2015-0586 2015-06-02

(Container)



PrePass™ A Herbicide

GROUP 2 HERBICIDE

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

This component must only be used in PrePass Herbicide.

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 Suspension concentrate

REGISTRATION NO. 27395 PEST CONTROL PRODUCTS ACT



MAY CAUSE SLIGHT EYE IRRITATION

NET CONTENTS: 1.6 L, 4 L, 8 L, 36 L

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

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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., refer to www.croplife.ca/.

At all times: Wear 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. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

If 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 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. 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

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.

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).

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.

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.

120412

(Booklet)



PrePass™ Herbicide

GROUP 2 9 HERBICIDES

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

PrePass Herbicide will control annual broadleaved weeds and grasses applied in the fall or spring prior to planting spring wheat (including durum), spring barley and oats, as an initial treatment in summerfallow, and for forage grasses grown for seed and forage.

AGRICULTURAL

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

This co-package contains:

PrePass A Herbicide
REGISTRATION NO. 27395 PEST CONTROL PRODUCTS ACT
GUARANTEE: Florasulam 50 g/L
Contains 1,2-benzisothiazoline-3-one at 0.02% as a preservative
Suspension concentrate

PrePass B Herbicide
REGISTRATION NO. 27394 PEST CONTROL PRODUCTS ACT
GUARANTEE: Glyphosate, 360 grams acid equivalent
per litre present as isopropylamine salt.

Solution







IRRITANT

MAY CAUSE EYE IRRITATION HARMFUL IF SWALLOWED

NET CONTENTS: PrePass A Herbicide 1.6 L, 4 L, 8 L, 36 L

PrePass B Herbicide 2 x 10 L, 115 L, 400 L, 450 L

Dow AgroSciences Canada Inc.

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

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PRECAUTIONS
MAY CAUSE EYE IRRITATION
HARMFUL IF SWALLOWED
Avoid contact with eyes or prolonged contact with skin.
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.

PHYSICAL OR CHEMICAL HAZARDS

Spray solutions of this product should be mixed, stored and applied only in stainless steel, aluminium, fibreglass, plastic and plastic-lined steel containers. DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

At all times: Wear 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 judgement of the physician in response to reactions of the patient. Treat symptomatically.

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. 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

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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.

GENERAL INFORMATION

PrePass Herbicide will control annual broadleaved weeds and grasses when applied in the fall or spring prior to planting spring wheat (including durum), spring barley and oats, or as an initial treatment in summerfallow. PrePass Herbicide is mixed with water and applied as a uniform broadcast spray.

PrePass Herbicide must be applied to emerged actively growing weeds. Warm, moist growing conditions promote active weed growth and enhance the activity of PrePass Herbicide by allowing maximum foliar uptake and contact activity. Weeds hardened off by cold weather or drought stress may not be adequately controlled or suppressed and re-growth may occur. For best results, ensure thorough spray coverage of target weeds.

PrePass Herbicide 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.

Delay application until weeds have emerged to the stages described (see Directions for Use section) to provide adequate leaf surface to receive the spray. Unemerged weeds or vegetation arising from underground rhizomes or root stocks of perennials will not be affected by the spray and will continue to grow. For this reason, best control of most perennial weeds is obtained when treatment is made at late growth stages approaching maturity.

Do not treat weeds under poor growing conditions such a drought stress, disease or insect damage, as reduced weed control may result. Reduced results may also occur when treating weeds heavily covered with dust.

This product does not provide residual weed control. For subsequent residual weed control, follow a label approved herbicide program. Read and carefully observe the cautionary statement and all other information appearing on the labels of all herbicides used.

Heavy rainfall immediately after application may wash the chemical off the foliage and a repeat treatment may be required. Do not apply if rainfall is forecast for the time of application.

Do not mix with any surfactant, pesticide, herbicide oils or any other material other than water unless specified in this booklet. For best results, spray coverage should be uniform and complete. Do not spray weed foliage to the point of runoff.

MODE OF ACTION

This herbicide moves through the plant from the point of foliage contact to and into the root system. Visible effects on most annual weeds occur within 2 to 4 days but on most perennial weeds may not occur until 7 to 10 days. Extremely cool or cloudy weather at treatment time may slow down activity of this product and delay visual effects of control. Visible effects are a gradual wilting and yellowing of the plant which advances to complete browning of above ground growth and deterioration of underground plant parts.

GENERAL USE PRECAUTIONS

- DO NOT APPLY BY AIR
- Do not apply through any type of irrigation system
- Do not use in successive years at the same site.
- This product has potential to leach. Do not apply excessive irrigation.
- Do not cut treated fields for forage/hay or graze treated grasses less than 90 days after treatment.
- Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

ATTENTION: AVOID CONTACT WITH FOLIAGE, GREEN STEMS, OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES SINCE SEVERE INJURY OR DESTRUCTION MAY RESULT.

APPLY THESE SPRAY SOLUTIONS IN PROPERLY MAINTAINED AND CALIBRATED EQUIPMENT CAPABLE OF DELIVERING DESIRED VOLUMES.

