

87290-12

4/17/2013

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Mr. Michael Kellogg  
Agent for Willowood, LLC  
C/O Pyxis Regulatory Consulting, Inc  
4110 136<sup>th</sup> St. NW  
Gig Harbor, WA 98332

APR 17 2013

Subject: Notification for Alternate Brand Name per PRN 98-10  
Submission date: 3/29/13  
Product Name: Willowood Tebucon 45DF  
EPA Reg. No. 87290-12  
Decision Number 477308

Dear Mr. Kellogg:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10. The Registration Division (RD) has conducted a review of this request for applicability under PRN 98-10 and finds that the action(s) requested falls within the scope of PRN-98-10.

The Alternate Brand Name **Willowood Teb 45 DF** dated 3/29/13 is "acceptable" and will be placed in the regulatory file.

If you have questions concerning this letter, please call Banza Djapao at 703-305-7269 or you may call me at 703-305-5410.

Sincerely,

A handwritten signature in black ink, appearing to read "Hope Johnson".

Hope Johnson  
Acting Product Manager 21  
Fungicide Branch  
Registration Division (7504P)

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 87290-12	2. EPA Product Manager H. Johson	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Willowood, LLC / Willowood Tebucon 45DF	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Willowood, LLC c/o Pyxis Regulatory Consulting, Inc. 4110 136th St. NW Gig Harbor, WA 98332 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b>  <b>APR 17 2013</b>
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of an alternate brand name per PRN 98-10. The alternate brand name is "Willowood Teb 45DF". This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2 lbs.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled <input type="checkbox"/> Other _____					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Michael Kellogg		Title Agent		Telephone No. (Include Area Code) 253-853-7369	
<p style="text-align: center;"><b>Certification</b></p> <p>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>					6. Date Application Received  <b>(Stamped)</b>
2. Signature 		3. Title Agent			
4. Typed Name Michael Kellogg		5. Date 3/29/13			

3/13

**PYXIS REGULATORY CONSULTING, INC.**

4110 136<sup>th</sup> St. NW  
Gig Harbor, WA 98332

Phone: 253-853-7369  
Fax: 253-853-5516  
www.PyxisRC.com

March 29, 2013

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**COURIER DELIVERY**

Hope Johnson (PM 21)  
Document Processing Desk (**NOTIF**)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA. 22202

RE: Willowood, LLC - Willowood Tebucon 45DF (EPA Reg. No. 87290-12)  
Notification of an Alternate Brand Name per PRN 98-10

Dear Ms. Johnson,


On behalf of Willowood, LLC please find the enclosed notification of an alternate brand name for Willowood Tebucon 45DF (EPA Reg. No. 87290-12). The alternate brand name is "Willowood Teb 45DF".

In support of this notification submission, we submit the following documents:

1. Completed Application for Registration (EPA Form 8570-1)
2. One (1) copy of the Willowood Teb 45DF labeling with changes tracked
3. One (1) copy of the Willowood Teb 45DF labeling with changes incorporated
4. Certification with Respect to Label Integrity
5. One (1) copy of the Willowood Teb 45DF on CD
6. Letter of Authorization

Please feel free to contact me by phone (253) 853-7369 or by email at Mike@PyxisRC.com if you have any questions or need any additional information.

Sincerely,



Michael Kellogg

Enclosures

cc: B. Heinze; Willowood, LLC

**NOTIFICATION**

**APR 17 2013**

4/13

# NOTIFICATION

APR 17 2013

## WILLOWOOD TEB 45DF

### ACTIVE INGREDIENT:

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

OTHER INGREDIENTS: ..... 55.0%

TOTAL: ..... 100.0%

## 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	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing the eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or 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 or your poison control center at 1-800-222-1222.	
<b>NOTE TO PHYSICIAN:</b> No specific antidote. Treat symptomatically. The compound does not cause any definite symptoms that would be diagnostic. Contact with the eyes may cause irritation.	

See inside label booklet for additional Precautionary Statements and Directions for Use.

**Manufactured For:**  
Willowood, LLC  
1600 NW Garden Valley Blvd. #120  
Roseburg, OR 97471

EPA Reg. No. 87290-12

EPA Est. No.: \_\_\_\_\_

NET WEIGHT: \_\_\_\_\_ lbs.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
WARNING**

Causes substantial, but temporary eye injury. Do not get in eyes, or on clothing. Harmful if absorbed through skin, inhaled or if swallowed. Avoid contact with skin. Avoid breathing spray mist. Prolonged or frequently repeated skin contact may cause allergic skin reactions in some individuals.

