

82542-9

06-14-2011

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Mr. Robert Hawk
Source Dynamics LLC
10039 E. Troon North Drive
Scottsdale, AZ 85262

JUN 14 2011

Subject: Tebuconazole 45 DF Fungicide
EPA Reg. No. 82542-9
Decision Number 445329
Your submission dated March 11, 2011

Dear Mr. Hawk:

The label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable. One copy of the label stamped "Accepted" is enclosed for your records. Please submit one copy of the final printed label before the product is released for shipment.

With regard to the Offer to Pay requirements for Berkem Developpement, the address that you contacted them at is also the address that the Agency has on file. Our attempt to contact them over the phone was also not successful. If the Agency is successful at finding new contact information for Berkem Developpement we will forward their updated address to you. At that time, you will be required to make a new Offer to Pay and submit proof of receipt.

If you have any questions, please contact Tracy Keigwin of my team at (703) 305-6605 and/or via email at keigwin.tracy@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Mary L. Waller".

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

Enclosure: "Accepted" label

Additional crops January 25, 2011

TEBUCONAZOLE 45 DF Fungicide

ACTIVE INGREDIENT:

Tebuconazole: α -[2-(4-chlorophenyl)ethyl]- α -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol 45.0%

OTHER INGREDIENTS: 55.0%

TOTAL 100.0%

STOP – Read the label before use.

KEEP OUT OF REACH OF CHILDREN

WARNING AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(TO THE USER: If you do not understand the label, find someone to explain it to you in detail.)

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. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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.
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.
Note to Physician: No specific antidote. Treat symptomatically. The compound does not cause any definite symptoms that would be diagnostic. Contact with the eyes may cause irritation.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For Emergency Medical Assistance, call the National Pesticide Information Center 1-800-858-7378.	

ACCEPTED

6/14/2011

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registration number 82542-9

Produced for:
Source Dynamics, LLC
10039 E. Troon North Drive
Scottsdale, AZ 85262

EPA Registration No. 82542-9
EPA Est. No. 37429-2
Net Contents 2.5 Gal

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Causes substantial but temporary eye injury. Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with skin, eyes, and clothing. Avoid breathing spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA Chemical Resistant Category Selection Chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear

Remove and wash contaminated clothing before reuse. 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 CONTROLS 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 WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash thoroughly with soap and water after handling and 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 mammals, fish and aquatic invertebrates. 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 neighboring areas. Do not contaminate water when disposing of equipment wash water or rinsate.

GROUND WATER ADVISORY: 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 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 and notification to workers. 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). The REI for each crop is listed in the application directions associated with each crop.

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

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 is spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with handling of this material. Do not walk through spilled material. Dispose of pesticide as directed below. In spill or leak incidents, keep unauthorized people away.

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

Nonrefillable container. Do not reuse or refill this container. Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION

Spray Volume: Tebuconazole 45 DF may be applied in 50 gallons or more of spray solution per acre by ground spray equipment or in 15 gallons or more per acre by aircraft equipment except as noted under "REMARKS" for each crop. Increase spray volume as crop growth increases to ensure thorough coverage of the foliage and fruit. Check equipment calibration frequently. Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied.

Do not apply by aerial application on Long Island, New York.

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

Mixing: Add specified amount of Tebuconazole 45 DF to the spray tank while filling with water to the desired level. Maintain agitation while mixing. If other materials are added to the spray tank, be sure that the Tebuconazole 45 DF is thoroughly dispersed before other materials are added.

Compatibility: To determine the compatibility of Tebuconazole 45 DF with other mixing partners, use the following procedure:

Pour the recommended proportions of the products into a suitable container of water, mix thoroughly and allow to stand at least five (5) minutes. If the combination remains mixed or can be re-mixed readily, the mixture is considered physically compatible. For further information contact your local SOURCE DYNAMICS, LLC representative.

OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES OR NATURAL PONDS, ESTUARIES AND COMMERCIAL FISH PONDS.

Spray Drift Management: The interaction of many equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all of these factors when making application decisions. Avoiding spray drift is the responsibility of the applicator.