AVOID DRIFT - EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURING DESIRABLE PLANTS AND CROPS. Do not allow spray mist to drift since even minute quantities of spray can cause severe damage or destruction to nearby crops, plants or other areas on which treatment is not intended, or may cause other unintended consequences. Do not apply when winds are gusty or in excess of 8 km/h or when other conditions, including lesser wind velocities, will allow drift to occur. When spraying, avoid combinations of pressure and nozzle type that will result in fine particles (mist) which are more likely to drift.

DO NOT USE IN GREENHOUSES. REDUCED RESULTS MAY OCCUR IF WATER CONTAINING SOIL IS USED, SUCH AS WATER FROM PONDS AND UNLINED DITCHES.

Clean sprayer and parts immediately after using this product by thoroughly flushing with water. Do not contaminate water sources by disposal of wastes or cleaning of equipment.

NOTE: Use of this product in any manner not consistent with this booklet may result in injury to persons, animals or crops, or other unintended consequences. Keep container closed to prevent spills and contamination.

Tank Mixtures

In some cases, tank mixing a pest control product with another pest control product or a fertilizer can result in biological effects that could include, but are not limited to: reduced pest efficacy or increased host crop injury. The user should contact Dow AgroSciences Canada Inc at 1-800-667-3852 or www.dowagro.ca for information before mixing any pesticide or fertilizer that is not specifically recommended on this label. The user assumes the risk of losses that result from the use of tank mixes that do not appear on this label or that are not specifically recommended by Dow AgroSciences Canada Inc.

To Reduce Spray Drift:

- 1. Use nozzles delivering higher volumes and coarser droplets.
- 2. Use low pressures (200 to 275 kPa).
- 3. Use 100 L/ha of spray solution.
- 4. Spray when the wind velocity is 15 km/hr or less.
- 5. Spot treatments should only be applied with a calibrated boom to prevent over-application.

Sprayer clean-out

To avoid injury to desirable plants, thoroughly clean equipment used to apply this product before re-use or using it to apply other chemicals.

- 1. Immediately after spraying, completely drain the sprayer tank. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
- 2. First rinse:
 - Spray the inside of tank with clean water and fill the sprayer with at least one tenth of the spray tank volume.
 - Agitate and circulate for 15 minutes, and flush through booms and hoses.
 - Remove end caps or open ball valves on the ends of each boom section, and flush solution through the boom ends to ensure there is no spray solution trapped between the boom end and the nozzles.
 - Drain tank completely.
- 3. Second rinse:
 - Fill the tank with clean water.
 - Add All Clear Spray Tank Decontaminator, or Clean-Out Spray Tank Cleaner, or 1 L of household ammonia (containing a minimum of 3 % ammonia) per 100 L of water, or similar tank cleaning agent as per manufacturer's recommendations while filling the tank with clean water.
 - Agitate and then flush the boom and hoses with the cleaning solution. Top up with water making sure the tank is completely full. Allow to stand for 15 minutes with agitation. Flush the solution out of the spray tank through the spray booms. Remove end caps or open ball valves on the ends of each boom section, and flush solution through the boom ends to ensure there is no spray solution trapped between the boom end and the nozzles.
 - If possible, let the solution stand in the sprayer tank and booms for an extended period of time, overnight if possible.
 - After flushing the boom and hoses, drain tank completely.
 - Remove nozzles and screens and clean separately with a cleaning agent or an ammonia solution (100 mL in 10 L water).

4. Third rinse:

- Rinse the tank with clean water and flush through the boom and hoses using at least one tenth of the spray tank volume.
- Remove end caps or open ball valves on the ends of each boom section, and flush solution through the boom ends to ensure there is no spray solution trapped between the boom end and the nozzles.
- Drain tank completely.

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.

Application Directions

Apply PrePass A at a rate of 100 mL/ha, mixed with PrePass B at a rate of 1.25 L/ha in 50-100 L of water per hectare in the fall or spring prior to planting spring wheat (including durum), spring barley and oats, or as an initial treatment in summerfallow.

Crop Rotation

Fields treated with PrePass Herbicide in the spring prior to planting barley, oats and wheat (including durum) or in summerfallow can be seeded the following year to barley, canola, chickpeas, corn, field beans, flax, Juncea canola, lentils, mustard (brown, oriental, and/or yellow),oats, peas, potatoes (except seed potatoes), soybeans, sunflowers or wheat, or can be summerfallowed

Weeds Controlled or Suppressed with PrePass Herbicide Alone **Weeds Controlled:**

Annual Broadleaved Weeds

buckwheat, wild (up to 5 hempnettle ragweed, common** lady's-thumb leaves) shepherd's purse lamb's-quarters canola, volunteer* smartweed mustard, wild chickweed, common stinkweed pigweed, redroot cleavers thistle, Russian flax, volunteer narrow-leaved hawk's beard**

fleabane, Canada**

flixweed

Annual Grasses

foxtail, giant

barley, volunteer foxtail, green wheat, volunteer brome, downey oats, wild

Persian darnel

Perennial Weeds dandelion seedling

Weeds Suppressed:

kochia sow-thistle, annual sow-thistle, perennial***

*Including all herbicide tolerant canola varieties

** Less than 8 cm in height

***Applications made at advanced stages will reduce effectiveness

Mixing Instructions

- 1. Fill sprayer tank 1/2 full of water.
- 2. Start sprayer tank agitation.
- 3. Add the required amount of PrePass A, continue agitation.
- 4. Add the required amount of PrePass B, continue agitation.
- 5. Fill the sprayer tank with sufficient water to spray 50 100 L of spray mixture per hectare.

