

A6097

EMULSIFIABLE CONCENTRATE

FUNGICIDE

COMMERCIAL

Broad-spectrum disease control or suppression in Wheat, Barley, Oats, and Corn.

ACTIVE INGREDIENT:

Propiconazole..... 250 g/L

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING



POISON

**DANGER: EYE AND SKIN IRRITANT
POTENTIAL SKIN SENSITIZER**

REGISTRATION NO.: **33118**
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **1 L to 1000 L**

Syngenta Canada Inc.
140 Research Lane, Research Park
Guelph, ON N1G 4Z3
Telephone: 1-877-964-3682

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.

FIRST AID

IF POISONING IS SUSPECTED, contact a physician or a poison control centre **IMMEDIATELY**. 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

There is no specific antidote for this product. Apply symptomatic therapy. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN. Severely irritating to the eye. Causes skin irritation. **DO NOT** get in eyes or on skin. Harmful if inhaled. Avoid breathing spray mist or vapours. This product may cause skin sensitization reactions in certain individuals.

DO NOT contaminate food or feed.

DO NOT allow entry into treated area for 12 hours following application (12 hr REI). See the **DIRECTIONS FOR USE** section for crop specific restricted entry intervals.

Apply to agricultural crops only when there is low risk of drift to areas of human habitation or activity such as houses, cottages, schools and recreational areas. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

If this pest control product is to be used on a commodity that may be exported to other countries in the world and you require information on acceptable residue levels in these countries, please contact Syngenta Canada Inc. at 1-87-SYNGENTA / 1-877-964-3682.

PERSONAL PROTECTIVE EQUIPMENT

Wear coveralls over long-sleeved shirt and long pants, chemical resistant gloves, socks and chemical resistant footwear during mixing, loading, application, clean up and repair. Wear a protective face shield when handling the concentrated product. The wearing of neoprene gloves by pilots when entering the aircraft is essential. Mechanical flagging devices must be used. DO NOT eat, drink or smoke during work; wash hands and face thoroughly before doing so. Immediately wash off accidental splashes of the concentrate or spray mixture from skin, clothing and out of eyes. After work, change clothing and wash entire body thoroughly. Wash contaminated working clothes separately from other laundry before reuse.

ENVIRONMENTAL HAZARDS

Toxic to aquatic organisms and non-target terrestrial plants. This pesticide is toxic to fish. DO NOT spray any body of water by direct application, drift or by cleaning and rinsing spray equipment. This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. DO NOT contaminate these systems through direct application, disposal of waste or cleaning of equipment.

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

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.

Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application sites such as hedgerows and woodland.

STORAGE

To prevent contamination store this product away from food or feed.

SPILL CLEANUP

Wear appropriate protective equipment (gloves, glasses, apron) when attempting to clean up the spill. If the container is leaking, secure leak and place the container into a drum or heavy

gauge plastic bag. Contact Syngenta Canada Inc. (See EMERGENCY NUMBER) for further information.

For spills and leaks - contain the liquid with dikes of inert material (soil, clay, kitty litter, etc.). Absorb the spill onto inert material and shovel into a sealable waste container.

On hard surfaces - sprinkle spill area with detergent and scrub in a small quantity of water with a coarse broom. Let stand 10 minutes then absorb onto an inert material and shovel into the waste container. Dispose of all waste, including broom, in accordance with provincial requirements.

On soil - remove the top 15 cm of soil in the spill area and replace with fresh soil. Dispose of all waste in accordance with provincial requirements. For more information on the disposal of waste and the clean-up of spills, contact the provincial regulatory agency and the manufacturer.

DISPOSAL

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.

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. Dispose of the rinsings in accordance with provincial requirements.
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 other purpose. This empty container may be returned to the point of purchase (distributor/dealer) for disposal.

For Refillable Containers:

DO NOT reuse this container for any other purpose. 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.

***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING,
CALL 1-800-327-8633 (FASTMED)***

GROUP **3** FUNGICIDE

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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.

3. TOXICOLOGICAL INFORMATION

There is no specific antidote for this product. Apply symptomatic therapy. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

4. PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN. Severely irritating to the eye. Causes skin irritation. **DO NOT** get in eyes or on skin. Harmful if inhaled. Avoid breathing spray mist or vapours. This product may cause skin sensitization reactions in certain individuals.

DO NOT contaminate food or feed.

