



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OCT 24 2003

Dr. Laurent Mezin  
Arvesta Corporation  
100 First Street, Suite 1700  
San Francisco, CA 94105

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: ELEVATE 50 WD  
EPA Registration Number 66330-35  
Your Amendment dated June 6, 2003  
Addition of minor uses - cucumber; fruit, stone, group 12 (post harvest),  
except plum, prune, fresh; Kiwifruit (post harvest); leafy greens, subgroup 4A,  
except spinach; plum, prune (fresh & dried), and vegetable, fruiting, group 8  
except non-bell peppers

Dear Dr. Mezin:

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted provided the following changes are made:

**Labeling:**

1. Change the word "make" to "apply" in the last sentence under Restrictions heading and under the subheadings Cucumber, Fruiting Vegetables and Leafy Greens.
2. Delete all references to cilantro. No tolerance has been established for this crop. When tolerances for additional crops are requested, include a specific tolerance for cilantro or a group tolerance for herbs and spices.
3. On page 2 change "waterproof gloves" to "chemical-resistant gloves made of any waterproof material" in the Personal Protective Equipment (PPE) statement.

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A stamped copy of the label is enclosed for your files. You must submit one copy of the final printed label prior to releasing the product for shipment. If you have questions about this letter, please contact Summer Gardner-Jenkins of my staff at (703) 308-9353.

Sincerely,



Mary L. Waller  
Product Manager (21)  
Fungicide Branch  
Registration Division (7505C)

Enclosure

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(Front Panel)

## ELEVATE® 50 WDG Fungicide

GROUP	17	FUNGICIDE
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**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**

### INGREDIENTS

#### ACTIVE INGREDIENT:

Fenhexamid\* ..... 50.0%

OTHER INGREDIENTS:..... 50.0%

Total..... 100.0%

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

**KEEP OUT OF REACH OF CHILDREN**

### CAUTION

**See back panel for additional precautionary statements.**

Produced for:

Arvesta Corporation  
100 First Street, Suite 1700  
San Francisco, CA 94105

EPA Registration No. 66330-35  
EPA Establishment No.

NET WEIGHT: \_\_\_\_ POUNDS ( \_\_\_\_ KILOGRAMS)

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated**

**OCT 24 2003**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.**

66330-35

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<b>FIRST AID</b>	
If swallowed	<ul style="list-style-type: none"> <li>• Call 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 so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
If in eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with warm water for 15-20 minutes.</li> <li>• 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>
If on skin or clothing	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE:</b> <b>CALL 1-800-228-5635 Ext. 174</b>	
<b>FOR 24-HOUR CHEMICAL EMERGENCY</b> <b>(Spill, Leak, Fire or Accident) ASSISTANCE:</b> <b>CALL CHEMTREC 1-800-424-9300</b>	

## 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 waterproof gloves. 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.

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### **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.

### **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.

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## GENERAL INFORMATION

ELEVATE 50 WDG Fungicide is a hydroxylanilide 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, Elevate 50WDG 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 ELEVATE 50 WDG is used to control Botrytis diseases, suppression of powdery mildew (*Uncinula necator*) on grapes and ornamental crops 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 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

ELEVATE 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 ELEVATE 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 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 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.

## 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

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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 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 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. 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.

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ALMONDS			
Disease		Application Rate	Application Timing
Blossom blight, Twig blight ( <i>Monilinia</i> spp.)	Stand-alone	1.5 lbs/A (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 lbs/A (0.5 – 0.75 lb AI/A)	
<b><u>Restrictions</u></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, ELEVATE 50 WDG Fungicide 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>			

<b>BUSHBERRIES (blueberries, gooseberries, currants and huckleberries) JUNE BERRIES, LINGON BERRIES AND SALAL</b>		
<b>Disease</b>	<b>Application Rate</b>	<b>Application Timing</b>
Gray mold ( <i>Botrytis cinerea</i> )	1.5 lbs/A (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</b>	<b>Application Timing</b>
Gray mold ( <i>Botrytis cinerea</i> )	1.5 lbs/A (0.75 lb AI/A)	<ul style="list-style-type: none"> <li>• Begin 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 lb AI/A/season).</li> </ul>		



