



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

January 17, 2024

Megan Mader
Regulatory Affairs Manager, Fruits and Vegetables
Bayer CropScience LP
800 N. Lindbergh Blvd.
St. Louis, MO 63167

Subject: Label Amendment - Registration Review Mitigation for Trifloxystrobin
Product Name: DISTINGUISH 480 SC FUNGICIDE
EPA Registration Number: 264-1027
Application Date: June 1, 2022
Decision Number: 553113

Dear Megan Mader:

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 Assurance.

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.

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 stylized flourish at the end.

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

ENCLOSURE: Stamped label

PYRIMETHANIL	GROUP	9	FUNGICIDE
TRIFLOXYSTROBIN	GROUP	11	FUNGICIDE

DISTINGUISH™ 480 SC Fungicide

For Use On: Almonds, Grapes, Pistachios, Pome Fruits, Potatoes, Stone Fruits (Except Cherries), Strawberries, and Tomatoes

ACTIVE INGREDIENT:

Pyrimethanil: 38.8 %

Trifloxystrobin:..... 5.4%

OTHER INGREDIENTS: 55.8 %

Contains 3.51 pounds of pyrimethanil and 0.49 pounds of trifloxystrobin per gallon. **TOTAL: 100.0 %**

EPA Reg. No. 264-1027

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)

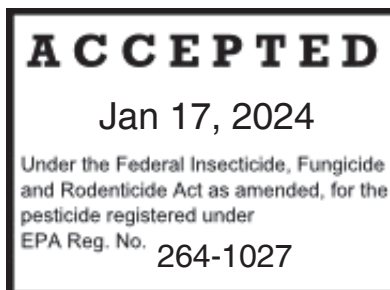
See [Back][Side] Panel for First Aid Instructions and [Leaflet][Booklet] for Complete Precautionary Statements and Directions for Use. [Note to reviewer: Location of additional precautionary statements, directions for use will vary between those listed, depending on container type/size.]

FIRST AID

IF 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 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. • Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<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.

For MEDICAL Emergencies Call 24 Hours A Day 1-800-334-7577.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

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

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixer/Loaders, applicators and other handlers of this product must wear long-sleeved shirt and long pants, shoes plus socks, and waterproof gloves.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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.

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 breakdown.

User Safety Recommendations

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. 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. Do not contaminate water when disposing of equipment washwater. Drift and run-off may be hazardous to aquatic organisms in water adjacent to treated areas.

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.

DIRECTIONS FOR USE

**It is a violation of Federal law to use this product in any manner inconsistent with its labeling.
Read entire label before using this product.**

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 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: long-sleeved shirt and long pants, and shoes plus socks.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store in original container and keep tightly closed. Store in a cool dry area.

PESTICIDE DISPOSAL

Pesticide wastes may be toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

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 and drain for 10 seconds after the flow begins to drip. Fill the container ¼ 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 and continue to drain for 10 seconds after the flow begins to drip. 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.

PRODUCT INFORMATION

DO NOT APPLY BY AERIAL APPLICATION IN NEW YORK STATE.

DISTINGUISH 480 SC FUNGICIDE is a sprayable, foliar fungicide for control of certain plant diseases on: almonds, pistachios, potatoes and strawberries. See crop-specific directions for a complete list of all crops approved for use. Use of DISTINGUISH 480 SC FUNGICIDE should be integrated into an overall disease, pest management, or IPM program. DISTINGUISH 480 SC FUNGICIDE may be used with disease forecasting or Extension advisory programs that recommend application timings based on environmental factors favorable to disease development. Consult with your local agricultural authorities for IPM strategies established for your area.

The higher rates in the rate range or shorter spray intervals may be required under conditions of heavy infection pressure, highly susceptible varieties, or when disease-conducive environmental conditions exist. FAILURE TO FOLLOW THE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN ILLEGAL RESIDUES, POOR DISEASE CONTROL, AND/OR CROP INJURY. Applications may be made at the longer spray intervals under low to moderate disease pressure.

FUNGICIDE RESISTANCE MANAGEMENT (FRAC) RECOMMENDATIONS

For resistance management, please note that DISTINGUISH 480 SC FUNGICIDE contains both a Group 9 and Group 11 fungicide. Any fungal population may contain individuals naturally resistant to DISTINGUISH 480 SC FUNGICIDE and other Group 9 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 DISTINGUISH 480 SC FUNGICIDE or other Group 9 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.

