

Container Label

GROUP	3	FUNGICIDE
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**SPHAEREX®**

**Fungicide**

Broad spectrum fungicide for use in cereals to control or suppress labelled fungal diseases

**Emulsifiable Concentrate**

**COMMERCIAL (AGRICULTURAL)**

**ACTIVE INGREDIENTS:** Metconazole ..... 112.5 g/L  
Prothioconazole.....187.5 g/L

**REGISTRATION NO. 34263**

**PEST CONTROL PRODUCTS ACT**

**WARNING – EYE AND SKIN IRRITANT**

**READ THE LABEL AND ATTACHED BROCHURE BEFORE USING**

**KEEP OUT OF REACH OF CHILDREN**

**IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY  
INVOLVING THIS PRODUCT, CALL DAY OR NIGHT,  
1-800-454-2673**

**NET CONTENTS:** 0.100 L – Bulk

BASF Canada Inc.  
5025 Creekbank Road  
Building A, 2nd Floor  
Mississauga, Ontario L4W 0B6  
1-877-371-2273

SPHAEREX is a registered trade-mark of BASF SE, used under license by BASF Canada Inc.

## PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Harmful if swallowed. Do not take internally.
3. Causes eye and skin irritation. DO NOT get in eyes and on skin.
4. Wash thoroughly after handling and before eating, drinking or smoking.
5. Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and chemical-resistant footwear during mixing, loading, application, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) during mixing and loading. Gloves are not required during application within a closed cab and/or cockpit.

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

6. Use closed cab tractor for ground boom application. A closed cab is a chemical resistant barrier that completely surrounds the occupant of the cab and prevents contact with the pesticide or treated surfaces outside the cab.
7. If clothing becomes contaminated, remove and wash separately from household laundry before reuse.
8. Clean spray equipment thoroughly after use.
9. Apply only to agricultural crops when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

## FIRST AID

**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.

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

## **TOXICOLOGICAL INFORMATION**

Treat symptomatically.

## **ENVIRONMENTAL PRECAUTIONS**

TOXIC to aquatic organisms. Observe buffer zones specified under DIRECTIONS FOR USE.

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 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.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

## **STORAGE**

1. Store in original tightly closed container away from food or feed.
2. DO NOT ship or store near food, feed, seed and fertilizers.
3. Store in cool, dry, locked, well-ventilated area without floor drain.

## **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 any further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

**For non recyclable, non-returnable or non-refillable containers**

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

**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 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.

Booklet

GROUP

3

FUNGICIDE

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Broad spectrum fungicide for use in cereals to control or suppress labelled fungal diseases

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**NET CONTENTS:** 0.100 L – Bulk

BASF Canada Inc.  
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Building A, 2nd Floor  
Mississauga, Ontario L4W 0B6  
1-877-371-2273

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## GENERAL INFORMATION

This package contains **SPHAEREX**, a 300 g/L emulsifiable concentrate. The active ingredients in **SPHAEREX** belong to the triazole class of fungicides. The mode of action of metconazole and prothioconazole is inhibition of ergosterol biosynthesis.

## DIRECTIONS FOR USE (See specific sections for each crop group)

### All Crops

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

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

Apply recommended rates of **SPHAEREX** as instructed by the following crop application rate tables. Apply **SPHAEREX** with ground or aerial spray equipment. Equipment should be checked frequently for proper calibration.

### TANK MIXING

This product may be tank mixed with a fertilizer, a supplement or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact BASF Canada Inc. at 1-877-371-2273 for information before mixing any pesticide that is not specifically recommended on this label.

Not all varieties and cultivars have been tested with possible tank mix combinations. Local conditions can also influence crop tolerance and may not match those under which BASF has conducted testing. Physical incompatibility, reduced disease control, or crop injury may result from mixing **SPHAEREX** with other products. Therefore, before using any tank mix (fungicides, insecticides, herbicides, liquid fertilizers, biological control products, adjuvants, and additives), test the combination on a small portion of the crop to be treated to ensure that a phytotoxic response will not occur as a result of application. Consult a BASF representative for more information concerning additives.

### Tank Mix Compatibility Determination

To determine compatibility, mix all components of the finished spray in proportionate quantities in a small jar. Add components to the test jar in the following order: wettable powders and water dispersible granules, liquid flowables and suspensions, emulsifiable concentrate formulations, and solutions. If the mixture does not ball-up or form flakes, sludge, jelly, oily films or layers, or other precipitates within 2 hours after mixing and can easily be resuspended with agitation, then the tested spray-mix is compatible. Always follow the most restrictive label regarding any precautions when tank mixing.