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CILANTRO			
Transplant and Greenhouse Production			
Transplant Production			
Disease		Application Rate	Application Timing
Gray mold ( <i>Botrytis cinerea</i> )	Stand-alone	1.5 lbs/A (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 favor disease development.</li></ul>
	Tank-mix	1.0 - 1.5 lbs/A (0.5 - 0.75 lb AI/A)	
Greenhouse Production			
Disease		Application Rate	Application Timing
Gray mold ( <i>Botrytis cinerea</i> )	Stand-alone	1.5 lbs/A (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 favor disease development.</li><li>• Do not apply within 3 days of harvest.</li></ul>
	Tank-mix	1.0 - 1.5 lbs/A (0.5 - 0.75 lb AI/A)	
<u>Restrictions</u> <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, ELEVATE 50 WDG Fungicide 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 cilantro to control <i>Botrytis cinerea</i>.</li></ul>			
<u>Transplant Production</u> <ul style="list-style-type: none"><li>• Apply in a full coverage protective spray.</li><li>• Do not apply more than 3.0 lbs ELEVATE 50 WDG (1.5 lb AI) per acre to transplants.</li></ul>			
<u>Greenhouse Production</u> <ul style="list-style-type: none"><li>• PHI = 3 days.</li><li>• Do not apply on transplanted cilantro prior to bloom.</li><li>• Do not apply more than 3.0 lbs of ELEVATE 50 WDG (1.5 lb AI) per acre per crop.</li></ul>			

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CUCUMBER			
Transplant and Greenhouse Production			
Transplant Production			
Disease	Application Rate		Application Timing
Gray mold ( <i>Botrytis cinerea</i> )	Stand alone	1.5 lbs/A (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-mixed	1.0 - 1.5 lbs/A (0.5 - 0.75 lb AI/A)	
Greenhouse Production			
Disease	Application Rate		Application Timing
Gray mold ( <i>Botrytis cinerea</i> )	Stand alone	1.5 lbs/A (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-mixed	1.0 - 1.5 lbs/A (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, ELEVATE 50 WDG Fungicide 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 ELEVATE 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 of ELEVATE 50 WDG (3.0 lb AI) per acre per season.</li></ul>			

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**FRUITING VEGETABLES (EGGPLANT, GROUND CHERRY, PEPINO, PEPPER (bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), TOMATILLO AND TOMATO)**

**Transplant and Greenhouse Production**

**Transplant Production**

Disease	Application Rate		Application Timing
Gray mold ( <i>Botrytis cinerea</i> )	Stand alone	1.5 lbs/A (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-mixed	1.0 - 1.5 lbs/A (0.5 - 0.75 lb AI/A)	

**Greenhouse Production**

Disease	Application Rate		Application Timing
Gray mold ( <i>Botrytis cinerea</i> )	Stand alone	1.5 lbs/A (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-mixed	1.0 - 1.5 lbs/A (0.5 - 0.75 lb AI/A)	

**Restrictions**

- Do not apply in field.
- 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 Fungicide 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 *Botrytis cinerea*.

**Transplant Production**

- Apply in a full coverage protective spray.
- Do not apply more than 6.0 lbs ELEVATE 50 WDG (3.0 lb AI) per acre to transplants.

**Greenhouse Production**

- PHI = 0 day.
- Do not make more than 6.0 lbs of ELEVATE 50 WDG (3.0 lb AI) per acre per season.

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GINSENG (Except CA)		
Disease	Application Rate	Application Timing
Botrytis leaf and fruit blight ( <i>Botrytis cinerea</i> )	1.5 lb/A (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/A/season (3.0 lbs AI/A/season).</li> </ul>		

GRAPES		
Disease	Application Rate	Application Timing
Botrytis bunch rot ( <i>Botrytis cinerea</i> )	1.0 lb/A (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>
Powdery mildew suppression ( <i>Uncinula necator</i> )		
<b>Restrictions</b> <ul style="list-style-type: none"> <li>• PHI = 0 day.</li> <li>• Elevate 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/A/season (1.5 lbs AI/A/season).</li> </ul>		

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KIWI			
Post-Harvest Applications			
Disease	Application Type	Application Rate	Application Timing
Botrytis Fruit Rot ( <i>Botrytis cinerea</i> )	Packing-line spray	1.5 lbs (0.75 lb AI)/200,000 lbs fruit in 8–20 gallons of water.	Post-harvest
	Fruit dip treatment	1.5 lbs (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 Elevate 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 Elevate 50 WDG remaining in the mixture, assume that the tank still contains the initial concentration of Elevate 50 WDG per gallon (1.5 lbs per 100 gallons).</li> <li>• If the dip or spray mixture contains other pesticides in addition to Elevate 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			
Transplant Production			
Disease	Application Rate		Application Timing
Gray mold ( <i>Botrytis cinerea</i> )	Stand-alone	1.5 lbs/A (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 lbs/A (0.5 - 0.75 lb AI/A)	
Greenhouse Production			
Disease	Application Rate		Application Timing
Gray mold ( <i>Botrytis cinerea</i> )	Stand-alone	1.5 lbs/A (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 lbs/A (0.5 - 0.75 lb AI/A)	
<u>Restrictions</u>			
<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, ELEVATE 50 WDG Fungicide 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>			
<u>Transplant Production</u>			
<ul style="list-style-type: none"><li>• Apply in a full coverage protective spray.</li><li>• Do not apply more than 3.0 lbs ELEVATE 50 WDG (1.5 lb AI) per acre to transplants.</li></ul>			
<u>Greenhouse Production</u>			
<ul style="list-style-type: none"><li>• PHI = 3 days.</li><li>• Do not make more than 3.0 lbs of ELEVATE 50 WDG (1.5 lb AI) per acre per crop.</li></ul>			

