

264-780

12/5/2005

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GROUP 17 FUNGICIDE

# FENHEXAMID 50 WDG Fungicide

50% Water Dispersible Granule for Use in Water as a Spray for the Control of Botrytis and Monilinia Diseases in Various Crops, Botrytis Diseases in Ornamentals, Forestry Conifers and Non-Bearing Fruit Trees and Vines and for the Suppression of Powdery Mildew in Grapes and Ornamentals

FOR AGRICULTURAL AND ORNAMENTAL HORTICULTURAL USE ONLY  
Not for Residential Use

**ACTIVE INGREDIENT:**

Fenhexamid, N-(2,3-dichloro-4-hydroxyphenyl)-1-methylcyclohexane carboxamide ..... 50.0%

**INERT INGREDIENTS:** ..... 50.0%  
100.0%

EPA Reg. No. 264-780

EPA Est. No.

**STOP - Read the label before use  
KEEP OUT OF REACH OF CHILDREN  
CAUTION**

For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577  
For PRODUCT USE Information, Call 1-866-99BAYER (1-866-992-2937)

### FIRST AID

<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p>In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after handling.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

- Applicators and other handlers must wear:
- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material

**ACCEPTED**  
DEC 5 2005

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered under the pesticide number 264-780

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Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

### ENGINEERING CONTROLS

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**IMPORTANT:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.

### User Safety Recommendations:

**User should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

### DIRECTIONS FOR USE

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling.**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

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### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store in a dry place away from excessive heat. Do not store near food or feed. Store in original container only. To close package, fold package or replace and tighten cap to form an airtight seal.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material is spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed for pesticides below. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer CropScience Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer CropScience Emergency Response Telephone No. is 1-800-334-7577.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

#### CONTAINER DISPOSAL:

**Bags:** Completely empty bag into application equipment. Then dispose of bag in a sanitary landfill or by incineration, or (if allowed by State and local authorities) by burning. If burned, stay out of smoke.

**Plastic containers:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or (if allowed by State and local authorities) by burning. If burned, stay out of smoke.

**Fiber drums:** Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill (or incinerate if allowed by State and local authorities). If drum is contaminated and cannot be reused, dispose of in the same manner.

### GENERAL INFORMATION

Fenhexamid 50 WDG Fungicide is a hydroxyanilide protectant fungicide used for the control of Gray mold (*Botrytis cinerea*) on various fruits and vegetables and for control of Gray mold or Botrytis blights (*Botrytis cinerea*, *Botrytis elliptica* and *Botrytis tulipae*) on ornamental crops, forestry conifers and non-bearing fruit trees and vines. In addition, Fenhexamid 50 WDG also controls Botrytis blossom and shoot blight on pistachios; Brown rot, Blossom blight and Twig blight (*Monilinia* spp.) on stone fruit, almonds and Botrytis fruit rot on kiwi. When Fenhexamid 50 WDG is used to control Botrytis diseases, suppression of powdery mildew (*Uncinula necator*) on grapes and ornamental crops may be achieved. Fenhexamid 50 WDG should be used in a program with other fungicides that are labeled for the control of powdery mildew. Fenhexamid 50 WDG should be used in a program with other products to provide season-long Botrytis protection. Apply as directed in the "APPLICATION" section using sufficient water to obtain thorough coverage of plants. Under severe disease conditions, use maximum rates and shorter application intervals as specified on the label. Dense foliage or excessive growth will often prevent adequate coverage; adjust spray volumes accordingly.

### RESISTANCE MANAGEMENT

Fenhexamid 50 WDG is a group 17 fungicide. While there is no indication of cross-resistance between the active ingredient in this product and other fungicides, no more than two consecutive applications should be made with Fenhexamid 50 WDG Fungicide or any product containing its active ingredient, fenhexamid. After the second application, use an alternative fungicide effective in controlling the labeled diseases for two applications before reapplying the active ingredient in this product. Consult your local crop advisor for appropriate rotation recommendations. Resistance management strategies such as blocking program, alternation or tank mixture with other fungicides used for Botrytis and Monilinia control are recommended. To avoid the development of resistant strains, DO NOT apply Fenhexamid 50 WDG at rates lower than recommended on this label.

