



Fungicide

50% Water Dispersible Granule for Control of Botrytis and Monilinia Diseases and Suppression of Powdery Mildew in Various Crops

FOR AGRICULTURAL USE ONLY Not for Residential Use

INGREDIENTS

ACTIVE INGREDIENT	
Fenhexamid*	50.0%
OTHER INGREDIENTS	50.0%
Total	100.0%

*N-(2,3-dichloro-4-hydroxyphenyl)-1-methyl-cyclohexane carboxamide

For Product Use Information Call: 1-866-761-9397

KEEP OUT OF REACH OF CHILDREN CAUTION

See inside booklet for additional precautionary statements

Produced for: **ARYSTA LIFESCIENCE NORTH AMERICA, LLC** 15401 Weston Parkway, Suite 150 Cary, NC 27513

EPA Reg. No. 66330-35 EPA Est. No. 67545-AZ-001 AD052808 100513



Arysta LifeScience®

NET WEIGHT: 2 POUNDS

	FIRST AID		
If swallowed	 Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. 		
lf in eyes	 Hold eye open and rinse slowly and gently with warm water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center 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 center or doctor for treatment advice. 		
	uct container or label with you when calling a poison control or, or going for treatment.		
-	OR 24-HOUR EMERGENCY MEDICAL ASSISTANCE: all PROSAR at 1-866-303-6952 or 1-651-632-8946 if calling from outside of the U.S.		
	FOR 24-HOUR CHEMICAL EMERGENCY		
	re, exposure, or accident, call CHEMTREC at 1-800-424-9300		

or 1-703-527-3887 if calling from outside of the U.S.

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, socks, shoes and chemical-resistant gloves made of any waterproof material. 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

Users 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.

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 or rinsate.

DIRECTIONS FOR USE

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

Carefully read and understand the Directions for Use and restrictions before applying this product.

Do not apply this product in any 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 on this label about personal protective equipment (PPE), notification to workers, 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 entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry into 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, socks, shoes, chemical resistant gloves made of waterproof material.

GENERAL INFORMATION

ELEVATE® 50 WDG Fungicide is a hydroxyanilide protectant fungicide used for the control of Gray mold/Fruit Rot (*Botrytis cinerea*) on various fruits and vegetables. In addition, ELEVATE 50 WDG also controls Botrytis blossom and shoot blight on pistachios and Brown rot, Blossom blight and Twig blight (*Monilinia* spp.) on stone fruit and almonds. When ELEVATE 50 WDG is used to control Botrytis diseases, suppression of powdery mildew (*Uncinula necator*) on grapes may be achieved. ELEVATE 50 WDG should be used in a program with other fungicides that are labeled for the control of powdery mildew. ELEVATE 50 WDG should be used in a program with other products to provide seasonlong 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

ELEVATE 50 WDG is a group 17 fungicide. While there is no indication of crossresistance between the active ingredient in this product and other fungicides, no more than two consecutive applications should be made with ELEVATE 50 WDG 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 ELEVATE 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 at ank 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.

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. ELEVATE 50 WDG 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. D0 N0T allow the spray mixture to stand without agitation. Apply with properly 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. D0 N0T 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 <u>any</u> 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.

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	Appl	lication Rate	Application Timing
Blossom blight, Twig blight (<i>Monilinia</i> spp.)	Stand-alone	1.5 lbs/A (0.75 lb Al/A)	 Pink bud. Full bloom. Petal fall.
(· · · · · · · · · · · · · · · · · · ·	Tank-mix	1.0 – 1.5 lbs/A (0.5 – 0.75 lb Al/A)	Up to 28 days after petal fall.

Restrictions

- Apply in sufficient water to obtain complete coverage of flowers, fruit and twigs.
- Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.
- Under conditions conducive to low or moderate disease pressure only, ELEVATE 50 WDG may be applied in a tank-mix at a rate of 1.0 lb (0.5 lb Al) per acre with the specified rate of another fungicide which is registered for use on almonds to control *Monilinia* spp.
- Do not apply more than 6.0 lbs of ELEVATE 50 WDG (3.0 lbs Al) per acre per season.

