

2020-1415
2021-01-12

GROUP	M04	FUNGICIDE
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FOLPAN 50 WP

FUNGICIDE COMMERCIAL

A wettable powder fungicide for the control of a number of fungus diseases on certain fruit, vegetable, ornamental and other crops.

REGISTRATION No. 15654 PEST CONTROL PRODUCTS ACT

ACTIVE INGREDIENT: Folpet 50% a.e.

KEEP OUT OF THE REACH OF CHILDREN

READ THE LABEL BEFORE USING

WARNING

POISON

WARNING: POISON, EYE-IRRITANT & SKIN IRRITANT. POTENTIAL SKIN SENSITIZER

Store in cool, dry place – Protect from excessive heat.

WARNING: Directions for use and cautionary statements should be carefully followed.

NET CONTENTS 10 kg

ADAMA Agricultural Solutions Canada Ltd.

300 – 191 Lombard Avenue Winnipeg, MB

R3B 0X1

855-264-6262

**For emergency medical help and health/safety inquires call ProPharma at
1-877-250-9291 (24 hours a day)**

For spill, leak or fire call INFOTRAC at 1-800-535-5053 (24 hours a day)

GENERAL DIRECTIONS:

Folpan 50 WP Fungicide is a wettable powder fungicide which when applied as directed, can be used to control the listed diseases on the labelled crops. Use only on crops listed on this label.

CAUTION:

Check compatibilities of combination before making tank mixes unless previous use of the materials being combined has been proven to be physically compatible. Fungicidal activity is reduced if combined with strongly alkaline materials such as hydrated lime. This material should not be used in combination with or closely following an oil spray.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. Store in a cool, dry, ventilated place, away from feeds and foods. Keep away from heat, fire and sparks.

May irritate eyes, nose, throat, and skin. May cause skin irritation or sensitization; avoid repeated skin contact. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling and before eating, drinking, or smoking. Wash contaminated clothing with soap and hot water before reuse. Avoid breathing dust or spray mist. Do not contaminate food or feed. Do not contaminate any body of water.

During mixing, loading, application, clean-up and repair, wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes, and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH-approved canister approved for pesticides.

When applying using mechanically-pressurized handgun, also wear coveralls.

When applying using airblast equipment, use a closed cab. A closed cab must have both a physical barrier and respiratory protection (i.e. dust/mist filtering and/or vapour/gas purification system). The closed cab must have a chemical-resistant barrier that totally surrounds the occupant and prevents contact with pesticides outside the cab. Respirators, and chemical-resistant gloves are not required during application within the closed cab.

When applying using groundboom application equipment, **DO NOT** handle more than 40 kg product per person per day. These restrictions are in place to minimize exposure to individual applicators. Application may need to be performed over multiple days or using multiple applicators.

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

Crop		Post-Application Activity	REI/PHI
Grape		Hand harvesting, training/tying, leaf pulling by hand	3 days
		Mechanical harvesting	1 day
		Hand turning and girdling (table/raisin grapes only)	35 days
		All other activities	12 hours
Cucumber (outdoor), pumpkin, melon, squash		Hand harvesting, mechanically-assisted harvesting, training, tying, turning	11 days
		Hand set/ hand line irrigation related activities involving foliar contact	22 days
		All other activities	12 hours
Tomato- for processing (outdoor)		Mechanical harvesting	1 day
		Scouting	2 days
		Hand set/ hand line irrigation related activities involving foliar contact	22 days
		All other activities	12 hours
Tomato- not for processing (outdoor)		Hand harvesting, training, tying	16 days
		Mechanical harvesting, scouting	1 day
		Hand set/ hand line irrigation related activities involving foliar contact	22 days
		All other activities	12 hours
Strawberry (outdoor)		Hand harvesting	11 days
		Mechanical Harvesting	1
		All other activities	12 hours
Ornamentals* grown for cut flower production			
Carnation, zinnias, snapdragon, rose, aster, china aster, phlox, chrysanthemum, iris	Greenhouse	Hand harvesting, hand pruning, disbudding	48 days
		All other activities	12 hours
Carnation, zinnias, snapdragon, rose, aster, china aster, phlox, chrysanthemum, iris	Outdoor	Hand harvesting, hand pruning, disbudding	16 days
		Hand set/ hand line irrigation related activities involving foliar contact	8 days
		All other activities	12 hours
Ornamentals* NOT grown for cut flower production			
Poinsettia	Greenhouse	All activities	12 hours
Carnations, marigold, zinnias, snapdragon, roses, asters, china asters, phlox, chrysanthemums, iris	Greenhouse, outdoor	Hand set/ hand line irrigation related activities involving foliar contact	13 days
		All other activities	12 hours

*Only for use on ornamental specified on this label
REI = restricted entry interval' PHI = pre-harvest interval

FIRST AID:

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 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. **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.

