

83529-29

10/5/2011

Subst 1/15



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7504P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

83529-29

OCT - 5 2011

NOTICE OF PESTICIDE:

X Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Tebu 45 DF

Name and Address of Registrant (include ZIP Code):

Sharda USA, LLC
P.O. Box 640
Hockessin, DE 19707

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

- 1. Submit and/or cite all data required for registration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

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Signature of Approving Official:

Mary L. Waller

Mary L. Waller, Product Manager (21)
Fungicide Branch, Registration Division (7504P)

Date:

10/5/2011

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Notice of Pesticide Registration
Product name: Tebu 45 DF
EPA Reg. No. 83529-29
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2. You must submit the following conditional data before the due date of 09/30/2013:

Storage Stability (830.6317) and Corrosion Characteristics (830.6320) studies.

3. Make the following changes to the label:

- a. Change the product registration number to "EPA Reg. No. 83529-29."
- b. On page 2, within the "User Safety Recommendations" section, add a third bullet to state "Remove PPE immediately after handling product; Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing."

4. Submit one copy of the revised final printed label for the record before the product is released for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A copy of the label stamped "Accepted with Comments" is enclosed for your records.



Mary L. Waller
Product Manager (21)
Fungicide Branch
Registration Division (7504P)

Enclosures:

Label stamped "Accepted with Comments"

End-Use Product Chemistry Review dated September 27, 2011

Technical Review Branch Similarity Determination dated August 10, 2011

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TEBU 45DF

ACTIVE INGREDIENT:

Tebuconazole, alpha-[2-(4-chlorophenyl)ethyl]alpha-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol	45%
OTHER INGREDIENTS:.....	55%
TOTAL	100%

**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 (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 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.
<p>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.</p>	
<p>Have the product container or label with you when calling a poison control center, doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time (NPIC Web site: www.npic.orst.edu). For 24-hour medical emergency assistance (human or animal) call 1-800-222-1222. For chemical emergency assistance (spill, leak, fire, or accident) call CHEMTREC at 1-800-424-9300.</p>	

Manufactured for:
Sharda USA LLC
PO Box 640
Hockessin, DE 19707

EPA Reg. No. 83529-29
EPA Est. No.

Net Contents: _____

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

10/5/2011

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

83529-29

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMAN AND DOMESTIC ANIMALS**

WARNING. Causes substantial but temporary eye injury. Harmful if swallowed, inhaled or absorbed through the skin. Prolonged or frequently repeated skin contact may cause allergic skin reactions in some individuals. Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing dust or 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-resistance 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 exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENT: 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 washwaters or rinsate.

Ground Water Advisory: Tebuconazole is known to leach through soil into ground water, 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.

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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 potential for contamination of water from rainfall or 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. 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:

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

PRODUCT INFORMATION

Spray Volume: Apply Tebu 45DF by ground equipment in 50 gallons or more of spray solution per acre or in 15 gallons or more per acre by air unless otherwise specified under individual crop use directions. Adjust spray volume to compensate for crop growth to ensure thorough coverage of the foliage and fruit. Check equipment calibration frequently. For the most effective results, ensure that application is uniform and complete, especially when lower spray volumes are applied.

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No aerial application is allowed on Long Island, New York.

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

Mixing: Add specified amount of Tebu 45DF into the spray tank at the same as water is being added to the desired level. While mixing, maintain agitation. Be sure that the Tebu 45DF is completely dispersed before any other materials are added.

Compatibility: If compatibility testing is desired, 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 Sharda USA 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 FARM 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. However, many factors, including droplet size, canopy and equipment specifications determine drift potential at any given wind speed. 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.

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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 mixing.

Airblast (Air Assist) Specific Recommendations for Tree Crops and Vineyards: Airblast sprayers carry droplets into the canopy of trees/vines by means of a radially, or laterally directed air stream. Follow the specific drift management practices below:

- Adjust deflectors and aiming devices so that spray is only directed into the canopy
- When there is no overhanging canopy, upward pointed nozzles must be blocked off
- Use the correct air volume so that the canopy is penetrated and good coverage is achieved
- Turn off sprayer when turning at end rows so that spray does not penetrate past the edge of the cultivated area
- When spraying outside row of an orchard or vineyard, only spray inward toward the crop

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 treatment areas 120 days after last application.

