

This label has been updated according to the re-evaluation decision of Difenoconazole RVD2022-05. While users are encouraged to follow this updated label immediately, the previously approved label is valid until 21/04/2024 in accordance with the phase out period set out in the re-evaluation/special review decision of Difenoconazole RVD2022-05. This previously approved label will be provided upon request by emailing hc.pmra.info-arla.sc@canada.ca. In your email please include the product name and Registration number of the label you are requesting.

GROUP	3	FUNGICIDE
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INSPIRE® Fungicide

FUNGICIDE

EMULSIFIABLE CONCENTRATE

COMMERCIAL - AGRICULTURAL

Fungicide for control or suppression of diseases on listed crops.

ACTIVE INGREDIENT:

Difenoconazole 250 g/L

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

WARNING – EYE IRRITANT

REGISTRATION NO.: **30004**
PEST CONTROL PRODUCTS ACT

NET CONTENT: **1 L to 1000 L**

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

Label

1.0 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.

2.0 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. 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.

3.0 TOXICOLOGICAL INFORMATION

There is no specific antidote known. Treat symptomatically. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

4.0 PRECAUTIONS

Causes eye irritation. DO NOT get in eyes. Avoid contact with skin, eyes, or clothing.

KEEP OUT OF REACH OF CHILDREN AND ANIMALS. Keep unused product in original container tightly closed, locked up and away from food.

Restricted Entry Interval (REI): With the exception of Brassica and grapes, **DO NOT** enter or allow worker entry into treated areas until 12 hours after treatment. For Brassica, **DO NOT** enter or allow worker entry into treated areas for 3 days for hand harvesting and irrigation, and **DO NOT** enter or allow worker entry into treated areas for 1 day for scouting. For all other activities in Brassica (e.g. hand weeding), **DO NOT** enter or allow worker entry into the treated areas for 12 hours. For grapes, **DO NOT** enter or allow worker entry into treated areas for 10 days for cane turning and vine girdling. For all other post-application activities in grapes (e.g., training, thinning, hand pruning, tying, and leaf pulling), **DO NOT** enter or allow worker entry into the treated areas for 2 days. Workers shall be given oral warning of the re-entry interval.

Apply only to agricultural crops when the potential for drift to areas of human habitation and human activity, such as houses, cottages, schools and recreation areas, is minimal. 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 outside of Canada and you require information on acceptable residue levels in these countries, please contact Syngenta Canada Inc. at 1-877-SYNGENTA / 1-877-964-3682.

5.0 PERSONAL PROTECTIVE EQUIPMENT (PPE)

During mixing, loading, application, clean-up and repair, wear chemical-resistant gloves, protective eyewear, long-sleeved shirt and long pants and socks and shoes. 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.

Heavily contaminated or drenched clothing and other absorbent materials contaminated with this product should be discarded. Do not reuse them.

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.

Wear freshly laundered clothes daily.

Do not wear contaminated shoes.

Users should wash hands and exposed skin before eating, drinking, chewing gum, using tobacco, applying cosmetics or using the toilet.

6.0 ENVIRONMENTAL PRECAUTIONS

This product contains an active ingredient and aromatic petroleum distillates which are toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE

Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders and mites). Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland.

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

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.

Provincial buffer zones must be observed.

Do not apply this product through any type of irrigation system.

7.0 STORAGE

STORE IN A COOL, DRY PLACE away from food and feed. Do not store food, beverages or tobacco products in storage area.

8.0 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. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

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

For 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.

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

GROUP	3	FUNGICIDE
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INSPIRE® Fungicide

FUNGICIDE

EMULSIFIABLE CONCENTRATE

COMMERCIAL - AGRICULTURAL

Fungicide for control or suppression of listed diseases on Labelled crops

ACTIVE INGREDIENT:

Difenoconazole 250 g/L

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KEEP OUT OF THE REACH OF CHILDREN**

WARNING – EYE IRRITANT

REGISTRATION NO.: **30004**
PEST CONTROL PRODUCTS ACT

Syngenta Canada Inc.
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Pamphlet

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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.

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Heavily contaminated or drenched clothing and other absorbent materials contaminated with this product should be discarded. Do not reuse them.

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.

Wear freshly laundered clothes daily.

Do not wear contaminated shoes.

Users should wash hands and exposed skin before eating, drinking, chewing gum, using tobacco, applying cosmetics or using the toilet.

6.0 ENVIRONMENTAL PRECAUTIONS

This product contains an active ingredient and aromatic petroleum distillates which are toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE

Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders and mites). Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland.

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

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.

Provincial buffer zones must be observed.

Do not apply this product through any type of irrigation system.

7.0 STORAGE

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1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

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

For 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.

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

9.0 PRODUCT INFORMATION

INSPIRE® Fungicide is a broad spectrum fungicide with systemic and curative properties recommended for the control or suppression of many important plant diseases. INSPIRE Fungicide may be applied as a foliar spray in alternating spray programs or in tank mixes with other crop protection products. All applications must be made according to the use directions that follow.