Buffer Zone Requirements: For soil or foliar applications, do not apply by ground within 25 feet, or by air within 150 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.

Recommendations for Aerial Applications: The spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used, and must not exceed 75% of the wing span or rotor diameter.

Importance of Droplet Size: An important factor influencing drift is droplet size. Small droplets (<150 – 200 microns) drift to a greater extent than large droplets. Within typical equipment specifications, applications should be made to deliver the largest droplet spectrum that provides sufficient control and coverage. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure.

Spray should be released at the lowest possible height consistent with good pest control and flight safety. Applications more than 10 feet above the crop canopy should be avoided.

Wind Speed Restrictions: Drift potential increases at wind speeds of less than 3 mph (due to inversion potential) or more than 10 mph. Do not apply when winds are greater than 15 mph and avoid gusty and windless conditions. Risk of exposure to sensitive aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.

Restrictions During Temperature Inversions: Do not make aerial or ground applications during temperature inversions. Drift potential is high during temperature inversions. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source. 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.

Airblast (Air Assist) Specific Recommendations for Tree Crops and Vineyards: Airblast sprayers carry droplets into the canopy of trees/vines via a radially or laterally directed air stream. The following specific

drift management practices should be followed:

- Adjust deflectors and aiming devices so that spray is directed only into the canopy.
- Block off upward pointed nozzles when there is no overhanging canopy.
- Use only enough air volume to penetrate the canopy and provide good coverage.
- Do not allow the spray to go beyond the edge of the cultivated area. Turn off sprayer when turning at end rows.
- Spray only inward, toward the orchard or vineyard, for applications to the outside rows.

Runoff Management: Do not cultivate within 10 feet of the aquatic areas to allow growth of a vegetative filter strip. When used on erodible soils, best management practices for minimizing runoff should be employed. Consult your local Soil Conservation Service for recommendations in your use area.

ROTATIONAL CROPS

Any crop not specified on this label may be planted into treated areas 120 days after last application.

APPLICATION DIRECTIONS			
CROP	DISEASE	RATE OF TEBUCONAZOLE 45 DF	
Grape	Black rot Powdery mildew	4 oz per acre	Restricted Entry Interval (REI) = 12 hours
<p>Powdery mildew: Apply in a preventive spray schedule. Make the first application of Tebuconazole 45 DF before bloom and continue applications using spray intervals of up to 21 days in low to moderate disease pressure. Use a 14-day schedule when disease pressure is severe.</p> <p>Black rot: <u>Preventive Schedule:</u> Make the first application at 1 – 3 inches of new shoot growth and continue at 7- to 14-day intervals through 5° Brix stage or until veraison (berry coloring) is complete. Apply at 1-inch new shoot growth and at 7- to 14-day intervals on highly susceptible varieties or under severe disease conditions.</p> <p><u>Post-Infection Schedule:</u> A post-infection schedule may be followed from 1-inch new shoot growth through 5° Brix stage. Apply within 72 hours after the beginning of an infection period. Tebuconazole 45 DF applications should not be closer than 7 days apart. Continue Tebuconazole 45 DF applications using the preventive schedule if the post-infection schedule is discontinued.</p> <p>Botrytis: Tebuconazole 45 DF, applied in a powdery mildew spray schedule, will enhance the activity of registered fungicides used for control of Botrytis bunch rot. Applications must be made on a 14-day schedule for suppression of Botrytis.</p> <p>GENERAL USE DIRECTIONS Tebuconazole 45 DF may be applied up to 14 days before harvest. A maximum of 2 pounds of Tebuconazole 45 DF may be applied per acre per crop season. The minimum interval between applications is 7 days.</p> <p>Tebuconazole 45 DF may be applied only by ground in the State of New York.</p> <p>Apply product in sufficient water for thorough coverage of vines and fruit. Increase spray volume as vine growth increases.</p> <p>RESISTANCE MANAGEMENT STRAGETY Tebuconazole 45 DF is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in tank mix or alternated (every other spray application) with a non-DMI (protectant) fungicide as a resistance management strategy. Do not mix Tebuconazole 45 DF with other DMI fungicides.</p>			

