AQUATIC HABITATS

Use of the following spray methods or equipment DO NOT require a buffer zone: handheld or backpack sprayer and spot treatment.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Buffer Zone Table

<table>
<thead>
<tr>
<th>Method of Application</th>
<th>Crop</th>
<th>Buffer Zones (metres) Required for the Protection of:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field sprayer*</td>
<td>Cereals</td>
<td>Buffer Zones of Depths:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Freshwater Habitat Less than 1 m Greater than 1 m Estuarine/Marine Habitat Less than 1 m Greater than 1 m Terrestrial Habitat</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 5 5 5 30</td>
</tr>
</tbody>
</table>
For field sprayer application, buffer zones can be reduced with the use of drift-reducing spray shields. When using a spray boom fitted with a full shield (shroud, curtain) that extends to the crop canopy, the labelled buffer zone can be reduced by 70%. When using a spray boom where individual nozzles are fitted with cone-shaped shields that are no more than 30 cm above the crop canopy, the labelled buffer zone can be reduced by 30%.

When a tank mixture is used, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

RESISTANCE MANAGEMENT RECOMMENDATIONS
For resistance management, Frontline Herbicide Tank-Mix is a Group 2 and Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to Frontline Herbicide Tank-Mix 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 use of Frontline Herbicide Tank-Mix or other Group 2 and 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 Dow AgroSciences Canada Inc. at 1-800-667-3852.

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.

*Attain and Prestige are registered trademarks of Dow AgroSciences LLC
1Assert is a trademark of BASF Canada Inc.
2Horizon is a trademark of Syngenta Company
4Everest is a registered trademark of Bayer Corporation, used under licence by Bayer Inc.
5Solupak is a registered trademark of Bayer Inc.
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.
Assert 300 SC

Herbicide

GROUP 2 HERBICIDE

SUSPENSION

FOR SALE FOR USE IN PRAIRIE PROVINCES, PEACE RIVER REGION AND OKANAGAN VALLEY & CRESTON FLATS AREAS OF BRITISH COLUMBIA ONLY

GUARANTEE:
imazamethabenz-methyl ... 300 g ester/L
(Contains 1,2-benzisothiazolin-3-one at 0.027% as a preservative)

READ THE LABEL AND BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

REGISTRATION NO. 21032
PEST CONTROL PRODUCTS ACT

CAUTION POISON

WARNING - EYE IRRITANT

Nufarm Agriculture Inc.
5507 1st Street SE
Calgary, Alberta T2H 1H9
1-800-868-5444

24 Hour Emergency Response Number
1-800-424-9300

Assert ® is a registered trademark of Nufarm Agriculture Inc.
PRECAUTIONS:
KEEP OUT OF REACH OF CHILDREN. MAY BE HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN. DO NOT CONTAMINATE FOOD OR FEED PRODUCTS. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING VAPOUR OR SPRAY MIST.

Causes eye irritation. May cause skin irritation. Use with adequate ventilation. Wear a long-sleeved shirt, long pants, shoes plus socks, and chemical-resistant gloves during mixing, loading, application, clean-up and repair. Chemical-resistant gloves are not required while operating groundboom sprayers. Wear dust and/or splash-proof goggles or face shield when handling. Wash thoroughly with soap and water after handling. Wash all protective clothing separately from normal laundry in detergent and hot water before reuse. Wash protective eye wear upon removal with soapy water. Apply only when the potential for drift to areas of human habitation or areas of human activity (house, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature, application equipment and sprayer settings.

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., visit CropLife Canada’s web site at: www.croplife.ca.

ENVIRONMENTAL HAZARDS:
Toxic to aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

Runoff
To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application of this product when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

Leaching
The use of this chemical may result in contamination of groundwater, particularly in areas where soil pH>7, are permeable (e.g. sandy soil) and/or the depth to the water table is shallow.

FIRST AID:
If swallowed: Call a poison control centre or doctor immediately for treatment advice. Have a 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 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.

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

**TOXICOLOGICAL INFORMATION:**
Treat symptomatically.

**STORAGE:**
Keep containers closed to avoid spills and contamination. DO NOT mix or store in unlined containers. DO NOT contaminate any body of water by cleaning of equipment or disposal of wastes. Store between 0° - 35° C. DO NOT freeze. Shake well before using.

**DISPOSAL:**
For 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. 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 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 Returnable-Refillable Containers:
For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

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.