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

10.0 DIRECTIONS FOR USE

10.1 General Information

As this pesticide 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.

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 Syngenta Canada Inc. at 1-87-SYNGENTA / 1-877-964-3682 for information before applying any tank mix that is not specifically recommended on this label.

Syngenta Canada Inc. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) of all potential tank mixes under all environmental conditions or for all crop varieties. Tank mixes that are not specifically listed on this label should be tested on a small area first, under local conditions and using standard practices, to confirm the tank mix is suitable for widespread application.

To determine the physical compatibility of this product with other products, use a jar test.

Always read and follow label directions including WALES mixing order.

10.2 Ground Application

Field sprayer application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply spray droplets smaller than the American Society of Agricultural and Biological Engineers (ASAE S572.1) fine classification. Boom height must be 60 cm or less above the crop or ground.

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 INSPIRE Fungicide using a jar test with proportionate amounts of mix partners, and water, before mixing in the spray tank.

10.2.1 Mixing Instructions

1. Ensure that the sprayer interior is clean, then fill the spray tank with ½ 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 any SE or SC formulation mix partners and agitate to ensure complete mixing.
4. Add INSPIRE Fungicide and agitate to ensure complete mixing, followed by any additional 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.

10.2.2 Spraying Instructions

1. Water Volume: Apply in a minimum spray volume of 150 L/ha OR the volume given in the crop and pest specific instructions tabulated below, whichever is LARGER.
2. Spray Nozzles: 80° or 110° drift reducing flat fan (e.g. those with a pre-orifice or turbulence chamber) or air induction nozzles are recommended. **DO NOT** use flood type nozzles, controlled droplet application equipment, spray foils or hollow cone nozzles.
3. Pressure: As recommended by the nozzle manufacturer to achieve ASABE fine sized droplets.
4. 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.

10.2.3 Equipment Clean-Up

Before Spraying:

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

After Spraying:

- Thoroughly clean application equipment immediately after spraying. **DO NOT** allow INSPIRE Fungicide 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.

10.3 Airblast Application

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.

10.3.1 Spraying Instructions

1. **Water Volume:** Apply in a minimum spray volume of 375 L/ha OR the volume given in the crop and pest specific instructions tabulated below, whichever is LARGER. Water volume should exceed the minimum recommendation at later stages of fruit development.
2. **Spray Quality:** Select nozzles and pressure to achieve ASABE fine sized droplets.
3. **Spray Distribution:** Select nozzles, orient deflectors, and adjust air speed and volume to ensure only the canopy is sprayed. Spray should just reach the top of the target. Account for the shape and canopy density of the target when setting spray distribution.
4. 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.

10.3.2 Equipment Clean-Up

Before Spraying:

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

After Spraying:

- Thoroughly clean application equipment immediately after spraying. **DO NOT** allow INSPIRE Fungicide 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.

10.4 Aerial Application

10.4.1 General Precautions

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 and Biological 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 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. When no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

10.4.2 Ground Crew 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.

All ground crew and the mixer/loaders must wear protective eyewear, chemical resistant gloves, long-sleeved shirt and long pants when mixing/loading, and during clean-up and repair activities. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing field sprayer label.

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.

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 INSPIRE Fungicide using a jar test with proportionate amounts of mix partners, and water, before mixing in the spray tank.

10.4.3 Mixing Instructions

Mixing this product directly in the aircraft hopper **IS NOT** recommended. The use of chemical handling or managing equipment to load the hopper **IS** recommended. This product **MAY BE** inducted into a hopper which is prefilled with water but **SHOULD NOT** be inducted when the product and water are mixed prior to entering the hopper. This product **MAY BE** batch mixed and pumped into the hopper. In all cases the chemical handling equipment and hopper interior must be clean prior to use.

NOTE: WG and DF formulations are preferentially batch mixed.

NOTE: SC, SN, and SL formulations may be inducted or batch mixed.

NOTE: EC formulations are preferentially batch mixed.

It is **NOT** recommended to combine solid (WG or DF) formulations with liquid tank mix partners within a single batch. Batch mix WG or DF formulations first, pump into the hopper, and then add liquid tank mix partners by induction or as an additional batch mix. When tank mixing

multiple products, follow the mixing order outlined below:

1. Pump water into the hopper to at least $\frac{1}{4}$ to $\frac{1}{2}$ of the desired spray volume. Engage hopper circulation, if possible.
2. Thoroughly batch mix any WG or DF formulation mix partners and agitate to ensure complete mixing. Pump into the hopper
3. Induct or thoroughly batch mix any SE or SC formulations.
4. Thoroughly batch mix INSPIRE Fungicide and any EC formulation mix partners. EC formulations may be added to the batch from Step 3, if desired.
5. Induct or thoroughly batch mix any solution (SN or SL) formulation mix partners. SN/SL formulations may be added to the batch from Step 3, if desired.
6. Pump batch mixed SC, EC, and/or SN/SL products into the hopper.
7. Finish filling the hopper with water.
8. If it was not possible to engage hopper agitation in Step 1, do so as soon as possible once airborne.
9. Spray the pesticide suspension the same day as mixing.
10. Do not mix, load or clean equipment where there is a potential to contaminate wells or aquatic systems.

