

GROUP

49

4

FUNGICIDE

A21723E

**FUNGICIDE
EMULSIFIABLE CONCENTRATE
COMMERCIAL**

FOR USE ON LABELLED CROPS

GUARANTEE:

Oxathiapiprolin70 g/L
Metalaxyl-M and S-isomer210 g/L

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

**WARNING – EYE IRRITANT
POTENTIAL SKIN SENSITIZER**

REGISTRATION NO.: 32806
PEST CONTROL PRODUCTS ACT

NET CONTENTS: 0.5 L – 1,500 LITRES

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

Label

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.

FIRST AID

IN CASE OF POISONING, 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. 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 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. Treat symptomatically.

PRECAUTIONS

Causes eye irritation. DO NOT get in eyes. Potential skin sensitizer.

KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

Keep unused product in original container tightly closed, locked up and away from food and feed.

Do not enter or allow worker entry into treated areas during the restricted entry interval of 12 hrs.

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.

When applied as a tank-mix combination, read and observe all label directions, including rates, personal protective equipment, restrictions and precautions for each product used in the tank-mix. Always use in accordance with the most restrictive label restrictions and precautions.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Wear coveralls or long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes when mixing, loading and applying or during equipment clean-up or repair. Wear goggles or face-shield during mixing/loading. Chemical-resistant gloves are not required during application within closed cabs.

Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

All users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

All users should wash hands after using A21723E for example before eating, drinking, smoking, using the toilet or using a handheld device.

Apply only when the potential for drift to areas of human habitation or 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.

ENVIRONMENTAL PRECAUTIONS

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

DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, ditches and wetlands), estuaries or marine habitats.

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

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

The active ingredient may be toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland.

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.

The use of this product may result in contamination of groundwater, particularly in areas where soils are permeable (e.g. sandy soil) or the water table is shallow. To reduce runoff from treated areas into aquatic habitats, consider the characteristics and conditions of the site before treatment. Site characteristics and conditions that may lead to runoff include, but are not limited to, heavy rainfall, moderate to steep slope, bare soil, poorly draining soil (e.g. compacted or fine-textured soils such as clay). In order to minimize risk to the environment from the use of this product, do not use on coarse textured gravelly soils, soils with less than 2% organic matter, or in areas where the water table may be high.

Oxathiapiprolin is persistent and may carryover. It is recommended that any products containing oxathiapiprolin not be used in areas treated with this product during the previous season.

STORAGE

Keep in original container, tightly closed, during storage. Store in a cool, dry, well-ventilated area away from feed and foodstuffs, and out of the reach of children and animals. To prevent contamination store this product away from food or feed.

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 cleanup of spills.

CONTAINER DISPOSAL:

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 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.

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

ORONDIS™ is a trademark of a Syngenta Group Company.

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GENERAL INFORMATION

A21723E is active against selective oomycete diseases listed on this label and has preventive and antispore activity. A21723E is locally systemic, translaminar, and moves systemically in the xylem. A21723E must be applied in a regularly scheduled protective spray program in rotation with other fungicides. See directions below for specific crop/disease recommendations.

Do not follow soil applications of A21723E with foliar applications of oxathiapiprolin-containing fungicides. Different application methods (foliar and soil) must not be combined when protecting a crop during a growing season.

Cultivar/Varietal Crop Safety

Not all varieties, cultivars or hybrids of crops, have been individually tested for crop safety. It is not possible to evaluate for crop safety all applications of A21723E on all crops, on all varieties, cultivars, or hybrids of those crops, or under all environmental conditions and growing circumstances. To test for crop safety, apply the product in accordance with the label instructions to a small area of the target crop to ensure that a phytotoxic response will not occur, especially where the application is a new use of the product by the applicator.

General Use Precautions

DO NOT USE IN GREENHOUSES (ALONE OR IN TANK MIXTURES)

FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, AND/OR ILLEGAL RESIDUES.

Unless indicated otherwise in the use directions for specific crops, make no more than two sequential applications of A21723E before alternating with a non-Group 49 and 4 fungicide registered for the same disease.

CROP ROTATION

For all legume crops except succulent peas, a plant-back interval of 180 days is required. All other crops may be planted immediately following the last application.

DIRECTIONS FOR USE

GROUND APPLICATION

It is important to check the physical compatibility of tank mixed pesticide products in a small volume prior to filling the sprayer. Check the compatibility of tank mixes containing A21723E using a jar test with proportionate amounts of mix partners, and water, before mixing in the spray tank.

