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<b>GROUP</b>	<b>M04</b>	<b>FUNGICIDE</b>
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## **FOLPAN 80 WDG**

### **FUNGICIDE COMMERCIAL**

A water dispersible granular fungicide for the control of a number of fungus diseases on certain fruit, vegetables, ornamental and other crops.

REGISTRATION NO. 27733 PEST CONTROL PRODUCTS ACT

Warning: contains the allergen sulfites

ACTIVE INGREDIENT: Folpet 80%

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

**CAUTION**



**POISON**

**WARNING EYE-IRRITANT & SKIN IRRITANT  
POTENTIAL SKIN SENSITIZER**

DO NOT use in residential areas. Residential areas are defined as sites where bystanders including children may be potentially exposed during or after spraying. This includes around homes, school, parks, playgrounds, playing fields, public buildings or any other areas where the general public including children could be exposed.

**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 inquiries 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)**

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FOLPAN 80 WDG FUNGICIDE is a water dispersible granular fungicide which can be used to control the listed diseases on the labelled crops. FOLPAN 80 WDG FUNGICIDE can be tank mixed with the specific fungicide products listed on this label. Follow all precautions, restrictions and directions on the labels of both fungicide products used. Use only on crops listed on this label.

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. Harmful if inhaled. DO NOT inhale/breathe dust. Causes eye irritation. DO NOT get in eyes. May irritate skin. Avoid contact with skin. Potential skin sensitizer.

Store in a cool, dry, ventilated place, away from feeds and foods. Keep away from heat, fire and sparks.

During mixing, loading, application, clean-up and repair, wear a long-sleeved shirt, long pants, chemical-resistant gloves, goggles, 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. Gloves are not required during application within a closed cab.

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

When applying using open cab airblast application equipment, also wear coveralls and chemical-resistant headgear. Chemical-resistant headgear includes Sou'Wester hat, chemical-resistant rain hat or large brimmed waterproof hat and hood with sufficient neck protection.

Wash thoroughly after handling and before eating, drinking, or smoking. Wash contaminated clothing with soap and hot water before reuse.

Do not contaminate food or feed.

Do not contaminate any body of water.

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 (days)
Apples	Harvesting (hand, mechanical)	1
	Hand thinning fruit	6
	All other activities	12 hours
Crab apples	Harvesting (hand, mechanical)	1
	Hand thinning fruit	3

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Crop		Post-Application Activity	REI/PHI (days)
		All other activities	12 hours
Grape		Hand harvesting, training/tying, leaf pulling by hand	3
		Mechanical harvesting	1
		Hand turning and girdling (table/raisin grapes only)	35
		All other activities	12 hours
Cucumber, pumpkin, melon, squash		Hand harvesting, mechanically-assisted harvesting, training, tying, turning	11
		Hand set/ hand line irrigation related activities involving foliar contact	22
		All other activities	12 hours
Tomato - for processing		Mechanical harvesting	1
		Scouting	2
		Hand set/ hand line irrigation related activities involving foliar contact	22
		All other activities	12 hours
Tomato - not for processing		Hand harvesting, training, tying	16
		Mechanical harvesting, scouting	1
		Hand set/ hand line irrigation related activities involving foliar contact	22
		All other activities	12 hours
Strawberry		Hand harvesting	11
		Mechanical Harvesting	1
		All other activities	12 hours
Cranberry		Harvesting (hand, mechanical)	30
		Scouting	4
		All other activities	12 hours
Ornamentals* grown for cut flower production			
Carnation, zinnias, snapdragon, chrysanthemum, iris	Greenhouse	Hand harvesting, hand pruning, disbudding	48
		All other activities	12 hours
Carnation, zinnias, snapdragon, chrysanthemum, iris	Outdoor	Hand harvesting, hand pruning, disbudding	16
		Hand set/ hand line irrigation related activities involving foliar contact	8
		All other activities	12 hours
Ornamentals* NOT grown for cut flower production			
Poinsettia	Greenhouse	All activities	12 hours
Carnations, marigold, zinnias, snapdragon, chrysanthemums, iris	Greenhouse, outdoor	Hand set/ hand line irrigation related activities involving foliar contact	13
		All other activities	12 hours

**\*Only for use on ornamental specified on this label**

**REI = restricted entry interval' PHI = pre-harvest interval**

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at: [www.croplife.ca](http://www.croplife.ca).

## 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

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to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**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 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.

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

## **TOXICOLOGICAL INFORMATION**

There is no specific antidote if FOLPAN 80 WDG FUNGICIDE is ingested.