APPLICATION DIRECTIONS				
CROP	DISEASE	RATE OF TEBUCONAZOLE 45 DF		
Stone Fruits: Apricot Cherry Nectarine Peach Plum Plumcot Prune (fresh)	Brown rot (blossom blight, fruit rot) Cherry leaf spot Powdery mildew	2 oz/100 gallons*	4 – 8 oz/acre**	Restricted Entry Interval (REI) = 5 days
Peach Plum Plumcot Prune (fresh)	Rust	2 oz/100 gallons	5 – 8 oz/acre	
<p>Blossom blight: Begin application at white bud on cherry or pink bud on peach and nectarine. Apply again at 50% bloom and at petal fall if conditions continue to be favorable for disease development.</p> <p>Fruit rot: Begin application at two to three weeks before harvest and continue at 7-day intervals through the day of harvest. The blossom and fruit stages must be protected for optimum control of brown rot. If Tebuconazole 45 DF is applied during only one of these stages, another registered fungicide should be applied to the other stage to provide optimum protection. Additional cover sprays during the early postbloom period are also important for preventing quiescent fruit infections in sweet cherry and peach.</p> <p>Leaf spot: Begin applications at petal fall or when first leaves unfold and continue applications at 7- to 14-day intervals. Applications should be made at 7-day intervals early in the growing season when terminal growth is rapid and/or under severe disease conditions. A post-harvest application may be made to maintain control and reduce over-wintering inoculum.</p> <p>Powdery mildew: Follow leaf spot schedule until terminal growth ceases.</p> <p>Rust: Begin applications after canker emergence and continue applications at 14-day intervals under severe disease conditions.</p> <p>GENERAL USE DIRECTIONS: Tebuconazole 45 DF may be applied up to and including the day of harvest (0-day PHI). Do not apply more than 3 lb of product per acre per crop season.</p> <p>* When using the 2 oz/100 gallon rate, use at least 4 oz of Tebuconazole 45 DF per acre.</p> <p>** The amount of Tebuconazole 45 DF required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees. For smaller trees, multiply 2 oz times the number of 100 gallons of spray solution required to thoroughly wet, to the point of runoff, one acre of the trees being treated. For concentrate sprays, apply the same amount of product per acre as would be applied in a dilute spray based on tree size and foliage volume, but not less than 4 ounces of Tebuconazole 45 DF per acre. Apply 6 to 8 ounces per acre of Tebuconazole 45 DF when severe disease conditions exist.</p> <p>RESISTANCE MANAGEMENT STRATEGY</p> <p>Tebuconazole 45 DF is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in tank mix or alternated (every other spray application) with a non-DMI (protectant) fungicide as a resistance management strategy. Do not mix Tebuconazole 45 DF with other DMI fungicides.</p>				
Plums (post-harvest) including Chickasaw, Damson Japanese, Plumcot, Prune	Brown rot Grey Mold Rhizopus rot	8.0 oz per 200,000 lb of fruit		
Mix specified rate of Tebuconazole 45 DF in 100 gallons of water, with or without wax. Maintain Tebuconazole 45 DF suspension by direct or bypass agitation sufficient to prevent settling of product in				

spray mixture. Apply as spray to fruit as they travel along packing line. After sizing, sorting or washing, Tebuconazole 45 DF may be incorporated into a waxing system using conventional equipment that provides for even and complete coverage of fruit. Do not apply more than once prior to boxing and do not rinse.

APPLICATION DIRECTIONS			
CROP	DISEASE	RATE OF TEBUCONAZOLE 45 DF	
Pome Fruits: Apple Crabapple Loquat Mayhaw Pear Oriental Pear Quince	Scab	4 – 8 oz/acre*	2 oz/100 gal**
	Cedar-apple rust		
	Powdery mildew		

Scab:
Preventive Schedule: Apply at 7- to 10-day intervals from green tip through the second cover spray.
Post-infection Schedule: Apply within 72 hours after the beginning of a scab infection period. Tebuconazole 45 DF applications should not be closer than 7 days apart. Continue Tebuconazole 45 DF applications using the preventive schedule if the post-infection schedule is discontinued.
Cedar-apple rust: Apply at 7- to 10-day intervals from pink stage through the second cover spray.
Powdery mildew: Apply at 7- to 10-day intervals from pink stage through the second cover spray.