When applying DISTINGUISH 480 SC FUNGICIDE alone on any crop, do not make more than two consecutive applications of DISTINGUISH 480 SC FUNGICIDE without alternating to an equal number of applications of a fungicide from a different resistance management group. DISTINGUISH 480 SC FUNGICIDE must not be alternated or tankmixed with any fungicide to which resistance has already developed.

HOW TO USE DISTINGUISH 480 SC FUNGICIDE

Ground Application

Apply in a minimum of 50 gallons of water per acre for tree crops and 15 gallons of water per acre for field and vegetable crops. Thorough and uniform coverage is essential for effective disease control.

Aerial Application

Apply DISTINGUISH 480 SC FUNGICIDE using fixed-wing or rotary aircraft equipment in a minimum of 15 gallons of water per acre for tree crops and 5 gallons of water per acre for field and vegetable crops. Thorough and uniform coverage is essential for effective disease control.

Restriction: Do not apply this product in greenhouses.

Mixing Instructions

Prepare no more spray mixture than is needed for immediate operation. Add 1/2 of the required amount of water to the mix tank. Start the agitator running before adding the required amount of DISTINGUISH 480 SC FUNGICIDE. Continue agitation while filling the tank to ensure thorough mixing. Maintain agitation during application and apply with properly calibrated application equipment. DISTINGUISH 480 SC FUNGICIDE should be added to the tank before the addition of any adjuvant. A high quality spreader/sticker, approved for use on growing crops, may be used with DISTINGUISH 480 SC FUNGICIDE. Consult the adjuvant label or manufacturer for crop tolerance and safety information when used with DISTINGUISH 480 SC FUNGICIDE. Do not allow spray mixture to stand overnight or for prolonged periods.

Compatibility

DISTINGUISH 480 SC FUNGICIDE is compatible with most commonly used fungicide (except Captan 50 WP at <10 gallons spray volume per acre), herbicide, insecticide, and foliar nutrient products. However, the physical compatibility of DISTINGUISH 480 SC FUNGICIDE with all potential tankmix partners has not been fully investigated. If tankmixing with other pesticides is desirable, conduct a jar test with the volumes and rates typically used in agricultural application. Using a small container of water, add the proportionate amounts of the products: wettable powders and water-dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 15 minutes. Look for signs of separation, globules, sludge, flakes, or other precipitates. Physical compatibility is indicated if the combination remains mixed or can be remixed readily. THE CROP SAFETY OF ALL POTENTIAL TANK MIXES WITH DISTINGUISH, INCLUDING ADDITIVES AND OTHER PESTICIDES, HAS NOT BEEN TESTED ON ALL CROPS. BEFORE APPLYING ANY TANK MIXTURE, SAFETY TO THE TARGET CROP(S) SHOULD BE CONFIRMED. This product cannot be mixed with any product containing a label prohibition against such mixing. Follow the most restrictive label limitations and precautions.

Rotational Crop Restriction

Crops on this label may be rotated anytime following the last application of DISTINGUISH 480 SC FUNGICIDE. Do not rotate to other crops for 30 days following the last application of DISTINGUISH 480 SC FUNGICIDE.

MANDATORY SPRAY DRIFT MANAGEMENT

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 1/2 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.

DIRECTIONS FOR USE THROUGH SPRINKLER IRRIGATION SYSTEMS

Apply this product only through the following sprinkler irrigation systems: microjet, solid set, wheel lines and center pivot. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

For specific information about calibration, contact State Extension Service Specialists, equipment manufacturers or other irrigation experts.

SPRAY PREPARATION: Remove scale, pesticide residues, and other foreign matter from the chemical tank and entire injector system. Flush with clean water.

