



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 11, 2022

Marian Bleeke
Senior Regulatory Affairs Manager
Bayer CropScience LP
800 N. Lindbergh Blvd.
St. Louis, MO 63167

Subject: Registration Review Label Mitigation for Trifloxystrobin
Product Name: ADAMENT 50 WG FUNGICIDE
EPA Registration Number: 264-1052
Application Date: 07/12/2019
Decision Number: 553116

Dear Marian Bleeke:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Trifloxystrobin Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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If you have any questions about this letter, please contact DeMariah Koger by phone at (202)-566-2288, or via email at koger.demariah@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington", with a long horizontal flourish extending to the right.

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure

TEBUCONAZOLE	GROUP	3	FUNGICIDE
TRIFLOXYSTROBIN	GROUP	11	FUNGICIDE

ADAMENT[®] 50 WG Fungicide

For control of certain diseases on almonds, grapes, pistachio, pome fruit, stone fruit and tree nuts

ACTIVE INGREDIENTS:

Tebuconazole.....	25.0%
Trifloxystrobin.....	25.0%

OTHER INGREDIENTS:..... 50.0%

TOTAL:..... 100.0%

EPA Reg. No. 264-1052

EPA Est. No.

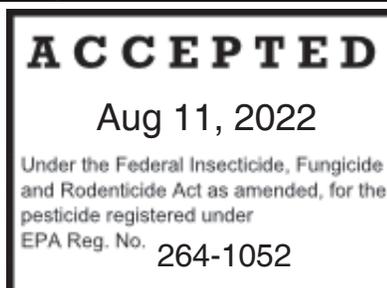
KEEP OUT OF REACH OF CHILDREN CAUTION

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)

See [Back][Side] Panel for First Aid Instructions and [Leaflet][Booklet] for Complete Precautionary Statements and Directions for Use. [Note to reviewer: Location of additional precautionary statements, directions for use will vary between those listed, depending on container type/size.]

FIRST AID

IF IN EYES:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not give anything to an unconscious person.
IF ON SKIN:	<ul style="list-style-type: none"> 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.
IF INHALED:	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
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.	
NOTE TO PHYSICIAN: No specific antidote. Treat Symptomatically.	



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes moderate eye irritation. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes, and clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

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

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

ENGINEERING CONTROL STATEMENTS

When handlers use closed systems, enclosed cabs, or aircraft 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.

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.
- 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 mammals, fish and aquatic invertebrates. Applying this product when rain is not predicted for the next 24 hours will help reduce potential risk to aquatic invertebrates by reducing pesticide runoff from the treatment area into water bodies. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash water or rinsate.

Ground Water Advisory:

Several trifloxystrobin degradates have properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

Tebuconazole is known to leach through soil into ground under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

Surface Water Advisory:

This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted within 48 hours.

DIRECTIONS FOR USE

**It is a violation of federal law to use this product in a manner inconsistent with its labeling.
Do not use this product until you have read the entire label.**

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

PRODUCT INFORMATION

ADAMENT® 50 WG Fungicide is a broad spectrum fungicide for the control of certain diseases of almonds, grapes, pistachio, pome fruit, stone fruit and tree nuts. ADAMENT 50 WG Fungicide works by interfering with both energy and cell membrane production in plant pathogenic fungi.

UNDER CERTAIN CONDITIONS CONDUCIVE TO EXTENDED INFECTION PERIODS, ADDITIONAL FUNGICIDE APPLICATIONS BEYOND THE NUMBER ALLOWED BY THIS LABEL MAY BE NEEDED. UNDER THESE CONDITIONS, USE ANOTHER FUNGICIDE REGISTERED FOR THE CROP/DISEASE.

DO NOT APPLY ADAMENT TO CONCORD GRAPES OR CROP INJURY MAY OCCUR.

FUNGICIDE RESISTANCE MANAGEMENT (FRAC) RECOMMENDATIONS

For resistance management, please note that ADAMENT 50 WG Fungicide contains both a Group 3 and Group 11 fungicide. Any fungal population may contain individuals naturally resistant to ADAMENT 50 WG Fungicide and other Group 3 or Group 11 fungicides. A gradual or total loss of pest control may occur over time if these (fungicides) are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance, take one or more of the following steps:

- Rotate the use of ADAMENT 50 WG Fungicide or other Group 3 or Group 11 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal/bacterial populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact Bayer CropScience at 1-866-99BAYER (1-866-992-2937). You can also contact your pesticide distributor or university extension specialist to report resistance.