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PISTACHIOS		
Disease	Application Rate	Application Timing
Botrytis blossom and shoot blight ( <i>Botrytis cinerea</i> )	1.0 - 1.5 lbs/A (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, ELEVATE 50 WDG Fungicide may be applied 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	Application Timing
Brown rot, Blossom blight, Twig blight ( <i>Monilinia</i> spp.)	Stand-alone	1.5 lbs/A (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>
	Tank-mix	1.0-1.5 lbs/A (0.5 - 0.75 lb AI/A)	
Gray mold on cherries ( <i>Botrytis cinerea</i> )		1.0 - 1.5 lbs/A (0.5 - 0.75 lb AI/A)	<ul style="list-style-type: none"> <li>• Early bloom.</li> <li>• Then every 7-10 days or when conditions favor disease development.</li> <li>• Up to day of harvest.</li> </ul>
Post-Harvest Application – Stone Fruit except Cherries			
Disease	Application Rate		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 wax/oil emulsion to 200,000 lbs of fruit	Post-harvest
	Low volume (concentrated)	1.5 lb (0.75 lb AI) In a minimum of 8 gallons of water, wax/oil emulsion or aqueous dilution of a wax/oil emulsion to 200,000 lbs of fruit	

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Post-Harvest Application - Cherries		
Disease	Application Rate	Application Timing
Brown rot ( <i>Monilinia</i> spp.) and 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

#### Restrictions

##### Field

- 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 Fungicide 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 stonefruit to control *Monilinia* spp.
- Under conditions conducive to low or moderate *Botrytis* disease pressure only, ELEVATE 50 WDG Fungicide may be applied at a rate of 1.0 lb (0.5 lb AI) per acre to control *Botrytis cinerea* on cherries only.
- Do not apply more than a maximum of 6.0 lbs/A/season (3.0 lbs AI/A/season).

##### Post-harvest

- Apply only as post-harvest spray to fruit in a packing line or dip fruit in the solution for 30 seconds.
- Do not make more than one post-harvest application.
- For low volume (concentrated) application use a control droplet-type application (CDA) system or similar low volume system.
- Do not apply more than 1.5 lb of ELEVATE 50 WDG (0.75 lb AI) as a post-harvest treatment.
- Leftover dip or spray mixtures containing Elevate 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.
- When calculating application rates, if analytical services are not available to determine the exact quantity of Elevate 50 WDG remaining in the mixture, assume that the tank still contains the initial concentration of Elevate 50 WDG per gallon (1.5 lb per volume).
- If the dip or spray mixture contains other pesticides in addition to Elevate 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.



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STRAWBERRIES			
Disease		Application Rate	Application Timing
Gray mold ( <i>Botrytis cinerea</i> )	Stand-alone	1.5 lbs/A (0.75 lb AI/A)	<ul style="list-style-type: none"> <li>• Begin applications 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 lbs/A (0.5-0.75 lb AI/A)	

#### Restrictions

- PHI = 0 day.
- Under conditions conducive to low or moderate disease pressure only, ELEVATE 50 WDG Fungicide 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 *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/A/season (3.0 lbs AI/A/season)
- When plastic mulch is used, do not apply within 16 feet (5 meters) of naturally vegetated or aquatic areas.

#### **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.

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

<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.

High Volume Sprays		
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 Sprays		
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 ELEVATE 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 ELEVATE 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.

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**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).

**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:**

**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.

**CONDITIONS OF SALE**

1. Arvesta Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the Directions for Use under normal conditions of use.
2. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Arvesta. **ARVESTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. ARVESTA DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**
3. Critical and unforeseeable factors beyond Arvesta's control prevent Arvesta from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which the product is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the use stated on the label and even though label directions are followed. Except as stated in 1 above, Buyer

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and User acknowledge and assume all risks and liabilities resulting from handling, storage, and use of this product.

4. For species and their varieties or cultivars not specifically listed on the label, the user assumes all risk from phytotoxicity or unacceptable residue or disease control.

Fenhexamid was invented and is produced by Bayer AG, Germany.  
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