10.4.4 Spraying Instructions

1. Water Volume: Apply in a minimum spray volume of 45 L/ha OR the volume given in the crop and pest specific instructions tabulated below, whichever is LARGER.
2. Spray Nozzles: Use only ASABE medium nozzles rated as delivering droplets of volume median diameter of 300 microns or greater.
3. Pressure or RPM: As recommended by the nozzle or rotary atomizer manufacturer to achieve ASABE medium sized droplets.
4. Ensure hopper agitation is engaged whenever possible during flight.

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.

10.4.5 Equipment Clean-Up

Before Spraying:

- Prior to using INSPIRE Fungicide, ensure that the hopper, chemical handling equipment, lines and filter are thoroughly cleaned.

After Spraying:

- Thoroughly clean application equipment immediately after spraying. **DO NOT** allow INSPIRE Fungicide residue to dry within application equipment.
- 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 application equipment 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.

10.4.6 Pilot Precautions

Read and understand the entire label before using this product. 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. Ensure uniform application and a uniform spray with minimum potential for drift. To avoid streaked, uneven or overlapped application, use appropriate marking technology. GPS based marking is preferred.

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.

10.4.7 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. Application of this specific product must meet and/or conform to the following:

Apply in at least 45 litres of water per hectare.

10.5 Spray Buffer Zones

A spray buffer zone is NOT required for:

- Uses with hand-held application equipment permitted on this label,
- Low-clearance hooded or shielded sprayers that prevent spray contact with crop, fruit or foliage. 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) and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

Method of Application	Crop	Spray Buffer Zones (metres) Required for the Protection of:		
		Freshwater Habitat of Depths		Terrestrial Habitat
		Less than 1 m	Greater than 1 m	
Field Sprayer	Canola and Crop Subgroup 20A	2	1	0
	Brassica (cole) leafy vegetables, bulb vegetables, cucurbit vegetables, fruiting vegetables, artichoke (Chinese, Jerusalem), edible canna, chufa, potato, sweet potato, sugar beets	5	1	1
Airblast	Pome Fruit: Early	20	3	2

	apple, crab apple, Oreintal pear, quince	growth stage			
		Late growth stage	10	2	1
	Grapes (except Concord and some non-vinifera hybrids)	Early growth stage	25	4	3
		Late growth stage	15	2	2
Aerial	Canola	Fixed Wing	10	1	0
		Rotary Wing	5	1	0
	Potato	Fixed Wing	30	1	15
		Rotary Wing	25	1	15

When tank mixes are permitted, 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 spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pesticides portion of the Canada.ca web site. This tool cannot be used to reduce the vegetative filter strips.

10.6 Rotational Crop Restrictions

Do not plant any other crop for a period of 60 days of an INSPIRE Fungicide application to the preceding crop unless INSPIRE Fungicide is registered for that crop.

11.0 CROP USE DIRECTIONS

Apply the higher rate and shorter interval under conditions of high disease pressures.

Make no more than two (2) sequential applications of INSPIRE Fungicide before alternating with another registered fungicide with a different mode of action.

NOT FOR USE IN GREENHOUSES.

When tank mixes are permitted, read and observe all label directions, including rates and restrictions for each product used in the tank mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

11.1 Brassica (Cole) Leafy Vegetables

Crops	Brassica (Cole) Leafy Vegetables Brassica Head and Stem subgroup: Broccoli; Chinese Broccoli (gai lon); Brussels sprouts; Cabbage; Chinese cabbage (napa); Chinese mustard cabbage (gai choy); Cauliflower; Cavalo broccoli; Kohlrabi Leafy Green subgroup: Broccoli raab; Chinese cabbage (bok choy); Collard; Kale; Mizuna; Mustard greens; Mustard spinach; Rape greens Including all cultivars and/or hybrids of these.
Diseases Controlled	Alternaria blight (<i>Alternaria brassicae</i>), Powdery mildew (<i>Erysiphe polygoni</i>)
Rate	364 – 512 mL/ha (91 – 128 g ai/ha) Apply in sufficient water volume to obtain thorough coverage. A minimum spray volume of 150 L/ha is recommended.
Application Timing	Begin applications prior to disease onset when conditions are conducive for disease. Apply INSPIRE Fungicide on a 10 day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.
Restricted Entry Interval (REI)	Hand Harvesting and Irrigation: 3 days Scouting: 1 day For all other activities in Brassica (e.g. hand weeding): 12 hours.
Pre-Harvest Interval (PHI)	3 days
Maximum Amount of Product Per Crop Per Season	2.04 L/ha
Maximum Amount of Active Ingredient Per Crop Per Season	512 g ai/ha
Specific Use Restrictions: 1) DO NOT apply by air.	
Tank Mix Partner	REVUS® Fungicide for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval	3 days
Maximum Number of Applications Per Season	4
Specific Use Restrictions: 1) DO NOT apply by air.	
Crops	Broccoli, Brussels Sprouts, Cabbage and Cauliflower
Tank Mix Partner	BRAVO® 500 or BRAVO 720 Fungicide for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval	7 days
Specific Use Restrictions: 1) Do not exceed the maximum amount of product applied per season as indicated on the INSPIRE Fungicide label. 2) DO NOT apply by air.	