APPLICATION INSTRUCTIONS: First prepare a suspension of DISTINGUISH 480 SC FUNGICIDE in a mix tank. Fill tank with 1/2 to 3/4 the desired amount of water. Start mechanical or hydraulic agitation. Add the required amount of DISTINGUISH 480 SC FUNGICIDE and then the remaining volume of water. Then set sprinkler to deliver no more than 0.4 inch of water per acre. Start sprinkler and uniformly inject the suspension of DISTINGUISH 480 SC FUNGICIDE into the irrigation water line so as to deliver the desired rate per acre. The suspension of DISTINGUISH 480 SC FUNGICIDE must be injected with a positive displacement pump into the main line ahead of a right angle turn to ensure adequate mixing. If you should have any other questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

NOTE: When treatment with DISTINGUISH 480 SC FUNGICIDE has been completed, further field irrigation over the treated area should be avoided for 24 hours to prevent washing the chemical off the crop.

GENERAL PRECAUTIONS FOR APPLICATIONS THROUGH SPRINKLER IRRIGATION SYSTEMS

Maintain continuous agitation in mix tank during mixing and application to assure a uniform suspension. Greater accuracy in calibration and distribution will be achieved by injecting a larger volume of a more dilute solution per unit time. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional, normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shutdown. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. Do not apply when wind speed favors drift beyond the area intended for treatment. If you are unsure of wind conditions, contact your local extension agent.

Do not apply when wind speed favors drift, when system connection or fittings leak, when nozzles do not provide uniform distribution or when lines containing the product must be dismantled and drained. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from non-uniform distribution of treated water.

Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation shall shut the system down and make necessary adjustments should the need arise.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the label prescribed safety devices for public water supplies are in place.

ALMONDS

Disease Control	Rate (fl. oz./acre)	Application Timing	Notes
Brown Rot Blossom Blight <i>(Monilinia laxa, M. fructicola)</i> Jacket Rot/Green Fruit Rot <i>(Botrytis cinerea)</i>	12.8 to 26	Begin applications when conditions are favorable for diseases but before infection. Apply on a 7- to 14-day spray schedule. For Brown Rot Blossom Blight, begin applications at pink bud stage (about 5% bloom). If conditions are conducive for disease development, apply again at full bloom and at petal fall, or on a 7- to 14-day spray schedule.	Use higher rates and shorter intervals when disease pressure is severe.
Alternaria Late Blight <i>(Alternaria alternata)</i> Anthracnose <i>(Colletotrichum acutatum)</i> Rust <i>(Tranzschelia discolor)</i> Shot Hole <i>(Wilsonomyces carpophilus)</i> Scab <i>(Cladosporium carpophilum)</i>	18 to 26		
<p>Restrictions: Do not apply more than 78 fl. oz. of DISTINGUISH 480 SC FUNGICIDE per acre per season. Do not make more than 3 total applications of DISTINGUISH 480 SC FUNGICIDE per season. Do not apply DISTINGUISH 480 SC FUNGICIDE within 30 days of harvest. DISTINGUISH 480 SC FUNGICIDE is a mixture of a Group 9 and 11 fungicide. To limit the potential for the development of resistance, do not apply more than 2 sequential applications of DISTINGUISH 480 SC FUNGICIDE or other QoI-containing fungicides.</p>			

GRAPES

Disease Control	Rate (fl. oz./acre)	Application Timing	Notes
Powdery Mildew (<i>Uncinula necator</i>)	12.8	Begin applications when conditions are favorable for diseases but before infection. Apply on a 14-day spray schedule.	Use higher rates and shorter intervals when disease pressure is severe.
	18	Begin applications when conditions are favorable for diseases but before infection. Apply on a 14- to 21-day spray schedule.	
Botrytis Bunch Rot (<i>Botrytis cinerea</i>)	12.8 to 26	For Botrytis bunch rot, make applications at the critical timings for <i>Botrytis</i> control. Typically, first applications are made at early bloom, and/or berry touch to bunch closure, veraison, and pre-harvest. Use sufficient water to ensure penetration of the canopy and coverage of the flowers or bunches. Continue on a 14- to 21-day spray schedule.	

Restrictions: Do not apply DISTINGUISH 480 SC FUNGICIDE to concord grapes or crop injury may occur. Do not apply more than 52 fl. oz. of DISTINGUISH 480 SC FUNGICIDE per acre per season. Do not make more than 4 total applications of DISTINGUISH 480 SC FUNGICIDE per season. No adjuvants may be added to spray mixture. Do not apply DISTINGUISH 480 SC FUNGICIDE within 14 days of harvest. DISTINGUISH 480 SC FUNGICIDE is a mixture of a Group 9 and 11 fungicide. To limit the potential for the development of resistance, do not apply more than 2 sequential applications of DISTINGUISH 480 SC FUNGICIDE or other QoI-containing fungicides.