### COMPATIBILITY OF MIXTURES

This product is believed to be compatible with most commonly used fungicides, insecticides, micronutrients, growth regulators and spray adjuvants. Consult specific product labels for additional information. It is always advisable to conduct a tank spray compatibility test before mixing this product with other products. To determine the physical compatibility of this product with other products, use a jar test [Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible]. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank. It is suggested that combinations be used on a small number of plants before treating large areas.

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**PREPARATION OF SPRAY SOLUTION**

Read COMPATIBILITY OF MIXTURES section prior to any tank mixing with this product. Begin with clean equipment. Add sufficient clean water to the spray tank for one-half of the mix load. Start tank agitation. Add and properly suspend the necessary amount of product before adding any other products. Agitate to ensure thorough mixing while adding the remaining required water. A high quality wetting agent or other spray adjuvant, approved for use on your crop, may be added to spray solutions according to the manufacturer's use instructions, FENHEXAMID should be properly suspended and diluted prior to the addition of any adjuvant. Consult the adjuvant label or manufacturer for crop tolerance and safety information when used with this product. Maintain agitation during mixing. DO NOT allow the spray mixture to stand without agitation. Apply with property calibrated spray equipment.

**APPLICATION**

Prepare only the amount of spray solution needed to treat the area to be sprayed. Maintain agitation during application. Applications should be made immediately after the spray solution is prepared. If there is any delay in application, continue mix agitation. DO NOT allow the spray mixture to stand without agitation. If agitation is stopped for any reason, the spray solution must be thoroughly re-mixed prior to any further use. Rainfall or overhead irrigation within 2 hours of application may necessitate re-treatment.

Proper calibration and operation of spray equipment is essential for successful spraying. Consult the spray equipment manufacturer's operators manual, spray nozzle catalogs, and/or your crop advisor for more information.

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

For agricultural applications, apply using ground equipment only (such as boom type, air blast, hand gun or mist blower sprayer). For food crops, thorough coverage of all flowers and fruiting parts is essential for control of blossom and fruit infections caused by *Botrytis* and *Monilinia* spp.

For ornamental crops, thorough coverage is essential for disease control. Apply in sufficient water to obtain complete coverage of flowers, foliage and stems. Applications may be made with high volume, low volume or ultra low volume (non-thermal foggers, misters, etc.) ground equipment only. Follow the spray equipment manufacturer's directions to determine the amount of spray solution required to obtain thorough coverage. Consult the spray equipment manufacturer's operator manual, spray nozzle catalogs and/or your crop advisor for more information. DO NOT apply this product using thermal application equipment.

Do not plant food crops in the treated field other than those for which the product is labeled within 30 days following the last application.

ALMONDS			
Disease	Application Rate lbs/Acre		Application Timing
Blossom Blight, Twig Blight ( <i>Monilinia</i> spp.)	Stand alone	1.5 (0.75 lb AI/A)	<ul style="list-style-type: none"> <li>• Pink bud</li> <li>• Full bloom</li> <li>• Petal fall</li> <li>• Up to 28 days after petal fall.</li> </ul>
	Tank mix	1.0 – 1.5 (0.5-0.75 lb AI/A)	
<b>Restrictions:</b> <ul style="list-style-type: none"> <li>• Apply in sufficient water to obtain complete coverage of flowers, fruit and twigs.</li> <li>• Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.</li> <li>• Under conditions conducive to low or moderate disease pressure only, FENHEXAMID may be applied in a tank mix at a rate of 1.0 lb (0.5 lb AI) per acre with the recommended rate of another fungicide which is registered for use on almonds to control <i>Monilinia</i> spp.</li> <li>• Do not apply more than 6.0 lbs/A/season (3.0 lbs AI/A/season).</li> </ul>			

