

2023-0882
2023-12-18

Last reviewed:
2023-0104
2023-02-02

CONTAINER LABEL

GROUP	29	FUNGICIDE
--------------	-----------	------------------

Downforce AG

**FUNGICIDE
SUSPENSION**

COMMERCIAL

READ THE LABEL BEFORE USING

ACTIVE INGREDIENT: Fluazinam ... 40%
Contains 1,2-benzisothiazolin-3-one at 0.0193% as a preservative
Contains 500 grams of Fluazinam per litre

**WARNING - SKIN IRRITANT
POTENTIAL SKIN SENSITIZER**

READ THE LABEL AND ATTACHED BROCHURE BEFORE USING

REGISTRATION NO: 34723 PEST CONTROL PRODUCTS ACT

Net Contents: 3.8 to 18.9 litres

Sipcam Agro USA, Inc.
2525 Meridian Parkway, Suite 350
Durham, NC 27713 USA
(919) 226 1195

FIRST AID	
IF SWALLOWED	<ul style="list-style-type: none"> • 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control centre or doctor for treatment advice.
Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.	

TOXICOLOGICAL INFORMATION
Treat symptomatically.

PRECAUTIONS
KEEP OUT OF REACH OF CHILDREN

Causes skin irritation. **DO NOT** get on skin. Potential skin sensitizer. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash exposed areas of skin thoroughly with soap and water after handling. Remove contaminated clothing and wash before re-use.

Personal Protective Equipment (PPE)

Airblast: Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, protective eyewear (goggles or faceshield), socks and chemical-resistant footwear during mixing, loading, application, clean-up and repair. In addition, wear chemical-resistant headgear during open-cab airblast application. Chemical-resistant headgear includes Sou'Wester hat, chemical-resistant rain hat or large-brimmed waterproof hat and hood with sufficient neck protection. Gloves are not required during application within a closed cab.

All other ground equipment: Wear coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, socks and chemical-resistant footwear during mixing, loading, application, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) during mixing, loading, clean-up and repair. Gloves are not required during application within a closed cab. Custom applicators must use groundboom equipment with an enclosed cab.

For application using aerial equipment: Wear a long-sleeved shirt, long pants, chemical-

resistant gloves, socks and shoes. Gloves are not required during application within a closed cockpit.

Restricted-Entry Intervals (REIs): DO NOT enter or allow workers entry into treated areas during the restricted-entry interval of 3 days to perform hand weeding in bulb onions (crop subgroup 3-07A). For all other postapplication activities, **DO NOT** enter or allow workers entry into treated areas during the restricted-entry interval (REI) of 24 hours.

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.

ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones under DIRECTIONS FOR USE.

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

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.

Fluazinam is persistent and may carry over. It is recommended that the product, Downforce AG, containing fluazinam, not be used in areas treated with any products containing fluazinam during the previous season.

STORAGE

Store this product away from food or feed. Store product in original container, in a secured, dry place separate from other pesticides and fertilizer.

DISPOSAL

For recyclable containers:

DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.

2. Make the empty, rinsed container unsuitable for further use.

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

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.

Disposal of unused, unwanted product:

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

BOOKLET LABEL

GROUP	29	FUNGICIDE
-------	----	-----------

Downforce AG

**FUNGICIDE
SUSPENSION**

COMMERCIAL

READ THE LABEL BEFORE USING

ACTIVE INGREDIENT: Fluazinam ... 40%
Contains 1,2-benzisothiazolin-3-one at 0.0193% as a preservative
Contains 500 grams of Fluazinam per litre

**WARNING-SKIN IRRITANT
POTENTIAL SKIN SENSITIZER**

READ THE LABEL AND BROCHURE BEFORE USING

REGISTRATION NO: 34723 PEST CONTROL PRODUCTS ACT

Net Contents: 3.8 to 18.9 litres

Sipcam Agro USA, Inc.
2525 Meridian Parkway, Suite 350
Durham, NC 27713 USA
(919) 226 1195

FIRST AID	
IF SWALLOWED	<ul style="list-style-type: none"> • 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control centre or doctor for treatment advice.
Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.	

TOXICOLOGICAL INFORMATION
Treat symptomatically.

PRECAUTIONS
KEEP OUT OF REACH OF CHILDREN

Causes skin irritation. **DO NOT** get on skin. Potential skin sensitizer. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash exposed areas of skin thoroughly with soap and water after handling. Remove contaminated clothing and wash before re-use.