Crops	Broccoli, Brussels Sprouts, Cabbage and Cauliflower
Tank Mix Partner	MATADOR® 120EC for labelled diseases and insect control in the crops indicated above. Refer to INSPIRE Fungicide and MATADOR 120EC labels for diseases and insects controlled, specific application instructions and precautions. Crops and insects must be at the correct stage as specified on the INSPIRE Fungicide and MATADOR 120EC labels.
Pre-Harvest Interval	1 day for cabbage 3 days for broccoli, Brussels sprouts and cauliflower
Maximum Number of Applications Per Season	3
Specific Use Restrictions: 1) DO NOT apply by air.	

11.2 Bulb Vegetables

Crops	Bulb Vegetables Dry bulb: Onions, bulb; Garlic; Garlic, great-headed (elephant); Shallot Green Onion: Green onions; Leek; Welch onion
Diseases Controlled	Purple blotch (<i>Alternaria porri</i>)
Rate	364 – 512 mL/ha (91 – 128 g ai/ha) Apply in sufficient water volume to obtain thorough coverage. A minimum spray volume of 150 L/ha is recommended.
Application Timing	Begin applications prior to disease onset when conditions are conducive for disease. Apply INSPIRE Fungicide on a 7-10 day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action. If disease pressure is high, use the shortest interval.
Application Interval	7 - 10 days
Pre-Harvest Interval (PHI)	7 days
Maximum Amount of Product Per Crop Per Season	Green Onions: 1.53 L/ha Dry Bulb Onions: 2.04 L/ha
Maximum Amount of Active Ingredient Per Crop Per Season	Green Onions: 384 g ai/ha Dry Bulb Onions: 512 g ai/ha
Specific Use Restrictions: 1) DO NOT apply by air.	
Crops	Dry Bulb and Green Onions
Tank Mix Partner	REVUS Fungicide for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval	7 days
Maximum Number of Applications Per Season	Green Onions low rate of INSPIRE Fungicide: 4; Green Onions high rate of INSPIRE Fungicide: 3 Dry Bulb Onions: 4
Specific Use Restrictions: 1) DO NOT apply by air.	

Crops	Onion (Dry Bulb and Green Bunching)
Tank Mix Partner	BRAVO 500 or BRAVO 720 Fungicide for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval	Dry Bulb Onions: 7 days Green Bunching Onions: 14 days
Maximum Number of Applications Per Season	3
Specific Use Restrictions: 1) DO NOT apply by air.	
Crops	Garlic, Great-headed (elephant) Garlic, Leek, Dry Bulb Onion, Green Onion, Welch Onion and Shallot
Tank Mix Partner	MATADOR 120EC for labelled diseases and insect control in the crops indicated above. Refer to INSPIRE Fungicide and MATADOR 120EC labels for diseases and insects controlled, specific application instructions and precautions. Crops and insects must be at the correct stage as specified on the INSPIRE Fungicide and MATADOR 120EC labels.
Pre-Harvest Interval	14 days
Maximum Number of Applications Per Season	3
Specific Use Restrictions: 1) DO NOT apply by air.	

11.3 Cucurbit Vegetables

Crop	Cucurbit Vegetables Chinese waxgourd; Citron melon; Cucumber (field); Gerkin; Gourd, edible; Momordica spp.; Muskmelons (includes cantaloupe); Pumpkin; Squash, summer (includes zucchini); Squash, winter; Watermelon Including cultivars and/or hybrids of these.
Disease Controlled	Powdery mildew (<i>Sphaerotheca fuliginea</i>)
Rate	364 – 512 mL/ha (91 – 128 g ai/ha) Apply in sufficient water volume to obtain thorough coverage. A minimum spray volume of 150 L/ha is recommended.
Disease Suppressed	Gummy stem blight (<i>Didymella bryoniae</i>)
Rate	512 mL/ha (128 g ai/ha) Apply in sufficient water volume to obtain thorough coverage. A minimum spray volume of 190 L/ha is recommended.
Application Timing	Begin applications prior to disease onset when conditions are conducive for disease. Apply INSPIRE Fungicide on a 7-10 day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action. If disease pressure is high, use the shortest interval.
Application Interval	7 - 10 days
Pre-Harvest Interval	0 days
Maximum Amount of Product Per Crop Per Season	2.04 L/ha
Maximum Amount of Active Ingredient Per Crop Per Season	512 g ai/ha
Specific Use Restrictions: 1) DO NOT apply by air.	