MIXING INSTRUCTIONS:

1. Ensure that the sprayer interior is clean, then fill the spray tank with $\frac{1}{2}$ the required amount of water and engage gentle agitation. Good agitation is indicated by a rippling or rolling action on the surface of the water.
2. Add any WG or DF formulation mix partners and agitate to ensure complete mixing.
3. Add A21723E and any additional SE or SC formulation mix partners and agitate to ensure complete mixing.
4. Add any EC formulation mix partners and agitate to ensure complete mixing.
5. Fill the tank to $\frac{3}{4}$ the required amount of water.
6. Add any solution (SN or SL) formulation mix partners and agitate to ensure complete mixing.
7. Finish filling the sprayer with water, maintaining good agitation.
8. After any break in spraying operations, agitate thoroughly before spraying again.
9. Spray the pesticide suspension the same day as mixing.
10. Do not mix, load or clean spray equipment where there is a potential to contaminate wells or aquatic systems.

When using chemical handling equipment to fill the sprayer, the following additional recommendations apply:

- WG and DF formulations are preferentially batch mixed.
- SC, SN, and SL formulations may be inducted or batch mixed.
- EC formulations are preferentially batch mixed.

SPRAYER CLEAN-UP:

Before Spraying:

- Prior to using A21723E, ensure that the spray tank, lines and filter are thoroughly clean.

After Spraying:

- Thoroughly clean application equipment immediately after spraying. **DO NOT** allow A21723E residue to dry within the spray tank
- When using tank mixes, consult the tank-mix partner label for additional clean-up instructions.
- The following recommendations are provided:
 1. Drain and flush tank walls, boom and all hoses for ten minutes with a clean water/detergent mixture. Rinse with clean water. **DO NOT** clean the sprayer near desirable vegetation, wells or other water sources.
 2. Remove all nozzles and screens and wash separately.
 3. Dispose of all rinsate in accordance with provincial regulations.

EQUIPMENT SPECIFIC INSTRUCTIONS

For suppression or control of soil borne diseases, as recommended in this label, A21723E must be applied in a manner that ensures the product solution adequately saturates the target crop root/crown zone.

For soil application, apply A21723E using drip application, surface band or directed application, or in-furrow application. IN ALL CASES: If the application method does *not* move the product to the target root/crown disease zone, the application must be followed with irrigation or cultivation to correctly place the product for disease control.

Soil Broadcast Application: **DO NOT** apply during atmospheric conditions of thermal inversion which are characterized by dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply spray droplets which are smaller than the American Society of Agricultural and Biological Engineers fine (classification ASABE Standard S-572.1). Boom height must be 60 cm or less above the crop or ground.

SPRAYING INSTRUCTIONS:

1. **Water Volume:** Apply in a minimum spray volume indicated in the crop and pest specific instructions tabulated below.
2. **Sprayer Agitation:** Use a jet agitator or liquid sparge tube which recirculates 7-10% of the tank per minute. **DO NOT** use an air sparger.
3. **Pump:** Screens should be used to protect the pump and prevent clogging. **DO NOT** place a screen in the recirculation line. Use 50 mesh or *coarser* screens between the pump and boom unless directed otherwise by the sprayer manufacturer.
4. **Spray Nozzles:** Use dedicated soil, flood, or stream type nozzles designed for large carrier volume application. Selected air induction nozzles may also be suitable, if recommended for soil application by the manufacturer. Use 50 mesh nozzle screens or as recommended by the nozzle manufacturer.
5. **Pressure:** As recommended by the nozzle manufacturer to achieve no smaller than ASABE fine sized droplets.
6. Apply at uniform speed and avoid overlapping. Shut off spray boom while starting, turning, slowing or stopping to avoid potential crop injury from over application.

Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in overly 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 shelter-belt) or aquatic habitat.

Surface Band or Directed Application: Apply in a 10-30 cm (4-12 inch) band in a minimum spray volume indicated in the crop and pest specific instructions tabulated below. Follow application with cultivation or irrigation 1.25 - 2.5 cm (0.5 - 1 inch) to move A21723E to the target disease zone.

Application through irrigation equipment (CHEMIGATION): This product MAY ONLY be applied through lower pressure micro sprinklers and surface laid drip irrigation AND ONLY at rates specified on this label. **DO NOT** apply this product through any other type of irrigation system, including permanent sub-surface drip irrigation system (ie drip tape buried beneath more than 15 cm of soil). This product MAY BE applied through surface type drip irrigation tape buried up to 15 cm of soil. **DO NOT** apply A21723E through any irrigation system which is physically connected to a public water system. A21723E may be applied through irrigation systems, which may be **supplied** by a public water system **only if** the water is discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air

gap) between the outlet end of the fill pipe and to top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

The irrigation system **must provide uniform distribution of treated water**. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. The system **must be calibrated to uniformly apply the rates specified**. If you have questions about calibration, contact your equipment manufacturers or distributor. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Dilute A21723E in the solution tank at a ratio of at least 5 parts of water to one part of A21723E. Injecting a larger volume of a more dilute solution will usually allow a more accurate calibration of the metering equipment. Meter the pesticide into the irrigation water during the irrigation cycle.