**EMERGENCY TELEPHONE NUMBERS:**
For spills or transportation accidents, Chemtrex, 1-800-424-9300.
For health or environmental emergencies, Prosar, 1-877-325-1840.
For product and use information, Nufarm Agriculture Inc., 1-800-868-5444.
DIRECTIONS FOR USE:
Do not re-enter treated fields until 12 hours after application

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Field sprayer application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller that the American Society of Agricultural Engineers (ASAE) medium classification. Boom height must be 60 cm or less above the crop or ground.

Buffer Zones:
The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), sensitive aquatic habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, wetlands and estuarine/marine habitats).

<table>
<thead>
<tr>
<th>Method of Application</th>
<th>Crop</th>
<th>Buffer Zones (metres) Required for the Protection of:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Aquatic Habitat of Depths:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Less than 1 m</td>
</tr>
<tr>
<td>Field Sprayer</td>
<td>Sunflower</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Annual Ryegrass (for seed)</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Spring wheat, durum wheat and spring barley</td>
<td>1</td>
</tr>
</tbody>
</table>

When a tank mixture is used, consult the labels on the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

WARNINGS:
• DO NOT APPLY BY AIR. APPLY WITH GROUND EQUIPMENT ONLY.
• DO NOT make more than one application of ASSERT® 300 SC Herbicide per growing season.
• DO NOT apply ASSERT 300 SC Herbicide to the same field in two successive years.
• DO NOT spray ASSERT 300 SC Herbicide if rain is predicted within 6 hours.
• DO NOT spray ASSERT 300 SC Herbicide when freezing temperatures are forecast.
• DO NOT graze treated fields or cut treated forage for silage or hay; sufficient data are not available to support such use. (Barley, wheat grain or straw from fields treated with ASSERT 300 SC Herbicide can be fed to livestock.)
MIXING:
Fill the spray tank 3/4 full with clean water. Add 1 package of Spray Water pH Adjuster per jug of ASSERT 300 SC Herbicide to your tank water before adding ASSERT 300 SC Herbicide. Shake ASSERT 300 SC Herbicide well, then add required quantity of ASSERT 300 SC Herbicide while agitating. When ASSERT 300 SC Herbicide is thoroughly mixed fill remainder of tank with water while agitating. To ensure thorough mixing circulate the spray mixture in the tank for 5 minutes before spraying begins.

INSTRUCTIONS FOR TANK-MIXING:
(2,4-D Ester, MCPA Ester, ATTAIN®, CURTAIL® M, ESTAPROP® Plus, ESTAPROP XT, EXPRESS® PACK (EXPRESS + 2,4-D LV 700), PRESTIGE®, CORDON® or PUMA® 120 SUPER HERBICIDE, REFINE® EXTRA, REFINE SG, TURBOPROP®, DICHLORPROP-D, SPECTRUM®, FRONTLINE®, FRONTLINE XL, or TROPHY® or INFINITY®)

1. Fill tank one-half to three-quarters full with clean water and start agitating.
2. If mixing with EXPRESS PACK, REFINE SG, or REFINE EXTRA, add the EXPRESS PACK, REFINE SG, or REFINE EXTRA to tank water now and agitate, mixing thoroughly.
3. Add 1 package of Spray Water pH Adjuster per jug of ASSERT 300 SC Herbicide to your tank water and agitate until dissolved.
4. Add ASSERT 300 SC Herbicide first to the partially filled tank while agitating.
5. If using CORDON or PUMA 120 SUPER, or one of the following: MCPA Ester, 2,4-D Ester, ATTAIN, ESTAPROP Plus, ESTAPROP XT, TURBOPROP, Dichlorprop-D, CURTAIL M, PRESTIGE, SPECTRUM, FRONTLINE, FRONTLINE XL or TROPHY or INFINITY in the tankmix, add now when tank is three-quarters filled while agitating.
6. Fill tank and agitate, or, recycle for at least five minutes before spraying to ensure thorough mixing.

Continue agitation until spraying is completed.

MIXING NOTE: ASSERT 300 SC Herbicide and the dry flowable herbicides, REFINE EXTRA, REFINE SG, or EXPRESS PACK

When tank-mixing one of the above dry flowable herbicides with ASSERT 300 SC Herbicide, make sure the dry flowable is thoroughly dissolved in the water before adding ASSERT 300 SC Herbicide. On repeated tank-loads, if any tank-mix solution remains in the tank, prepare a dry flowable/water slurry and add it to the required water volume in the spray tank prior to adding ASSERT 300 SC Herbicide.