### **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 S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

Apply **SPHAEREX** at rates listed in application rate and timing table (crop specific) when conditions are favourable for the development of disease. Use a minimum water volume of 100 L/ha. Ensure thorough coverage of foliage. Consult nozzle manufacturers recommendation for spray pressures for specific nozzles.

### **Aerial Application**

**DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply when wind speed is greater than 16 km/h at flying height at the site of application. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Reduce drift caused by turbulent wingtip vortices. Nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or rotor-span.

Apply **SPHAEREX** at rates listed in the application rate and timing tables (crop specific) when conditions are favourable for the development of disease. Use a minimum water volume as low as 20 L/ha unless specified otherwise in the crop specific application rate tables. Ensure thorough coverage of foliage. Consult nozzle manufacturers recommendation for spray pressures and water volumes for specific nozzles.

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

### **Use Precautions**

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

### **Operator Precautions**

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

### **Product Specific Precautions**

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-877-371-BASF (2273) or obtain technical advice from the distributor or your provincial agricultural representative.

## Spray Buffer Zones

A spray buffer zone is NOT required for uses with hand-held application equipment permitted on this label. The spray 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.

When tank mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pesticides portion of the Canada.ca website.

Method of Application	Crop		Spray Buffer Zones (metres) Required for the Protection of:				
			Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		Terrestrial Habitat
			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Wheat (spring, winter and durum), barley, oats, rye, triticale		1	1	1	1	0
Aerial	Wheat (spring, winter and durum), barley, oats, rye, triticale	Fixed wing	10	1	1	1	0
		Rotary wing	10	1	1	1	0



<b>Wheat (spring, winter, and durum) Application Rate Table Ground and Aerial Application</b>		
<b>Target Diseases</b>	<b>Application Rate (L/ha)</b>	<b>PHI; Livestock Grazing and/or Feeding Interval (All Commodities) (days)</b>
<u>For suppression of:</u> Fusarium head blight ( <i>Fusarium graminearum</i> ) Spot blotch ( <i>Cochliobolus sativus</i> )	0.4 - 0.53	30
<u>For control of:</u> Tan spot ( <i>Pyrenophora tritici-repentis</i> ) Septoria/stagonospora leaf blotch ( <i>Septoria tritici</i> ; <i>Stagonospora nodorum</i> ) Leaf rust ( <i>Puccinia recondita</i> ) Stripe rust ( <i>Puccinia striiformis</i> ) Stem rust ( <i>Puccinia graminis</i> ) Powdery mildew ( <i>Erysiphe graminis</i> f. sp. <i>tritici</i> )		
<u>For suppression of:</u> Ergot ( <i>Claviceps purpurea</i> )	0.53	
<b>Application Directions</b> For suppression of FHB and ergot, apply <b>SPHAEREX</b> preventatively beginning when at least 75% of mainstem cereal heads are fully emerged until the end of anthesis; when anthers have changed from yellow to white. Application of <b>SPHAEREX</b> at the heading stage will also control/suppress the listed foliar diseases. Application at this timing is not intended to provide curative control or suppression of established leaf diseases; performance is best when applications occur prior to foliar disease development or at the onset of disease symptoms. Select the rate based on relative disease pressure. Use the high rate if weather conditions are favourable for disease development (i.e. high humidity/moisture) and/or when risk for disease development is high (i.e. narrow host rotation with disease history and high potential for inoculum). Use sprayer nozzles configured to provide excellent coverage of the cereal head. Application of <b>SPHAEREX</b> will reduce the Fusarium toxin (DON) in harvested grain. <b>DO NOT</b> apply <b>SPHAEREX</b> beyond the anthesis stage (>GS 69) when kernels begin milk development stage (GS 70). <b>DO NOT</b> make more than one (1) application of <b>SPHAEREX</b> per year. For aerial applications targeting Fusarium head blight, use a minimum water volume of 30 L/ha. For aerial applications targeting ergot, use a minimum water volume of 50 L/ha.		