DO NOT allow entry into treated area for 12 hours following application (12 hr REI). See the **DIRECTIONS FOR USE** section for crop specific restricted entry intervals.

Apply to agricultural crops only when there is low risk of drift to areas of human habitation or activity such as houses, cottages, schools and recreational areas. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

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

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.

Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application sites such as hedgerows and woodland.

7. STORAGE

To prevent contamination store this product away from food or feed.

8. SPILL CLEANUP

Wear appropriate protective equipment (gloves, glasses, apron) when attempting to clean up the spill. If the container is leaking, secure leak and place the container into a drum or heavy

gauge plastic bag. Contact Syngenta Canada Inc. (See EMERGENCY NUMBER) for further information.

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On hard surfaces - sprinkle spill area with detergent and scrub in a small quantity of water with a coarse broom. Let stand 10 minutes then absorb onto an inert material and shovel into the waste container. Dispose of all waste, including broom, in accordance with provincial requirements.

On soil - remove the top 15 cm of soil in the spill area and replace with fresh soil. Dispose of all waste in accordance with provincial requirements. For more information on the disposal of waste and the clean-up of spills, contact the provincial regulatory agency and the manufacturer.

9. DISPOSAL

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CALL 1-800-327-8633 (FASTMED)***

10. PRODUCT INFORMATION

A6097 Fungicide is a broad spectrum systemic fungicide for control or suppression of a wide range of diseases on certain crops. A6097 Fungicide will protect the crop from yield and quality losses due to disease. A6097 Fungicide may be used in conjunction with higher seeding rates, higher fertilizer inputs, plant growth regulators and other fungicides as required. (See "NOTE" under PRECAUTIONS)

Diseases Controlled:

CROP	DISEASES CONTROLLED OR SUPPRESSED
Barley, Spring	Net Blotch; Spot Blotch; Scald; Powdery Mildew; Septoria Leaf Spot; Leaf Rust; Stem Rust; Fusarium Head Blight (<i>Fusarium graminearum</i>)*
Corn	Rusts; Northern Corn Leaf Blight; Southern Corn Leaf Blight; Helminthosporium Leaf Spot; Eye Spot; Grey Leaf Spot
Oats	Septoria Leaf Blotch; Crown Rust, Fusarium Head Blight (<i>Fusarium graminearum</i>)*
Wheat, Spring and Winter (including Hard Red, Durum, Canada Prairie, Soft White)	Septoria Leaf Spot; Septoria Glume Blotch; Powdery Mildew; Leaf and Stem Rust; Tan Spot; Stripe Rust; Fusarium Head Blight (<i>Fusarium graminearum</i>)*

*Suppression only

Factors Affecting A6097 Fungicide Performance:

A6097 Fungicide should be applied as a preventative disease control measure. Established diseases are more difficult to control and may have already reduced crop vigour.

If rainfall occurs within one hour of application, reapplication is necessary.

11. DIRECTIONS FOR USE

11.1 General Information

A restricted entry interval (REI) of 1 day is required for workers hand-harvesting and detasseling treated corn.

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.

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

Airblast application:

DO NOT apply during periods of dead calm. Avoid application of this product when winds are

gusty. DO NOT direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. DO NOT apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

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) medium classification. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or rotor span. High humidity and low temperatures (10 - 20°C) allow for a better deposition of spray droplets.

Sprayer and Application Information:

The performance of this product depends on correct application. Follow the guidelines given below for optimal application of A6097 Fungicide.

Sprayer Information:

	FIELD SPRAYER APPLICATION	AERIAL APPLICATION
Spray Volume:	minimum 200 L water/ha	40 - 50 L water/ha
Nozzle Type:	110° drift reducing flat fan or air induction	ASAE medium rated
Droplet Size:	Medium Spray (300 microns VMD)	Medium Spray (300 microns VMD)
Nozzle Angle:	90° (straight down)	90° (straight down)
Boom Height:	40 - 50 cm above the crop canopy	2 - 3 m above the crop canopy

11.2 Field Sprayer Application - Mixing and Spraying Instructions

- 1) Spray equipment should be thoroughly flushed with clean water before mixing A6097 Fungicide.
- 2) Fill spray tank 1/2 full with clean water. Engage gentle agitation.
- 3) Add the required amount of A6097 Fungicide and agitate thoroughly.
- 4) Continue filling the tank with water until the tank is 9/10 full and, if applicable, add the required amount of tankmix partner.
- 5) Complete filling the spray tank with water, maintaining agitation during mixing and spraying operations.
- 6) Use nozzle screens no finer than 50 mesh. Keep by-pass line on or near the bottom of the tank to minimize foaming.