SPRAYER INFORMATION:
• Flat fan spray tips are recommended.
• Pressure at nozzle tips should be 275 kPa, lower pressures may result in poor control.
• Wash sprayer after spraying.
FOLLOW CROP RESTRICTIONS:
The year following application of ASSERT 300 SC Herbicide, plant only these crops:

**Brown and Dark Brown Soils:**
- Spring Wheat
- Barley
- Canola – imazethapyr tolerant canola varieties only
- Durum Wheat
- Sunflower

**Black and Grey Wooded Soils:**
- Spring Wheat
- Barley
- Flax
- Canola (all varieties)*
- Durum Wheat
- Sunflower
- Peas

*If there has been below average rainfall in the year of the Assert 300 SC treatment, and other imidazolinone herbicides (for example, Pursuit®, Odyssey®, Solo®, etc) or soil residual sulfonylurea herbicides (for example, Ally®) have been applied in the year preceding the Assert 300 SC application, plant only imazethapyr tolerant canola (for example CLEARFIELD® canola).

**Two years following application of ASSERT 300 SC Herbicide:**
- Spring wheat
- Barley
- Peas
- Oats
- Canola
- Durum wheat
- Sunflowers
- Flax
- Canary grass

A field bioassay (a test strip grown to maturity) the year before planting any crop should be conducted for any crop not listed above.

Lentils and sugarbeets have been observed to be particularly sensitive to ASSERT 300 SC Herbicide residues in the soil:

The additive effect of soil residues from the use of ASSERT 300 SC Herbicide and other soil residual herbicides on the same land has not been determined. Crop rotation guidelines and minimum rotation intervals are not known and injury to rotational crops other than wheat (excluding durum) may occur, particularly under conditions of below average rainfall. Wherever land will be treated with ASSERT 300 SC Herbicide and has been or will be treated with other imidazolinone herbicides (for example, Pursuit, Odyssey, Solo, etc) or soil residual sulfonylurea herbicides (for example, Ally) or Group 4 herbicides belonging to the pyridine carboxylic acid subgroup (for example, Curtail M, Prestige, etc.) plant only wheat (excluding durum) after both herbicides have been used until a bioassay demonstrates that other crops can be successfully grown. Consult the label of other imidazolinone herbicides (for example, Pursuit, Odyssey, Solo, etc) or soil residual sulfonylurea herbicides (for example, Ally) for additional information regarding bioassays.
DIRECTIONS FOR USE IN CEREALS:
PRAIRIE PROVINCES and PEACE RIVER REGION OF BRITISH COLUMBIA ONLY

ASSERT 300 SC Herbicide, a selective postemergence herbicide for use in cereals, is absorbed through the foliage and roots of wild oat plants and other susceptible weeds. Susceptible plants stop growing soon after spray application. Obvious signs of plant death may not be seen in some plants until 2 weeks later but the competitive effect of these plants will have been removed. Death may not occur for several weeks.

WILD OAT CONTROL:
ASSERT 300 SC Herbicide used alone and in combination should only be applied when the majority of WILD OAT plants are at the 1 – 4 leaf stage of growth.

BROADLEAF WEED CONTROL:
ASSERT 300 SC Herbicide used alone and applied at the cotyledon to six (6) leaf stage of weed growth will control:
- Wild mustard
- Stinkweed

ASSERT 300 SC Herbicide used alone and applied at the cotyledon to four (4) leaf stage of weed growth provides partial control of and reduces competition from:
- Wild buckwheat
- Tartary buckwheat
- Volunteer canola (EXCEPT imazethapyr tolerant varieties, i.e., varieties with the SMART® trait.)

CROPS:
ASSERT 300 SC Herbicide may be used either alone or in tank-mix combinations on:
- Spring wheat, durum wheat.
- Spring barley.

ASSERT 300 SC Herbicide may cause initial yellowing and temporary stunting on durum wheat but the crop will recover under normal growing conditions and yield will not be affected. Application can be made up to and including the 6-leaf stage of the crop (before the flag leaf).

RATES:
GROUND APPLICATION:
Spring wheat, durum wheat and spring barley
1 to 4 leaf stage of wild oats:
Apply 1.3 litres of ASSERT 300 SC Herbicide (400 g active) in 50 – 100 litres spray per hectare if majority of wild oats are in the 1-3 leaf stage. Use 1.6 litres of ASSERT 300 SC Herbicide (500 g active) if wild oats are in 4 leaf stage.
TANK-MIXES:
Spring wheat, durum wheat and spring barley
For fields which contain weeds other than those listed under ASSERT 300 SC Herbicide alone, tankmixing may be required to provide broad spectrum weed control. Use ONLY those broadleaf herbicides listed below. Tank mixes with chemical additives, pesticides or fertilizers not listed on this label may be physically incompatible, may cause unacceptable crop effects or may result in unacceptable weed or pest control. Contact Nufarm Agriculture Inc. at 1-800-868-5444 for more information.