Tank Mix Partner	REVUS Fungicide for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval	0 days
Maximum Number of Applications Per Season	4
Specific Use Restrictions: 1) DO NOT apply by air.	
Tank Mix Partner	BRAVO 500 or BRAVO 720 Fungicide for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval	1 day
Specific Use Restrictions: 1) Do not exceed the maximum amount of product applied per season as indicated on the INSPIRE Fungicide label. 2) DO NOT apply by air.	

11.4 Grapes

Crop	Grapes (except Concord and some non-vinifera hybrids. See Precaution under Specific Use Restrictions.)
Diseases Controlled	Powdery mildew (<i>Uncinula necator</i>)
Rate	292 mL/ha (73 g ai/ha) Apply in sufficient water volume to obtain thorough coverage. A minimum spray volume of 150 L/ha is recommended.
Application Timing	Begin at bud break and apply on an 11-21 day interval, making no more than 2 sequential applications before alternating to a fungicide with a different mode of action. Use the shorter interval when conditions are more conducive to high disease pressure.
Application Interval	11 - 21 days
Restricted Entry Interval (REI)	For Cane Turning and Vine Girdling: 10 days For all other post-application activity for grapes (e.g., hand harvesting, training, thinning, hand pruning, tying, and leaf pulling): 2 days
Pre-Harvest Interval (PHI)	7 days
Maximum Amount of Product Per Crop Per Season	2.04 L/ha
Maximum Amount of Active Ingredient Per Crop Per Season	512 g ai/ha
Specific Use Restrictions: 1) PRECAUTION: On Concord, <i>V. labrusca</i>, <i>V. labrusca</i> hybrids, and other non-vinifera hybrids where sensitivity is not known - the use of INSPIRE Fungicide by itself or in tank mixtures with materials that may increase uptake (adjuvants, foliar fertilizers) may result in leaf burning or other phytotoxic effects. 2) DO NOT apply by air.	

Tank Mix Partner	REVUS Fungicide for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval	14 days
Maximum Number of Applications Per Season	4
Specific Use Restrictions: 1) DO NOT apply by air.	
Tank Mix Partner	VANGARD® 75WG for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval	7 days
Maximum Number of Applications Per Season	2
Specific Use Restrictions: 1) DO NOT apply by air.	

11.5 Fruiting Vegetables

Crops	Fruiting Vegetables Eggplant; Groundcherry; Pepino; Pepper (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper); Tomatillo, Tomato
Disease Controlled	Early blight (<i>Alternaria solani</i>)
Rate	292 – 512 mL/ha (73 - 128 g ai/ha) Apply in sufficient water volume to obtain thorough coverage. A minimum spray volume of 150 L/ha is recommended.
Application Timing	Begin applications at first sign of disease or when conditions are conducive for disease development. Apply INSPIRE Fungicide on a 7-14 day schedule. INSPIRE Fungicide can be used a maximum of two consecutive applications before rotating to fungicides with another mode of action that are registered for these diseases. If disease pressure is high, use the highest rate and shortest interval.
Application Interval	7 - 14 days
Disease Controlled	Anthracnose (<i>Colletotrichum coccodes</i> , <i>Colletotrichum acutatum</i>)
Rate	512 mL/ha (128 g ai/ha) Apply in sufficient water volume to obtain thorough coverage. A minimum spray volume of 150 L/ha is recommended.
Application Timing	Begin applications at first sign of disease or when conditions are conducive for disease development. Apply INSPIRE Fungicide on a 7-14 day schedule. INSPIRE Fungicide can be used a maximum of two consecutive applications before rotating to fungicides with another mode of action that are registered for these diseases. If disease pressure is high, use the highest rate and shortest interval.
Application Interval	7 - 14 days
Pre-Harvest Interval (PHI)	0 days
Maximum Amount of Product Per Crop Per Season	2.04 L/ha
Maximum Amount of Active Ingredient Per Crop Per Season	512 g ai/ha
Specific Use Restrictions: 1) DO NOT apply by air.	
Crops	Tomato and Tomatillo

Tank Mix Partner	REVUS Fungicide for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval (PHI)	1 day
Maximum Number of Applications Per Season	4
Specific Restrictions: 1) DO NOT apply by air.	
Crop	Tomato
Tank Mix Partner	BRAVO 500 or BRAVO 720 Fungicide for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval (PHI)	1 day
Maximum Number of Applications Per Season	4
Specific Restrictions: 1) Do not exceed the maximum amount of product applied per season as indicated on the INSPIRE Fungicide label. 2) DO NOT apply by air.	
Crop	Tomato
Tank Mix Partner	MATADOR 120EC for labelled diseases and insect control in tomatoes. Refer to INSPIRE Fungicide and MATADOR 120EC labels for diseases and insects controlled, specific application instructions and precautions. Crops and insects must be at the correct stage as specified on the INSPIRE Fungicide and MATADOR 120EC labels.
Pre-Harvest Interval	7 days
Maximum Number of Applications Per Season	Low Rate MATADOR 120EC (83 mL/ha): 3 High Rate MATADOR 120EC (125 mL/ha): 2
Specific Use Restrictions: 1) DO NOT apply by air.	