11.3 Aerial Application - Mixing and Spraying Instructions

- 1) Spray equipment should be thoroughly flushed with clean water before mixing A6097 Fungicide.
- 2) Fill premix tank 1/2 full with clean water. Engage gentle agitation.
- 3) Add the required amount of A6097 Fungicide and agitate thoroughly.

- 4) Continue filling the tank with water until the tank is 9/10 full and, if applicable, add the required amount of tankmix partner.
- 5) Complete filling the premix tank with water.
- 6) Maintain gentle agitation during mixing.
- 7) Transfer the premix contents into the aircraft spray tank.
- 8) Maintain sufficient agitation during the mixing and spraying operation to ensure A6097 Fungicide remains in suspension.
- 9) Use nozzle screens no finer than 50 mesh. Keep by-pass line on or near the bottom of the tank to minimize foaming.

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 a 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.

AERIAL APPLICATION 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.

Do not apply to any body of water. Avoid drifting of spray onto any body of water or other non-target areas. Specified buffer zones should be observed.

Coarse sprays are less likely to drift; therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as a shelter-belt) or aquatic habitat.

AERIAL APPLICATION OPERATOR PRECAUTIONS:

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. The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the label recommendations on the ground application section. 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.

11.4 Buffer zones

Use of the following spray methods or equipment **DO NOT** require a buffer zone: hand-held 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.

Method of application	Crop		Buffer Zones (metres) Required for the Protection of:				Terrestrial habitat
			Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		
			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer*	Corn, wheat, oats, barley, rye, triticale		1	0	1	1	1
Aerial	Corn, oats, wheat, barley, triticale (seed prod.)	Fixed wing	1	0	3	1	20
		Rotary wing	1	0	1	1	20

*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%.

For tank mixes, consult the labels of tank mix partners and observe the largest (most restrictive) 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.

PRODUCT SPECIFIC PRECAUTIONS:

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-87-SYNGENTA (1-877-964-3682) or obtain technical advice from the distributor or your provincial agricultural representative.

Fertilizer - Mixing and Spraying Instructions

If desired, small amounts of nitrogen may be applied with A6097 Fungicide. The appropriate amount of urea can be dissolved in water and added to the spray tank before adding A6097 Fungicide. The rate of actual nitrogen must not exceed 10 kg/ha.

CAUTION: Excessive nitrogen concentrations may injure the crop.

NOTE: DO NOT add nitrogen when tank-mixing A6097 Fungicide with a herbicide.









11.5 Rotational Crop Restrictions

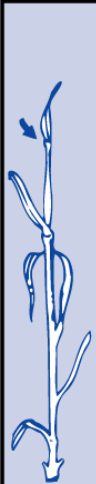







Please see the following table for the crop rotational restrictions:

Rotational Crops	Planting Time From Last Application of Propiconazole-containing Products
All crops with Propiconazole registered uses	0 days
All other crops Intended for Food and Feed	105 days

12. CROP USE DIRECTIONS

**WHEAT, BARLEY, OATS
CEREAL GROWTH STAGES***

							
3 leaves unfolded 13	Main shoot and tiller 21	Main shoot and 4 tillers 24	Leaf sheath begins to lengthen 30	Pseudo stem erection 31	1st node detectable 32	2nd node detectable 37	Flag leaf just visible 37

							
Ligule of last leaf visible 39	Boots swollen 45	Ear just visible 51	Ear 1/2 emerged 55	Ear fully emerged 59	Flowering over at base of ear 69	Flowering over kernel watery ripe 71	Grain hard 91