Personal Protective Equipment (PPE)

Airblast: Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, protective eyewear (goggles or faceshield), socks and chemical-resistant footwear during mixing, loading, application, clean-up and repair. In addition, wear chemical-resistant headgear during open-cab airblast application. Chemical-resistant headgear includes Sou'Wester hat, chemical-resistant rain hat or large-brimmed waterproof hat and hood with sufficient neck protection. Gloves are not required during application within a closed cab.

All other ground equipment: Wear coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, socks and chemical-resistant footwear during mixing, loading, application, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) during mixing, loading, clean-up and repair. Gloves are not required during application within a closed cab. Custom applicators must use groundboom equipment with an enclosed cab.

For application using aerial equipment: Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes. Gloves are not required during application within a closed

cockpit.

Restricted-Entry Intervals (REIs): DO NOT enter or allow workers entry into treated areas during the restricted-entry interval of 3 days to perform hand weeding in bulb onions (crop subgroup 3-07A). For all other postapplication activities, **DO NOT** enter or allow workers entry into treated areas during the restricted-entry interval (REI) of 24 hours.

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.

ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones under DIRECTIONS FOR USE.

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

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.

Fluazinam is persistent and may carry over. It is recommended that the product, Downforce AG, containing fluazinam, not be used in areas treated with any products containing fluazinam during the previous season.

STORAGE

Store this product away from food or feed. Store product in original container, in a secured, dry place separate from other pesticides and fertilizer.

DISPOSAL

For recyclable containers:

DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.

2. Make the empty, rinsed container unsuitable for further use.

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

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.

Disposal of unused, unwanted product:

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS: The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than Sipcam Agro USA, Inc. under the User Requested Minor Use Label Expansion program. For these uses, Sipcam Agro USA, Inc. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

DIRECTIONS FOR USE

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.

Downforce AG can be used effectively in dilute spray. Thorough, uniform coverage is essential for disease control.

NOTE: Slowly invert container several times to assure uniform mixture.

Dosage rates on this label indicate litres of product per hectare, unless otherwise stated. Under conditions which favour disease development the shortest application interval should be used.

The required amount of this product should be added slowly into the spray tank during filling. Keep agitator running when filling spray tank and during spray operations.

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 with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

Airblast application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. **DO NOT** apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

AERIAL APPLICATION

Aerial application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply when wind speed is greater than 16 km/h at flying height at the site of application. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or 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. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

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

Use Precautions

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

Operator Precautions:

- **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 coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks, chemical-resistant footwear and protective eyewear (goggles or face shield) during mixing, loading, clean-up and repair.
- 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.

- Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat.

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.
- Treatments of this product 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**).
- Read and understand the entire label before opening this product. If you have questions, call the manufacturer at (800) 424-9300 or obtain technical advice from the distributor or your provincial agricultural representative.

SPRAY BUFFER ZONES

The spray buffer zones, specified in the table below, are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

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, and soil drench.

Method of application	Crop	Spray Buffer Zones (metres) Required for the Protection of:		
		Freshwater Habitat:	Estuarine/Marine Habitats:	Terrestrial Habitats
Field sprayer	Potato	30	25	1
	Edible-podded legume vegetables (except peas), dry shelled beans (except soybean)	35	25	0
	Soybeans	35	30	0
	Ginseng, dry bulb onions, carrots	35	30	1
	Cantaloupe, field peppers	40	30	1

	Bushberries (Crop Subgroup 13B), cabbage, broccoli and cauliflower		40	35	1
Aerial	Potato	Fixed wing	70	30	15
		Rotary wing	55	25	10
	Edible-podded legume vegetables (except peas), dry shelled beans, soybeans.	Fixed wing	150	60	0
		Rotary wing	125	45	0

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

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

ROTATIONAL CROP RESTRICTIONS

Areas treated with this product may be replanted as indicated in the table below.

Crop	Plantback (days after last application)
Potatoes, Shelled beans	As soon as practical after last application.
Other root crops and leafy vegetables	30
All other crops	70

TANK MIXING

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

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or

increased host crop injury. The user should contact Sipcam Agro USA, Inc. at (800) 424-9300 for information before applying any tank mix that is not specifically recommended on this label.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that this product contains fluazinam, a Group 29 fungicide. Any fungal population may contain individuals naturally resistant to this product and other Group 29 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:

- If more than one application per year is permitted, follow Use Directions regarding the maximum number of sequential applications. Switch to a fungicide with a different mode of action after making the maximum number of consecutive applications of this product or other Group 29 fungicides.
- Use tank mixtures with fungicide 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 resistance development. Notify Sipcam Agro USA, Inc. if reduced sensitivity of the pathogen to this product is suspected.
- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different site of action, if available.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.