<b>Barley Application Rate Table Ground and Aerial Application</b>		
<b>Target Diseases</b>	<b>Application Rate (L/ha)</b>	<b>PHI; Livestock Grazing and/or Feeding Interval (All Commodities) (days)</b>
<u>For suppression of:</u> Fusarium head blight ( <i>Fusarium graminearum</i> ) Spot blotch ( <i>Cochliobolus sativus</i> )	0.4 - 0.53	30
<u>For control of:</u> Net blotch ( <i>Pyrenophora teres</i> ) Scald ( <i>Rhynchosporium secalis</i> ) Leaf rust ( <i>Puccinia hordei</i> ) Stripe rust ( <i>Puccinia striiformis</i> ) Powdery mildew ( <i>Erysiphe graminis</i> )		
<u>For suppression of:</u> Ergot ( <i>Claviceps purpurea</i> )	0.53	
<b>Application Directions</b> For suppression of FHB and ergot, apply <b>SPHAEREX</b> preventatively beginning when 75-100% of main stem barley spikes are emerged until 3 days after spike emergence. Application of <b>SPHAEREX</b> at the early heading stage will also control/suppress the listed foliar diseases. Application at this timing is not intended to provide curative control or suppression of established leaf diseases; performance is best when applications occur prior to foliar disease development or at the onset of disease symptoms. Select the use rate based on relative disease pressure. Use the high rate if weather conditions are favourable for disease development (i.e. high humidity/moisture) and/or when risk for disease development is high (i.e. narrow host rotation with disease history and high potential for inoculum).		
Use sprayer nozzles configured to provide excellent coverage of the cereal head. Application of <b>SPHAEREX</b> will reduce the Fusarium toxin (DON) in harvested grain. Application of <b>SPHAEREX</b> at the timing for FHB will control or suppress the listed leaf diseases that occur later in the season. Application at this timing is not intended to provide curative control or suppression of established leaf diseases. <b>DO NOT</b> apply <b>SPHAEREX</b> beyond GS 70 when kernels begin milk development stage. <b>DO NOT</b> make more than one (1) application of <b>SPHAEREX</b> per year. For aerial applications targeting Fusarium head blight, use a minimum water volume of 30 L/ha. For aerial applications targeting ergot, use a minimum water volume of 50 L/ha.		

<b>Oats Application Rate Table Ground and Aerial Application</b>		
<b>Target Diseases</b>	<b>Application Rate (L/ha)</b>	<b>PHI; Livestock Grazing and/or Feeding Interval (All Commodities) (days)</b>
<u>For suppression of:</u> Fusarium head blight ( <i>Fusarium graminearum</i> )	0.4 - 0.53	30
<u>For control of:</u> Crown rust ( <i>Puccinia coronata</i> ) Stagonospora (septoria) leaf blotch and black stem ( <i>Stagonospora avenae</i> syn. <i>Septoria avenae</i> )		
<u>For suppression of:</u> Ergot ( <i>Claviceps purpurea</i> )	0.53	
<b>Application Directions</b> For suppression of FHB and ergot, apply <b>SPHAEREX</b> when oats are in anthesis stage; at early panicle stage when anthers are yellow to white stage. Application of <b>SPHAEREX</b> at the early anthesis stage will also control the listed foliar diseases. Application at this timing is not intended to provide curative control or suppression of established leaf diseases; performance is best when applications occur prior to foliar disease development or at the onset of disease symptoms. Select the use rate based on relative disease pressure. Use the high rate if weather conditions are favourable for disease development (i.e. high humidity/moisture) and/or when risk for disease development is high (i.e. narrow host rotation with disease history and high potential for inoculum). Use sprayer nozzles configured to provide excellent coverage of the panicles. Application of <b>SPHAEREX</b> will reduce the Fusarium toxin (DON) in harvested grain. Application of <b>SPHAEREX</b> at the timing for FHB will control the listed leaf diseases that occur later in the season. Application at this timing is not intended to provide curative control of established leaf diseases. <b>DO NOT</b> apply <b>SPHAEREX</b> beyond anthesis stage (>GS 69) when kernels begin milk development stage (GS 70). <b>DO NOT</b> make more than one (1) application of <b>SPHAEREX</b> per year. For aerial applications targeting Fusarium head blight, use a minimum water volume of 30 L/ha. For aerial applications targeting ergot, use a minimum water volume of 50 L/ha.		