11.6 Pome Fruit

Crops	Pome Fruit Apple; Crab apple; Pear; Pear, Oriental; Quince
Diseases Controlled	Brooks fruit spot (<i>Mycosphaerella pomi</i>) Cedar apple rust (<i>Gymnosporangium juniperi-virginianae</i>) Flyspeck (<i>Zygophiala jamacaicensis</i> (Formerly known as <i>Schizothyrium pomi</i>)) Quince rust (<i>Gymnosporangium clavipes</i>) Scab (<i>Venturia inaequalis</i> , <i>Venturia pirina</i>) Sooty blotch (<i>Gloeodes pomigena</i>)
Disease Suppressed	Powdery mildew (<i>Podosphaera leucotricha</i>)
Rate	292 mL/ha (73 g ai/ha) For best results, sufficient water volume must be used to provide thorough coverage. A minimum of 375 L/ha for ground applications is recommended.
Application Timing	Apple Scab - Protective Spray Schedule: Apply every 7-10 days starting at 6-13 mm (¼-½ inch) green tip or when environmental conditions become conducive for scab. Continue through petal fall until the threat of primary scab is complete. For improved fruit scab control, combine INSPIRE Fungicide with a protectant fungicide such as VANGARD 75WG, Dithane™ DG 75 Fungicide, Maestro® 80DF Fungicide, Manzate® Pro-Stick™ Fungicide, Penncozeb® 75DF Fungicide and Supra Captan 80WDG. Apple Scab - Curative Spray Schedule: Use a forecasting system beginning at green tip. Apply within 48 hours of the onset of an infection period. Apply a follow-up spray after 7 days. For improved fruit scab control, combine INSPIRE Fungicide with a protectant fungicide such as VANGARD 75WG, Dithane DG 75 Fungicide, Maestro 80DF Fungicide, Manzate Pro-Stick Fungicide, Penncozeb 75DF Fungicide and Supra Captan 80WDG. Powdery Mildew: Begin applications of INSPIRE Fungicide at the tight cluster stage, and continue on a 7-10 day schedule. Follow INSPIRE Fungicide with other fungicides such as VANGARD 75WG as needed. Cedar-Apple Rust, Quince Rust, and Brooks Fruit Spot: Begin applications preventively. Apply INSPIRE Fungicide alone or in combination with a protectant fungicide such as Maestro 80DF Fungicide, Manzate Pro-Stick Fungicide, Penncozeb 75DF Fungicide and Supra Captan 80WDG on a 7-10 day schedule through the second cover-spray. Sooty Blotch, Flyspeck: For early season control, begin applications preventively. Apply INSPIRE Fungicide alone or in combination with a protectant fungicide such as Maestro 80DF Fungicide and Supra Captan 80WDG on a 7-10 day schedule through the second cover spray. Follow INSPIRE Fungicide with other labelled fungicides as needed.
Application Interval	Apple Scab - Protective Spray Schedule: 7-10 days Apple Scab - Curative Spray Schedule: 7 days Powdery Mildew: 7-10 days Cedar-Apple Rust, Quince Rust, and Brooks Fruit Spot: 7-10 days Sooty Blotch, Flyspeck: 7-10 days
Restricted Entry Interval (REI)	12 hours
Pre-Harvest Interval (PHI)	14 days

Maximum Amount of Product Per Crop Per Season	1.46 L/ha
Maximum Amount of Active Ingredient Per Crop Per Season	365 g ai/ha
Specific Use Restrictions: 1) Resistance Management: To help prevent resistance, it is recommended to make no more than 2 consecutive applications with INSPIRE Fungicide or another Group 3 fungicide or a Group 3 fungicide mixture before alternating to a different mode of action.	
Crops	Apple, Crab apple, Pear and Oriental Pear
Tank Mix Partner	ACTARA® 25WG for labelled diseases and insect control for the crops listed immediately above. Refer to INSPIRE Fungicide and ACTARA 25WG labels for diseases and insects controlled, specific application instructions and precautions. Crops and insects must be at the correct stage as specified on the INSPIRE Fungicide and ACTARA 25WG labels.
Pre-Harvest Interval (PHI)	60 days
Maximum Number of Applications Per Season	Apple: 2 (2 post-bloom or 1 pre-bloom and 1 post-bloom) Pear: 2
Specific Restrictions: 1) DO NOT apply by air.	
Crop	Apples and Pears
Tank Mix Partner	MATADOR 120EC for labelled diseases and insect control in apples and pears. Refer to INSPIRE Fungicide and MATADOR 120EC labels for diseases and insects controlled, specific application instructions and precautions. Crops and insects must be at the correct stage as specified on the INSPIRE Fungicide and MATADOR 120EC labels.
Pre-Harvest Interval (PHI)	14 days
Maximum Number of Applications Per Season	Apples: 3 Pears: 1
Specific Restrictions: 1) DO NOT apply by air.	
Crop	Apples and Pears
Tank Mix Partner	AGRI-MEK® 1.9% EC Insecticide/Miticide for labelled diseases and insect control in apples and pears. Refer to INSPIRE Fungicide and AGRI-MEK 1.9% EC Insecticide/Miticide labels for diseases and insects controlled, specific application instructions and precautions. Crops and insects must be at the correct stage as specified on the INSPIRE Fungicide and AGRI-MEK 1.9% EC Insecticide/Miticide labels.
Pre-Harvest Interval	28 days
Maximum Number of Applications Per Season	Apples: 1 Pears - low rate of AGRI-MEK 1.9% EC Insecicide/Miticide (0.75 L/ha): 2 Pears - high rate of AGRI-MEK 1.9% EC Insecicide/Miticide (1.5 L/ha): 1
Specific Use Restrictions: 1) DO NOT apply by air.	

