

**Allegro 500F Agricultural Fungicide  
SUSPENSION  
COMMERCIAL**

**READ THE LABEL BEFORE USING**

**ACTIVE INGREDIENT:** Fluazinam 40.0%  
Contains 1,2-Benzisothiazolin-3-one at 0.01% as a preservative  
OR  
Contains 2-Bromo-2-nitropropane-1,3-diol at 0.0044%  
and  
5-Chloro-2-methyl-4-isothiazolin-3-one at 0.00042%  
and  
2-Methyl-4-isothiazolin-3-one at 0.00014% as preservatives

Contains 500 grams of Fluazinam per litre



**WARNING-SKIN IRRITANT  
POTENTIAL SKIN SENSITIZER**

REGISTRATION NO: 27517 PEST CONTROL PRODUCTS ACT

Net Contents: 3.8 to 18.9 litres

ISK Biosciences Corporation  
7470 Auburn Road  
Suite A  
Concord, Ohio 44077 U.S.A.  
1-877-706-4640

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

## PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

**DO NOT** get on skin.

**DO NOT** take internally, harmful if swallowed.

Causes skin irritation. Harmful if absorbed through skin. Avoid contact with eyes. 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.

Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes 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. Custom applicators must use ground boom equipment with an enclosed cab. Gloves are not required during application within a closed cab.

For application using mechanically-pressurized handheld equipment, applicators must wear a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides, or a NIOSH-approved canister approved for pesticides.

**DO NOT** apply using handheld mist blower/airblast or handheld fogging equipment.

Avoid breathing spray mist.

Do not enter or allow workers entry into treated areas during the restricted-entry interval (REI) of 24 hours.

Apply only when the potential for drift to areas of human habitation or areas of 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 specified under **DIRECTIONS FOR USE**.

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 this ~~product~~ product not be used in areas treated with any products containing fluazinam during the previous season.

## FIRST AID

**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 a 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 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.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

### **TOXICOLOGICAL INFORMATION**

Treat symptomatically.

### **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 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 regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

## 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.

Allegro 500F Agricultural Fungicide 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 Allegro 500F Agricultural Fungicide per hectare, unless otherwise stated. Under conditions which favour disease development the shortest application interval should be used.

The required amount of Allegro 500F Agricultural Fungicide should be added slowly into the spray tank during filling. Keep agitator running when filling spray tank and during spray operations.

### Rotational Crop Restrictions

Areas treated with Allegro 500F Agricultural Fungicide may be replanted with potatoes and dry shelled beans as soon as practical after the last application. Other root crops and leafy vegetables can be planted 30 days after the last application. All other crops can be planted 70 days after the last application.

### Integrated Pest Management

Allegro 500F Agricultural Fungicide 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. Allegro 500F Agricultural Fungicide may be used in disease forecasting programs, which recommend application timing based on environmental factors that favour disease development.

#### Potato - Application Rate

Crop	Diseases Controlled	Rate/ha	Application Timing
Potatoes	Late blight ( <i>Phytophthora infestans</i> )	0.4 L	Begin applications when the plants are 15 – 20 cm tall or when conditions favour disease development. Repeat applications at intervals of 7 – 10 days. Do not make more than 10 applications.
	White mould ( <i>Sclerotinia sclerotiorum</i> )	0.4 – 0.6 L	Begin applications at full bloom. Repeat applications at intervals of 7 – 10 days. 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. Do not make more than three sequential applications.

**Application instructions:**

- **Method:** Apply Allegro 500F Agricultural Fungicide 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.
- **DO NOT** make more than 3 sequential applications of Allegro 500F Agricultural Fungicide before alternating to a fungicide with a different mode of action. **DO NOT** apply more than the maximum seasonal use rate of 4.0 litres per hectare. **DO NOT** apply within 14 days of harvest.

**Potato - Recommended Application**

Begin applications when the plants are 15 to 20 centimetres tall or when conditions favour disease development. Repeat application at intervals of 7 to 10 days. Apply Allegro 500F Agricultural Fungicide 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. **DO NOT** apply more than the maximum seasonal use rate of 4.0 litres per hectare during each growing season. **DO NOT** apply within 14 days prior to harvest. **DO NOT** make more than 3 sequential applications of Allegro 500F Agricultural Fungicide before alternating to a fungicide with a different mode of action. **DO NOT** apply more than 10 applications per year.