SPRAY EQUIPMENT

Thorough coverage is necessary to provide good disease control. Applications using sufficient water volume to provide thorough and uniform coverage generally provide the most effective disease control. For ground application equipment, use a minimum of 10 gal./A.

Broadcast Ground Sprayers

Equip sprayers with nozzles that provide accurate and uniform application. Be certain that nozzles are the same size and uniformly spaced across the boom. Calibrate the sprayer before use.

Use a pump with the capacity to: (1) maintain a minimum of 35 psi at nozzles, and (2) provide sufficient agitation in the tank to keep the mixture in suspension; this requires recirculation of 10% of the tank volume per minute. Use jet agitators or a liquid sparge tube for vigorous agitation.

Use screens to protect the pump and to prevent nozzles from clogging. Screens placed on the suction side of the pump should be 16-mesh or coarser. Do not place a screen in the recirculation line. Use 50-mesh screens at the nozzles. Check nozzle manufacturer's recommendations.

For information on spray equipment and calibration, consult sprayer manufacturer's and/or state recommendations. For specific local spray schedules, consult the current state agricultural experiment station recommendations.

AERIAL APPLICATION

Do not apply this product by aerial application.

CHEMIGATION

Do not apply this product through any type of irrigation system.

MIXING PROCEDURES

Prepare no more spray mixture than is needed for the immediate operation. Thoroughly clean spray equipment before using this product. Vigorous agitation is necessary for proper dispersal of the product. Maintain maximum agitation throughout the spraying operation. Do not let the spray mixture stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

ADAMENT 50 WG Fungicide Alone: Add approximately 1/2 of the required amount of water to the mix tank. With the agitator running, add the ADAMENT 50 WG Fungicide to the tank. Continue agitation while adding the remainder of the water. Begin application of the solution after the ADAMENT 50 WG Fungicide has completely and uniformly dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

ADAMENT 50 WG Fungicide + Tank Mix Partners: Add approximately 1/2 of the required amount of water to the mix tank. Start the agitator running before adding any tank mix partners. In general, tank mix partners should be added in this order: products packaged in watersoluble packaging*, wettable powders, wettable granules (dry flowables), liquid flowables, liquids, and emulsifiable concentrates. Always allow each tank mix partner to become fully and uniformly dispersed before adding the next product. Provide sufficient agitation while adding the remainder of the water. Maintain agitation until all of the mixture has been applied.

* Note: When using ADAMENT 50 WG Fungicide in tank mixtures, all products in water-soluble packaging should be added to the tank before any other tank mix partner, including ADAMENT 50 WG Fungicide. Allow the water-soluble packaging to completely dissolve and the product(s) to completely disperse before adding any other tank-mix partner to the tank. If using ADAMENT 50 WG Fungicide in a tank mixture, observe all directions for use, crop/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank mix partner product label. No label dosage rate may be exceeded, and the most restrictive label precautions and limitations must be followed. This product must not be mixed with any product which prohibits such mixing. Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the referenced products are registered.

ADAMENT 50 WG Fungicide is compatible with most insecticide, fungicide, and foliar nutrient products. However, the physical compatibility of ADAMENT 50 WG Fungicide with tank mix partners should be tested before use. To determine the physical compatibility of ADAMENT 50 WG Fungicide with other products, use a jar test, as described below.

Using a quart jar, add the proportionate amounts of the products to 1 quart of water. Add wettable powders and water-dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

The crop safety of all potential tank mixes, including additives and other pesticides, on all crops has not been tested. Before applying any tank mixture not specifically recommended on this label, the safety to the target crop should be confirmed. To test for crop safety, apply the tank mixture to the target crop in a small area and in accordance with label instructions for the target crop.

SPRAY DRIFT

Aerial Applications

- For aerial applications, do not apply when wind speeds exceed 15 mph at the application site. If the wind speed is greater than 10 mph, the boom length must be 65% or less of the wingspan for fixed wing aircraft and 75% or less of the rotor diameter for helicopters. Otherwise, the boom length must be 75% or less of the wingspan for fixed-wing aircraft and 90% or less of the rotor diameter for helicopters.
- Do not release spray at a height greater than 10 ft above the ground or vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Do not apply during temperature inversions.