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<b>BUSHBERRIES (blueberries, gooseberries, currants and huckleberries) JUNE BERRIES, LINGONBERRIES and SALAL</b>		
<b>Disease</b>	<b>Application Rate lbs/Acre</b>	<b>Application Timing:</b>
Gray Mold ( <i>Botrytis cinerea</i> )	1.5 (0.75 lb AI/A)	<ul style="list-style-type: none"> <li>• Begin applications at 10% bloom</li> <li>• Continue through harvest</li> <li>• Applications should be made every 7 days or when conditions favor disease development.</li> </ul>
<b>Restrictions:</b> <ul style="list-style-type: none"> <li>• PHI = 0 day.</li> <li>• Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.</li> <li>• Do not apply more than 6.0 lbs/A/season (3.0 lbs AI/A/season).</li> </ul>		

<b>CANE BERRIES (red and black raspberries, blackberries and loganberries)</b>		
<b>Disease</b>	<b>Application Rate lbs/Acre</b>	<b>Application Timing:</b>
Gray Mold ( <i>Botrytis cinerea</i> )	1.5 (0.75 lb AI/A)	<ul style="list-style-type: none"> <li>• Begin applications at 10% bloom</li> <li>• Continue through harvest</li> <li>• Applications should be made every 7 days or when conditions favor disease development.</li> </ul>
<b>Restrictions:</b> <ul style="list-style-type: none"> <li>• PHI = 0 day.</li> <li>• Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.</li> <li>• Do not apply more than 6.0 lbs/A/season (3.0 lbs AI/A/season).</li> </ul>		

CUCUMBER			
TRANSPLANT AND GREENHOUSE PRODUCTION			
TRANSPLANT PRODUCTION			
Disease	Application Rate lbs/Acre		Application Timing
Gray Mold ( <i>Botrytis cinerea</i> )	Stand alone	1.5 (0.75 lb AI/A)	<ul style="list-style-type: none"> <li>• Begin applications when conditions favor disease development.</li> <li>• Repeat at 7-10 day intervals if conditions continue to favor disease.</li> </ul>
	Tank mix	1.0– 1.5 (0.5-0.75 lb AI/A)	
GREENHOUSE PRODUCTIONS			
Disease	Application Rate lbs/Acre		Application Timing
Gray Mold ( <i>Botrytis cinerea</i> )	Stand alone	1.5 (0.75 lb AI/A)	<ul style="list-style-type: none"> <li>• Begin applications when conditions favor disease development.</li> <li>• Repeat at 7-10 day intervals if conditions continue to favor disease.</li> <li>• May be applied up to and including the day of harvest.</li> </ul>
	Tank mix	1.0– 1.5 (0.5-0.75 lb AI/A)	
<b>Restrictions:</b>			
<ul style="list-style-type: none"> <li>• Do not apply in field.</li> <li>• Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.</li> <li>• Under conditions conducive to low or moderate disease pressure only, FENHEXAMID may be applied in a tank mix at a rate of 1.0 lb (0.5 lb AI) per acre with the recommended rate of another fungicide which is registered for use on cucumber to control <i>Botrytis cinerea</i>.</li> </ul>			
<b>Transplant Production</b>			
<ul style="list-style-type: none"> <li>• Apply in a full coverage protective spray</li> <li>• Do not apply more than 6.0 lbs FENHEXAMID (3.0 lb AI) per acre to transplants.</li> </ul>			
<b>Greenhouse Production</b>			
<ul style="list-style-type: none"> <li>• PHI = 0 day.</li> <li>• Do not make more than 6.0 lbs FENHEXAMID 50 WDG (3.0 lb AI) per acre per season.</li> </ul>			