## Soybeans - Application Rate

<b>Crop</b>	<b>Disease Controlled or Suppressed</b>	<b>Rate</b>	<b>Application timing</b>
Soybeans	White mould ( <i>Sclerotinia sclerotiorum</i> ) - control	0.88 – 1.17 L of product/ha	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 L of product/ha	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).

#### **Application instructions:**

- **Method:** Field sprayer and aerial 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.
- **Maximum of 2 applications per year.** **DO NOT** apply more than the maximum seasonal use rate of 2.34 litres per hectare during each growing season.
- **Re-application Interval:** 10 to 14 days.
- **Timing:** Begin applications at the R1 (early bloom) to R2 (full bloom) stage of development and, if needed, again 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 high rate. Apply Allegro 500F Agricultural Fungicide in sufficient water to obtain adequate coverage of foliage.
- **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.

#### **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 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. 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.

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 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.

### Product Specific Precautions

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

Volume: Apply the recommended rate in a minimum spray volume of 45 litres per hectare.

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.

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

### 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,
- soil drench or soil incorporation.

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.

		Spray Buffer Zones (metres) Required for the Protection of:
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Method of application	Crop		Freshwater Habitat:	Estuarine/Marine Habitat:	Terrestrial Habitat
Field sprayer	Potato		30	25	1
	Edible-podded legume vegetables (except peas), dry shelled beans (except soybean), grapes		35	25	0
	Soybeans		35	30	0
	Ginseng, bulb onion Crop Subgroup (3-07A), carrots		35	30	1
	Cucurbit vegetables (Crop Group 9), field peppers		40	30	1
	Highbush and lowbush blueberry, currant, elderberry, gooseberry, huckleberry		40	35	1
Airblast sprayer	Apples		45	40	1
	Grapes (except table grapes)	Early season	45	40	1
		Late season	35	30	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

For tank mixes, 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.

**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 ISK Biosciences under the User Requested Minor Use Label Expansion program. For these uses, ISK Biosciences 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:



Crop	Disease Controlled	Rate of application and spray volume
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	Clubroot ( <i>Plasmodiophora brassicae</i> )	<p><u>Transplant treatment:</u> Mix 50 mL of Allegro 500F Agricultural Fungicide with water to make a 100 L solution. Apply 100 mL of solution per plant immediately after transplanting.</p> <p><u>Pre-transplant treatment:</u> Apply Allegro 500F Agricultural Fungicide at a rate of 2.9 L 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. <b>DO NOT APPLY BY AIR</b></p>
<p><b>Application instructions:</b></p> <ul style="list-style-type: none"> <li>• <u>Maximum of 1 application per season.</u></li> <li>• <u>Pre-Harvest Interval (PHI):</u> <ul style="list-style-type: none"> <li>○ <b>Head and Stem Brassica Crop Subgroup 5A:</b> (Broccoli; Chinese broccoli; Brussels sprouts; cabbages; Chinese Napa cabbage; Chinese mustard cabbage; cauliflower; cavalo broccolo; kohlrabi) - <b>65 days</b></li> <li>○ <b>Leafy Brassica Greens Crop Subgroup 5B:</b> (Broccoli raab; Bok choi Chinese cabbage; collards, kale; mizuna; mustard greens; rape greens) - <b>30 days</b></li> </ul> </li> </ul>		

Crop	Diseases Suppressed	Rate of application and spray volume
Highbush, lowbush blueberry, currant, elderberry, gooseberry, huckleberry	<p>Highbush, lowbush blueberry - Mummyberry (<i>Monilinia vaccinii-corymbosi</i>), Phomopsis fruit rots (<i>Phomopsis vaccinii</i>) and fruit anthracnose (<i>Colletotrichum gloeosporioides</i> and <i>C. acutatum</i>)</p> <p>Currants, Elderberry, Gooseberry and Huckleberry –Fruit anthracnose (<i>Colletotrichum gloeosporioides</i> and <i>C. acutatum</i>)</p>	<p>2.24 litres per hectare in 300 to 1000 litres of water per hectare. Apply Allegro 500F Agricultural Fungicide as a foliar spray. <b>DO NOT APPLY BY AIR</b></p>
<p><b>Application instructions:</b></p> <ul style="list-style-type: none"> <li>• <u>Maximum of 2 applications per season.</u></li> <li>• <u>Re-application Interval:</u> 7 to 10 days.</li> <li>• <u>Timing:</u> Begin applications at bud break and repeat on a 7 to 10 day interval to petal fall.</li> <li>• <u>Pre-Harvest Interval (PHI):</u> 30 days.</li> </ul>		