Airblast applications

- Sprays must be directed into the canopy.
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- User must turn off outward pointing nozzles at row ends and when spraying outer row.
- Do not apply during temperature inversions.

Ground Boom Applications

- Apply with the nozzle height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators are required to use a medium or coarser droplet size (ASABE S572.1).
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size -Ground Boom

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size – Aircraft

- Adjust Nozzles - Follow nozzle manufacturers recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

BOOM HEIGHT-Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

RELEASE HEIGHT – Aircraft

Higher release heights increase the potential for spray drift.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

Handheld Technology Applications:

- Take precautions to minimize spray drift.

RAINFASTNESS

ADAMENT 50 WG Fungicide is rainfast when dry, generally in 2 hours, and dependent on local weather conditions, such as humidity and wind.

USE DIRECTIONS FOR SPECIFIC CROPS

ADAMENT 50 WG Fungicide provides control or suppression of several important diseases of almonds, grapes, pistachio, pome fruit, stone fruit and tree nuts. When reference is made to disease suppression, suppression can mean either erratic control from good to fair, or consistent control at a level below that obtained with the best commercial disease control products.

Almonds		
Disease Control	Rate (oz./acre)	Application Timing
Brown Rot Blossom Blight (<i>Monilinia laxa</i> , <i>M. fructicola</i>)	4 to 8	Begin applications when conditions are favorable for disease but before infection. Apply on a 7- to 14-day spray schedule. Use higher rates and shorter intervals when disease pressure is severe. Refer to University and/or extension guidelines for best application timings.
Jacket Rot, Green Fruit Rot (<i>Botrytis cinerea</i>)		
Alternaria (<i>Alternaria alternata</i>)		
Anthracnose (<i>Colletotrichum acutatum</i>)		
Shot Hole (<i>Wilsonomyces carpophilus</i>)		
Powdery Mildew (<i>Podosphaera tridactyla</i> , <i>Sphaerotheca pannosa</i>)		
Scab (<i>Cladosporium carpophilum</i>)		
Rust (<i>Tranzschelia discolor</i>)		
Restrictions: Do not apply more than 32 oz. of ADAMENT 50 WG FUNGICIDE per acre per season. Do not make more than 4 total applications of ADAMENT 50 WG FUNGICIDE per season. Do not apply ADAMENT 50 WG FUNGICIDE within 35 days of harvest. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. ADAMENT 50 WG FUNGICIDE is a mixture of a Group 11 and a Group 3 fungicide. To limit the potential for the development of resistance, do not apply more than 2 sequential applications of ADAMENT 50 WG FUNGICIDE or other Group 11-containing fungicides.		

Grapes: DO NOT APPLY ADAMENT TO CONCORD GRAPES OR CROP INJURY MAY OCCUR.

Disease Control	Rate (oz./acre)	Application Timing
Powdery Mildew (<i>Uncinula necator</i>)	3	Begin applications when conditions are favorable for disease but before infection. Apply on a 14-day spray schedule.
	4	Begin applications when conditions are favorable for disease but before infection. Apply on a 21-day spray schedule.
Botrytis Bunch Rot (<i>Botrytis cinerea</i>)	6	Refer to timings listed above for grape powdery mildew. Research data show a trend toward better control if fungicides are applied at bloom, pre-bunch closure, and veraison. Continue on a 14- to 21-day spray schedule. Use shorter intervals when disease pressure is severe.
Phomopsis Cane & Leaf Spot (<i>Phomopsis viticola</i>)	6	Begin applications at bud break and continue up to bunch closure on a 14- to 21-day spray schedule. Use shorter intervals when disease pressure is severe.
Black Rot (<i>Guignardia bidwellii</i>)	4	Begin applications when conditions are favorable for disease but before infection. Apply on a 10- to 14-day spray schedule. Use shorter intervals when disease pressure is severe.
Disease Suppression	Rate (oz./acre)	Application Timing
Botrytis Bunch Rot (<i>Botrytis cinerea</i>) Phomopsis Cane & Leaf Spot (<i>Phomopsis viticola</i>)	4	Refer to timings listed above for grape powdery mildew. Use shorter intervals when disease pressure is severe.
Downy Mildew (<i>Plasmopara viticola</i>)	7.2	Begin applications when conditions are favorable for disease but before infection. Apply on a 10- to 14-day spray schedule. Use shorter intervals when disease pressure is severe.