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APPLICATION DIRECTIONS

CROP	DISEASE	RATE OF TEBU 45DF
Grape	Black Rot (<i>Guignardis bidwellii</i>) Powdery Mildew (<i>Uncinula necator</i>)	4 oz. per acre
<p>Powdery Mildew: Apply in a preventative spray schedule. Make the first application before bloom and continue applications using spray intervals of up to 21 days in low to moderate disease pressure. Use a 14-day spray interval when disease pressure is severe.</p> <p>Black Rot:</p> <p><u>Preventive Schedule:</u> Make the first application when new shoots are 1 to 3 inches and continue every 7 to 14 days through 5° BRIX stage or until veraison (berry coloring) is complete. Apply when new shoots are 1 inch and every 7 to 10 days on highly susceptible varieties or under severe disease conditions.</p> <p><u>Post-Infection Schedule:</u> Follow a post-infection schedule beginning when new shoots are 1 inch until 5° Brix stage. Apply within 72 hours after the beginning of an infection period. Do not apply Tebu 45DF more frequently than every 7 days. Continue Tebu 45DF applications using the preventive schedule if the post-infection schedule is discontinued, then follow the preventive schedule.</p> <p>Botrytis: If Tebu 45DF is applied in a powdery mildew spray schedule, it will complement the activity of registered fungicides used for control of Botrytis bunch rot. Apply every 14 days for suppression of Botrytis.</p> <p>COMMENTS: Preharvest interval (PHI) is 14 days. Do not apply more than 2 pounds of Tebu 45DF per acre per crop season. Do not apply more frequently than every 7 days. By ground application only in the State of New York. Use sufficient water to ensure thorough coverage of vines and fruit. Increase spray volume as vine growth increases. Restricted-entry interval (REI) = 12 hours.</p> <p>RESISTANCE MANAGEMENT STRATEGY: Tebu 45DF is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Tank-mixing Tebu 45DF with other DMI fungicides is not recommended.</p>		

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CROP	DISEASE	RATE OF Tebu 45DF
Banana Plantain	Black Leaf Streak (<i>Mycosphaerella fijiensis</i>) Yellow Sigatoka (<i>Mycosphaerella musicola</i>)	3.2 oz per acre
<p>Apply specified labeled rate as a foliar spray in a minimum of 20 gallons or more of water per acre to ensure thorough coverage. A spray oil recommended for use on banana or plantain should be utilized at 4.3 pints per acre in tank-mix with Tebu 45DF. Thoroughly mix Tebu 45DF in the spray solution before the addition of a spray oil. Make the first application before disease becomes established and repeat applications every 14 days as necessary to maintain disease control. Do not apply Tebu 45DF to non-bagged bananas. Do not apply more than 16 oz of Tebu 45DF per acre per harvest cycle. Preharvest interval (PHI) is 0 days. Restricted entry interval (REI) = 12 hours.</p>		
Tree Nuts: Almonds (see specific use directions) Beechnut Brazil Nut Butternut Cashew Chestnut Chinquapin Filbert (see specific use directions) Hickory Nut Macadamia Nut Pistachios (see specific use directions) Walnut	Brown rot blossom blight (<i>Monilinia laxa, M. fructicola</i>) Botryosphaeria panicle and shoot blight (<i>Botryosphaeria dothidea</i>) Eastern filbert blight (<i>Anisogramma anomala</i>)	8 oz. per acre
<p>Begin applications when conditions are favorable for disease but before infection. Apply on a 7- to 14-day spray schedule. A maximum of 32 oz 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. Tebu 45DF may be applied up to 35 days before harvest. Restricted-entry interval (REI) = 12 hours.</p> <p>RESISTANCE MANAGEMENT STRATEGY: Tebu 45DF is a demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Tank-mixing Tebu 45DF with other DMI fungicides is not recommended.</p>		

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CROP	DISEASE	RATE OF Tebu 45DF
Almond	Brown rot blossom blight (<i>Monilinia laxa</i> , <i>M. fructicola</i>)	8 oz per acre
<p>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>COMMENTS: Apply Tebu 45DF 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 oz 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. Tebu 45DF may be applied up to 35 days before harvest.</p> <p>Restricted-entry interval (REI) = 12 hours.</p> <p>RESISTANCE MANAGEMENT STRATEGY: Tebu 45DF is a demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Tank-mixing Tebu 45DF with other DMI fungicides is not recommended.</p>		
Pistachio	Botryosphaeria panicle and shoot blight (<i>Botryosphaeria dothidea</i>)	8 oz per acre
<p>Botryosphaeria: 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 Tebu 45DF 14 days apart beginning 49 days before harvest.</p> <p>COMMENTS: Apply Tebu 45DF 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 flowering 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 oz 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. Tebu 45DF may be applied up to 35 days before harvest</p> <p>Control of insect vectors and a thorough pruning to remove plant tissue infected by <i>Botryosphaeria</i> are critical for optimum control of this disease.</p> <p>Restricted-entry interval (REI) = 12 hours.</p> <p>RESISTANCE MANAGEMENT STRATEGY: Tebu 45DF is a demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Tank-mixing Tebu 45DF with other DMI fungicides is not recommended.</p>		

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CROP	DISEASE	RATE OF Tebu 45DF
Filbert (Hazelnut)	Eastern filbert blight (<i>Anisogramma anomala</i>)	8 oz. per acre
<p>Apply Tebu 45DF in a preventative spray schedule when conditions are favorable for disease (such as budbreak when the first green tissue is viable). Continue applications of Tebu 45DF 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 application interval for varieties that are highly susceptible to the indicated disease or when severe disease conditions exist. Apply Tebu 45DF in sufficient spray volume for thorough coverage. Tank-mixing the lowest labeled rate of a spray surfactant with Tebu 45DF 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 oz of Tebu 45DF 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. Tebu 45DF may be applied up to 36 days before harvest.</p> <p>Restricted-entry interval (REI) = 12 hours.</p> <p>RESISTANCE MANAGEMENT STRATEGY: Tebu 45DF is a demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Tank-mixing Tebu 45DF with other DMI fungicides is not recommended.</p>		