Crop	Disease	Rate of application and spray volume
Wine grapes	Control of dead arm ( <i>Phomopsis viticola</i> )	1.0 L product per ha (500 g fluazinam per ha) Spray volume: minimum of 300 litres of water per hectare. <b>DO NOT APPLY BY AIR</b>
Grapes (except table grapes)	Suppression of Anthracnose ( <i>Elsinoe ampelina</i> )	1.2 L product per ha Spray volume: minimum of 300 litres of water per hectare. <b>DO NOT APPLY BY AIR</b>

**Application instructions - control of dead arm**

- Method of application: Foliar, broadcast.
- Use on grape cultivars intended for wine production only.
- Maximum of 2 applications per year.
- Re-application Interval: 7 to 14 days.
- If disease pressure is high, use the shortest interval.
- Timing: The first application is to be made preventively at bud burst stage.
- Pre-Harvest Interval (PHI): 21 days.

**Application instructions - suppression of Anthracnose**

- Method of application: Foliar, broadcast.
- Use on grape cultivars intended for wine production only.
- Maximum of 4 applications per year. Not more than 3 consecutive.
- Re-application Interval: 7 to 14 days.
- If disease pressure is high, use the shortest interval.
- Timing: The first application is to be made preventively before the onset of the disease at pre-bloom when shoots are 2-5 cm long or earlier at first signs of anthracnose symptoms. Repeat applications as needed on a 7-14 day interval. Use shorter intervals when disease pressure is expected to be high under favourable conditions and during rapid crop growth and longer interval when disease pressure is expected to be low.
- Pre-Harvest Interval (PHI): 21 days.

**DO NOT** enter or allow worker entry into treated areas during the restricted-entry intervals (REIs) specified in the following table:

Post-application activities	Restricted-entry interval
Tying/training, leaf pulling by hand	9 days
Hand-set irrigation	2 days
All other activities	12 hours

Crop	Disease Controlled	Rate of application and spray volume
Edible-podded legume vegetables (except pea): Bean ( <i>Phaseolus</i> spp.) (includes runner bean, snap bean, wax bean). Bean ( <i>Vigna</i> spp.) (includes asparagus bean, Chinese longbean, moth bean, yardlong bean), jackbean, soybean (immature seed) and sword bean	White mold ( <i>Sclerotinia sclerotiorum</i> )	0.6 - 1.0 litres per hectare in 300 to 1000 litres of water per hectare (ground application) or a minimum of 45 litres of water per hectare (aerial application). Apply Allegro 500F Agricultural Fungicide as a foliar spray.

**Application instructions:**

- Maximum of 2 applications per year.
- Re-application Interval: 7 to 10 days.
- Timing: For control of white mold, 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.
- Pre-Harvest Interval (PHI): 14 days.

Crop	Diseases Controlled	Rate of application and spray volume
Dry Shelled Beans, except soybean	White mold ( <i>Sclerotinia sclerotiorum</i> ), Anthracnose ( <i>Colletotrichum lindemuthianum</i> )	0.6 - 1.0 L of product /ha Apply Allegro 500F Agricultural Fungicide 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).

**Application instructions:**

- Maximum of 2 applications per year. **DO NOT** apply more than the maximum seasonal use rate of 2.0 litres per hectare during each growing season.
- Re-application Interval: 7 to 10 days for White mold, 10 to 14 days for Anthracnose.
- Timing: For control of white mold 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). If needed, a second application may be applied 7 to 10 days later. Under conditions favorable for severe disease development use the higher rate.  
For control of Anthracnose make first application at 10-30% bloom (e.g. when 10 to 30% of the plants have at least (1) open bloom). If needed, a second application may be applied 10 to 14 days later. Under conditions favourable for severe disease development use higher rate.
- Pre-Harvest Interval (PHI): 30 days.