GENERAL USE DIRECTIONS

* The amount of Tebuconazole 45 DF required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees. For smaller trees, multiply 2 oz times the number of 100 gallons of spray solution required to thoroughly wet, to the point of runoff, one acre of the trees being treated.

** For concentrate sprays, apply the same amount of product per acre as would be applied in a dilute spray based on tree size and foliage volume.

Tebuconazole 45 DF may be applied up to 75 days before harvest. A total of 3 pounds of Tebuconazole 45 DF may be applied per acre per crop season.

Restricted Entry Interval (REI) = 5 days.

RESISTANCE MANAGEMENT STRATEGY

Tebuconazole 45 DF is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in tank mix or alternated (every other spray application) with a non-DMI (protectant) fungicide as a resistance management strategy. Do not mix Tebuconazole 45 DF with other DMI fungicides.

APPLICATION DIRECTIONS			
CROP	DISEASE	RATE OF TEBUCONAZOLE 45 DF	
Tree Nuts: Almond (see specific use directions) Beechnut Brazil nut Butternut Cashew Chestnut Chinquapin Filbert (see specific use directions) Hickory nut Macademia nut Pistachios (see specific use directions) Walnut	Brown rot blossom blight <i>Botryosphaeria</i> panicle and shoot blight Eastern filbert blight	8 oz/acre	Restricted Entry Interval (REI) = 12 hours
<p>Begin applications when conditions are favorable for disease but before infection. Apply on a 7- to 14-day schedule.</p> <p>A maximum of 32 ounces of product may be applied per acre per crop season. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. Tebuconazole 45 DF may be applied up to 35 days before harvest.</p> <p>RESISTANCE MANAGEMENT STRATEGY</p> <p>Tebuconazole 45 DF is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in tank mix or alternated (every other spray application) with a non-DMI (protectant) fungicide as a resistance management strategy. Do not mix Tebuconazole 45 DF with other DMI fungicides.</p>			
Almond	Brown rot blossom blight	8 oz/A	
<p>Brown rot blossom blight: Begin application at pink bud. If the bloom period is extended, and/or severe disease conditions exist, make a second application at full bloom. If conditions remain favorable for disease, make another application at petal fall.</p> <p>GENERAL USE DIRECTIONS</p> <p>Apply Tebuconazole 45 DF in a minimum spray volume of 15 gallons per acre by air or 50 gallons per acre by ground. Reduce the application interval for varieties that are highly susceptible to the indicated diseases or when severe disease conditions exist. The use of ground application after petal fall is preferred because of difficulty in penetrating the canopy and obtaining thorough coverage of the foliage and fruit by air.</p> <p>A maximum of 32 ounces of product may be applied per acre per crop season. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. Tebuconazole 45 DF may be applied up to 35 days before harvest.</p> <p>Restricted-entry Interval (REI) = 12 hours.</p> <p>RESISTANCE MANAGEMENT STRATEGY</p> <p>Tebuconazole 45 DF is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in tank mix or alternated (every other spray application) with a non-DMI (protectant) fungicide as a resistance management strategy. Do not mix Tebuconazole 45 DF with other DMI fungicides.</p>			
Filbert (Hazelnut)	Eastern filbert blight	8 oz/A	
<p>Apply Tebuconazole 45 DF in a preventive spray schedule when conditions are favorable for disease, such as budbreak when the first green tissue is visible. Continue applications of Tebuconazole 45 DF at 7- to 14-day intervals if weather conditions are conducive to disease development. Use shorter spray intervals during budbreak and rapid shoot elongation. The expanding shoot tip must be protected. Reduce the</p>			

application interval for varieties that are highly susceptible to the indicated disease or when severe disease conditions exist.