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CROP	DISEASE	RATE OF Tebu 45DF	
Pome Fruits: Apple Crabapple Loquat Mayhaw Pear Pear, Oriental Quince	Scab (<i>Venturia</i> spp.) Cedar-apple rust (<i>Gymino- sporangium juniperi- virginianae</i>) Powdery mildew (<i>Podosphaera leucotricha</i>)	4 to 8 oz. per acre*	2 oz per 100 gallons**

Scab:

Preventative 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. Tebu 45DF applications should not be closer than 7 days apart. Continue Tebu 45DF applications using the preventative 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 tight cluster through the second cover spray.

COMMENTS:

* The amount of Tebu 45DF 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 ounces 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.

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

Restricted-entry interval (REI) = 5 days.

RESISTANCE MANAGEMENT STRATEGY: Tebu 45DF is a demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Tank-mixing Tebu 45DF with other DMI fungicides is not recommended.

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CROP	DISEASE	RATE OF Tebu 45DF	
Stone Fruits: Apricot Cherry Nectarine Peach Plum Plumcot Prune (fresh)	Brown rot (blossom blight, fruit rot) (<i>Monilinia laxa</i> , <i>M. fructicola</i>) Cherry leaf spot (<i>Blumeriella jaapii</i>) Powdery mildew (<i>Podosphaera</i> spp., <i>Sphaerotheca pannosa</i>)	4 to 8 oz. per acre*	2 oz per 100 gallons**
Plum Plumcot Prune (fresh) Peach	Rust (<i>Tranzschelia discolor</i>)	5 to 8 oz per acre*	

Blossom blight: Begin application at white bud on cherry, pink bud on peach and nectarine, and green tip on plums and prunes. Apply again at 50% bloom and at petal fall if conditions continue to be favorable for disease development.

Fruit rot: Begin application at two to three weeks before harvest and continue on 7-day intervals through the day of harvest. The blossom and fruit stages must be protected for optimum control of brown rot. If Tebu 45DF 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 post-bloom period are also important for preventing quiescent fruit infections on sweet cherry and peach.

Leaf spot: Begin application 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 overwintering inoculum.

Powdery mildew: Follow leaf spot schedule until terminal growth ceases.

Rust: Begin applications after canker emergence and continue applications at 14-day intervals under severe disease conditions.

COMMENTS:

Tebu 45DF may be applied up to and including the day of harvest (0-day PHI). Do not apply more than 3 lbs of product per acre per crop season.

* The amount of Tebu 45DF 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 ounces 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 oz of Tebu 45DF per acre. Apply 6 to 8 oz per acre of Tebu 45DF when severe disease conditions exist.

**When using the 2 oz per 100 gallon rate, use at least 4 oz of Tebu 45DF per acre.

Restricted-entry interval (REI) = 5 days.

RESISTANCE MANAGEMENT STRATEGY: Tebu 45DF is a demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy. Tank-mixing Tebu 45DF with other DMI fungicides is not recommended.

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CROP	DISEASE	RATE OF Tebu 45DF
Cherry (Post-Harvest)	Brown rot (<i>Anisogramma anomala</i>) Gray mold (<i>Botrytis cinerea</i>) Rhizopus rot (<i>Rhizopus</i> spp.)	8 to 16 oz per 25,000 lb of fruit
<p>Mix the specified rate of Tebu 45DF in 100 gallons of water or wax/oil emulsion (or aqueous dilution of a wax/oil emulsion). Apply through a spray or flood system on a commercial packing line after stem cutting, sizing, sorting, or washing. For spray treatments, use conventional spray equipment such as T-Jet, flat-fan, or flood jet spray nozzles. Use enough fruit coating material to fully coat fruit. Workers handling treated fruit need to wear waterproof gloves. Do not apply more than once prior to boxing and do not rinse.</p>		
Plums (Post-Harvest) Including: Chickasaw, Damson, Japanese, Plumcot, Prune (fresh)	Brown rot (<i>Anisogramma anomala</i>) Gray mold (<i>Botrytis cinerea</i>) Rhizopus rot (<i>Rhizopus</i> spp.)	8 oz per 200,000 lb of fruit
<p>Mix the specified rate of Tebu 45DF in 100 gallons of water, with or without wax. Maintain Tebu 45DF suspension by direct or by-pass agitation sufficient to prevent settling of product in spray mixture. Apply as spray to fruit as they travel along the packing line. After sizing, sorting, or washing, Tebu 45DF application 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.</p>		

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 the 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 the handling of this material. Do not walk through spilled material. Dispose of pesticide as described below.

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 bag into application equipment. Then dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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**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.

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