FRUITING VEGETABLES (except tomatoes and non-bell peppers) EGGPLANT, GROUND CHERRY, PEPINO, BELL PEPPER, TOMATILLO			
TRANSPLANT AND GREENHOUSE PRODUCTION (except California)			
TRANSPLANT PRODUCTION			
Disease	Application Rate lbs/Acre		Application Timing
Gray Mold ( <i>Botrytis cinerea</i> )	Stand alone	1.5 (0.75 lb AI/A)	<ul style="list-style-type: none"> <li>• Begin applications when conditions favor disease development.</li> <li>• Repeat at 7-10 day intervals if conditions continue to favor disease.</li> </ul>
	Tank mix	1.0– 1.5 (0.5-0.75 lb AI/A)	
GREENHOUSE PRODUCTIONS			
Disease	Application Rate lbs/Acre		Application Timing
Gray Mold ( <i>Botrytis cinerea</i> )	Stand alone	1.5 (0.75 lb AI/A)	<ul style="list-style-type: none"> <li>• Begin applications when conditions favor disease development.</li> <li>• Repeat at 7-10 day intervals if conditions continue to favor disease.</li> <li>• May be applied up to and including the day of harvest.</li> </ul>
	Tank mix	1.0– 1.5 (0.5-0.75 lb AI/A)	
<b>Restrictions:</b>			
<ul style="list-style-type: none"> <li>• Do not apply in field.</li> <li>• Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.</li> <li>• Under conditions conducive to low or moderate disease pressure only, FENHEXAMID 50 WDG may be applied in a tank mix at a rate of 1.0 lb (0.5 lb AI) per acre with the recommended rate of another fungicide which is registered for use on fruiting vegetables to control <i>Botrytis cinerea</i>.</li> </ul>			
<b>Transplant Production</b>			
<ul style="list-style-type: none"> <li>• Apply in a full coverage protective spray</li> <li>• Do not apply more than 6.0 lbs FENHEXAMID 50 WDG (3.0 lb AI) per acre to transplants.</li> </ul>			
<b>Greenhouse Production</b>			
<ul style="list-style-type: none"> <li>• PHI = 0 day.</li> <li>• Do not make more than 6.0 lbs FENHEXAMID 50 WDG (3.0 lb AI) per acre per season.</li> </ul>			

TOMATO			
TRANSPLANT AND GREENHOUSE PRODUCTION			
TRANSPLANT PRODUCTION			
Disease	Application Rate lbs/Acre		Application Timing
Gray Mold ( <i>Botrytis cinerea</i> )	Stand alone	1.5 (0.75 lb AI/A)	<ul style="list-style-type: none"> <li>• Begin applications when conditions favor disease development.</li> <li>• Repeat at 7-10 day intervals if conditions continue to favor disease.</li> </ul>
	Tank mix	1.0- 1.5 (0.5-0.75 lb AI/A)	
GREENHOUSE PRODUCTIONS			
Disease	Application Rate lbs/Acre		Application Timing
Gray Mold ( <i>Botrytis cinerea</i> )	Stand alone	1.5 (0.75 lb AI/A)	<ul style="list-style-type: none"> <li>• Begin applications when conditions favor disease development.</li> <li>• Repeat at 7-10 day intervals if conditions continue to favor disease.</li> <li>• May be applied up to and including the day of harvest.</li> </ul>
	Tank mix	1.0- 1.5 (0.5-0.75 lb AI/A)	
<b>Restrictions:</b>			
<ul style="list-style-type: none"> <li>• Do not apply in field.</li> <li>• Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.</li> <li>• Under conditions conducive to low or moderate disease pressure only, FENHEXAMID 50 WDG may be applied in a tank mix at a rate of 1.0 lb (0.5 lb AI) per acre with the recommended rate of another fungicide which is registered for use on fruiting vegetables to control <i>Botrytis cinerea</i>.</li> </ul>			
<b>Transplant Production</b>			
<ul style="list-style-type: none"> <li>• Apply in a full coverage protective spray.</li> <li>• Do not apply more than 6.0 lbs FENHEXAMID 50 WDG (3.0 lb AI) per acre to transplants.</li> </ul>			
<b>Greenhouse Production</b>			
<ul style="list-style-type: none"> <li>• PHI = 0 day.</li> <li>• Do not apply more than 6.0 lbs FENHEXAMID 50 WDG (3.0 lb AI) per acre per season.</li> </ul>			