ASPARAGUS (Not For Use In California)			
Disease	Application Rate	Application Timing	
Gray mold (Botrytis cinerea)	1.5 lbs/A (0.75 lb Al/A)	 Apply at Fern stage only. The ferns must be mowed down or allowed to senesce between the last application and harvest of the asparagus spears. Make up to 4 foliar applications. Make uniform applications of ELEVATE 50 WDG in a minimum of 40 gallons of water per acre. Repeat at 7–14 day intervals if conditions favor disease development. Apply in a minimum of 50 gallons of water by ground. 	

(continued)

Restrictions

- PHI for all states excluding California: Do not harvest the spears within 180 days of the last application.
- PHI for California: Do not harvest the spears within 90 days of the last application.
- Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.
- Do not apply more than 6.0 lbs of ELEVATE 50 WDG (3.0 lbs Al) per acre per season.

BUSHBERRIES (blueberries, gooseberries, currants and huckleberries) JUNEBERRIES, LINGONBERRIES and SALAL		
Disease Application Rate Application Timing		
Gray mold (<i>Botrytis cinerea</i>)	1.5 lbs/A (0.75 lb Al/A)	 Begin applications at 10% bloom. Continue through harvest. Applications should be made every 7 days or when conditions favor disease development.

Restrictions

- PHI = 0 day.
- Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.
- Do not apply more than 6.0 lbs of ELEVATE 50 WDG (3.0 lbs Al) per acre per season.

CANEBERRIES (red and black raspberries, blackberries and loganberries)		
Disease Application Rate Application Timing		
Gray mold (<i>Botrytis cinerea</i>)	1.5 lbs/A (0.75 lb Al/A)	 Begin at 10% bloom. Continue through harvest. Applications should be made every 7 days or when conditions favor disease development.

Restrictions

PHI = 0 day.

 Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.

 Do not apply more than 6.0 lbs of ELEVATE 50 WDG (3.0 lb Al) per acre per season.

	GINSENG (EXCEPT CALIFORNIA)			
Disease	Application Rate	Application Timing		
Botrytis leaf and fruit blight (<i>Botrytis cinerea</i>)	1.5 lb/A (0.75 lb Al/A)	 Begin applications when conditions favor disease development. Repeat at 7-14 day intervals if conditions continue to favor disease development (especially cool and wet weather or high humidity). Make up to 4 foliar applications. Make a uniform application in a minimum of 50 to 150 gallons of water per acre. May be applied up to day of harvest however, wait for the fungicide solution to dry on the foliage prior to harvest. 		

Restrictions

• PHI = 0 day.

- Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.
- Do not apply more than 6.0 lbs of ELEVATE 50 WDG (3.0 lbs Al) per acre per season.

GRAPES			
Disease	Application Rate	Application Timing	
Botrytis bunch rot (<i>Botrytis cinerea</i>) Powdery mildew suppression (<i>Uncinula necator</i>)	(0.5 lb Al/A)	 Early bloom Bunch pre-closure Veraison Up to day of harvest 	

Restrictions

PHI = 0 day.

- ELEVATE 50 WDG has been shown to enhance the efficacy of other fungicides when used in a powdery mildew spray program.
- Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.
- Do not apply more than 3.0 lbs of ELEVATE 50 WDG (1.5 lbs Al) per acre per season.

PEAR and ORIENTAL PEAR			
Disease Application Rate Application Timing			
Fruit Rot (<i>Botrytis cinerea</i>)	1.0 to 1.5 lbs/A (0.5 to 0.75 lb Al/A)	 Make first application within 14 days of harvest. Apply in a 7-day interval up to the day of harvest. 	

Restrictions

PHI = 0 day.

 Do not make more than 2 consecutive applications. If multiple harvests are planned on the same variety (i.e., color picking or selective harvesting) over an extended period, rotate between different classes of registered fungicides. Refer to the Resistance Management section for rotation guidelines.