**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 (goggles or face shield)

Remove and wash contaminated clothing before reuse. Follow the 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 the 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/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to mammals, fish and aquatic invertebrates. 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 washwater 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. 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), restricted-entry interval and notification to workers. The requirements in this box only apply to uses of this product that are covered by the Workers 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 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,
- Chemical-resistant gloves made of any waterproof material,
- Shoes plus socks,
- Protective eyewear (goggles or face shield)

**PRODUCT INFORMATION**

**Spray Volume:** Apply Willowood Teb 45DF 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 unless otherwise specified under individual crop use directions. Adjust spray volume as crop growth increases to ensure thorough coverage of 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.

Aerial application is prohibited in New York State.

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

**Mixing:** Add specified amount of Willowood Teb 45DF into the spray tank while filling with water to the desired level. While mixing, maintain agitation. Be sure that the Willowood Teb 45DF is thoroughly dispersed in the spray tank prior to the addition of any other materials.

**Compatibility:** The following procedure should be followed when determining the compatibility of Willowood Teb 45DF with other products: 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 Willowood, LLC representative.

**Rotational Crops:** Any crop not specified on this label may be planted in treated areas 120 days after last application.

**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 determine 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 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. Avoiding applications when wind direction is toward the aquatic area can reduce risk of exposure to sensitive aquatic areas.

**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 the movement of smoke from a ground source can also identify inversions. 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 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 only directed 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 (i.e. turn off sprayer when turning at end rows);
- Only spray inward, toward the orchard or vineyard, for applications 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.

**CROP-SPECIFIC USE DIRECTIONS**

CROP	DISEASE	RATE OF WILLOWOOD TEB 45DF
Grape	Black Rot ( <i>Guignardis bidwellii</i> ) Powdery Mildew ( <i>Uncinula necator</i> )	4 oz. per acre
<p><b>Powdery Mildew:</b> 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><b>Black Rot:</b>  <u>Preventative 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.  <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 Willowood Teb 45DF more frequently than every 7 days. Continue Willowood Teb 45DF applications using the preventative schedule if the post-infection schedule is discontinued, then follow the preventative schedule.  <b>Botrytis:</b> If Willowood Teb 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><b>GENERAL REMARKS:</b> Preharvest interval (PHI) is 14 days. Do not apply more than 2 pounds of Willowood Teb 45DF per acre per crop season. Do not apply more frequently than every 7 days. Apply only by ground application in the State of New York. Use sufficient water to ensure thorough coverage of vines and fruit. Increase spray volume as vine growth increases.  <b>Restricted-entry interval (REI) = 12 hours</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> Willowood Teb.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 Willowood Teb 45DF with other DMI fungicides is not recommended.</p>		

CROP	DISEASE	RATE OF WILLOWOOD TEB 45DF
Banana	Black Leaf Streak ( <i>Mycosphaerella fijiensis</i> )	3.2 oz. per acre
Plantain	Yellow Sigatoka ( <i>Mycosphaerella musicola</i> )	
<p>Apply 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 4.0 pints per acre in tank-mix with Willowood Teb 45DF. Thoroughly mix Willowood Teb 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 Willowood Teb 45DF to non-bagged bananas. Do not apply more than 16 oz. of Willowood Teb 45DF per acre per harvest cycle.  <b>Preharvest interval (PHI) is 0 days.</b>  <b>Restricted-entry interval (REI) = 12 hours.</b></p>		



CROP	DISEASE	RATE OF WILLOWOOD TEB 45DF
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</i> , <i>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.</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. Willowood Teb 45DF may be applied up to 35 days before harvest.</p> <p><b>Restricted-entry interval (REI) = 12 hours.</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> Willowood Teb 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 Willowood Teb 45DF with other DMI fungicides is not recommended.</p>		
Almond	Brown rot blossom blight ( <i>Monilinia laxa</i> , <i>M. fructicola</i> )	8 oz. per acre
<p><b>Blossom blight:</b> 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><b>GENERAL REMARKS:</b> Apply Willowood Teb 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.</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. Willowood Teb 45DF may be applied up to 35 days before harvest.</p> <p><b>Restricted-entry interval (REI) = 12 hours.</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> Willowood Teb 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 Willowood Teb 45DF with other DMI fungicides is not recommended.</p>		
Pistachio	Botryosphaeria panicle and shoot blight ( <i>Botryosphaeria dothidea</i> )	8 oz. per acre
<p><b>Botryosphaeria:</b> Begin application at 25 to 50% bloom and repeat again 10 to 14 days later to protect</p>		

young flower clusters and fruit. Make two additional applications of Willowood Teb 45DF 14 days apart beginning 49 days before harvest.