WHEAT	
INSTRUCTIONS FOR USE: Apply A6097 Fungicide at the very early stages of disease development. This could occur anytime during tillering, through stem elongation, up to flowering. A6097 Fungicide lasts about three weeks in the plant. If conditions favourable to disease continue after this length of time, another application will be necessary to maintain control. A second spray can be applied at the time of head emergence and can also be used for suppression of Fusarium head blight.	
DISEASES	Septoria Leaf Spot, Tan Spot
RATE/HA	250 - 500 mL
EARLY Application	At BBCH 12-23 (as early as the two leaf stage). For early season disease suppression, use the lower rate for suppression under normal field conditions. Use the higher rate for control if there is a history of high disease pressures in the field and/or field conditions favour disease development.
LATER Application	At the first sign of disease (BBCH 29-37) or before head is half emerged (BBCH 49-55). Apply only the high rate on any application from BBCH 29-55.
DISEASES	Septoria Leaf Spot and Glume Blotch, Powdery Mildew, Leaf and Stem Rust, Tan Spot, Stripe Rust, Fusarium Head Blight (suppression only)
RATE/HA	500 mL
Application	At the first sign of disease, usually at the beginning of stem elongation (BBCH 29-65). For suppression of Fusarium Head Blight apply within the range of at least 75% of heads on the main stem fully emerged to when 50% of the heads on the main stem are flowering.
Specific Use Restrictions: DO NOT make more than two applications of 500 mL each per season to grain and straw and one application of 250 mL to forage and hay. DO NOT harvest or feed forage or hay within 7 days of last application. DO NOT apply A6097 Fungicide after BBCH 65 (50% of main heads in flower). Applications may be made no closer than a 14 day interval.	

BARLEY	
INSTRUCTIONS FOR USE: Apply A6097 Fungicide at the very early stages of disease development. This could occur anytime during tillering, through stem elongation, up to flowering. A6097 Fungicide lasts about three weeks in the plant. If conditions favourable to disease continue after this length of time, another application will be necessary to maintain control. A second spray can be applied at the time of head emergence and can also be used for suppression of Fusarium head blight.	
DISEASES	Net Blotch
RATE/HA	250 - 500 mL
EARLY Application	At BBCH 12-23 (as early as the two leaf stage). For early season disease suppression, use the lower rate for suppression under normal field conditions. Use the higher rate for control if there is a history of high disease pressures in the field and/or field conditions favour disease development.
LATER Application	At the first sign of disease (BBCH 29-37) or before head is half emerged (BBCH 49-55). Apply only the high rate on any application from BBCH 29-55.
DISEASES	Net Blotch, Spot Blotch, Scald, Powdery Mildew, Septoria Leaf Spot, Leaf and Stem Rust, Fusarium Head Blight (suppression only)
RATE/HA	500 mL

BARLEY	
Application	At the first sign of disease, usually at the beginning of stem elongation (BBCH 29-65. For suppression of Fusarium Head Blight, apply within the range of at least 70% of heads on the main stem fully emerged to 3 days after full head emergence.
Specific Use Restrictions: DO NOT make more than two applications of 500 mL each per season to grain and straw and one application of 250 mL to forage and hay. DO NOT harvest or feed forage or hay within 7 days of last application. DO NOT apply A6097 Fungicide no later than 3 days after full emergence of main stem heads. Applications may be made no closer than a 14 day interval.	

OATS	
INSTRUCTIONS FOR USE: Apply A6097 Fungicide at the very early stages of disease development. This could occur anytime during tillering, through stem elongation, up to flowering. A6097 Fungicide lasts about three weeks in the plant. If conditions favourable to disease continue after this length of time, another application will be necessary to maintain control. A second spray can be applied at the time of head emergence and can also be used for suppression of Fusarium head blight.	
DISEASES	<u>OATS:</u> Septoria Leaf Blotch, Crown Rust, Fusarium Head Blight (suppression only)
RATE/HA	500 mL
Application	At the first sign of disease, usually at the beginning of stem elongation (BBCH 29-65. For suppression of Fusarium Head Blight apply within the range of at least 75% of heads on the main stem fully emerged to when 50% of the heads on the main stem are flowering.
Specific Use Restrictions: DO NOT make more than two applications of 500 mL each per season to grain and straw. DO NOT treat oats intended for forage or hay. DO NOT apply A6097 Fungicide after BBCH 65 (50% of main heads in flower). Applications may be made no closer than a 14 day interval.	