Apply Tebuconazole 45 DF in sufficient spray volume for thorough coverage. Tankmixing the lowest labeled rate of a spray surfactant with Tebuconazole 45 DF may improve spray coverage and penetration of the active ingredient into plant tissue. The use of ground application is preferred because of the difficulty in penetrating the canopy and obtaining thorough coverage of the foliage and stems by air. A maximum of 32 ounces of Tebuconazole 45 DF may be applied per acre per crop season. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. Tebuconazole 45 DF may be applied up to 35 days before harvest.

Restricted-entry Interval (REI) = 12 hours.

RESISTANCE MANAGEMENT STRATEGY

Tebuconazole 45 DF is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in tank mix or alternated (every other spray application) with a non-DMI (protectant) fungicide as a resistance management strategy. Do not mix Tebuconazole 45 DF with other DMI fungicides.

Pistachio	Botryosphaeria panicle and shoot blight	8 oz/A
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Botryosphaeria panicle and shoot blight: Begin application at 25% to 50% bloom and repeat again 10 to 14 days later to protect young flower clusters and fruit. Make two additional applications of Tebuconazole 45 DF 14 days apart beginning 49 days before harvest.

GENERAL USE DIRECTIONS

Apply Tebuconazole 45 DF in a minimum spray volume of 15 gallons per acre by air or 50 gallons per acre by ground. Reduce the application interval for varieties that are highly susceptible to the indicated diseases or when severe disease conditions exist. The use of ground application after petal fall is preferred because of difficulty in penetrating the canopy and obtaining thorough coverage of the foliage and fruit by air.

A maximum of 32 ounces of product may be applied per acre per crop season. Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas. Tebuconazole 45 DF may be applied up to 35 days before harvest.

Control of insect vectors and a thorough pruning program to remove plant tissue infected by *Botryosphaeria* are critical for optimum control of this disease.

Restricted-entry Interval (REI) = 12 hours.

RESISTANCE MANAGEMENT STRATEGY

Tebuconazole 45 DF is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in tank mix or alternated (every other spray application) with a non-DMI (protectant) fungicide as a resistance management strategy. Do not mix Tebuconazole 45 DF with other DMI fungicides.

APPLICATION DIRECTIONS			
CROP	DISEASE	RATE OF TEBUCONAZOLE 45 DF	
Banana	Black leaf streak	3.2 oz per acre	Restricted Entry Interval (REI) = 12 hours
Plantain	Yellow sigatoka		

Apply specified dosage as a foliar spray in a minimum of 20 gallons of water per acre to assure thorough coverage of the plants. Spray oil recommended for use on banana or plantain should be utilized at 4.3 pints per acre in a tank mix with Tebuconazole 45 DF. Thoroughly mix Tebuconazole 45 DF in the spray solution prior to the addition of spray oil. Make the first application before disease becomes established and repeat applications at 14-day intervals if necessary to maintain disease control.

Do not apply Tebuconazole 45 DF to non-bagged bananas. A maximum of 16 oz of Tebuconazole 45 DF may be applied per acre per harvest cycle. Tebuconazole 45 DF may be applied up to the day of harvest.

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**IMPORTANT INFORMATION
READ BEFORE USING PRODUCT**

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. The Directions for Use of this product reflect the opinion of experts based on field use and tests. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SOURCE DYNAMICS LLC or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of SOURCE DYNAMICS LLC and Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold SOURCE DYNAMICS LLC and Seller harmless for any claims relating to such factors.

SOURCE DYNAMICS, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SOURCE DYNAMICS LLC, and Buyer and User assume the risk of any such use. SOURCE DYNAMICS LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, SOURCE DYNAMICS LLC or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SOURCE DYNAMICS LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE, AT THE ELECTION OF SOURCE DYNAMICS LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT, OR COMPENSATION LIMITED TO DAMAGES NOT EXCEEDING THE FAIR MARKET PURCHASE PRICE, AND SHALL NOT INCLUDE INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

SOURCE DYNAMICS LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by the duly authorized representative of SOURCE DYNAMICS LLC.