

83851-4

10/18/2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

83851-4

Date of Issuance:

OCT 18 2007

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

AmTide Tebuconazole
45WDG Fungicide

Name and Address of Registrant (include ZIP Code):

AmTide LLC
21 Hubble
Irvine, CA 92618

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/reregistered 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 (7505P)

Date:

10/18/2007

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2. Submit the following studies within 18 months of the date of this product registration:
 - a. Storage Stability – OPPTS 830.6317
 - b. Corrosion Characteristics – OPPTS 830.6320

3. Make the following changes to the label:
 - a. Change the product registration number to “EPA Reg. No. 83851-4”
 - b. On page 1, move the sentence “For MEDICAL Emergencies....” into the First Aid Box in the section with “Have a product container....”
 - c. On page 1, use the actual street address for AmTide LLC: 21 Hubble, Irvine, CA 92618.
 - d. In the First Aid box, you may delete the entry for “If Inhaled” if you wish
 - e. Add the following at the bottom of page 1: “Net Weight: ____ lbs.”
 - f. In the section HAZARDS TO HUMANS AND DOMESTIC ANIMALS:
 1. change “WARNING” to “CAUTION”
 2. change “Harmful if swallowed or inhaled.” to “Harmful if swallowed.”
 - g. In the Storage and Disposal box:
 1. delete the sentence “Exposure to moisture ... cause breakage.”
 2. change “Store packets in original container....” to “Store in original container....”
 - h. In the section “REMARKS: Black Rot:” on page 6, change “...through 5 o Brix....” to “...through 5° Brix....”
 - i. In the section “Conditions, Disclaimer of Warranties, and Limitations of Liability”:
 1. In the paragraph starting “CONDITIONS” change “...adequate and should be followed....” to “...adequate and must be followed....”
 2. In the paragraph starting “CONDITIONS” change “All such risks shall....” to “To the extent consistent with applicable law, all such risks shall....”
 3. In the paragraph starting “LIMITATIONS OF LIABILITY” change “THE EXCLUSIVE REMEDY OF THE USER....” to “TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER....”

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 stamped copy of the label is enclosed for your records.



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

Enclosure: Label stamped “Accepted with Comments”
Product Chemistry Review dated July 10, 2007
Acute Toxicity Review dated October 3, 2007 and the supporting Data Evaluation Record

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AmTide Tebuconazole 45WDG Fungicide

ACTIVE INGREDIENT:	
Tebuconazole,	
alpha-[2-(4-chlorophenyl)ethyl]alpha-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol	45%
INERT INGREDIENTS:	
	55%
	100%

EPA Reg. No.
EPA Est. No.

**ACCEPTED
 with COMMENTS
 In EPA Letter Dated**

OCT 18 2007

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

**STOP - Read the label before use
 KEEP OUT OF REACH OF CHILDREN
 CAUTION**

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

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For **MEDICAL** Emergencies Call telephone no. 800-858-7378

For **PRODUCT USE** Information Call telephone no. 949-679-3535

Manufactured for:
 AmTide LLC
 P.O.Box 2008
 Laguna Hills, CA 92654

FIRST AID

If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 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 a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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.
Have a product container or label with you when calling a poison control center or doctor, or going for treatment.	
Note To Physician: No specific antidote. Treat symptomatically. Symptoms of Poisoning: The compound does not cause any definite symptoms that would be diagnostic. Contact with the eyes may cause irritation.	

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

WARNING

Causes moderate eye irritation. Harmful if swallowed or inhaled. Avoid contact with eyes or clothing. 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 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

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 the WPS.

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User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside.
- Wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to estuarine and marine 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.

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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 Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

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

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. Do not store below freezing. Exposure to moisture or excessive handling of water soluble packets may cause breakage. Store packets 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 the 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: 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.

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

Spray Volume: AmTide Tebuconazole 45 WDG 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 "General Directions for Use" or "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.

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

Mixing: Add recommended amount of AmTide Tebuconazole 45 WDG into the spray tank while filling with water to the desired level. Operate the agitator while mixing. If other materials are added to the spray tank, the AmTide Tebuconazole 45 WDG should be thoroughly dispersed prior to the addition of other materials.

Compatibility: To determine the compatibility of AmTide Tebuconazole 45 WDG with other products, the following procedure should be followed:

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.

<u>Crop</u>	<u>Disease Treated</u>	<u>Application Rate</u>
Cherry Peach Nectarine	Brown Rot (including blossom blight and fruit rot)	2 oz./100 gal.* or 4 to 8 oz./acre**
Cherry	Leaf Spot Powdery mildew	2 oz./100 gal.* or 4 to 8 oz./acre**
Peach	Rust	2 oz./100 gal or 5 to 8 oz./acre

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* When using the 2 oz/100 gal rate, use at least 4 oz of AmTide Tebuconazole 45 WDG per acre.

** The amount of AmTide Tebuconazole 45 WDG 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 AmTide Tebuconazole 45 WDG per acre. Apply 6 to 8 ounces per acre of AmTide Tebuconazole 45 WDG when severe disease conditions exist.

GENERAL USE DIRECTIONS FOR CHERRY, PEACH AND NECTARINE:

- AmTide Tebuconazole 45 WDG 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.**
- AmTide Tebuconazole 45 WDG 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 AmTide Tebuconazole 45 WDG with other DMI fungicides.**

REMARKS:

- **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.
- **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 AmTide Tebuconazole 45 WDG 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.
- **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 postharvest 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.

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<u>Crop</u>	<u>Disease Treated</u>	<u>Application Rate</u>
Grape	Black rot	4 oz./acre
	Powdery Mildew	

GENERAL USE DIRECTIONS FOR GRAPES:

- AmTide Tebuconazole 45 WDG may be applied up to 14 days before harvest.
- A maximum of 2 pounds of AmTide Tebuconazole 45 WDG may be applied per acre per crop season.
- **The minimum interval between applications is 7 days. By ground application only in the state of New York.**
- Apply product in sufficient water for thorough coverage of vines and fruit. Increase spray volume as vine growth increases.
- AmTide Tebuconazole 45 WDG 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 AmTide Tebuconazole 45 WDG with other DMI fungicides is not recommended.**

REMARKS:

- **Black Rot:**
 - Preventative Schedule: Make the first application at 1- to 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 10-day intervals on highly susceptible varieties or under severe disease conditions.
 - Post-Infection Schedule: 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. AmTide Tebuconazole 45 WDG applications should not be closer than 7 days apart. Continue AmTide Tebuconazole 45 WDG applications using the preventive schedule if the post-infection schedule is discontinued.
- **Powdery Mildew** Apply in a preventive spray schedule. Make the first application of AmTide Tebuconazole 45 WDG 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.
- **Botrytis** AmTide Tebuconazole 45 WDG, 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.

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<u>Crop</u>	<u>Disease Treated</u>	<u>Application Rate</u>
Banana	Black Leaf Streak	3.2 oz per acre
Plantain	Yellow Sigatoka	

GENERAL USE DIRECTIONS FOR BANANA AND PLANTAIN:

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

REMARKS:

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

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.

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 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 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.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of AmTide LLC. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: AMTIDE LLC MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. NO AGENT OF AMTIDE LLC IS AUTHORIZED TO MAKE ANY WARRANTIES BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN. AMTIDE LLC DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT AMTIDE LLC'S ELECTION, THE REPLACEMENT OF PRODUCT.