Crop	Diseases Controlled	Rate of application and spray volume
Ginseng	Rhizoctonia root rot ( <i>Rhizoctonia solani</i> ), Alternaria blight ( <i>Alternaria panax</i> ) and Botrytis blight ( <i>Botrytis cinerea</i> )	1.2 litres per hectare in 100 to 500 litres of water per hectare. <b>DO NOT APPLY BY AIR.</b>

**Application instructions:**

- Maximum of 4 applications per year.
- Re-application Interval: 7 to 14 days.
- Timing: 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. Repeat applications as needed on a 7 to 14-day interval.
- Pre-Harvest Interval (PHI): 30 days.

Crop	Diseases Controlled	Rate of application and spray volume
Carrot	White mould ( <i>Sclerotinia sclerotiorum</i> ) Alternaria leaf blight ( <i>Alternaria dauci</i> )	1.16 L of product/ha Apply Allegro 500F Agricultural Fungicide 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. <b>DO NOT APPLY BY AIR</b>

**Application instructions:**

- 4 applications per year for control of Alternaria leaf blight. 3 application per year for control of white mould, unless a rotational product for control of the disease is registered.
- Re-application Interval: 7 days.
- Timing: 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.
- Pre-Harvest Interval (PHI): 7 days.

Crop	Diseases Controlled or Suppressed	Rate of application and spray volume
Apple	<b>For Control of:</b> Apple Scab ( <i>Venturia inaequalis</i> ) Flyspeck ( <i>Schizothyrium pomi</i> ) Sooty blotch ( <i>Gloeodes pomigena</i> )	0.5 to 1.0 L of product/ha Spray volume: minimum of 1000 litres per hectare. <b>DO NOT APPLY BY AIR</b>
	<b>For Control of:</b> Cedar apple rust ( <i>Gymnosporangium juniperi-virginianae</i> ) Bitter rot ( <i>Colletotrichum cingulata</i> ) Alternaria blotch ( <i>Alternaria mali</i> )  <b>For Suppression of MITES:</b> Two-spotted spider mite ( <i>Tetranychus urticae</i> ) European red mite ( <i>Panonychus ulmi</i> ) Apple rust mite ( <i>Aculus schlechtendali</i> )	0.75 to 1.0 L of product/ha Spray volume: minimum of 1000 litres per hectare. <b>DO NOT APPLY BY AIR</b>
	<b>For Suppression of:</b> Black rot ( <i>Botryosphaeria obtusa</i> ) Brooks spot ( <i>Mycosphaerella pomi</i> ) Quince rust ( <i>Gymnosporangium clavipes</i> )	1.0 L of product/ha Spray volume: minimum of 1000 litres per hectare. <b>DO NOT APPLY BY AIR</b>

**Application instructions:**

- Method of application: Foliar.
- Maximum of 5 applications per year. No more than 3 sequential applications of Allegro 500F before alternating to another fungicide belonging to a different chemical family.
- Re-application Interval: 7 to 14 days.
- Timing: Allegro 500F should be applied as a broadcast spray on a preventative basis. For apple scab control, begin applications at green tip or when conditions are favorable for primary scab development. All subsequent applications are to be made at 7 to 14-day intervals. The higher rate and shortest intervals should be used for more susceptible varieties and/or heavy disease pressure.
  - For control of flyspeck and sooty blotch, begin applications before disease occurs and continue on a 7- to 14-day schedule. Use the higher rate and shorter interval when disease pressure is high.
  - For control of bitter rot and alternaria blotch begin applications before disease occurs, continue on a 7- to 10-day schedule and shorten application intervals when disease pressure is high.
  - For suppression of Black rot and Brooks spot, begin applications before disease occurs, continue on a 7-day schedule. When Allegro 500F is used as a cover spray, initiate the applications at petal fall and continue applications on a 7-day schedule to within 28 days of harvest.
  - For diseases and mites that are only suppressed, use the high rate of 1.0 L/ha and make applications on a 7-day interval.
- Pre-Harvest Interval (PHI): 28 days.
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Crop	Diseases controlled or suppressed	Rate of application and spray volume
Field-grown Cucurbit Vegetables (Crop Group 9) (Chayote (fruit), Chinese waxgourd, Citron melon, Cucumber, Gherkin, Gourd, Momordica spp., Muskmelon, Pumpkin, Squash, summer, Squash, winter, Watermelon)	<p><b>For suppression or control of:</b> Downy mildew (<i>Pseudoperonospora cubensis</i>), Gummy stem blight (<i>Didymella bryoniae</i>)</p> <p><b>For control of:</b> Alternaria leaf spot (<i>Alternaria</i> spp.)</p>	<p><b>Downy mildew and gummy stem blight:</b> 0.875-1.75 L product/ha (suppression at the low rate and control at the high rate).</p> <p><b>Alternaria leaf spot:</b> 0.875-1.75 L product/ha</p> <p>Use the higher application rate under conditions that are conducive to high disease pressure.</p> <p>Spray volume: 280 to 470 litres of water per hectare.</p> <p><b>DO NOT APPLY BY AIR</b></p>