INTEGRATED PEST MANAGEMENT

This product is recommended for use as part of an Integrated Pest Management (IPM) program, which may include the use of disease resistant varieties, cultural practices, biological control agents, pest scouting and disease forecasting systems aimed at preventing economic pest damage. Practices known to reduce disease development should be followed. Consult your provincial agricultural authorities for additional IPM strategies established in your area. This product may be used in disease forecasting programs, which recommend application timing based on environmental factors that favour disease development.

CROPS

POTATO

DISEASE CONTROLLED	RATE LITERS OF PRODUCT/HA	APPLICATION TIMING
Late blight (<i>Phytophthora infestans</i>)	0.4	<p>Apply the rate of this product in sufficient water to obtain adequate coverage of foliage. Spray volumes to be used vary with amount of plant growth. Spray volume usually will range from 200 to 600 litres per hectare for ground application. For aerial application, apply in a minimum of 45 litres per hectare.</p> <p>Begin applications when the plants are 15 – 20 cm tall or when conditions favour disease development. Repeat applications at intervals of 7 – 10 days.</p>
White mould (<i>Sclerotinia sclerotiorum</i>)	0.4 – 0.6	<p>Apply the rate of this product in sufficient water to obtain adequate coverage of foliage. Spray volumes to be used vary with amount of plant growth. Spray volume usually will range from 200 to 600 litres per hectare for ground application. For aerial application, apply in a minimum of 45 litres per hectare.</p> <p>Begin applications at full bloom. Repeat applications at intervals of 7 – 10 days.</p> <p>When white mould pressure is low to moderate, use 400 ml. When conditions favour moderate to high white mould pressure, increase the rate to 600 ml.</p>
<p>Restrictions:</p> <ul style="list-style-type: none"> • DO NOT apply more than the maximum yearly use rate of 4.0 litres per hectare. • Make no more than 3 sequential applications of this product before alternating to another fungicide belonging to a different chemical family. • <u>Pre-Harvest Interval (PHI):</u> 14 days. 		

SOYBEANS

DISEASE CONTROLLED OR SUPPRESSED	RATE (LITRES OF PRODUCT/HA)	APPLICATION TIMING
White mould (<i>Sclerotinia sclerotiorum</i>) - control	0.88 – 1.17	Apply the rate of this product in sufficient water to obtain adequate coverage of foliage. Spray volume will range from 100 to 600 litres per hectare (ground application) or a minimum of 45 litres of water per hectare (aerial application).
White mould (<i>Sclerotinia sclerotiorum</i>) - suppression	0.44	Begin ground or aerial applications at the R1 (early bloom) to R2 (full bloom) stage of development and, if needed, again, a second application may be made 10- to 14-days later at early pod formation (R3). As a preventative spray or with conditions favoring low disease pressure, use the low rate. For conditions favoring moderate to high disease development, use the high rate.
<p>Restrictions:</p> <ul style="list-style-type: none"> • Maximum of application per season: 2 • DO NOT apply more than the maximum yearly use rate of 2.34 litres per hectare during each growing season. • Pre-Harvest Interval (PHI): Do not apply after growth stage R3, early pod formation • DO NOT allow livestock to graze treated areas. • DO NOT feed hay from treated fields to livestock. 		

BOK CHOI CHINESE CABBAGE; BROCCOLI; BROCCOLI RAAB; BRUSSELS SPROUTS; CABBAGES; CAULIFLOWER; CAVALO BROCCOLO; CHINESE BROCCOLI; CHINESE MUSTARD CABBAGE; COLLARDS; KALE; KOHLRABI; MIZUNA; MUSTARD GREENS; MUSTARD SPINACH; CHINESE NAPA CABBAGE AND RAPE GREENS

DISEASE CONTROLLED	RATE OF PRODUCT/HA	APPLICATION TIMING
Clubroot (<i>Plasmodiophora brassicae</i>)	Transplant Treatment 50 mL	Mix the rate of this product with 100 L of water. Apply 100 mL of solution per plant immediately after transplanting.
	Pre-Transplant Treatment 2.9 L	Apply the rate of this product in 500 L of water per hectare in a minimum band of 25 cm along the planting row and incorporate to a depth of 15 to 20 cm with a precision incorporator in the same operation. Transplant the seedlings into the treated band. If planting to a bed, a broadcast application could be made prior to forming the bed. DO NOT apply by air.
<p>Restrictions:</p> <ul style="list-style-type: none"> • <u>Maximum of application per year:</u> 1 • <u>Pre-Harvest Interval (PHI):</u> 		