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

TOXICOLOGICAL INFORMATION: Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS

Toxic to small wild mammals and aquatic organisms. Observe 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 strip between the treated area and the edge of the water body.

RESISTANCE MANAGEMENT RECOMMENDATIONS:

For resistance management, please note that Folpan 50 WP Fungicide contains a Group M04 fungicide. Any fungal population may contain individuals naturally resistant to Folpan 50 WP Fungicide and other Group M04 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 Folpan 50 WP Fungicide or other Group M04 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group when such use is permitted.
- Fungicide use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.
- Monitor treated fungal populations for resistance development.
- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product and switch to another fungicide with a different target site of action, if available.

- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.

For further information and to report suspected resistance, contact ADAMA Agricultural Solutions Canada Ltd. at 1-855-264-6262 or adama.com/Canada

DIRECTIONS FOR USE:

Fill spray tank nearly full and pour recommended amount of Folpan on surface of water. Fungicide can be premixed in a bucket half filled with water. Mix can be poured through screen into nearly filled spray tank. Finish filling tank. Keep agitator running during filling and spraying. Do not allow solution to stand without agitation. Do not use in low volume gear-type application equipment.

DO NOT apply this product by chemigation or through any type of irrigation system.

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.

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.

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.

DO NOT apply using aerial application equipment

Crop Rotation:

A rotational plantback interval of 12 months for crops not listed on the label.

Buffer zones:

Spot treatments using hand-held equipment **DO NOT** require a buffer zone.

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

Method of application	Crop	Buffer Zones (metres) Required for the Protection of:				
		Freshwater Habitat of Depths:		Estuarine/Marine Habitat of Depths:		
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer (groundboom)	Cucumber, melon, pumpkin, squash, processed and non-processed tomato	40	5	3	2	
	Strawberry, rose, aster, China aster, phlox, chrysanthemum, carnation, iris, marigold, zinnia, snapdragon	25	3	2	1	
Airblast	Grape	Early growth stage	55	30	25	15
		Late growth stage	45	20	15	5

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

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

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

USE RESTRICTIONS:

APPLICATION RATE TABLE:

When applied as directed, Folpan 50 WP Fungicide will control the diseases listed below. Dosage rates, unless otherwise specified, are given in terms of kg. Folpan 50 WP Fungicide per 1000 litres of water. For use restrictions on restricted-entry and pre-harvest Intervals, please consult the table above.

DO NOT apply in greenhouses, except on greenhouse grown ornamentals

Crop	Disease	Application Rate	Use Directions
Grape	Dead arm (<i>Phomopsis viticola</i>)	2.0 kg in 1000 litres per hectare	Apply when new shoots are 2.5 to 5.0 cm long and repeat once when growth is 10 to 15 cm long. Maximum of 2 applications per season for this disease. Minimum retreatment interval (RTI) is 10 days
	Black rot (<i>Guignardia bidwellii</i>)		Apply just before bloom, just after bloom, and in first cover spray. An additional application 14-21 days later may be needed if conditions for downy mildew development persist. Maximum of 4 total applications per season for black rot, powdery mildew, or downy mildew, inclusively. Minimum retreatment interval (RTI) is 10 days
	Downy mildew (<i>Plasmopara viticola</i>)		Apply 14-21 days after bloom and repeat at 14-day intervals if conditions for disease development persist. Maximum of 4 application per season for black rot, downy mildew or powdery mildew. Minimum retreatment interval (RTI) is 10 days
	Powdery mildew (<i>Uncinula necator</i>)		
Strawberry	Gray mold (<i>Botrytis cinerea</i>), Fruit rot (<i>Botrytis cinerea</i>), Leaf spot (<i>Mycosphaerella fragariae</i>)	Use 2.0 kg in 1000 litres. Use up to 2000 litres per hectare	Apply before first infection and repeat at 7- day intervals to protect crop until harvest. Apply a maximum of 6 applications per season.
Cucumber, pumpkin, melon, squash	Anthracnose (<i>Colletotrichum orbiculare</i>), Downy mildew (<i>Pseudoperonospora cubensis</i>), Powdery mildew (<i>Podosphaera xanthii</i>):	Use 2.0 - 4.0 kg in 1000 litres per hectare. Apply up to 2000 litres per hectare depending on size of vines	Apply when first true leaves appear. If disease conditions persist, repeat at 7-day intervals until crop is harvested. Apply a maximum of 6 applications per season.
Tomato - For	Anthracnose	Use 4.0 kg in	Apply during first bloom and