Application Timing

Apply to actively growing weeds in the 2-4 leaf stage, except where noted above. Extreme growing conditions such as drought or near freezing temperature prior to, at or following time of application may reduce weed control. Only weeds which are emerged at the time of application will be affected. If foliage is wet at the time of application, control may be decreased. Under conditions of high weed density, control may be reduced.

TANK-MIX COMBINATION – PREPASS HERBICIDE PLUS VANTAGE PLUS MAX II HERBICIDE SOLUTION

PrePass Herbicide can be tank mixed with Vantage Plus MAX II Herbicide Solution for control of additional weeds listed in the tables below. Read all tank-mix partner labels thoroughly for more information on precautions, preharvest intervals, buffer zone requirements and additional directions for use.

Tank-Mix Combinations with Vantage Plus MAX II Herbicide Solution for Annual Weed Control

Rate L/Ha of Vantage Plus MAX II Herbicide Solution	Growth Stage	Additional Weeds Controlled	
0.75	weeds up to 15 cm in height	crab grass and annual blue grass kochia, prickly lettuce, annual sow thistle, and narrow-leaved vetch	
1.69	weeds over 15 cm in height	all annual grasses and broadleaved weeds listed above	

Tank-Mix Combinations with Vantage Plus MAX II Herbicide Solution for Perennial Weed Control

Rate L/Ha of Vantage Plus MAX II Herbicide Solution	Growth Stage	Additional Weeds Controlled	Comments
0.94	3 to 4 green leaves or more	quack grass (control, light to moderate infestations)	 Use water volume of 100 L/ha. Allow 3 or more days after treatment before tillage.
0.94 - 4.3	3 to 4 green leaves or more	quack grass (heavy infestations, longer control)	 Use water volume of 100 L/ha. Allow 3 or more days after treatment before tillage.
0.94	rosette stage (summerfallow)	Canada thistle	 Allow 10 or more days after treatment before tillage.
2.62 – 4.3	bud stage or beyond	Canada thistle	 Use water volume of 100 L/ha. Allow 5 or more days after treatment before tillage.

Mixing Instructions

- 1. Fill sprayer tank 1/2 full of water.
- Start sprayer tank agitation.
 Add the required amount of PrePass A, continue agitation.
- 4. Add the required amount of PrePass B, continue agitation.
- 5. Add tank-mix partner.
- 6. Fill the sprayer tank with sufficient water to spray 50 100 L of spray mixture per hectare.

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

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

DIRECTIONS FOR USE

GRASSES: FORAGE GRASSES GROWN FOR SEED AND FORAGE

FOR APPLICATION PRIOR TO PLANTING CREEPING RED FESCUE, MEADOW BROMEGRASS, SMOOTH BROMEGRASS AND TIMOTHY FOR SEED OR FORAGE TO CONTROL LABELLED WEEDS

Apply one application per year in a spray volume of 50-100 liters/ha to control labeled weeds prior to the seeding of forage grasses. Application should be made when weeds are actively growing to enhance the activity of PrePass Herbicide. Weeds hardened by cold weather, drought stress may show delayed symptoms. In selected situations forage grasses may be sown with a cover crop. Acceptable cover crops include wheat (including durum), spring barley and oats.

Application rates (Apply as a tank-mix only): PrePass A: 100 ml/hectare. PrePass B: 1.25 liters/hectare.

Do not apply when seeded forage grasses are at ground crack or emergence. PrePass Herbicide is a non-selective herbicide.

Refer to the main PrePass Herbicide label for the list of weed controlled and additional instructions.

READ THE ROTATIONAL CROPPING RESTRICTIONS ON THE FULL LABEL BEFORE USING THIS PRODUCT.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that PrePass Herbicide is both a Group 2 and a Group 9 herbicide. Any weed population may contain or develop plants naturally resistant to PrePass Herbicide and to other Group 2 and/or to Group 9 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same fields. 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 PrePass Herbicide or other Group 2 or other group 9 herbicide within a growing season (sequence) or among growing seasons 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. To delay
 resistance, the less resistance-prone partner should control the target weed(s) as effectively as
 the more resistance-prone partner.
- Herbicide use should be based on an integrated weed management program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical control methods), cultural (for example, higher crop seeding rates; precision fertilizer application method and timing to favour the crop and not the weeds), biological (weedcompetitive crops or varieties) and other management practices.
- Monitor weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected,

prevent weed seed production in the affected area if possible by an alternative herbicide from a different group. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.

- Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options.
- 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.

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