Restrictions:

Do not apply more than 48 oz. of ADAMENT 50 WG FUNGICIDE per acre per season. Do not make more than 6 total applications of ADAMENT 50 WG Fungicide per season. Do not apply ADAMENT 50 WG Fungicide within 14 days of harvest. ADAMENT 50 WG Fungicide is a mixture of a Group 11 and a Group 3 fungicide. To limit the potential for the development of resistance, do not apply more than 2 sequential applications of ADAMENT 50 WG FUNGICIDE or other Group 11-containing fungicides.

Pistachios		
Disease Control	Rate (oz./acre)	Application Timing
Blossom & Shoot Blight (<i>Botrytis cinerea</i>) Alternaria Late Blight (<i>Alternaria alternata</i>)	4 to 8	Begin applications when conditions are favorable for disease but before infection. Apply on a 14- to 21-day spray schedule. Use higher rates and shorter intervals when disease pressure is severe.
Botryosphaeria Panicle & Shoot Blight (<i>Botryosphaeria dothidea</i>) Septoria Leaf Spot (<i>Septoria pistaciarum</i>)	4 to 8	Begin applications when conditions are favorable for disease but before infection. Apply on a 14- to 21-day spray schedule. Use higher rates and shorter intervals when disease pressure is severe.
Restrictions: Do not apply more than 24 oz. of ADAMENT 50 WG FUNGICIDE per acre per season. Do not make more than 4 total applications of ADAMENT 50 WG FUNGICIDE per season. Do not apply ADAMENT 50 WG FUNGICIDE within 35 days of harvest or after hull split. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. ADAMENT 50 WG FUNGICIDE is a mixture of a Group 11 and a Group 3 fungicide. To limit the potential for the development of resistance, do not apply more than 2 sequential applications of ADAMENT 50 WG FUNGICIDE or other Group 11-containing fungicides.		

Pome Fruits: (Apples, Pears, Crabapples, Loquat, Mayhaw, Quince)		Not for use in New York
Disease Control	Rate (oz./acre)	Application Timing
Scab (<i>Venturia</i> spp.)	Preventive 4	Begin applications at green tip and continue as needed on a 7- to 10-day spray schedule. Use higher rates and shorter intervals when disease pressure is severe.
	Post-Infection 5	Refer to University and/or extension guidelines for best application timings.
Cedar-Apple Rust (<i>Gymnosporangium juniperi-virginianae</i>)	4 to 5	Begin applications at green tip and continue as needed on a 7- to 10-day spray schedule. Use higher rates and shorter intervals when disease pressure is severe.
Powdery Mildew (<i>Podosphaera leucotricha</i>)	4 to 5	Begin applications at green tip and continue as needed on a 10- to 14-day spray schedule. Use higher rates and shorter intervals when disease pressure is severe.
Sooty Blotch (<i>Gloeodes pomigena</i>) Fly Speck (<i>Schizothyrium pomi</i>)	4 to 5	Begin applications when conditions are favorable for disease but before infection. Apply on a 10- to 14-day spray schedule. Use higher rates and shorter intervals when disease pressure is severe.
Disease Suppression	Rate (oz./acre)	Application Timing
Bitter Rot (<i>Glomerella cingulata</i>)	6	Begin applications when conditions are favorable for disease but before infection. Apply ADAMENT 50 WG FUNGICIDE solo at the specified rate or use a tank mix of ADAMENT 50 WG FUNGICIDE with 1.2 lbs. active ingredient of Captan per acre. Use higher rates and shorter intervals when disease pressure is severe. Continue applications as needed on a 10- to 14-day spray schedule.
White Rot (<i>Botryosphaeria dothidea</i>)	Tank mix with CAPTAN: 3	
Restrictions: Do not apply more than 22 oz. of ADAMENT 50 WG FUNGICIDE per acre per season. Do not make more than 4 total applications of ADAMENT 50 WG FUNGICIDE per season. Do not apply ADAMENT 50 WG FUNGICIDE within 75 days of harvest. ADAMENT 50 WG FUNGICIDE is a mixture of a Group 11 and a Group 3 fungicide. To limit the potential for the development of resistance, do not apply more than 2 sequential applications of ADAMENT 50 WG FUNGICIDE or other fungicide containing either a Group 3 or Group 11 fungicide.		