Check for possible mucosal damage before performing gastric lavage. If inhaled, observe for onset of pulmonary edema. Treat central nervous system effects 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 80 WDG FUNGICIDE contains a Group M04 fungicide. Any fungal population may contain individuals naturally resistant to FOLPAN 80 WDG 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 80 WDG 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

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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 1-800-265-4624 or [adama.com/Canada](http://adama.com/Canada).

## **DIRECTIONS FOR USE**

Fill spray tank nearly full and pour recommended amount of FOLPAN 80 WDG FUNGICIDE 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 use in residential areas. Residential areas are defined as sites where bystanders including children may be potentially exposed during or after spraying. This includes around homes, school, parks, playgrounds, playing fields, public buildings or any other areas where the general public including children could be exposed.

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 and Biological Engineers (ASABE 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

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### 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
	Cranberry		35	4	3	1
	Strawberry		25	3	2	1
	Chrysanthemum, carnation, iris, marigold, zinnia, snapdragon		15	2	1	1
Airblast	Apple, crabapple	Early growth stage	60	35	30	20
		Late growth stage	50	25	20	10
	Grape	Early growth stage	50	25	15	10
		Late growth stage	40	15	10	4

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 (ASABE) 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 80 WDG Fungicide will control the diseases listed below.

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Dosage rates, unless otherwise specified, are given in terms of kg Folpan 80 WDG Fungicide per hectare. 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
Apple	<b>Alternaria leaf spot</b> ( <i>Alternaria mali</i> ), <b>Black rot</b> ( <i>Botryosphaeria obtuse</i> ), <b>Brooks spot</b> ( <i>Mycosphaerella pomi</i> ), <b>Fly-speck</b> ( <i>Schizothyrium pomi</i> ), <b>Scab</b> ( <i>Venturia inaequalis</i> ), <b>Sooty blotch</b> ( <i>Gloeodes pomigena</i> )	3.0-3.75 kg per hectare in up to 3000 Litres of water	Apply in a regular protective schedule from green tip up until harvest. Do not apply more than 6 applications per season, with a minimal retreatment interval of 10 days. Apply the higher rate under conditions of high disease pressures.  EASTERN CANADA: Treatments during the critical period (just before bloom until 30 days after petal fall) may cause russetting to sensitive varieties such as Golden Delicious, Red Delicious and Stayman Winesap.  WESTERN CANADA: <b>Do not</b> use between bloom and July to avoid crop injury.
	<b>Alternaria leaf spot</b> ( <i>Alternaria mali</i> ), <b>Black rot</b> ( <i>Botryosphaeria obtuse</i> ), <b>Brooks spot</b> ( <i>Mycosphaerella pomi</i> ), <b>Fly-speck</b> ( <i>Schizothyrium pomi</i> ), <b>Scab</b> ( <i>Venturia naequalis</i> ), <b>Sooty blotch</b> ( <i>Gloeodes pomigena</i> )		Apply in a regular protective schedule from green tip up until harvest. Do not apply more than 4 applications per season, with a minimal retreatment interval of 10 days. Apply the higher rate under conditions of high disease pressures.
Grape	<b>Dead arm</b> ( <i>Phomopsis viticola</i> )	1.25 kg/ha in 1000 L	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, with a minimal retreatment interval of 10 days.
	<b>Black rot</b> ( <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.
	<b>Downy mildew</b> ( <i>Plasmopara viticola</i> )		Maximum of 4 total applications per season for black rot, downy mildew or