TANK MIXES - A6097 FUNGICIDE with QUADRIS® Flowable Fungicide

CEREALS – CROP GROUP 15	
CROPS	Barley, Oats
DISEASE	Barley net blotch (<i>Pyrenophora teres</i>)
PRODUCT RATE (L/ha)	0.5 L/ha of A6097 Fungicide + 0.225 L/ha of QUADRIS Flowable Fungicide
APPLICATION TIMING	Apply once between stem elongation and half-head emergence (BBCH Growth Stage 29-55). Good spray coverage and canopy penetration are important for best results.
CROPS	Barley, Rye
DISEASE	Barley scald (<i>Rhynchosporium secalis</i>)
PRODUCT RATE (L/ha)	0.5 L/ha of A6097 Fungicide + 0.225 L/ha of QUADRIS Flowable Fungicide
APPLICATION TIMING	Apply once between stem elongation and half-head emergence (BBCH Growth Stage 29-55). Good spray coverage and canopy penetration are important for best results.
CROPS	Wheat, Barley, Rye, Oats, Triticale
DISEASE	Septoria leaf spot (<i>Septoria</i> sp.)
PRODUCT RATE (L/ha)	0.5 L/ha of A6097 Fungicide + 0.225 L/ha of QUADRIS Flowable Fungicide
APPLICATION TIMING	Apply once between stem elongation and half-head emergence (BBCH Growth Stage 29-55). Good spray coverage and canopy penetration are important for best results.
CROPS	Wheat, Barley, Rye, Triticale
DISEASE	Tan spot (<i>Pyrenophora tritici-repentis</i>)
PRODUCT RATE (L/ha)	0.5 L/ha of A6097 Fungicide + 0.225 L/ha of QUADRIS Flowable Fungicide
APPLICATION TIMING	Apply once between stem elongation and half-head emergence (BBCH Growth Stage 29-55). Good spray coverage and canopy penetration are important for best results.
CROPS	Barley
DISEASE	Barley leaf rust (<i>Puccinia hordei</i>)
PRODUCT RATE (L/ha)	0.5 L/ha of A6097 Fungicide + 0.225 L/ha of QUADRIS Flowable Fungicide
APPLICATION TIMING	Apply once between stem elongation and half-head emergence (BBCH Growth Stage 29-55). Good spray coverage and canopy penetration are important for best results.
CROPS	Winter Wheat, Spring Wheat, Barley
DISEASE	Stripe rust (<i>Puccinia striiformis</i>)
PRODUCT RATE (L/ha)	0.4 - 0.5 L/ha of A6097 Fungicide + 0.2 - 0.3 L/ha of QUADRIS Flowable Fungicide
APPLICATION TIMING	Apply once between stem elongation and half-head emergence (BBCH Growth Stage 29-55). Good spray coverage and canopy penetration are important for best results.

CEREALS – CROP GROUP 15	
CROPS	Winter Wheat, Spring Wheat
DISEASE	Wheat leaf rust (<i>Puccinia triticina</i>)
PRODUCT RATE (L/ha)	0.4 - 0.5 L/ha of A6097 Fungicide + 0.2 - 0.3 L/ha of QUADRIS Flowable Fungicide
APPLICATION TIMING	Apply once between stem elongation and half-head emergence (BBCH Growth Stage 29-55). Good spray coverage and canopy penetration are important for best results.
<p>Specific Use Restrictions: DO NOT make more than one application per season of this tank mixture. An additional application of A6097 Fungicide can be made, if required. Refer to the A6097 Fungicide label for details of the rate and timing. A total of two applications of A6097 Fungicide should be applied per season either in a tank mix with QUADRIS Flowable Fungicide or alone. DO NOT apply within 45 days of harvest (45 day PHI) for grain and straw. DO NOT harvest wheat for forage. DO NOT graze or feed livestock treated forage or cut green crop for hay or silage. The tank mix of QUADRIS Flowable Fungicide and A6097 Fungicide may be applied with ground or air equipment.</p> <p>GROUND APPLICATION: Apply specified rates in a minimum of 100 L of water per hectare.</p> <p>AERIAL APPLICATION: Apply specified rates in a minimum of 45 L of water per hectare.</p>	

HERBICIDE TANK-MIXING - WHEAT & BARLEY:

A6097 Fungicide can be tank-mixed with ONLY ONE of these herbicides:

2,4-D Amine MCPA Amine
Buctril® M Pardner®
Mextrol® 450 Approve®

HORIZON® 240EC Herbicide (Wheat Only)

AXIAL® 100EC Herbicide (Spring Wheat and Spring Barley Only) (FOR USE ONLY IN THE PRAIRIE AND INTERIOR OF BRITISH COLUMBIA)