**GENERAL REMARKS:** Apply Willowood Teb 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.

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. Willowood Teb 45DF may be applied up to 35 days before harvest.

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

**Restricted-entry interval (REI) = 12 hours.**

**RESISTANCE MANAGEMENT STRATEGY:** Willowood Teb 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. Tank-mixing Willowood Teb 45DF with other DMI fungicides is not recommended.

Filbert (Hazelnut)	Eastern filbert blight ( <i>Anisogramma anomala</i> )	8 oz. per acre
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Apply Willowood Teb 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 Willowood Teb 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 Willowood Teb 45DF in sufficient spray volume for thorough coverage. Tank-mixing the lowest labeled rate of a spray surfactant with Willowood Teb 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 Willowood Teb 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. Willowood Teb 45DF may be applied up to 36 days before harvest.

**Restricted-entry interval (REI) = 12 hours.**

**RESISTANCE MANAGEMENT STRATEGY:** Willowood Teb 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 Willowood Teb 45DF with other DMI fungicides is not recommended.

CROP	DISEASE	RATE OF WILLOWOOD TEB 45DF	
<b>Not for Use in New York State.</b>			
Pome Fruits: Apple Crabapple Loquat Mayhaw Pear	Scab ( <i>Venturia</i> spp.)	4 to 8 oz. per acre*	2 oz. per 100 gallons**
	Cedar-apple rust ( <i>Gymnosporangium juniper-virginianae</i> )		
	Powdery mildew ( <i>Podosphaera</i>		

Pear, Oriental Quince	<i>leucotricha</i> )		
<p><b>Scab:</b>  <b>Preventative Schedule:</b> Apply at 7- to 10-day intervals from green tip through the second cover spray.  <b>Post-infection Schedule:</b> Apply within 72 hours after the beginning of a scab infection period. Willowood Teb 45DF applications should not be closer than 7 days apart. Continue Willowood Teb 45DF applications using the preventative schedule if the post-infection schedule is discontinued.</p> <p><b>Cedar-apple rust:</b> Apply at 7- to 10-day intervals from pink stage through the second cover spray.</p> <p><b>Powdery mildew:</b> Apply at 7- to 10-day intervals from tight cluster through the second cover spray.</p> <p><b>GENERAL REMARKS:</b>  * The amount of Willowood Teb 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.</p> <p>Willowood Teb 45DF may be applied up to 75 days before harvest. A total of 3 pounds of Willowood Teb 45DF may be applied per acre per crop season.</p> <p><b>Restricted-entry interval (REI) = 5 days.</b></p> <p><b>RESISTANCE MANAGEMENT STRATEGY:</b> Willowood Teb 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 Willowood Teb 45DF with other DMI fungicides is not recommended.</p>			

CROP	DISEASE	RATE OF WILLOWOOD TEB 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 on brown rot. If Willowood Teb 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 inoculums.  
**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.

**GENERAL REMARKS:**

Willowood Teb 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 Willowood Teb 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 Willowood Teb 45DF per acre. Apply 6 to 8 oz. per acre of Willowood Teb 45DF when severe disease conditions exist.

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

**Restricted-entry interval (REI) = 5 days.**

**RESISTANCE MANAGEMENT STRATEGY:** Willowood Teb 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 Willowood Teb 45DF with other DMI fungicides is not recommended.

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
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Mix the specified rate of Willowood Teb 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.

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
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Mix the specified rate of Willowood Teb 45DF in 100 gallons of water, with or without wax. Maintain Willowood Teb 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, Willowood Teb 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.

**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 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 this 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 disposal facility.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or 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.

**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. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Willowood, LLC or 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 Willowood, LLC and Seller harmless for any claims relating to such factors.

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