GINSENG (EXCEPT CA)			
Disease	Application Rate lbs/Acre		Application Timing
Botrytis leaf and fruit blight ( <i>Botrytis cinerea</i> )	1.5 (0.75 lb AI/A)		<ul style="list-style-type: none"> <li>• Begin applications when conditions favor disease development.</li> <li>• Repeat at 7-14 day intervals if conditions continue to favor disease development (especially cool and wet weather or high humidity).</li> </ul>
<b>Restrictions:</b>			
<ul style="list-style-type: none"> <li>• Do not use for food or feed purposes within 1 year of treatment</li> <li>• Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.</li> <li>• Do not apply more than 6.0 lbs (3.0 lb AI) per acre per season.</li> </ul>			



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GRAPES		
Disease	Application Rate lbs/Acre	Application Timing
Botrytis bunch rot ( <i>Botrytis cinerea</i> ) Powdery mildew suppression ( <i>Uncinula necator</i> )	1.0 (0.5 lb AI/A)	<ul style="list-style-type: none"> <li>• Early bloom</li> <li>• Bunch pre-closure</li> <li>• Veraison</li> <li>• Up to day of harvest</li> </ul>
<b>Restrictions:</b> <ul style="list-style-type: none"> <li>• PHI = 0 day.</li> <li>• FENHEXAMID has been shown to enhance the efficacy of other fungicides when used in a powdery mildew spray program.</li> <li>• Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.</li> <li>• Do not apply more than 3.0 lbs (1.5 lb AI) per acre per season.</li> </ul>		

KIWI POST-HARVEST APPLICATIONS			
Disease	Application Type	Application Rate lbs/Acre	Application Timing
Botrytis fruit rot ( <i>Botrytis cinerea</i> )	Packing-line spray	1.5 (0.75 lb AI)/200,000 lbs fruit in 8-20 gallons of water.	Post-harvest
	Fruit dip treatment	1.5 (0.75 lb AI) in 100 gallons of water. Fruit should remain in dip solution for 20 to 30 seconds	
<b>Restrictions:</b> <ul style="list-style-type: none"> <li>• Do not make more than one application to fruit.</li> <li>• Use only as a post harvest application.</li> <li>• Leftover dip or spray mixtures containing FENHEXAMID 50 WDG may be used as a foliar spray on other registered crops, observing all restrictions such as maximum pounds applied per application per season.</li> <li>• When calculating application rates, if analytical services are not available to determine the exact quantity of FENHEXAMID 50 WDG remaining in the mixture, assume that the tank still contains the initial concentration of FENHEXAMID 50 WDG per gallon (1.5 lbs per 100 gallons).</li> <li>• If the dip or spray mixture contains other pesticides in addition to FENHEXAMID 50 WDG, refer to the product label(s) for information regarding disposal. Apply only on a crop for which all products are registered and follow all restrictions such as maximum pounds applied per application and season.</li> </ul>			

