

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.ppra.info-arla.sc@canada.ca. In your email please include the product name and Registration number of the label you are requesting.

GROUPS M5 3 FUNGICIDES

BRAVO® TOP
Fungicide

COMMERCIAL - AGRICULTURAL

SUSPENSION CONCENTRATE

ACTIVE INGREDIENTS:

Chlorothalonil500 grams per litre
Difenoconazole 50 grams per litre

Contains 1,2-benzisothiazolin-3-one at 0.01% as a preservative.

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



ALL MIXING AND LOADING MUST BE DONE WITH CLOSED TRANSFER SYSTEMS

REGISTRATION NO. **31537**
PEST CONTROL PRODUCTS ACT

NET CONTENTS: 25 L to Bulk

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. 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.

3.0 TOXICOLOGICAL INFORMATION

Treat symptomatically.

4.0 PRECAUTIONS

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

Harmful if swallowed. May be fatal if inhaled. **DO NOT** inhale/breath sprays. Potential skin sensitizer.

Restricted Entry Interval: **DO NOT** re-enter treated areas within 12 hours except for following activities for crops listed:

Crop	Activity	Restricted Entry Interval (REI) (days)
Carrot	Hand harvesting	22
	Scouting	7
Potato	Handset irrigation	23
	Roguing (seed)	19
	Scouting	3
Onions (dry bulb and green bunching)	Hand weeding	6
	Scouting	1
Cole crops (broccoli, Brussels sprouts, cauliflower)	Topping (Brussels sprouts)	5
	Scouting	5
Cabbage	Scouting, thinning	2
	Hand weeding	1

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

Not for use in greenhouses.

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.

5.0 PERSONAL PROTECTIVE EQUIPMENT (PPE)

ALL MIXING AND LOADING MUST BE DONE WITH CLOSED TRANSFER SYSTEMS.

For more information and recommendation on the closed system set-up, contact Syngenta Canada Inc. at 1-877-964-3682.

Wear coveralls over long pants, and a long-sleeved shirt, chemical resistant gloves and socks and shoes during mixing, loading, clean-up and repair activities. Wear pants, a long-sleeved shirt, chemical resistant gloves, and socks and shoes during application. Gloves are not required during application within a closed cab.

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.

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.

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

6.0 ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic organisms and non-target terrestrial plants. Observe spray buffer zone 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 filter 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

Keep in original container, tightly closed, during storage. Store in a cool, dry, well ventilated area out of the reach of children and animals. Store this product away from food or feed. If frozen, allow to thaw and agitate thoroughly prior to use.

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 cleanup of spills.

For Returnable Containers

Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

For Refillable Containers

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

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

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WARNING



POISON

POTENTIAL SKIN SENSITIZER

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PEST CONTROL PRODUCTS ACT

Syngenta Canada Inc.
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Pamphlet

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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.

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CALL 1-800-327-8633 (FASTMED)

9.0 PRODUCT INFORMATION

BRAVO® TOP Fungicide is a broad-spectrum product containing two fungicides. It has preventative, some systemic and curative properties and is recommended for the control of many important plant diseases. BRAVO TOP provides excellent disease control of many leaf spots and powdery mildews when used according to label directions. Thorough uniform coverage is essential for protection from diseases.

DO NOT combine BRAVO TOP Fungicide in the spray tank with pesticides, surfactants or fertilizers, unless your prior use has shown the combination physically compatible and non-injurious under your conditions of use.

10.0 DIRECTIONS FOR USE

10.1 General Information

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.

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.

DO NOT use on greenhouse-grown agricultural crops.

Dosage rates on this label indicate litres of BRAVO TOP Fungicide per hectare, unless otherwise

stated. Applications should be made in sufficient water to obtain adequate coverage of foliage. Volume of water to be used will vary with crop and amount of plant growth. Spray volume usually will range from 225-1,600 litres per hectare for ground sprays and a minimum of 50litres per hectare for aerial applications. Recommended methods of application include ground-boom and aerial. Please see specific use directions for further information.

10.2 Ground Application

10.2.1 General Precautions

Mixers and loaders must use a closed system.

Wear coveralls over a long-sleeved shirt and long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair.

Applicators treating potato fields must use groundboom equipment with an enclosed cab. Gloves are not required for an application in an enclosed cab. Wear chemical-resistant gloves when leaving the cab for clean-up and repair.

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 and Biological Engineers (ASAE S572.1) fine classification. Boom height must be 60 cm or less above the crop or ground.