BROADBAND® Herbicide (Spring Wheat (excluding durum) and Barley) (FOR USE IN THE PRAIRIE PROVINCES AND INTERIOR OF BRITISH COLUMBIA ONLY)

Tank-mixing Precautions:

1. DO NOT tank-mix A6097 Fungicide with herbicides for application onto Oats.
2. Weeds and crops must be at the correct stage of growth as specified in both the A6097 Fungicide label and the tank mix partner label.
3. 2,4-D and MCPA formulations may be applied either by ground application or aerial application; tank-mixtures of A6097 Fungicide and Buctril M, Mextrol 450, Approve, Pardner, or AXIAL 100EC Herbicide can only be applied by ground application.
4. For fields treated with AXIAL 100EC Herbicide, no crop may be seeded until the following year. There are no crop rotation limitations the year following application of AXIAL 100EC Herbicide.
5. Tank mixing with the herbicide AXIAL 100EC will slightly decrease A6097 Fungicide efficacy.
6. Consult the label of the herbicide partner for a list of weeds controlled, directions for use and precautions.
7. When tank mixing, adhere to the most restrictive label limitations and precautions.
8. Compatibility should always be confirmed by premixing small proportional quantities of water, A6097 Fungicide, and the tank-mix partner in advance.

HERBICIDE TANK-MIXING – WHEAT ONLY:

FOR USE ONLY IN THE PRAIRIE AND INTERIOR OF BRITISH COLUMBIA.

A6097 Fungicide can be tank-mixed with HORIZON 240EC Herbicide for disease and grassy weed control.

Tank-mixing Precautions:

- 1) DO NOT apply by air.
- 2) Consult the label of HORIZON 240EC Herbicide for a list of weeds controlled, directions for use and precautions.
- 3) Apply prior to emergence of the 4th tiller (herbicide timing).

SEED CORN	
DISEASES	Rusts
RATE/HA A6097 Fungicide alone	500 mL
RATE/HA Tank Mix partner	+ 83 mL MATADOR Insecticide or 83 mL WARRIOR Insecticide or 175 mL Ripcord
REMARKS	Apply 500 mL/ha of A6097 Fungicide when rust pustules first appear. Under severe disease pressure, make a second application 14 days after. Under severe disease pressure, make a third application 14 days after. DO NOT apply the tank mix with WARRIOR Insecticide by air.
DISEASES	Northern Corn Leaf Blight Southern Corn Leaf Blight Helminthosporium Leaf Spot
RATE/HA A6097 Fungicide alone	250 - 500 mL
RATE/HA Tank Mix partner	+ 83 mL MATADOR Insecticide or 83 mL WARRIOR Insecticide or 175 mL Ripcord
REMARKS	Apply 250 - 500 mL/ha of A6097 Fungicide when disease first appears. Use the 250 mL rate if disease pressure is low. DO NOT apply the tank mix with WARRIOR Insecticide by air.
DISEASES	Eye Spot Grey Leaf Spot
RATE/HA A6097 Fungicide alone	500 mL
RATE/HA Tank Mix partner	+ 83 mL MATADOR Insecticide or 83 mL WARRIOR Insecticide or 175 mL Ripcord
REMARKS	Apply 500 mL of A6097 Fungicide per hectare when disease first appears. DO NOT apply the tank mix with WARRIOR Insecticide by air.

FIELD CORN and SWEET CORN	
DISEASES	Rusts
RATE/HA A6097 Fungicide alone	500 mL
RATE/HA Tank Mix partner	+ 83 mL MATADOR Insecticide or 83 mL WARRIOR Insecticide or 175 mL Ripcord
REMARKS	Apply 500 mL/ha of A6097 Fungicide when rust pustules first appear. Under severe disease pressure, make a second application 14 days after. DO NOT apply the tank mix with WARRIOR Insecticide by air.
DISEASES	Northern Corn Leaf Blight Southern Corn Leaf Blight Helminthosporium Leaf Spot
RATE/HA A6097 Fungicide alone	250 - 500 mL
RATE/HA Tank Mix partner	+ 83 mL MATADOR Insecticide or 83 mL WARRIOR Insecticide or 175 mL Ripcord
REMARKS	Apply 250 - 500 mL/ha of A6097 Fungicide when disease first appears. Use the 250 mL rate if disease pressure is low. DO NOT apply the tank mix with WARRIOR Insecticide by air.
DISEASES	Eye Spot Grey Leaf Spot
RATE/HA A6097 Fungicide alone	500 mL
RATE/HA Tank Mix partner	+ 83 mL MATADOR Insecticide or 83 mL WARRIOR Insecticide or 175 mL Ripcord
REMARKS	Apply 500 mL of A6097 Fungicide per hectare when disease first appears. DO NOT apply the tank mix with WARRIOR Insecticide by air.