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LEAFY GREENS (EXCEPT SPINACH) (Amaranth; arugula; chervil; chrysanthemum, edible-leaved and garland; corn salad; cress, garden and upland; dandelion; dock; endive; lettuce; orach; parsley; purslane, garden and winter; radicchio [red chicory])			
TRANSPLANT AND GREENHOUSE PRODUCTION (except California)			
TRANSPLANT PRODUCTION			
Disease	Application Rate lbs/Acre		Application Timing
Gray Mold ( <i>Botrytis cinerea</i> )	Stand alone	1.5 (0.75 lb AI/A)	<ul style="list-style-type: none"> <li>• Begin applications when conditions favor disease development.</li> <li>• Repeat application after 7 days if conditions continue to favor disease.</li> </ul>
	Tank mix	1.0– 1.5 (0.5–0.75 lb AI/A)	
GREENHOUSE PRODUCTIONS			
Disease	Application Rate lbs/Acre		Application Timing
Gray Mold ( <i>Botrytis cinerea</i> )	Stand alone	1.5 (0.75 lb AI/A)	<ul style="list-style-type: none"> <li>• Begin applications when conditions favor disease development.</li> <li>• Repeat application after 7 days if conditions continue to favor disease.</li> <li>• Do not apply within 3 days of harvest.</li> </ul>
	Tank mix	1.0– 1.5 (0.5–0.75 lb AI/A)	
<p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>• Do not apply in field.</li> <li>• Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.</li> <li>• Under conditions conducive to low or moderate disease pressure only, FENHEXAMID 50 WDG may be applied in a tank mix at a rate of 1.0 lb (0.5 lb AI) per acre with the recommended rate of another fungicide which is registered for use on leafy greens to control <i>Botrytis cinerea</i>.</li> </ul> <p><b>Transplant Production</b></p> <ul style="list-style-type: none"> <li>• Apply in a full coverage protective spray</li> <li>• Do not apply more than 3.0 lbs FENHEXAMID 50 WDG (1.5 lb AI) per acre to transplants.</li> </ul> <p><b>Greenhouse Production</b></p> <ul style="list-style-type: none"> <li>• PHI = 3 days.</li> <li>• Do not make more than 3.0 lbs FENHEXAMID 50 WDG (1.5 lb AI) per acre per crop.</li> </ul>			

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PISTACHIOS		
Disease	Application Rate lbs/Acre	Application Timing
Botrytis blossom and shoot blight ( <i>Botrytis cinerea</i> )	1.0 -1.5 (0.5 - 0.75 lb AI/A)	<ul style="list-style-type: none"> <li>• 5-10% bloom</li> <li>• Full bloom</li> <li>• Then every 7-10 days or when conditions favor disease development.</li> <li>• Up to 28 days after petal fall.</li> </ul>
<b>Restrictions:</b> <ul style="list-style-type: none"> <li>• Apply in sufficient water to obtain complete coverage of flowers, fruit and twigs.</li> <li>• Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.</li> <li>• Under conditions conducive to low or moderate disease pressure only, FENHEXAMID 50 WDG may be applied in a tank mix at a rate of 1.0 lb (0.5 lb AI) per acre.</li> <li>• Do not apply more than 6.0 lbs/A/season (3.0 lbs AI/A/season).</li> </ul>		

STONE FRUIT (apricot, cherries, nectarines, peaches, plumcot, plums and fresh prunes)		
Field Application		
Disease	Application Rate lbs/Acre	Application Timing
Brown rot, Blossom Blight, Twig Blight ( <i>Monilinia</i> spp.)	Stand alone	1.5 (0.75 lb AI/A)
	Tank mix	1.0 - 1.5 (0.5-0.75 lb AI/A)
Gray mold on cherries ( <i>Botrytis cinerea</i> )	1.0 - 1.5 (0.5-0.75 lb AI/A)	<ul style="list-style-type: none"> <li>• Early bloom.</li> <li>• Late bloom.</li> <li>• 2 weeks after petal fall.</li> <li>• Up to day of harvest.</li> </ul>
<b>Post-Harvest Application - Stone Fruit except Cherries</b>		
Disease	Application Rate lbs/Acre	Application Timing
Brown rot ( <i>Monilinia</i> spp.) On apricot, nectarines, peaches, plumcots, plums, and fresh prunes	High volume (dilute)	1.5 lb (0.75 lb AI) per 100 gallons of water, wax/oil emulsion or aqueous dilution of a was/oil emulsion to 200,000 lbs of fruit.
	Low volume (concentrate)	1.5 lb (0.75 lb AI) in a minimum of 8 gallons of water, wax/oil emulsion or aqueous dilution of a was/oil emulsion to 200,000 lbs of fruit.
		Post-harvest