Stone Fruit (apricot, cherry, nectarine, peach, plum, plumcot, prune [fresh])		
Disease Control	Rate (oz./acre)	Application Timing
Brown Rot Blossom Blight <i>(Monilinia laxa, M. fructicola)</i> Jacket Rot, Green Fruit Rot <i>(Botrytis cinerea)</i> Shot Hole <i>(Wilsonomyces carpophilus)</i> Alternaria <i>(Alternaria alternata)</i> Anthracnose <i>(Colletotrichum acutatum)</i> Powdery Mildew <i>(Podosphaera spp., Sphaerotheca pannosa)</i> Rusty Spot <i>(Podosphaera leucotricha)</i> Scab <i>(Cladosporium carpophilum)</i> Cherry Leaf Spot <i>(Blumeriella jaapii)</i> Fruit Rot <i>(Monilinia fructicola)</i> Rust <i>(Tranzschelia discolor)</i>	4 to 8	Begin applications when conditions are favorable for disease but before infection. Apply on a 7- to 14-day spray schedule. Use higher rates and shorter intervals when disease pressure is severe. Refer to University and/or extension guidelines for best application timings.
Restrictions: Do not apply more than 32 oz. of ADAMENT 50 WG Fungicide per acre per season. Do not make more than 4 total applications of ADAMENT 50 WG Fungicide per season. Do not apply ADAMENT 50 WG Fungicide within 1 day of harvest. ADAMENT 50 WG Fungicide is a mixture of a Group 11 and a Group 3 fungicide. To limit the potential for the development of resistance, do not apply more than 2 sequential applications of ADAMENT 50 WG Fungicide or other Group 11 fungicides.		

Tree Nuts: beechnuts, brazil nuts, butternuts, cashews, chinquapins, filberts, hickory nuts, macadamia nuts, pecans, walnuts
(See Specific Use Directions for almonds and pistachios)

Disease Control	Rate (oz./acre)	Application Timing
<p>Jacket Rot, Green Fruit Rot, Blossom & Shoot Blight (<i>Botrytis cinerea</i>)</p> <p>Alternaria (<i>Alternaria alternata</i>)</p> <p>Anthracnose (<i>Colletotrichum acutatum</i>, <i>Glomerella cingulata</i>)</p> <p>Shot Hole (<i>Wilsonomyces carpophilus</i>)</p> <p>Powdery Mildew (<i>Podosphaera tridactyla</i>, <i>Sphaerotheca pannosa</i>)</p> <p>Scab (<i>Cladosporium carpophilum</i>, <i>Cladosporium caryigenum</i>)</p> <p>Eastern Filbert Blight (<i>Anisogramma anomala</i>)</p> <p>Rust (<i>Tranzschelia discolor</i>)</p>	<p>4 to 8</p>	<p>Begin applications when conditions are favorable for disease but before infection. Apply on a 7- to 14-day spray schedule.</p> <p>Use higher rates and shorter intervals when disease pressure is severe.</p> <p>Refer to University and/or extension guidelines for best application timings.</p>
<p>Botryosphaeria Panicle & Shoot Blight (<i>Botryosphaeria dothidea</i>)</p> <p>Septoria Leaf Spot (<i>Septoria pistaciarum</i>)</p>	<p>4 to 8</p>	<p>Begin applications when conditions are favorable for disease but before infection. Apply on a 14- to 21-day spray schedule.</p> <p>Use higher rates and shorter intervals when disease pressure is severe.</p>

Restrictions:

Do not apply more than 32 oz. of ADAMENT 50 WG FUNGICIDE per acre per season. Do not make more than 4 total applications of ADAMENT 50 WG FUNGICIDE per season. Do not apply ADAMENT 50 WG FUNGICIDE within 60 days of harvest or after hull split. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. ADAMENT 50 WG FUNGICIDE is a mixture of a Group 11 and a Group 3 fungicide. To limit the potential for the development of resistance, do not apply more than 2 sequential applications of ADAMENT 50 WG FUNGICIDE or other Group 11 -containing fungicides.

ROTATIONAL RESTRICTIONS

Treated areas may be replanted immediately following harvest with any crop listed on this label. For crops not listed on this label, do not plant back within 120 days of last application.

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in a cool, dry place and in such a manner as to prevent cross-contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If container is leaking or material 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. 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 number 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 Handling

Non-refillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Offer for recycling, if available. If not recycled, then puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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 must 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. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

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NET CONTENTS: 40 OZ

PRODUCED FOR



**Bayer CropScience LP
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