Crops	Apples
Tank Mix Partner	VANGARD 75WG for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval (PHI)	72 days
Maximum Number of Applications Per Season	5
Specific Restrictions: 1) DO NOT apply by air.	
Crop	Apples
Tank Mix Partner	Dithane DG 75 Fungicide for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval (PHI)	45 days
Maximum Number of Applications Per Season	5
Specific Restrictions: 1) DO NOT apply by air.	
Crop	Apples and Pears
Tank Mix Partner	Maestro 80DF Fungicide for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval	14 days
Maximum Number of Applications Per Season	5
Specific Use Restrictions: 1) DO NOT apply by air.	
Crop	Apples
Tank Mix Partner	Manzate Pro-Stick Fungicide for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval	45 days
Maximum Number of Applications Per Season	5
Specific Use Restrictions: 1) DO NOT apply by air.	
Crop	Apples
Tank Mix Partner	Pencozeb 75DF Fungicide for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval	45 days
Maximum Number of Applications Per Season	5
Specific Use Restrictions: 1) DO NOT apply by air.	

Crop	Apples and Pears
Tank Mix Partner	Supra Captan 80WDG for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval	14 days
Maximum Number of Applications Per Season	5
Specific Use Restrictions: 1) DO NOT apply by air.	

11.7 Artichoke, Chinese; Artichoke, Jerusalem, Canna, edible; Chufa; Potato; Sweet Potato

Crops	Artichoke, Chinese; Artichoke, Jerusalem, Canna, edible; Chufa; Potato; Sweet potato
Disease Controlled	Early blight (<i>Alternaria solani</i>)
Rate	292 – 512 mL/ha (73 – 128 g ai/ha) For best results, sufficient water volume must be used to provide thorough coverage. A minimum of 150 L/ha for all ground applications is recommended. Aerial application for potatoes only. A minimum of 45 L/ha for aerial applications is recommended.
Application Timing	Begin applications at first sign of disease or when conditions are conducive for disease development. Apply INSPIRE Fungicide on a 7-14 day schedule. INSPIRE Fungicide can be used a maximum of 2 consecutive applications before rotating to fungicides with another mode of action that are registered for these diseases. If disease pressure is high, use the highest rate and shortest interval.
Application Interval	7 - 14 days
Pre-Harvest Interval (PHI)	14 days
Maximum Amount of Product Per Crop Per Season	2.04 L/ha
Maximum Amount of Active Ingredient Per Crop Per Season	512 g ai/ha
Specific Use Restrictions: 1) APPLY BY AIR for potatoes only.	
Crops	Potatoes
Tank Mix Partner	REVUS Fungicide for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval (PHI)	14 days
Maximum Number of Applications Per Season	4
Specific Restrictions: 1) DO NOT apply by air.	

Crop	Potatoes
Tank Mix Partner	BRAVO 500 or BRAVO 720 or BRAVO ZN Fungicide for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval (PHI)	14 days
Specific Restrictions:	
1) Do not exceed the maximum amount of product applied per season as indicated on the INSPIRE Fungicide label.	
2) DO NOT apply by air.	
Crop	Potatoes
Tank Mix Partner	Allegro® 500F Agricultural Fungicide for the control of labelled diseases. Follow all appropriate directions, precautions, etc. as specified on both product labels.
Pre-Harvest Interval	14 days
Specific Restrictions:	
1) Do not exceed the maximum amount of product applied per season as indicated on the INSPIRE Fungicide label.	
2) DO NOT apply by air.	
Crops	Potatoes
Tank Mix Partner	AGRI-MEK® 1.9% EC Insecticide/Miticide for labelled diseases and insect control in potatoes. Refer to INSPIRE Fungicide and AGRI-MEK 1.9% EC Insecticide/Miticide labels for diseases and insects controlled, specific application instructions and precautions. Crops and insects must be at the correct stage as specified on the INSPIRE Fungicide and AGRI-MEK 1.9% EC Insecticide/Miticide labels.
Pre-Harvest Interval (PHI)	14 days
Maximum Number of Applications Per Season	2
Crop	Potatoes
Tank Mix Partner	ACTARA 240SC Insecticide for labelled diseases and insect control in potatoes. Refer to INSPIRE Fungicide and ACTARA 240SC Insecticide labels for diseases and insects controlled, specific application instructions and precautions. Crops and insects must be at the correct stage as specified on the INSPIRE Fungicide and ACTARA 240SC Insecticide labels.
Pre-Harvest Interval (PHI)	14 days
Maximum Number of Applications Per Season	2
Crop	Potatoes
Tank Mix Partner	FULFILL® 50WG Insecticide for labelled diseases and insect control in potatoes. Refer to INSPIRE Fungicide and FULFILL 50WG Insecticide labels for diseases and insects controlled, specific application instructions and precautions. Crops and insects must be at the correct stage as specified on the INSPIRE Fungicide and FULFILL 50WG Insecticide labels.
Pre-Harvest Interval	14 days
Maximum Number of Applications Per Season	2