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Post-Harvest Application - Cherries		
Disease	Application Rate lbs/Acre	Application Timing
Brown rot ( <i>Monilinia</i> spp.) Gray mold ( <i>Botrytis cinerea</i> )	1.5 lb (0.75 lb ai) per 100 gallons of water, wax/oil emulsion or aqueous dilution of a wax/oil emulsion to 25,000 lb of fruit.	Post-harvest
<b>Restrictions:</b>		
<b>Field</b>		
<ul style="list-style-type: none"> <li>• PHI = 0 day.</li> <li>• Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.</li> <li>• Under conditions conducive to low or moderate <i>Monilinia</i> disease pressure only, FENHEXAMID 50 WDG may be applied in a tank mix at a rate of 1.0 lb (0.5 lb AI) per acre with the recommended rate of another fungicide which is registered for use on stone fruit to control <i>Monilinia</i> spp.</li> <li>• Under conditions conducive to low or moderate <i>Botrytis</i> disease pressure only, FENHEXAMID 50 WDG may be applied in a tank mix at a rate of 1.0 lb (0.5 lb AI) per acre to control <i>Botrytis cinerea</i> on cherries only.</li> <li>• Do not apply more than 6.0 lbs/A/season (3.0 lbs AI/A/season).</li> </ul>		
<b>Post-Harvest</b>		
<ul style="list-style-type: none"> <li>• Apply only as post-harvest spray to fruit in a packing line or dip fruit in the solution for 30 seconds.</li> <li>• Do not make more than one post-harvest application.</li> <li>• For low volume (concentrated) application, use a control droplet-type application (CDA) system or similar low volume system.</li> <li>• Do not apply more than 1.5 lb of FENHEXAMID 50 WDG (0.75 lb AI) as a post-harvest treatment.</li> <li>• Left over dip or spray mixtures containing FENHEXAMID 50 WDG may be used as a foliar spray on other registered crops, observing all restrictions such as maximum pounds applied per application per season.</li> <li>• When calculating application rates, if analytical services are not available to determine the exact quantity of FENHEXAMID 50 WDG remaining in the mixture, assume that the tank still contains the initial concentration of FENHEXAMID 50 WDG per gallon (1.5 lb per volume).</li> <li>• If the dip or spray mixture contains other pesticides in addition to FENHEXAMID 50 WDG, refer to the product label(s) for information regarding disposal. Apply only on a crop for which all products are registered and follow all restrictions such as maximum pounds applied per application per season.</li> </ul>		

STRAWBERRIES			
Disease	Application Rate lbs/Acre		Application Timing
Gray mold ( <i>Botrytis cinerea</i> )	Stand alone	1.5 (0.75 lb AI/A)	<ul style="list-style-type: none"> <li>• Begin application at early bloom</li> <li>• Repeat at 7-14 day intervals if conditions continue to favor disease development</li> <li>• May be applied up to and including the day of harvest.</li> </ul>
	Tank mix	1.0– 1.5 (0.5-0.75 lb AI/A)	
<b>Restrictions:</b> <ul style="list-style-type: none"> <li>• PHI = 0 day.</li> <li>• Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.</li> <li>• Under conditions conducive to low or moderate disease pressure only, FENHEXAMID 50 WDG may be applied in a tank mix at a rate of 1.0 lb (0.5 lb AI) per acre with the recommended rate of another fungicide which is registered for use on strawberries to control <i>Botrytis cinerea</i>.</li> <li>• Do not apply more than 6.0 lbs/A/season (3.0 lbs AI/A/season).</li> <li>• When plastic mulch is used, do not apply within 16 feet (5 meters) of naturally vegetated or aquatic areas.</li> </ul>			

**OUTDOOR-, GREENHOUSE- AND NURSERY-GROWN ORNAMENTALS, FORESTRY CONIFERS AND NON-BEARING FRUIT TREES AND VINES**

This product, when applied as a foliar spray, has been shown to effectively protect plants from *Botrytis cinerea*, *Botrytis elliptica* and *Botrytis tulipae* and stop sporulation of the fungus if an infection has occurred. Also, when this product is used to control *Botrytis*, suppression of powdery mildew on the treated crop may be achieved. These directions are based upon the results of product testing programs.

