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3125-388

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

APR 10 1998

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

John S. Thornton
Director, Product Registrations
and Regulatory Affairs
Bayer Corporation
8400 Hawthorn Road
P.O. Box 4913
Kansas City, MO 64120

SUBJECT: Review of Labeling Amendment to Add Aerial Application
Elite® 45 DF
EPA Reg. No. 3125-388
Your Submission Dated August 11, 1997

Dear Mr. Thornton:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the following conditions:

1. After **WARNING**, add the Spanish translation, e.g. **WARNING/AVISO**.
2. Add the statement "See Side (or Back) Panel for Additional Precautionary Statements." to the front panel.

A stamped copy is enclosed for your records. Please submit one (1) copy of your final printed labeling before you release the product for shipment. If you have any questions, then please contact Terri Stowe of my staff at (703) 305-6117.

Sincerely,

Mary L. Waller

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

Enclosure

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388-9004.YLD

U.S. LABEL

Base Pre-Reg (9004)

Reason to Issue: To add aerial application.

Date of Pre-Reg Draft: 08/08/97 (Pre-Reg) (T)

Elite[®] 45 DF Foliar Fungicide

**ACCEPTED
with COMMENTS
In EPA Letter Dated**

APR 10 1998

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act**

registered under EPA Reg. No. 3125-388

ACTIVE INGREDIENT:

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

45%

INERT INGREDIENTS

55%

100%

EPA Reg. No. 3125-388

EPA Est. 3125-MO-1

Net Contents: _____ Pounds

**STOP - Read The Label Before Use
KEEP OUT OF REACH OF CHILDREN**

WARNING

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.)

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS 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.

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.

Personal Protective Equipment:
Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Water-proof gloves
- Shoes plus socks
- Protective eyewear

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.

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. Then wash thoroughly and put on clean clothing.

Text being added is highlighted by redlining

Elite 45 DF

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ELITE 45 DF Foliar Fungicide

calibration frequently. Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied.

Mixing: Add recommended amount of ELITE 45 DF 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 ELITE 45 DF should be thoroughly dispersed prior to the addition of other materials.

Compatibility: To determine the compatibility of ELITE 45 DF 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. For further information, contact your local Bayer representative.

RECOMMENDED APPLICATIONS				
CROP	DISEASE	RATE OF ELITE 45 DF		REMARKS
Banana Plantain	Black Leaf Streak Yellow Sigatoka	3.2 oz per acre		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 tankmix with ELITE 45 DF. Thoroughly mix ELITE 45 DF 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. Do not apply ELITE 45 DF to non-bagged bananas. A maximum of 16 oz of ELITE 45 DF may be applied per acre per harvest cycle. ELITE 45 DF may be applied up to the day of harvest.
Cherry Peach Nectarine	Brown rot (blossom blight, fruit rot)	2 oz/ 100 gal*	4 to 8 oz/acre**	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.
Cherry	Leaf Spot Powdery mildew			Fruit rot: Begin application at two to three weeks before harvest and continue at 7-day intervals through the day of harvest.
<p>The blossom and fruit stages must be protected for optimum control of brown rot. If ELITE 45 DF is applied during only one of these stages, another registered fungicide should be applied to the other stage to provide optimum protection. Additional cover sprays during the early postbloom period are also important for preventing quiescent fruit infections in sweet cherry and peach.</p> <p>Leaf spot: Begin 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.</p> <p>Powdery mildew: Follow leaf spot schedule until terminal growth ceases.</p> <p>GENERAL USE DIRECTIONS: *When using the 2 oz/100 gal rate, use at least 4 oz of ELITE 45 DF per acre. **The amount of ELITE 45 DF required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees. For smaller trees, multiply 2 oz times the number of 100 gallons of spray solution required to thoroughly wet, to the point of runoff, one acre of the trees being treated. For concentrate sprays, apply the same amount of product per acre as would be applied in a dilute spray based on tree size and foliage volume, but not less than 4 ounces of Elite 45 DF per acre. Apply 6 to 8 ounces per acre of ELITE 45 DF when severe disease conditions exist.</p> <p>ELITE 45 DF may be applied up to and including the day of harvest (0-day PHI). Do not apply more than 3 lb of product per acre per crop season.</p> <p>ELITE 45 DF is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in tank mix or alternated (every other spray application) with a non-DMI (protectant) fungicide as a resistance management strategy. Do not mix ELITE 45 DF with other DMI fungicides.</p>				

ROTATIONAL CROPS

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