Crop	Disease	Application Rate	Use Directions
Processing	<i>(Colletotrichum coccodes)</i>	1000 litres per hectare Apply up to 2000 litres per hectare	repeat at 7 day intervals until harvest. Do not apply more than 6 applications per season. Mechanical harvesting only. DO NOT HAND HARVEST processing tomatoes.
Tomato - Not For Processing	Anthracnose <i>(Colletotrichum coccodes)</i>	Use 4.0 kg in 1000 litres per hectare Apply up to 2000 litres per hectare	Apply during first bloom and repeat at 7 day intervals until harvest. Do not apply more than 3 applications per season.
Greenhouse-grown flowers used for cut flower production			
Roses	powdery mildew <i>(Podosphaera pannosa)</i>	Use 2.0 kg in 1000 litres per hectare.	Apply when young leaves first appear. Apply a maximum of 1 application per crop cycle.
Carnation	Alternaria Leaf Spot <i>(Alternaria dianthicola):</i>	Use 2 kg in 1000 litres per hectare	Apply 2 weeks after planting. Apply a maximum of 1 application per crop cycle.
Marigold Zinnia	Alternaria Leaf Spot <i>(Alternaria zinnia)</i>	Use 2.0 kg in 1000 litres per hectare.	Apply when plants emerge. Apply a maximum of 1 application per crop cycle.
Asters China Asters Phlox	Powdery Mildew <i>(Golovinomyces cichoracearum)</i>	Use 2.0 kg in 1000 litres per hectare.	Apply before disease first appears. Apply a maximum of 1 application per crop cycle.
Chrysanthemum	Powdery Mildew <i>(Golovinomyces cichoracearum, G. chrysanthemi),</i> Septoria Leaf Spot <i>(Septoria chrysanthemi)</i>	Use 2.0 kg in 1000 litres per hectare.	Apply immediately after planting. Apply a maximum of 1 application per crop cycle.
Iris	Didymellina Leaf Spot <i>(Didymellina macrospora)</i>	Use 2.0 kg in 1000 litres per hectare	Apply when plants emerge. Apply a maximum of 1 application per crop cycle.
Snapdragon	Anthracnose <i>(Colletotrichum destructivum),</i> Powdery Mildew <i>(Golovinomyces orontii)</i>	Use 2.0 kg in 1000 litres per hectare.	Apply when plants emerge. Apply a maximum of 1 application per crop cycle.

Crop	Disease	Application Rate	Use Directions
Ornamentals* grown for cut flower production			
Roses	Powdery mildew (<i>Podosphaera pannosa</i>)	Use 2.0 kg in 1000 litres per hectare.	Apply when young leaves first appear. Apply a maximum of 1 application per crop cycle for greenhouse-grown flowers and a maximum of 2 applications per season for outdoor-grown flowers. Minimum retreatment interval (RTI) is 7 days
Carnation	Alternaria Leaf Spot (<i>Alternaria dianthicola</i>):	Use 2 kg in 1000 litres per hectare	Apply 2 weeks after planting. For outdoor-grown carnations, another application can be made 14 days later. Apply a maximum of 1 application per crop cycle for greenhouse-grown flowers and a maximum of 2 applications per season for outdoor-grown flowers.
Zinnia:	Alternaria Leaf Spot (<i>Alternaria zinnia</i>)	Use 2.0 kg in 1000 litres per hectare.	Apply when plants emerge. For outdoor-grown flowers, another application can be made 3 to 7 days later. Apply a maximum of 1 application per crop cycle for greenhouse-grown flowers and a maximum of 2 applications per season for outdoor-grown flowers.
Asters, China asters, phlox	Powdery Mildew (<i>Golovinomyces cichoracearum</i>)	Use 2.0 kg in 1000 litres per hectare.	Apply before disease first appears. For outdoor-grown flowers, another application can be made 7 to 10 days later. Apply a maximum of 1 application per crop cycle for greenhouse-grown flowers and a maximum of 2 applications per season for outdoor-grown flowers.
Chrysanthemum	Powdery Mildew (<i>Golovinomyces cichoracearum</i> , <i>G. chrysanthemi</i>), Septoria Leaf Spot (<i>Septoria chrysanthemi</i>)	Use 2.0 kg in 1000 litres per hectare.	Apply immediately after planting. For outdoor-grown flowers, another application can be made 7 to 10 days later. Apply a maximum of 1 application per crop cycle for greenhouse-grown flowers