Crop	Potatoes
Tank Mix Partner	MATADOR 120EC for labelled diseases and insect control in potatoes. Refer to INSPIRE Fungicide and MATADOR 120EC labels for diseases and insects controlled, specific application instructions and precautions. Crops and insects must be at the correct stage as specified on the INSPIRE Fungicide and MATADOR 120EC labels.
Pre-Harvest Interval	14 days
Maximum Number of Applications Per Season	Low Rate MATADOR 120EC (83 mL/ha): 3 High Rate MATADOR 120EC (125 mL/ha): 2
Specific Use Restrictions: 1) DO NOT apply by air.	

11.8 Sugar Beets

Crop	Sugar beets
Diseases Controlled	Cercospora leaf spot (<i>Cercospora beticola</i>) Powdery mildew (<i>Erysiphe polygoni</i>)
Rate	292 – 512 mL/ha (73 – 128 g ai/ha) Apply in sufficient water volume to obtain thorough coverage. A minimum spray volume of 150 L/ha is recommended.
Application Timing	Apply INSPIRE Fungicide on a 7-28 day schedule, alternating with a non-triazole fungicide (non-Group 3) that is registered on sugar beets for these diseases. If disease pressure is high, use the highest rate and shortest interval.
Application Interval	7 - 28 days
Pre-Harvest Interval (PHI)	14 days
Maximum Amount of Product Per Crop Per Season	2.04 L/ha
Maximum Amount of Active Ingredient Per Crop Per Season	512 g ai/ha
Specific Use Restrictions: 1) DO NOT apply by air.	

11.9 Crop Subgroup 20A

Crops	Canola and Crop Subgroup 20A Borage, Canola, Crambe, Echium, Flax seed, Gold of pleasure, Hare's ear mustard, Lesquerella, Lunaria, Meadowfoam, Milkweed, Mustard seed, Oil radish, Poppy seed, Rapeseed (canola), Sesame, Sweet rocket and Cultivars and/or hybrids of these
Disease Controlled	Sclerotinia Stem Rot (<i>Sclerotinia sclerotiorum</i>)
Rate	500 mL/ ha (125 g ai/ha) When applying this product at typical herbicide timing it is recommended to use 50-110 L/ha water
Application Timing	Apply one application at 20 – 50% bloom.
Disease Controlled	Virulent Blackleg (<i>Leptosphaeria maculans</i>)
Rate	292 – 500 mL/ha (73 – 125 g ai/ha) When applying this product at typical herbicide timing it is recommended to use 50-110 L/ha water
Application Timing	Apply during the rosette stage between 2nd true leaf and bolting.
Pre-Harvest Interval (PHI)	30 days
Maximum Amount of Product Per Season	0.5 L/ha
Maximum Amount of Active Ingredient Per Season	125 g ai/ha
Specific Use Restrictions:	
1) It is recommended that the product be applied in 110-170 L/ha of water for Sclerotinia	

12.0 RESISTANCE MANAGEMENT RECOMMENDATIONS

INSPIRE Fungicide is in the Group 3 class fungicides. The mode of action of INSPIRE Fungicide is as a demethylation inhibitor of sterol biosynthesis (DMI) which disrupts membrane synthesis by blocking demethylation. Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance development cannot be predicted, use of this product should conform to resistance management strategies established for the crop and use area. INSPIRE Fungicide should not be alternated or tank mixed with any fungicide to which resistance has already developed. For resistance management, do not apply to plants grown for transplanting purposes.

To delay fungicide resistance:

Where possible, rotate the use of INSPIRE Fungicide or other Group 3 fungicides with different groups that control the same pathogens.

Avoid application of more than the maximum number listed in the label and do not apply more than two (2) sequential applications of INSPIRE Fungicide, or other fungicides in the same group, before alternating with another registered fungicide with a different mode of action.

Fungicide use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.

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, 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 disease problems in your area.

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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