10.2.2 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 BRAVO TOP (SC) and agitate to ensure complete mixing.
3. Fill the tank to $\frac{3}{4}$ the required amount of water.
4. Finish filling the sprayer with water, maintaining good agitation, and begin spraying promptly.
5. Spray the entire volume of Bravo Top Fungicide without stopping agitation.
6. Spray the pesticide suspension the same day as mixing.
7. Do not mix, load or clean spray equipment where there is a potential to contaminate wells or aquatic systems.

10.2.3 Spraying Instructions

1. Water Volume: Specific to crop and disease. Consult the following tabulated instructions for use.
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. Use 50 mesh nozzle screens. 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 medium 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. Keep agitation engaged at all times.

10.2.4 Equipment Clean-Up

Before Spraying:

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

After Spraying:

- Thoroughly clean application equipment immediately after spraying. Do not allow BRAVO TOP Fungicide residue to settle or dry within the spray tank.
- 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.

PLAN AHEAD, thorough sprayer cleaning before and after using BRAVO TOP Fungicide are critical to product performance.

10.3 Aerial Application

10.3.1 General Information

Mixers and loaders must use a closed system.

The field crew and the mixer/loaders: Wear coveralls over a long-sleeved shirt and long pants, chemical-resistant gloves, socks and shoes during mixing, loading, clean-up, and repair.

Aerial applicators: Wear a long-sleeved shirt, long pants, socks and shoes during application. Gloves are not required during application within a closed cockpit.

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 rotorspan.

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.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking technology. GPS based marking is recommended.

10.3.2 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 shelter-belt) or aquatic habitat.

10.3.3 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 generic label recommendations on the existing ground boom 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.

10.3.4 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.

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 when wind speed is greater than 16 km/h at flying height at the site of application. **DO NOT** apply spray droplets which are smaller than the American Society of Agricultural and Biological Engineers medium classification (ASABE Standard S-572.1). The nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing or rotor span in order to reduce drift caused by turbulent wingtip vortices.

10.3.5 Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call the manufacturer 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:
Spray Volume for Aerial Application: Apply the recommended rate in a minimum spray volume of 50 litres per hectare.

Refer to ENVIRONMENTAL PRECAUTIONS for additional details.

10.3.6 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 or 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.

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. Induct or thoroughly batch mix BRAVO TOP (SC).
3. Finish filling the hopper with water.
4. If it was not possible to engage hopper agitation in Step 1, do so as soon as possible once airborne.
5. Spray the pesticide suspension the same day as mixing.
6. Do not mix, load or clean equipment where there is a potential to contaminate wells or aquatic systems.

10.3.7 Spraying Instructions

1. Water Volume: Apply in a minimum spray volume of 50 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 or coarse nozzles rated as delivering droplets of volume median diameter of 300 microns or greater.
3. Pressure: As recommended by the nozzle manufacturer to achieve ASABE medium or coarse 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.

10.3.8 Equipment Clean-Up

Before Spraying:

- Prior to using BRAVO TOP 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 BRAVO TOP Fungicide residue to settle or dry within the spray tank.
- 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.

PLAN AHEAD, thorough sprayer cleaning before and after using BRAVO TOP Fungicide are critical to product performance.

10.4 Vegetative Filter Strips

A Vegetative Filter Strip (VFS) of at least 10 metres wide must be constructed and maintained. The VFS is required between the field edge and adjacent, downhill aquatic habitats to reduce risk to aquatic organisms from run-off. Aquatic habitats include, but are not limited to, lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, and estuaries.

The VFS is to be composed of grasses and may also include shrubs, trees, or other vegetation. Additional guidance can be found on the PMRA Environmental Risk Mitigation webpages.

Both VFS and spray drift buffer zones must be observed.

10.5 Spray Buffer Zones

Spray buffer zones are to protect terrestrial and aquatic habitats from spray drift. Spray buffer zones are a separate requirement from VFS which are required to mitigate risks from run-off.

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 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	Buffer Zones (metres) Required for the Protection of:					
		Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		Terrestrial Habitat	
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m		
Field sprayer	Carrot	3	1	3	1	1	
	Broccoli, Brussels sprouts, cabbage, cauliflower, tomato, bulb onion, green onion	4	1	4	2	1	
	Potato	2	1	2	1	1	
Aerial	Potatoes	Fixed wing	70	4	70	20	15
		Rotary wing	55	1	55	15	15

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pesticides portion of the Canada.ca website. This tool cannot be used to reduce the vegetative filter strips.

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.

10.6 Rotational Crop Restrictions

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

11.0 CROP USE DIRECTIONS

Application of any product containing chlorothalonil cannot be made more frequently than the Retreatment Intervals stated below.