TANK MIX - A6097 FUNGICIDE with QUADRIS Flowable Fungicide

CORN	
CROPS	Field Corn, Sweet Corn (including Seed Production), Popcorn (including Seed Production)
DISEASE	Rust (<i>Puccinia sorghi</i>) Northern Corn Leaf Blight (<i>Setosphaeria turcicum</i>) Southern Corn Leaf Blight (<i>Cochliobolus heterostrophus</i>) Eye Spot (<i>Aureobasidium zeae</i>) Grey Leaf spot (<i>Cercospora zeae-maydis</i>)
PRODUCT RATE (L/ha)	0.5 L/ha of A6097 Fungicide + 0.225 - 0.3 L/ha of QUADRIS Flowable Fungicide
APPLICATION TIMING	Make first application at the first sign of disease, followed by a second application 14 days after the first, if environmental conditions are favourable for disease development. Good spray coverage and canopy penetration are important for best results. Apply in a minimum of 45 L of water per hectare. Use the low rate of QUADRIS under low to moderate disease pressure. Use the high rate of QUADRIS only under conditions of severe disease pressure.
<p>Specific Use Restrictions: A maximum of two applications of QUADRIS Flowable Fungicide and a maximum of two applications of A6097 Fungicide should be applied per season either as a tank mix or as products applied alone. DO NOT apply to field corn and field corn grown for seed after brown silk. DO NOT apply within 30 days (30 day PHI) of harvest for forage. DO NOT apply to sweet corn within 14 days of harvest (14 day PHI).</p> <p>Not all of these cereal crops have been tested for efficacy and phytotoxicity at the recommended label rates and the tank mix of QUADRIS Flowable Fungicide and A6097 Fungicide should be used at the discretion of the user. The tank mix of QUADRIS Flowable Fungicide and A6097 Fungicide may be applied with ground or air equipment.</p> <p>GROUND APPLICATION: Apply specified rates in a minimum of 100 L of water per hectare. AERIAL APPLICATION: Apply specified rates in a minimum of 45 L of water per hectare.</p>	

TANK-MIXING – SEED CORN, FIELD CORN and SWEET CORN:

A6097 Fungicide can be tank-mixed with ONLY ONE of the following partners:

- MATADOR® 120EC Insecticide
- WARRIOR® Insecticide
- Ripcord®

Tank-mixing Precautions:

1. DO NOT APPLY THE TANK MIX WITH WARRIOR INSECTICIDE BY AIR.
2. The tank mix of A6097 Fungicide + MATADOR120EC Insecticide or A6097 Fungicide + Ripcord can be applied by air and ground. Use 40 L of water per hectare when applying by air.
3. Insects and crops must be at the correct stage as specified on the A6097 Fungicide as well as MATADOR 120EC, WARRIOR Insecticide and Ripcord (PCP 15738) labels. Follow the directions for use and precautions on all labels.
4. DO NOT apply within 14 days of harvest (14 day PHI) when using these tank-mixes on field and sweet corn.
5. Compatibility should always be confirmed by premixing small proportional quantities of water, A6097 Fungicide, and the tank-mix partner in advance.

13. RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that A6097 Fungicide contains a Group 3 fungicide. Any fungal population may contain individuals naturally resistant to A6097 Fungicide 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 A6097 Fungicide or other Group 3 fungicides with different groups that control the same pathogens.

Use tank mixtures with fungicide/bactericides from a different group that is effective on the target pathogen when such use is permitted.

Avoid application of more than the maximum number listed in the label and consecutive sprays of A6097 Fungicide or other fungicides in the same group in a season. Use tank mixtures with fungicides from a different group when such use is permitted.

Fungicide/bactericide 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/bactericide applications.

Monitor treated fungal/bacterial populations for resistance development. Notify Syngenta Canada if reduced sensitivity of the pathogen to A6097 Fungicide 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 site of action, 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 or to report suspected resistance, contact company representatives at 1-877-SYNGENTA (1-877-964-3682) or at www.syngenta.ca.