**Application instructions:**

- Method of application: Foliar broadcast spray, ground application only.
- Maximum of 3 applications per year. No more than 2 sequential applications of Allegro 500F before alternating to another fungicide belonging to a different chemical family.
- Re-application Interval: 7 days.
- Timing: Allegro 500F should be applied as a broadcast spray on a preventative basis when runners/vines start to form or earlier at first signs of the disease.
- Pre-Harvest Interval (PHI): 30 days.

Crop	Disease Suppressed	Rate of application and spray volume
Field Peppers	Phytophthora Blight ( <i>Phytophthora capsici</i> )	1.75 L of product/ha (875 g fluazinam per ha) Spray volume: 280 to 560 litres of water per hectare. <b>DO NOT APPLY BY AIR</b>

**Application instructions:**

- Method of application: Soil drench and/or Foliar, broadcast, ground application only.
- Maximum of 3 applications per year. No more than 3 sequential applications of Allegro 500F before alternating to another fungicide belonging to a different chemical family.
- Re-application Interval: 7 days.
- Timing: Applications should begin at transplant. The initial application may be by soil drench or foliar application. All subsequent applications should be foliar, spraying the foliage, stem and plant base.
- Pre-Harvest Interval (PHI): 30 days.

Crop	Disease Suppressed	Rate of application and spray volume
Bulb onion (Crop Subgroup 3-07A)	Purple blotch ( <i>Alternaria porri</i> ); Botrytis leaf blight ( <i>Botrytis squamosa</i> )	1.16 litres per hectare (584 grams fluazinam per hectare). Spray volume: Use a sufficient water volume to ensure thorough coverage of the crop but no less than 100 L per hectare are recommended. <b>DO NOT APPLY BY AIR</b>

**Application instructions:**

- Method of application: Foliar, broadcast.
- Maximum of 5 applications per year. No more than 3 sequential applications of Allegro 500F before alternating to another fungicide belonging to a different chemical family.
- Re-application Interval: 7 to 10 days.
- Timing: Initiate applications when conditions are favourable for disease development or when first disease symptoms appear.
- Pre-Harvest Interval (PHI): 7 days.
- Restricted Entry Interval (REI): DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 3 days for hand weeding.

For use in Eastern Canada only		
Crop	Disease Suppressed	Rate of application and spray volume
Lowbush blueberry	Valdensinia leaf spot ( <i>Valdensinia heterodoxa</i> )	0.4 to 0.8 litres per hectare in 300 to 1000 litres of water per hectare. Apply Allegro 500F Agricultural Fungicide as a foliar spray, ground application only.
<b>Application instructions:</b> <ul style="list-style-type: none"> <li>• <u>Maximum of 4 applications per season.</u></li> <li>• <u>Re-application Interval:</u> 7 to 14 days.</li> <li>• <u>Timing:</u> Begin applications at early bloom or at first symptoms in fruiting fields and at an equivalent time in sprout fields. 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.</li> <li>• <u>Pre-Harvest Interval (PHI):</u> 30 days.</li> </ul>		

### Resistance Management Recommendations

For resistance management, please note that Allegro 500F Agricultural Fungicide 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:

For resistance management, please note that Allegro 500F Agricultural Fungicide contains a Group 29 fungicide which is considered to have a low risk of resistance development. However, as a general principle, it is recommended not to rely exclusively on the same product for pest control. To prolong effectiveness of this product, the following resistance management strategies should be followed:

- 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 sprays of Allegro 500F Agricultural Fungicide 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 ISK Biosciences Corporation if reduced sensitivity of the pathogen to Allegro 500F is suspected.

- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different site of action, if available.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information and to report suspected resistance, contact company representatives at 1-877-SYNGENTA (1-877-964-3682) or at [www.syngenta.ca](http://www.syngenta.ca).

#### 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.

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