PISTACHIOS

Disease Control	Rate (fl. oz./acre)	Application Timing	Notes
Blossom & Shoot Blight (<i>Botrytis cinerea</i>)	12.8 to 26	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.
Panicle & Shoot Blight (<i>Botryosphaeria dothidea</i>) Septoria Leaf Spot (<i>Septoria pistaciarum</i>) Alternaria Late Blight (<i>Alternaria alternata</i>)	18 to 26	Begin applications when conditions are favorable for diseases but before infection. Apply on a 14- to 21-day spray schedule.	

Restrictions: Do not apply more than 78 fl. oz. of DISTINGUISH 480 SC FUNGICIDE per acre per season. Do not make more than 4 total applications of DISTINGUISH 480 SC FUNGICIDE per season. Do not apply DISTINGUISH 480 SC FUNGICIDE within 60 days of harvest. DISTINGUISH 480 SC FUNGICIDE is a mixture of a Group 9 and 11 fungicide. To limit the potential for the development of resistance, do not apply more than 2 sequential applications of DISTINGUISH 480 SC FUNGICIDE or other QoI-containing fungicides.

POME FRUITS

Crops: Apples, Pears, Crabapples, Loquat, Mayhaw, Quince			
Disease Control	Rate (fl. oz./acre)	Application Timing	Notes
Scab (<i>Venturia</i> spp.)	7 to 14.2	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.
Cedar-Apple Rust (<i>Gymnosporangium juniperi-virginianae</i>)	14.2	Begin applications at green tip and continue as needed on a 7- to 10-day spray schedule.	Use shorter intervals when disease pressure is severe. Alternate (every other application) with a sterol inhibitor fungicide or another non- QoI fungicide labeled for control of cedar-apple rust.
Powdery Mildew (<i>Podosphaera leucotricha</i>)	14.2	Begin applications at green tip and continue as needed on a 10- to 14-day spray schedule.	Use shorter intervals when disease pressure is severe. Alternate (every other application) with a sterol inhibitor fungicide or another non- QoI fungicide labeled for control of powdery mildew.
Sooty Blotch (<i>Gloeodes pomigena</i>) Fly Speck (<i>Schizothyrium pomi</i>)	14.2	Begin applications at green tip and continue as needed on a 10- to 14-day spray schedule.	Use shorter intervals when disease pressure is severe.
<p>Restrictions: Do not apply more than 57 fl. oz. of DISTINGUISH 480 SC FUNGICIDE per acre per season. Do not make more than 4 total applications of DISTINGUISH 480 SC FUNGICIDE per season. No adjuvants may be added to spray mixture. Do not apply DISTINGUISH 480 SC FUNGICIDE within 72 days of harvest. Do not apply DISTINGUISH 480 SC FUNGICIDE where spray drift may reach Concord grapes or crop injury may occur. Spray equipment should be rinsed after applying DISTINGUISH 480 SC FUNGICIDE before application of other products to Concord grapes or crop injury may occur. DISTINGUISH 480 SC FUNGICIDE is a mixture of a Group 9 and 11 fungicide. To limit the potential for the development of resistance, do not apply more than 2 sequential applications of DISTINGUISH 480 SC FUNGICIDE or other QoI-containing fungicides.</p>			

POTATOES

Disease Control	Rate (fl. oz./acre)	Application Timing	Notes
Early Blight (<i>Alternaria solani</i>) Botrytis Leaf Spot (<i>Botrytis cinerea</i>) Brown Spot (<i>Alternaria alternata</i>)	10	Begin applications when conditions are favorable for diseases but before infection. Apply on a 7- to 14-day spray schedule.	Use higher rates and shorter intervals when disease pressure is severe.
<p>Restrictions: Do not apply more than 50 fl. oz. of DISTINGUISH 480 SC FUNGICIDE per acre per season. Do not make more than 5 total applications of DISTINGUISH 480 SC FUNGICIDE per season. Do not apply DISTINGUISH 480 SC FUNGICIDE within 7 days of harvest. DISTINGUISH 480 SC FUNGICIDE is a mixture of a Group 9 and 11 fungicide. To limit the potential for the development of resistance, do not make more than one foliar application of DISTINGUISH 480 SC FUNGICIDE for foliar diseases before alternating to a labeled, effective non-QoI fungicide with a different mode of action for at least one application.</p>			