- 65 Days: Head and Stem Brassica subgroup 5A: (Broccoli; Chinese broccoli; Brussels sprouts; cabbages; Chinese Napa cabbage; Chinese mustard cabbage; cauliflower; cavalo broccolo; kohlrabi)
- 30 Days: Leafy Brassica Greens subgroup 5B: (Broccoli raab; Bok choi Chinese cabbage; collards, kale; mizuna; mustard greens; rape greens)

HIGHBUSH, LOWBUSH BLUEBERRY, CURRANT, ELDERBERRY, GOOSEBERRY, HUCKLEBERRY

DISEASE SUPPRESSED	RATE (LITERS OF PRODUCT/HA)	APPLICATION TIMING
Highbush, lowbush blueberry - Mummyberry (<i>Monilia vaccinii-corymbosi</i>), Phomopsis fruit rots (<i>Phomopsis vaccinii</i>) Fruit anthracnose (<i>Colletotrichum gloeosporioides</i> and <i>C. acutatum</i>) Currants, Elderberry, Gooseberry and Huckleberry –Fruit anthracnose (<i>Colletotrichum gloeosporioides</i> and <i>C. acutatum</i>)	2.24	Apply the rate of this product in 300 to 1000 litres of water per hectare. Apply as a foliar spray. Begin applications at bud break and repeat on a 7- to 10-day interval to petal fall. DO NOT apply by air.
Restrictions: <ul style="list-style-type: none"> • <u>Maximum of application per year:</u> 4 • <u>Pre-Harvest Interval (PHI):</u> 30 days. 		

EDIBLE-PODDED LEGUME VEGETABLES (EXCEPT PEA): BEAN (*PHASEOLUS* SPP.) (INCLUDES RUNNER BEAN, SNAP BEAN, WAX BEAN). BEAN (*VIGNA* SPP.) (INCLUDES ASPARAGUS BEAN, CHINESE LONGBEAN, MOTH BEAN, YARDLONG BEAN), JACKBEAN, SOYBEAN (IMMATURE SEED) AND SWORD BEAN

DISEASE CONTROLLED	RATE (LITERS OF PRODUCT/HA)	APPLICATION TIMING
White mold (<i>Sclerotinia sclerotiorum</i>)	0.6 - 1.0	<p>Apply the rate of this product in 300 to 1000 litres of water per hectare (ground application) or a minimum of 45 litres of water per hectare (aerial application).</p> <p>Begin applications when plants are at first bloom to 10% bloom; i.e. when 10% of the plants have at least one open bloom. Make a second application 7 to 10 days later, but no later than when 50% of the plants have at least one open bloom. Under conditions favorable for severe disease development use the higher rate.</p>
<p>Restrictions:</p> <ul style="list-style-type: none"> • <u>Maximum of application per year:</u> 2 • <u>Pre-Harvest Interval (PHI):</u> 14 days. 		

DRY SHELLED BEANS, EXCEPT SOYBEAN

DISEASE CONTROLLED	RATE (LITERS OF PRODUCT/HA)	APPLICATION TIMING
White mold (<i>Sclerotinia sclerotiorum</i>)	0.6 - 1.0	<p>Apply the rate of this product in sufficient water to obtain adequate coverage of foliage. Spray volume usually will range from 200 to 600 litres per hectare (ground application) or a minimum of 45 litres of water per hectare (aerial application).</p> <p>Make the first application at 10 to 30% bloom (e.g. when 10 to 30% of the plants have at least one (1) open bloom). A second application may be applied 7 to 10 days later. Under conditions favorable for severe disease development use the higher rate.</p>
<p>Restrictions:</p> <ul style="list-style-type: none"> • <u>Maximum of application per year:</u> 2 • DO NOT apply more than the maximum seasonal use rate of 2.0 litres per hectare per year. • <u>Pre-Harvest Interval (PHI):</u> 30 days. 		

GINSENG

DISEASE CONTROLLED	RATE (LITERS OF PRODUCT/HA)	APPLICATION TIMING
Rhizoctonia root rot (<i>Rhizoctonia solani</i>), Alternaria blight (<i>Alternaria panax</i>) Botrytis blight (<i>Botrytis cinerea</i>)	1.2	Apply the rate of this product in 100 to 500 litres of water per hectare. For control of Rhizoctonia root rot, begin at seed then continue on a 14-day interval. For control of Alternaria blight and Botrytis blight, begin when the disease first appears or when conditions are favourable for disease development. Subsequent applications may be made on a 7 to 14-day interval. DO NOT apply by air.
Restrictions: <ul style="list-style-type: none">• <u>Maximum of application per year:</u> 4• <u>Pre-Harvest Interval (PHI):</u> 30 days.		