In order to ensure optimum herbicide broadleaf weed control, follow the label recommendations of the herbicide to be used with ASSERT 300 SC Herbicide. Follow the most restrictive precautions, directions, and recropping/rotation limitations that appear on both product labels.

Select the proper ASSERT 300 SC Herbicide application rate given on this label.

<table>
<thead>
<tr>
<th>TANKMIX PARTNER</th>
<th>RATE</th>
<th>NOTES:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4-D ester or MCPA ester</td>
<td>up to 560 g active ingredient/ha</td>
<td>For use on spring wheat, durum wheat and barley. Apply only after the 4 leaf stage of the crop to avoid crop injury.</td>
</tr>
<tr>
<td>ATTAIN A + ATTAIN B</td>
<td>0.6 L/ha + 1.0 L/ha</td>
<td>For use on spring wheat (including durum) and barley only. Apply only after the 4 leaf stage of crop to avoid crop injury.</td>
</tr>
<tr>
<td>INFINITY</td>
<td>0.83 L/ha</td>
<td>For use on spring wheat, durum wheat and spring barley only. Apply from the 2 to 6 leaf stage of the crop.</td>
</tr>
<tr>
<td>CURTAIL M</td>
<td>2 L/ha</td>
<td>For use on spring wheat, durum wheat and spring barley only. Apply from the 4 to 6 leaf stage of the crop.</td>
</tr>
<tr>
<td>ESTAPROP XT</td>
<td>1.2 L/ha</td>
<td>For use on spring wheat, durum wheat, and spring barley only. Apply only after the 4 leaf stage of crop to avoid crop injury.</td>
</tr>
<tr>
<td>ESTAPROP PLUS</td>
<td>1.75 L/ha</td>
<td>For use on spring wheat, durum wheat, and spring barley only. Apply only after the 4 leaf stage of crop to avoid crop injury.</td>
</tr>
<tr>
<td>EXPRESS PACK: EXPRESS + 2,4-D LV 700</td>
<td>10 g/ha + 0.6 L/ha</td>
<td>For use on spring wheat, durum wheat, and spring barley only. Apply when crop is in the full 3-leaf stage.</td>
</tr>
<tr>
<td>PRESTIGE: PRESTIGE A + PRESTIGE B</td>
<td>0.8 L/ha + 2 L/ha</td>
<td>For use on spring wheat (including durum) and barley. Apply from the 3 to 6 leaf stage of the crop.</td>
</tr>
<tr>
<td>REFINE EXTRA</td>
<td>20 g/ha</td>
<td>For use on spring wheat, durum wheat and spring barley only. Apply from the 2 to 6 leaf stage of the crop. Use the spray preparation within 12 hours or product degradation may occur.</td>
</tr>
</tbody>
</table>
For use on spring wheat, durum wheat, and spring barley only. Apply from the 4 to 6 leaf stage of the crop. Use the spray preparation within 12 hours or product degradation may occur.

For use on spring wheat, durum wheat and spring barley only. Apply from 2 to 6 leaf stage of the crop.

For use on spring wheat, durum wheat and spring barley only. Apply from 4 to 6 leaf stage of the crop.

For use on spring wheat and durum wheat. Apply only after the 4 leaf stage of the crop to avoid crop injury.

For use on spring wheat, durum wheat and spring barley only. Apply only after the 4 leaf stage of the crop to avoid crop injury.

For use on spring wheat (including durum) and barley only. Apply from the 2 to 6 leaf stage of the crop.

For use on spring wheat (including durum) and barley only. Apply from the 2 to 6 leaf stage of the crop.

For use on spring wheat (including durum) and barley only. Apply from the 2 to 4 leaf stage of the crop.

For use on spring wheat (including durum) and barley only. Apply from the 2 to 4 leaf stage of the crop.

For the additional control of green foxtail, tank mix with CORDON or PUMA 120 SUPER HERBICIDE as shown in the table below. Apply at the 1 - 6 leaf stage of the weed and when weeds are actively growing.