STONE FRUITS (Except Cherries)

Crops: apricot, nectarine, peach, plum (all varieties), Chickasaw plum, Damson plum, Japanese plum, Stanley plum, plumcot, prune (fresh)

Disease Control	Rate (fl. oz./acre)	Application Timing	Notes
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> Powdery Mildew <i>(Podosphaera spp., Sphaerotheca pannosa)</i> Scab <i>(Cladosporium carpophilum)</i> Cherry Leaf Spot <i>(Blumeriella jaapii)</i> Rust (<i>Tranzschelia discolor</i>)	18 to 26	Begin applications when conditions are favorable for diseases but before infection. Apply on a 7- to 14-day spray schedule. For Brown Rot Blossom Blight, begin applications at bud stage (about 5% bloom). If conditions are conducive for disease development, apply again at full bloom and at petal fall, or on a 7- to 14-day spray schedule. For Cherry Leaf Spot, Powdery Mildew, and Scab, begin applications preventively. Apply at petal fall and continue on a 7- to 14-day spray schedule.	Use higher rates and shorter intervals when disease pressure is severe.

Restrictions: Do not apply more than 78 fl. oz. of DISTINGUISH 480 SC FUNGICIDE per acre per season. Do not make more than 4 total applications of DISTINGUISH 480 SC FUNGICIDE per season. No adjuvants may be added to spray mixture. Do not apply DISTINGUISH 480 SC FUNGICIDE within 2 days of harvest. DISTINGUISH 480 SC FUNGICIDE is a mixture of a Group 9 and 11 fungicide. To limit the potential for the development of resistance, do not apply more than 2 sequential applications of DISTINGUISH 480 SC FUNGICIDE or other QoI-containing fungicides.

Do not use on cherries.

STRAWBERRIES

Disease Control	Rate (fl. oz./acre)	Application Timing	Notes
Gray Mold (<i>Botrytis cinerea</i>) Powdery Mildew (<i>Sphaerotheca maculans</i>) Anthracnose (suppression) (<i>Colletotrichum acutatum</i>) Phomopsis Leaf Blight and Soft Rot (suppression) (<i>Phomopsis obscurans</i>)	16 to 26	Begin applications when conditions are favorable for diseases but before infection. Apply on a 7- to 14-day spray schedule.	Use higher rates and shorter intervals when disease pressure is severe.

Restrictions: Do not apply more than 78 fl. oz. of DISTINGUISH 480 SC FUNGICIDE per acre per season. Do not make more than 3 total applications of DISTINGUISH 480 SC FUNGICIDE per season. Do not apply DISTINGUISH 480 SC FUNGICIDE within 1 day of harvest. DISTINGUISH 480 SC FUNGICIDE is a mixture of a Group 11 and a Group 9 fungicide. To limit the potential for the development of resistance, do not apply more than 2 sequential applications of DISTINGUISH 480 SC FUNGICIDE or other strobilurin-containing fungicides.

TOMATOES

Disease Control	Rate (fl. oz./acre)	Application Timing	Notes
Early Blight (<i>Alternaria solani</i>) Gray Mold (<i>Botrytis cinerea</i>)	10	Begin applications when conditions are favorable for diseases but before infection. Apply on a 7 to 14-day spray schedule.	Use higher rates and shorter intervals when disease pressure is severe.

Restrictions: Do not apply more than 50 fl. oz. of DISTINGUISH 480 SC FUNGICIDE per acre per season. Do not make more than 5 total applications of DISTINGUISH 480 SC FUNGICIDE per season. No adjuvants may be added to spray mixture. Do not apply DISTINGUISH 480 SC FUNGICIDE within 3 days of harvest. DISTINGUISH 480 SC FUNGICIDE is a mixture of a Group 9 and 11 fungicide. To limit the potential for the development of resistance, do not apply more than 2 sequential applications of DISTINGUISH 480 SC FUNGICIDE or other QoI-containing fungicides. Applications to tomatoes grown in greenhouses are prohibited.

IMPORTANT: READ BEFORE USE

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NET CONTENTS: 0.5 Gallons

Produced for



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