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			powdery mildew, inclusively, with a minimal retreatment interval of 10 days.
	<b>Powdery mildew</b> ( <i>Uncinula necator</i> )	Tank mix of 1.25 kg Folpan 80 WDG and 12.6 kg Kumulus DF per hectare in 1000 L	Apply at first sign of mildew and repeat after 10 days if conditions for disease development persist. Maximum of 4 total applications per season for black rot, downy mildew or powdery mildew, inclusively, with a minimal retreatment interval of 10 days. <b>DO NOT USE ON CONCORD, FOCH, DE BUREN OR ANY VARIETIES SENSITIVE TO SULPHUR.</b>
<b>Strawberry</b>	<b>Gray mold</b> ( <i>Botrytis cinerea</i> ), <b>Fruit rot</b> ( <i>Botrytis cinerea</i> ), <b>Leaf spot</b> ( <i>Mycosphaerella fragariae</i> )	2.50 kg/ha in up to 2000 L of water	Apply before first infection and repeat at 7-day intervals to protect crop until harvest. Apply a maximum of 6 applications per season.
<b>Cranberry</b>	<b>Fruit rot</b> ( <i>Botrytis cinerea</i> )	3.25 kg/ha in up to 2000 L of water	Apply when 5% of blossoms are open. Repeat 10 to 14 days later when 50 to 75% of blossoms are open. Apply a maximum of 2 applications per season
<b>Field Cucumber, Pumpkin, Melon, Squash</b>	<b>Anthrachnose</b> ( <i>Colletotrichum orbiculare</i> ), <b>Downy mildew</b> ( <i>Pseudoperonospora cubensis</i> )	2.5-5.0 kg/ha in up to 2000 L of water 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 year. <b>DO NOT</b> use on cucumbers grown in greenhouses.
<b>Tomato - For Processing</b>	<b>Anthrachnose</b> ( <i>Colletotrichum coccodes</i> )	5.0 kg/ha in up to 2000 L of water	Apply during first bloom and repeat at 7-day intervals until harvest. Do not apply more than 6 applications per season. Mechanical harvesting only. <b>DO NOT HAND HARVEST</b> processing tomatoes.
<b>Tomato - Not for Processing</b>	<b>Anthrachnose</b> ( <i>Colletotrichum coccodes</i> )	5.0 kg/ha in up to 2000 L of water	Apply during first bloom and repeat at 7-day intervals until harvest. Do not apply more than 3 applications per season.
<b>Ornamentals* grown for cut flower production</b>			
<b>Carnation</b>	<b>Alternaria Leaf Spot</b> ( <i>Alternaria dianthicola</i> )	1.25 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.



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<b>Zinnia</b>	<b>Alternaria Leaf Spot</b> ( <i>Alternaria zinnia</i> )	1.25 kg in 1000 litres per hectare	Apply when plants emerge. For outdoor-grown flowers, another application can be made 3 to 7 days later. Use the higher frequency during periods of rapid new growth and severe risk of infection caused by rains or high humidity. 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.
<b>Chrysanthemum</b>	<b>Septoria Leaf Spot</b> ( <i>Septoria chrysanthemi</i> )	1.25 kg in 1000 litres per hectare	Apply immediately after planting. For outdoor-grown flowers, another application can be made 7 to 10 days later. Increase frequency during periods of rapid new growth and severe risk of infection caused by rains or high humidity. 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.
<b>Iris</b>	<b>Didymellina Leaf Spot</b> ( <i>Didymellina macrospora</i> )	1.25 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.
<b>Snapdragon</b>	<b>Anthrachnose</b> ( <i>Colletotrichum destructivum</i> )	1.25 kg in 1000 litres per hectare	Apply when plants emerge. For outdoor-grown flowers, another application can be made 3 to 7 days later. Increase frequency during periods of rapid new growth and severe risk of infection caused by rains or high humidity. 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.
<b>Ornamentals* NOT grown for cut flower production</b>			
<b>Carnation</b>	<b>Alternaria Leaf Spot</b> ( <i>Alternaria dianthicola</i> )	1.25 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).

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<b>Poinsettia</b> (greenhouse)	<b>Pythium Root Rot</b> ( <i>Pythium aphanidermatum</i> )	1.25-1.41 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.
<b>Marigold, Zinnia</b>	<b>Alternaria Leaf Spot</b> ( <i>Alternaria zinnia</i> )	1.25 kg in 1000 litres per hectare	Apply when plants emerge. If conditions for disease persist, repeat at intervals of 3 to 7 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).
<b>Chrysanthemum</b>	<b>Septoria Leaf Spot</b> ( <i>Septoria chrysanthemi</i> )	1.25 kg in 1000 litres per hectare	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).
<b>Iris</b>	<b>Didymellina Leaf Spot</b> ( <i>Didymellina macrospora</i> )	1.25 kg in 1000 litres per hectare	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).
<b>Snapdragon</b>	<b>Anthrachnose</b> ( <i>Colletotrichum destructivum</i> )	1.25 kg in 1000 litres per hectare	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 (outdoor- grown) or crop cycle (greenhouse grown).

**\*Only for use on ornamental specified on this label**

**STORAGE:** To prevent contamination, store this product away from food or feed.

**DISPOSAL:**

1. Empty bag thoroughly into spray tank. Make the empty bag unsuitable for further use.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Dispose of the container in accordance with provincial requirements.
4. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency.
5. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

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**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.