<b>Rye and Triticale Application Rate Table Ground and Aerial Application</b>		
<b>Target Diseases</b>	<b>Application Rate (L/ha)</b>	<b>PHI; Livestock Grazing and/or Feeding Interval (All Commodities) (days)</b>
<u>For suppression of:</u> Fusarium head blight ( <i>Fusarium graminearum</i> )	0.4 - 0.53	30
<u>For control of:</u> Leaf rust ( <i>Puccinia recondita</i> ) Stripe rust ( <i>Puccinia striiformis</i> ) Powdery mildew ( <i>Erysiphe graminis</i> )		
<u>For suppression of:</u> Ergot ( <i>Claviceps purpurea</i> )	0.53	
<b>Application Directions</b> For suppression of FHB and ergot, apply <b>SPHAEREX</b> when rye or triticale are in anthesis stage; that is at early heading stage when anthers are yellow to white stage. Application of <b>SPHAEREX</b> at the early heading stage will also control the listed foliar diseases. Application at this timing is not intended to provide curative control or suppression of established leaf diseases; performance is best when applications occur prior to foliar disease development or at the onset of disease symptoms. Select the use rate based on relative disease pressure. Use the high rate if weather conditions are favourable for disease development (i.e. high humidity/moisture) and/or when risk for disease development is high (i.e. narrow host rotation with disease history and high potential for inoculum). Use sprayer nozzles configured to provide excellent coverage of the panicles. Application of <b>SPHAEREX</b> will reduce the Fusarium toxin (DON) in harvested grain. Application of <b>SPHAEREX</b> at the timing for FHB will control the listed leaf diseases that occur later in the season. Application at this timing is not intended to provide curative control of established leaf diseases. <b>DO NOT</b> apply <b>SPHAEREX</b> beyond anthesis stage (>GS 69) when kernels begin milk development stage (GS 70). <b>DO NOT</b> make more than one (1) application of <b>SPHAEREX</b> per year. For aerial applications targeting Fusarium head blight, use a minimum water volume of 30 L/ha. For aerial applications targeting ergot, use a minimum water volume of 50 L/ha.		

## RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, **SPHAEREX** contains Group 3 fungicides (metconazole and prothioconazole). Any fungal population may contain individuals naturally resistant to **SPHAEREX** and other Group 3 fungicides. A gradual or total loss of pest control may occur over time if these fungicides 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 fungicide resistance:

- Where possible, rotate the use of **SPHAEREX** with different fungicide groups that control the same pathogens. **DO NOT** make more than one (1) application of **SPHAEREX** per season.
- Use tank mixtures with fungicides from a different group that is effective on the target pathogen when such use is permitted.
- **SPHAEREX** use should be based on an integrated disease management program that includes scouting, historical information related to pesticide use and crop rotation and considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications.
- Monitor treated fungal populations for resistance development. Notify BASF Canada Inc. If reduced sensitivity of the pathogen to **SPHAEREX** is suspected.
- If disease continues to progress after treatment with this product, **DO NOT** increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action to which pathogen resistance has not developed, if available.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.

For further information and to report suspected resistance, contact a BASF representative at 1 (877) 371- 2273 or at [www.agsolutions.ca](http://www.agsolutions.ca).

## MIXING

1. Clean spray tank following sprayer clean-up recommendations on the label of the product applied previously.
2. Fill the spray tank one-half full of water and start agitation.
3. Add the required amount of **SPHAEREX** to the tank.

4. Add the required amount of the tank mix partner, if required.
5. Continue agitation while filling the remainder of the spray tank.
6. After use, clean the spray tank.

## RESTRICTIONS AND LIMITATIONS

1. Do not enter or allow worker entry into treated areas during the restricted entry intervals specified in the following table:

Crop	Activity	Restricted entry interval (REI)
All crops	All activities	24 hours

2. Crop preharvest interval and application limitation:

Crop	Application to harvest interval (days)	Maximum number of applications per year	Maximum number of sequential applications
Barley, oats, rye, triticale, wheat	30	1	1

3. All crops can be grazed or fed to livestock.
4. Rotational Crops: A plant back interval of 35 days is required for all crops not listed on the label.

## PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Harmful if swallowed. Do not take internally.
3. Causes eye and skin irritation. DO NOT get in eyes and on skin.
4. Wash thoroughly after handling and before eating, drinking or smoking.
5. Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and chemical-resistant footwear during mixing, loading, application, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) during mixing and loading. Gloves are not required during application within a closed cab and/or cockpit.

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

6. Use closed cab tractor for ground boom application. A closed cab is a chemical resistant barrier that completely surrounds the occupant of the cab and prevents contact with the pesticide or treated surfaces outside the cab.
7. If clothing becomes contaminated, remove and wash separately from household laundry before reuse.
8. Clean spray equipment thoroughly after use.
9. Apply only to agricultural crops when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

## **FIRST AID**

**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.

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

## **TOXICOLOGICAL INFORMATION**

Treat symptomatically.

## **ENVIRONMENTAL PRECAUTIONS**

TOXIC to aquatic organisms. Observe buffer zones specified under DIRECTIONS FOR USE.

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 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.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

## **STORAGE**

1. Store in original tightly closed container away from food or feed.
2. DO NOT ship or store near food, feed, seed and fertilizers.
3. Store in cool, dry, locked, well-ventilated area without floor drain.

## **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 any further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

### **For non recyclable, non-returnable or non-refillable containers**

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



**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 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.