CARROTS

DISEASE CONTROLLED	RATE (LITERS OF PRODUCT/HA)	APPLICATION TIMING
White Mould (<i>Sclerotinia sclerotiorum</i>) Alternaria Leaf Blight (<i>Alternaria dauci</i>)	1.16	Apply the rate of this product in sufficient water to obtain adequate coverage of foliage as a directed band spray over the crop. Spray volume usually will range from 200 to 600 litres per hectare. The first application is to be made preventively or at the first sign of disease symptoms. All subsequent applications are to be applied at 7-day intervals. DO NOT apply by air.
Restrictions: <ul style="list-style-type: none">• <u>Maximum of application per year:</u> 4 (Alternaria leaf blight); 3 (White mould)• <u>Pre-Harvest Interval (PHI):</u> 7 days.		

CANTALOUPE

DISEASE CONTROLLED	RATE (LITERS OF PRODUCT/HA)	APPLICATION TIMING
Downy mildew (<i>Pseudoperonospora cubensis</i>), Gummy stem blight (<i>Dydimella bryoniae</i>) Alternaria leaf spot (<i>Alternaria</i> spp.)	1.75	Apply the rate of this product in 280 to 470 litres of water per hectare. Subsequent applications may be made on a 7-day interval. Make broadcast spray applications, ground applications only, of this product on a preventative basis when runners/vines start to form or earlier at first signs of the disease. DO NOT apply by air.
Restrictions: <ul style="list-style-type: none"> • <u>Maximum of application per year:</u> 6 • Make no more than 3 sequential applications of this product before alternating to another fungicide belonging to a different chemical family. • <u>Pre-Harvest Interval (PHI):</u> 30 days. 		

FIELD PEPPERS

DISEASE SUPPRESSED	RATE (LITERS OF PRODUCT/HA)	APPLICATION TIMING
Phytophthora Blight (<i>Phytophthora capsici</i>)	1.75	Apply the rate of this product in 280 to 560 litres of water per hectare. Applications should begin at transplant. The initial application may be by soil drench or foliar application using ground application equipment only. All subsequent applications should be foliar, spraying the foliage, stem and plant base made at least 7 days apart. DO NOT apply by air.
Restrictions: <ul style="list-style-type: none"> • <u>Maximum of application per year:</u> 6 • Make no more than 3 sequential applications of this product before alternating to another fungicide belonging to a different chemical family. • <u>Pre-Harvest Interval (PHI):</u> 30 days. 		

BULB ONION SUBGROUP (SUBGROUP 3- 07A)

Daylily, bulb; Fritillaria; Garlic, bulb; Garlic, great-headed, bulb; Garlic, serpent, bulb; Lily ;
Onion, bulb; Onion, Chinese, bulb; Onion, pearl; Onion, potato, bulb; Shallot, bulb

DISEASE SUPPRESSED	RATE (LITERS OF PRODUCT/HA)	APPLICATION TIMING
Purple blotch (<i>Alternaria porri</i>) Botrytis leaf blight (<i>Botrytis squamosa</i>)	1.16	Apply the rate of this product in sufficient water volume to ensure thorough coverage of the crop but no less than 100 L per hectare are recommended. Initiate foliar broadcast applications when conditions are favourable for disease development or when first disease symptoms appear. Subsequent applications may be made on a 7 to 10-day interval. DO NOT apply by air.
Restrictions: <ul style="list-style-type: none"> • <u>Maximum of application per year:</u> 5 • Make no more than 3 sequential applications of this product before alternating to another fungicide belonging to a different chemical family. • <u>Pre-Harvest Interval (PHI):</u> 7 days. 		

LOWBUSH BLUEBERRY (For Eastern Canada Only)

DISEASE SUPPRESSED	RATE (LITERS OF PRODUCT/HA)	APPLICATION TIMING
Valdensinia leaf spot (<i>Valdensinia heterodoxa</i>)	0.4 – 0.8	Apply the rate of this product in 300 to 1000 litres of water per hectare. Begin foliar ground only applications at early bloom or at first symptoms in fruiting fields and at an equivalent time in sprout fields. Subsequent applications may be made every 7 to 14 days. Use the shorter interval and higher rate of application when disease pressure is high. Good spray coverage into the canopy is essential for good disease management. DO NOT apply by air.
Restrictions: <ul style="list-style-type: none"> • <u>Maximum of application per year:</u> 4 • <u>Pre-Harvest Interval (PHI):</u> 30 days. 		