**NOTICE TO USER**

Plant tolerance to this product has been found to be acceptable in research trials for the general plant species listed on this label. However, due to the large number of species and their associated varieties or cultivars of ornamental and other nursery plants and due to variable growing conditions, it is impossible to test every plant and variety or cultivar for tolerance to this product. Neither the Manufacturer nor the Seller has determined whether or not this product can be safely used on all ornamental and other nursery plants. The professional user should determine if this product can be used safely prior to commercial use. In a small test area, test the recommended rates on plants for phytotoxicity and disease control prior to general use.

This product has been shown to be safe and effective in a limited number of research trials on certain varieties or cultivars of the plant types listed. Users should conduct small scale tests under local growing conditions prior to wide-scale use.

- |                                   |                              |                         |
|-----------------------------------|------------------------------|-------------------------|
| African Violet                    | Impatiens                    | Poinsettia <sup>2</sup> |
| Crabapple, Flowering <sup>1</sup> | Lily (Asiatic/Oriental)      | Ranuncius               |
| Daffodil                          | Lisianthus                   | Rose                    |
| Douglas Fir                       | Iris                         | Snapdragon              |
| Fuchsia                           | Pansy                        | Spathiphyllum           |
| Geranium                          | Petunia                      | Tulip                   |
| Gerbera Daisy                     | Plum, Flowering <sup>1</sup> | Western Hemlock         |

<sup>1</sup>Not for food or feed purposes.

<sup>2</sup>Due to the sensitivity of mature Poinsettia bracts and varying local environmental conditions, users should conduct preliminary tests as suggested above.

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High Volume Spray Recommendations		
Application Rate	Disease Pressure	Spray Interval
0.75 lb product per 100 gal.	Conditions favor disease development; no disease present.	7 to 14 Days
1.0 to 1.5 lb product per 100 gal.	Conditions favor disease development; disease present.	7 Days

Low Volume / Ultra Low Volume Spray Recommendations		
Application Rate	Disease Pressure	Spray Interval
0.75 lb product per 100 gal.	Conditions favor disease development; no disease present.	7 to 14 Days
1.0 to 1.5 lb product per 100 gal.	Conditions favor disease development; disease present.	7 Days

For small application equipment, the scoop attached to the container is provided for ease in measuring the amount of this product to use per 1 gallon of water. Apply 1 to 2 level scoops per 1 gallon of water. One scoop equals 0.12 ounces or 3.4 grams or approximately one rounded teaspoon of this product.

#### POST-HARVEST APPLICATIONS

For use on cut flowers, rose budwood, and bare-root nursery stock when applied as a spray. Apply FENHEXAMID 50 WDG to prevent *Botrytis* diseases (Gray mold) in cold storage or transit. Apply after harvest and grading prior to cold storage. Apply 1.0 - 1.5 pounds of FENHEXAMID 50 WDG per 100 gallons of spray.

#### LIMITATIONS

Do not make more than two consecutive applications of this product. After the second application, use an alternative fungicide effective in controlling *Botrytis* spp. for two applications before reapplying the active ingredient in this product. Consult your local Horticultural Advisor for the most appropriate alternative products.

#### Ornamentals and Other Nursery Crops Grown Outdoors

DO NOT apply more than 6.0 pounds of product per acre per season (3.0 lb AI/A/season).

#### Ornamentals and Other Nursery Crops Grown in Greenhouses

DO NOT apply more than 0.14 pounds product per 1000 square feet per crop cycle (equal to 2.2 oz. product per 1000 square feet per crop cycle)

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**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience. All such risks shall be assumed by the user or buyer.

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**NET WEIGHT:**



**Bayer CropScience**

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FENHEXAMID 50 WDG Fungicide (PENDING) 07/01/05, Resubmitted 08/30/05, Resubmitted 10/12/05, Resubmitted 10/25/05.