11.1 Carrot

Crops	Carrot
Diseases Controlled	Early blight (<i>Cercospora carotae</i>) Late blight (<i>Alternaria dauci</i>)
Rate	2.5 L/ha Use sufficient water to obtain adequate coverage. Apply in 150 L/ha water.
Application Timing	Start applications when disease threatens and repeat at 7-10 day intervals. If disease pressure is high, use the shortest interval.
Application Interval	7-10 days
Pre-Harvest Interval (PHI)	7 days
Maximum Number of Applications per Year	3
Restrictions	BRAVO TOP 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. DO NOT apply by air.

11.2 Potatoes

Crop	Potatoes
Diseases Controlled	Late blight (<i>Phytophthora infestans</i>), early blight (<i>Alternaria solani</i>), botrytis vine rot (<i>Botrytis cinerea</i>),
Rate	1.5-2.4 L/ha Use sufficient water to obtain adequate spray coverage.
Application Timing	Begin applications when plants are 15-20 cm high, or when disease threatens. If disease pressure is high, use the highest rate and shortest interval.
Application Interval	7-10 days
Pre-Harvest Interval (PHI)	14 days
Maximum Number of Applications per Year	3
Restrictions	BRAVO TOP 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.

11.3 Bulb Onion and Green Onion

Crops	Bulb Onion & Green Onion
Disease Controlled	Botrytis leaf blight (<i>Botrytis cinerea</i>)
Rate	2.5 L/ha Use sufficient water to obtain adequate coverage.
Application Timing	Start applications when disease threatens and repeat as necessary to obtain control.
Application Interval	7-10 days
Pre-Harvest Interval	Green Onions: 14 days Dry Bulb Onions: 7 days
Maximum Number of Applications per Year	2
Restrictions	BRAVO TOP 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. DO NOT apply by air.

11.4 Broccoli, Brussels Sprouts, Cauliflower

Crops	Broccoli, Brussels Sprouts, Cauliflower
Diseases Controlled	Alternaria blight (<i>Alternaria brassicae</i>), downy mildew (<i>Peronospora parasitica</i>)
Rate	2.5 L/ha Use sufficient water to obtain adequate coverage. A minimum spray volume of 150 L/ha is recommended.
Application Timing	Begin BRAVO TOP Agricultural Fungicide application after transplants are set in the field (or shortly after emergence of field seeded crop) or when conditions favour disease development.
Pre-Harvest Interval (PHI)	7 days
Maximum Number of Applications per Year	1
Restrictions	DO NOT apply by air.

11.5 Cabbage

Crop	Cabbage
Diseases Controlled	Alternaria blight (<i>Alternaria brassicae</i>), downy mildew (<i>Peronospora parasitica</i>)
Rate	2.5 L/ha Use sufficient water to obtain adequate coverage. A minimum spray volume of 150 L/ha is recommended.
Application Timing	Begin BRAVO TOP Agricultural Fungicide applications after transplants are set in the field (or shortly after emergence of field seeded crop) or when conditions favour disease development.
Application Interval	7-10 days
Pre-Harvest Interval (PHI)	7 days
Maximum Number of Applications per Year	2
Restrictions	BRAVO TOP 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. DO NOT apply by air.

11.6 Tomato

Crop	Tomato (not for processing)
Diseases Controlled	Late blight (<i>Phytophthora infestans</i>), early blight (<i>Alternaria solani</i>), septoria leaf spot (<i>Septoria lycopersici</i>), anthracnose (<i>Colletotrichum coccodes</i>)
Rate	2.4 L/ha Use sufficient water to obtain adequate coverage.
Application Timing	Begin applications when disease threatens and spray as per listed interval.
Application Interval Days	8 days
Pre-Harvest Interval	1 day
Maximum Number of Applications per Year	2
Restrictions	BRAVO TOP 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. DO NOT use on varieties in which the mature tomatoes will be less than 5 cm (such as cherry tomatoes). DO NOT apply by air.

12.0 RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, BRAVO TOP Agricultural Fungicide contains a Group M5 fungicide and Group 3 class Fungicide. Any fungal population may contain individuals naturally resistant to BRAVO TOP Agricultural Fungicide and other Group M5 fungicides or Group 3 class 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 BRAVO TOP Agricultural Fungicide or other Group M5 fungicides or Group 3 class fungicides with different groups that control the same pathogens. Avoid application of more than the maximum number listed in the label and consecutive sprays of BRAVO TOP Agricultural Fungicide or other fungicides in the same group in a season.

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. Notify Syngenta Canada Inc. if reduced sensitivity of pathogen to BRAVO TOP is suspected.

If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, 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 1-877-SYNGENTA (1-877-964-3682) or at www.syngenta.ca.

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