 Do not apply more than 6.0 lbs of ELEVATE 50 WDG (3.0 lb Al) per acre per season.

PISTACHIOS			
Disease Application Rate Application Timing		Application Timing	
Botrytis blossom and shoot blight (<i>Botrytis cinerea</i>)	1.0- 1.5 lbs/A (0.5 – 0.75 lb Al/A)	 5-10% bloom. Full bloom. Then every 7-10 days or when conditions favor disease development. Up to 28 days after petal fall. 	

Restrictions

- Apply in sufficient water to obtain complete coverage of flowers, fruit and twigs.
- Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.
- Under conditions conducive to low or moderate disease pressure only, ELEVATE 50 WDG may be applied at a rate of 1.0 lb (0.5 lb Al) per acre.
- Do not apply more than 6.0 lbs of ELEVATE 50 WDG (3.0 lbs Al/) per acre per season.

STONE FRUIT (apricot, cherries, nectarines, peaches, plumcot, plums and fresh prunes) Field Application

Disease	Application Rate		Application Timing
Brown rot, Blossom blight,	Stand-alone	1.5 lbs/A (0.75 lb Al/A)	Early bloom.Late bloom.
Twig blight (<i>Monilinia</i> spp.)	Tank-mix	1.0-1.5 lbs/A (0.5 - 0.75 lb Al/A)	 2 weeks after petal fall. Up to day of harvest.
Gray mold on cherries (<i>Botrytis cinerea</i>)		1.0 - 1.5 lbs/A (0.5 - 0.75 lb Al/A)	 Early bloom. Then every 7-10 days or when con- ditions favor dis- ease development. Up to day of harvest.

Restrictions

PHI = 0 day.

 Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.

- Under conditions conducive to low or moderate *Monilinia* disease pressure only, ELEVATE 50 WDG may be applied in a tank-mix at a rate of 1.0 lb (0.5 lb Al) per acre with the specified rate of another fungicide which is registered for use on stone fruit to control *Monilinia* spp.
- Under conditions conducive to low or moderate *Botrytis* disease pressure only, ELEVATE 50 WDG may be applied at a rate of 1.0 lb (0.5 lb Al) per acre to control *Botrytis cinerea* on cherries only.
- Do not apply more than a maximum of 6.0 lbs of ELEVATE 50 WDG (3.0 lbs Al) per acre per season.

STRAWBERRIES			
Disease	Application Rate		Application Timing
Gray mold (<i>Botrytis cinerea</i>)	Stand-alone	1.5 lbs/A (0.75 lb Al/A)	 Begin applications at early bloom.
	Tank-mix	1.0-1.5 lbs/A (0.5-0.75 lb Al/A)	 Repeat at 7-14 day intervals if conditions contin- ue to favor disease development. May be applied up to and including the day of harvest.

Restrictions

• PHI = 0 day.

- Under conditions conducive to low or moderate disease pressure only, ELEVATE 50 WDG may be applied in a tank-mix at a rate of 1.0 lb (0.5 lb Al) per acre with the specified rate of another fungicide which is registered for use on strawberries to control *Botrytis cinerea*.
- Do not make more than 2 consecutive applications. Refer to the Resistance Management section for rotation guidelines.
- Do not apply more than 6.0 lbs of ELEVATE 50 WDG (3.0 lbs Al) per acre per season.
- When plastic mulch is used, do not apply within 16 feet (5 meters) of naturally vegetated or aquatic areas.

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.

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:

<u>Bags:</u> 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.

Warranty and Disclaimer Statement

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Arysta LifeScience North America Corporation ("Arysta"), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. All such risks shall be assumed by the user or buyer.

Arysta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Arysta, and is subject to the inherent risks described above.

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Fenhexamid was invented and is produced by Bayer AG, Germany. Elevate and the Elevate logo are registered trademarks of Arysta LifeScience North America, LLC



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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.

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