Refer to the CORDON or PUMA 120 SUPER HERBICIDE label for additional recommendations, precautions and restrictions.
**TANKMIX PARTNER**

<table>
<thead>
<tr>
<th>CORDON or PUMA 120 SUPER HERBICIDE (120 g/L)</th>
<th>RATE</th>
<th>NOTES:</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.29 L/ha (35 g a.i./ha)</td>
<td></td>
<td>For use on spring wheat and durum wheat only. Application can be made from the 2-leaf stage up to and including the 6-leaf stage of the crop.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CORDON or PUMA 120 SUPER HERBICIDE (120 g/L)</th>
<th>RATE</th>
<th>NOTES:</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.29 L/ha (35 g a.i./ha)</td>
<td></td>
<td>For use on barley only. Application can be made from the 2-leaf stage up to and including the 6-leaf stage of the crop.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CORDON or PUMA 120 SUPER HERBICIDE + MCPA Ester</th>
<th>RATE</th>
<th>NOTES:</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.29 L/ha (35 g a.i./ha) + 420 g a.i./ha</td>
<td></td>
<td>For use on spring wheat, durum wheat and barley. Apply only after the 4-leaf stage of the crop to avoid crop injury, up to and including the 6-leaf stage of the crop.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CORDON or PUMA 120 SUPER HERBICIDE + REFINE EXTRA or REFINE SG</th>
<th>RATE</th>
<th>NOTES:</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.29 L/ha (35 g a.i./ha) + 15 g a.i./ha</td>
<td></td>
<td>For use on spring wheat, durum wheat and barley. Application can be made from the 2-leaf stage up to and including the 6-leaf stage of the crop. Use the spray preparation within 12 hours or product degradation may occur.</td>
</tr>
</tbody>
</table>

**RATE OF ASSERT 300 SC HERBICIDE FOR TANKMIXING WITH CORDON or PUMA 120 SUPER HERBICIDE:**

All soil zones: tankmix 1.3 L (400 g a.i.) ASSERT 300 SC Herbicide per hectare. Apply the tankmix combination at the rate of 100 litres spray per hectare.

**FOR USE IN THE OKANAGAN VALLEY AND CRESTON FLATS AREAS OF BRITISH COLUMBIA**

<table>
<thead>
<tr>
<th>CROP</th>
<th>PEST</th>
<th>RATE</th>
<th>DIRECTIONS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring wheat and barley</td>
<td>Wild oats</td>
<td>1.3 L/ha (400 g a.i./ha)</td>
<td>One application per year; post-emergent; ground application; apply when the majority of wild oat plants are in the 1-3 leaf stage; use 1.6 L/ha (500 g a.i./ha) when the wild oats are in the 4 leaf stage.</td>
</tr>
</tbody>
</table>

**DIRECTIONS FOR USE IN SUNFLOWERS:** *(PRAIRIE PROVINCES ONLY)*

ASSERT 300 SC Herbicide, a selective postemergence herbicide for use in sunflowers is absorbed through the foliage and roots of wild mustard and stinkweed plants. Susceptible plants stop growing soon after spray application. Obvious signs of plant death may not be seen in some plants until 2 weeks later but the competitive effect of these plants will have been removed. Death may not occur for several weeks.

**WILD MUSTARD AND STINKWEED CONTROL:**

Apply ASSERT 300 SC Herbicide alone at the cotyledon to 6 leaf stage of growth of wild mustard or stinkweed.

**CROP:**

ASSERT 300 SC Herbicide can be applied to sunflowers not under drought stress, from the 2 - 8 leaf stage of growth (sunflowers must be less than 38 cm high for regular varieties and less than 30 cm high for semi-dwarf varieties, and less than 10 cm for dwarf varieties).
Crop injury in the form of head deformation and stunting can occur from applications made after the 8 leaf stage.

**RATES:**
ASSERT 300 SC Herbicide should be applied at 0.85 litres of product (250 grams active) in 100 litres spray per hectare when the sunflowers are in the 2 - 8 leaf stage.

**DIRECTIONS FOR USE IN ANNUAL RYEGRASS GROWN FOR SEED:**
ASSERT 300 SC Herbicide can be applied to annual ryegrass grown for seed, from the 4 to 6 leaf stage of the crop.

**RATES:**
ASSERT 300 SC Herbicide should be applied at 1.3 to 1.6 L/ha (390 to 480 g a.i./ha) in 100 litres of spray solution per hectare. Only one application of ASSERT 300 SC Herbicide to annual ryegrass grown for seed is permitted per year.

Do not use the seed or hay for feed or forage.

**RESISTANCE-MANAGEMENT RECOMMENDATIONS:**
For resistance management, ASSERT 300 SC Herbicide is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to ASSERT 300 SC 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 use of ASSERT 300 SC Herbicide or other Group 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 Nufarm Agriculture Inc. at 1-800-868-5444 or at www.nufarm.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.

11-0572 A-August 8, 2012