Operating Instructions for All Labeled Types of Irrigation Systems

1. The system must be calibrated to uniformly apply the rates specified. If you have questions about calibration, contact the equipment manufacturer.
2. The system must contain a functional check-valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must also contain a functional, normally closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
6. The irrigation line or water pump must include a functional pressure switch, which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
7. Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump or Venturi injector), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
8. Do not apply when wind speed favors drift beyond the area intended, except in drip chemigation.
9. The pesticide injection pipeline must be on the downstream (field) side of the system filters to avoid potential pesticide off-site contamination or misapplication as a result of the filter backflushing process.
10. Have a dedicated pesticide injection tank for chemigation purposes rather than tank-mixing pesticides with fertilizers or other non-pesticide chemigation products. This reduces the potential for incompatibility issues which could result in misapplication.
11. Make A21723E injections into the center of the water pipe for a thorough and quick mix. This can be accomplished with an "injection tube" which should contain a check valve.

Specific LOW PRESSURE MICRO SPRINKLERS AND DRIP IRRIGATION Instructions:

A21723E must be applied on the schedule specified in the tabulated crop and pest specific directions for use, not according to the irrigation schedule. The following calibration and application techniques are provided for user reference, but do not constitute a warranty of fitness for application through low-pressure microsprinkler or drip type irrigation equipment. Check with provincial and other applicable regulatory agencies for potential use restrictions before applying any agricultural chemicals through irrigation equipment.

1. Each run of the irrigation system must be calibrated separately to determine the time it takes water to move through the system and to make sure all emitters in the system are putting out the same amount of water.
2. Use only pressure injection or Venturi equipment.
3. Determine the area to be treated in each irrigation run.
4. Measure the output of each of the emitters or drip tubes closest to and farthest from the injection point.
5. For calibration, substitute a concentrated laundry detergent for the A21723E mixture in the injector (solution) tank. It is important to use the same volume of soap solution as the planned volume of A21723E solution when calibrating the system. The detergent will bubble as it leaves the emitters. Check the time period over which the bubbles occur for both the closest and farthest emitters. If these times are not within 2 minutes of each other, adjust the dilution ratio and/or the injection rate.

Step-by-Step Calibration and Application Instructions

1. Before starting to calibrate, operate the system until all of the emitters are putting out at equal flow rates or until the system is operating at full pressure.
2. Make up an indicator solution of detergent, using the same rate of indicator as the planned volume of A21723E to be used in the mix.
3. Set the injector to apply the indicator solution at the injection rate to be used in the actual A21723E application.
4. Attach a 30 cm length of flexible tubing over the emitter closest to the injection point, another 30 cm length over the emitter farthest away. Both emitters should be monitored to determine the time intervals that the indicator solution is observed.
5. Begin injecting the indicator solution. Direct the flow from the flexible tubes into a small container. Begin timing when the indicator solution is first detected. Stop timing when the indicator solutions are no longer detected in the container.
6. If the period of detection of the indicator solution between the near and far emitter is within 2 minutes, comparable coverage will be obtained. If they are not, make adjustments by increasing the dilution ratio, ie using more than a 5:1 ratio of water to A21723E, or adjust the injector to a slower flow rate.
7. Once the system is calibrated, dilute the needed amount of A21723E with water and any other tank mix partners in the injection tank at a minimum dilution of 5 parts water to 1 part A21723E. Follow the directions for mixing and equipment set up in the **Mixing Instructions** section of this label for complete details.
8. Do not begin to inject A21723E into the system until all emitters are producing equal flow rates, or until the system is at full pressure.
9. Inject the A21723E solution into the system at the beginning of the irrigation set in 1.5-2.5 cm of irrigation water.

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

DO NOT apply by air.

Buffer zones:

Use of the following spray methods or equipment DO NOT require a buffer zone: spot treatment, inter-row hooded sprayer, soil drench and soil incorporation, and low pressure micro-sprinklers in irrigation systems.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

Table 1 - Buffer Zone

Method of application	Crop	Buffer Zones (metres) Required for the Protection of Freshwater Habitat of Depths:	
		Less than 1 m	Greater than 1 m
Field sprayer	Ginseng	1	0

For tank mixes, consult the labels of the 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.

The buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pest Management Regulatory Agency web site.

Product Specific Precautions

Follow recommendations provided by local disease monitoring services or provincial spray calendars regarding the appropriate application timing for protectant fungicides in your area. Cultural practices such as canopy management and removal of overwintered plant debris should be integrated with the use of fungicides to reduce disease incidence. Use the higher rate, and the shorter application interval under conditions of heavy infection pressure, on highly susceptible varieties, or when environmental conditions are favourable for disease development.

A21723E treatments should be integrated into an overall disease management strategy that includes selection of varieties with disease tolerance, plant residue management, crop rotation, and proper timing and placement of fertilizer and irrigation. Fungicide applications should begin prior to disease infection and continue throughout the season following a resistance management strategy (see **Resistance Management Recommendations**).

USE DIRECTIONS

Crops	Potatoes
Diseases Suppressed	Pink rot (<i>Phytophthora erythroseptica</i>) Pythium leak (<i>Pythium</i> spp.)
Use rate	9.14 ml/100 m row
Application Timing/Instructions	Apply once as an in-furrow spray in 40 L per hectare of water at planting. Mount spray nozzle so the spray is directed into the furrow as a 15-20 cm band just before the seed is covered.
Minimum recommended application water volume	40 /Lha
Maximum number of applications per season	1
Maximum rate of active ingredients applied	See specific use restrictions below
Re-entry Interval (REI)	12 hours after application
Pre harvest interval (PHI)	Not applicable
Specific Use Restrictions:	
1. Do not follow soil applications of A21723E with foliar applications of oxathiapiprolin-containing fungicides. Use either soil applications or foliar applications, but not both for the control of relevant diseases.	

Crops	Ginseng
Diseases Controlled	Pythium damping off (<i>Pythium</i> spp.) Phytophthora root rot (<i>Phytophthora cactorum</i>)
Use rate (product/ha)	1.5 L/ha (420 g ai/ha)
Application Timing/Instructions	Apply A21723E as a soil broadcast application prior to the emergence of ginseng in the spring. If possible, irrigate the field/treated area prior to application to wet the straw. Time the soil broadcast application of A21723E immediately prior to rainfall to help move A21723E into the root zone. If a minimum 1 cm of rainfall does not occur within an hour after application, the field/treated area should be irrigated overhead.
Minimum recommended application water volume	1000 L/ha
Maximum number of applications per season	1
Maximum rate of active ingredients applied	315 gai/ha of metalaxyl-M and 105 gai/ha of oxathiapiprolin
Re-entry Interval (REI)	12 hours after application
Pre harvest interval (PHI)	Not applicable
Specific Use Restrictions:	
1. Do not follow soil applications of A21723E with foliar applications of oxathiapiprolin-containing fungicides. Use either soil applications or foliar applications, but not both for the control of relevant diseases.	
2. Do not apply products containing metalaxyl or metalaxyl-M and S-isomer within 9 days prior to harvesting ginseng.	

Crops	Cucumbers
Diseases Controlled	Pythium damping off (<i>Pythium</i> spp.) Phytophthora root and crown rot (<i>Phytophthora capsici</i>)
Use rate (product/ha)	1 L/ha (280 g ai/ha)
Application Timing/Instructions	Apply at planting as a banded spray, or through drip irrigation. See specific soil application directions in this label. If A21723E is applied through drip irrigation, the oxathiapiprolin will protect only those roots within 15 cm of the emitter.
Minimum recommended application water volume	200 L/ha (banded spray)
Maximum number of applications per crop cycle	1
Maximum rate of active ingredients applied	210 g ai/ha of metalaxyl-M 70 g ai/ha of oxathiapiprolin
Re-entry Interval (REI)	12 hours after application
Pre harvest interval (PHI)	Not applicable
Specific Use Restrictions:	
1. Do not follow soil applications of A21723E with foliar applications of oxathiapiprolin-containing fungicides. Use either soil applications or foliar applications, but not both for the control of relevant diseases.	

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, A21723E contains a Group 49 and a Group 4 fungicide. Group 49 (oxathiapiprolin) inhibits the oxysterol-binding protein (OSBP). Any fungal population may contain individuals naturally resistant to Group 49 and Group 4 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 this product or other Group 49 or 4 fungicides with different groups that control the same pathogens.

DO NOT apply at rates lower than recommended on the label.

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

Fungicide 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 sign of resistance development.

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.

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 1-87-SYNGENTA (1-877-964-3682) or at www.syngenta.ca.

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