Crop	Disease	Application Rate	Use Directions
			and a maximum of 2 applications per season for outdoor-grown flowers.
Iris	Didymellina Leaf Spot (<i>Didymellina macrospora</i>)	Use 2.0 kg in 1000 litres per hectare	Apply when plants emerge. For outdoor-grown flowers, another application can be made 7 to 10 days later. Apply a maximum of 1 application per crop cycle for greenhouse-grown flowers and a maximum of 2 applications per season for outdoor-grown flowers.
Snapdragon	Anthracnose (<i>Colletotrichum destructivum</i>), Powdery Mildew (<i>Golovinomyces orontii</i>)	Use 2.0 kg in 1000 litres per hectare.	Apply when plants emerge. For outdoor-grown flowers, another application can be made 3 to 7 days later. Apply a maximum of 1 application per crop cycle for greenhouse-grown flowers and a maximum of 2 applications per season for outdoor-grown flowers.
Ornamentals* NOT grown for cut flower production			
Roses	Powdery mildew (<i>Podosphaera pannosa</i>)	Use 2.0 kg in 1000 litres per hectare	Apply when young leaves first appear. Repeat at intervals of 7 to 10 days if disease persists. Apply a maximum of 6 applications per season (outdoor-grown) or crop cycle (greenhouse grown).
Carnation	Alternaria Leaf Spot (<i>Alternaria dianthicola</i>):	Use 2 kg in 1000 litres per hectare	Apply 2 weeks after planting and re-apply on 14 day intervals if disease persists. Apply a maximum of 6 applications per season (outdoor-grown) or crop cycle (greenhouse grown).
Poinsettia (greenhouse)	Pythium Root Rot (<i>Pythium aphanidermatum</i>)	Use 2.0 to 2.26 kg in 1000 litres per hectare	Apply at time of planting. Use 0.57 litres per 20 cm pan. Repeat once after 10 days. Apply a maximum of 2 applications per crop cycle.
Marigold, Zinnia	Alternaria Leaf Spot (<i>Alternaria zinnia</i>)	Use 2.0 kg in 1000 litres per hectare	Apply when plants emerge. If conditions for disease persist, repeat at intervals of 3 to 7

Crop	Disease	Application Rate	Use Directions
			<p>days. Use the 3 day application interval during periods of rapid new growth and severe risk of infection caused by high humidity. Apply a maximum of 6 applications per season (outdoor-grown) or crop cycle (greenhouse grown).</p>
<p>Asters China Asters, Phlox</p>	<p>Powdery Mildew (<i>Golovinomyces cichoracearum</i>)</p>	<p>Use 2.0 kg in 1000 litres per hectare</p>	<p>Apply before disease first appears and if disease persists, repeat at intervals of 7 to 10 days. Use the 7 day application interval during periods of rapid new growth, and severe risk of infection caused by high humidity. Apply a maximum of 6 applications per season (outdoor-grown) or crop cycle (greenhouse grown).</p>
<p>Chrysanthemum</p>	<p>Powdery Mildew (<i>Golovinomyces cichoracearum</i>, <i>G. chrysanthemi</i>), Septoria Leaf Spot (<i>Septoria chrysanthemi</i>)</p>	<p>Use 2.0 kg in 1000 litres per hectare</p>	<p>Apply immediately after planting and repeat at intervals of 7 to 10 days. Use the 7 day application interval during periods of rapid new growth and severe risk of infection caused by high humidity. Apply a maximum of 6 applications per season (outdoor-grown) or crop cycle (greenhouse grown).</p>
<p>Iris</p>	<p>Didymellina Leaf Spot (<i>Didymellina macrospora</i>)</p>	<p>Use 2.0 kg in 1000 litres per hectare</p>	<p>Apply when plants emerge and repeat at intervals of 7 to 10 days. Apply a maximum of 4 applications per season (outdoor-grown) or crop cycle (greenhouse grown).</p>
<p>Snapdragon</p>	<p>Anthracnose (<i>Colletotrichum destructivum</i>), Powdery Mildew (<i>Golovinomyces orontii</i>)</p>	<p>Use 2.0 kg in 1000 litres per hectare.</p>	<p>Apply when plants emerge and repeat at intervals of 3 to 7 days. Use the 3 day re-application interval during periods of rapid new growth and severe risk of infection caused by high humidity. Apply a maximum of 6 applications per season</p>

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Crop	Disease	Application Rate	Use Directions
			(outdoor-grown) or crop cycle (greenhouse grown).

*Only for use on ornamental specified on this label

DISPOSAL:

1. Empty bag thoroughly into spray tank.
2. Make the empty container unsuitable for further use.
3. Dispose of the container in accordance with provincial requirements.
4. 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.

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.