

62719-416

08/15/2002

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

AUG 15 2002

Karen M. Swayze
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, Indiana 46268-1054

Subject: Enable 2F
EPA Registration No. 62719-416
Your label amendment application dated June 7, 2002

Dear Ms. Swayze,

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

1. Make the following changes to the label.

a. Immediately after the subheading "PERSONAL PROTECTIVE EQUIPMENT (PPE)", in both the Base Label and Label Booklet, insert the following text.

"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 sheet."

b. In the "PERSONAL PROTECTIVE EQUIPMENT (PPE)" subsection, in both the Base Label and Label Booklet, and the "AGRICULTURAL USE REQUIREMENTS" section in the Label Booklet, change "waterproof gloves" to "chemical-resistant gloves made of any waterproof material, such as polyvinyl chloride, nitrile rubber, or butyl rubber."

c. Add "CAUTION" back to the label immediately following the heading "HAZARDS TO HUMANS AND DOMESTIC ANIMALS".

2. Submit one copy of your final printed labeling before you release the product for shipment.

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

If you have any questions about this letter, please contact John Bazuin at (703)305-7381.

Sincerely yours,

(Signature)

Cynthia Giles-Parker
Product Manager (22)
Fungicide Branch
Registration Division (7505C)

Attachment: Label stamped "ACCEPTED with COMMENTS"

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Base Label:

(Logo) Dow AgroSciences

Enable*2F

Active Ingredient

fenbuconazole: a-[2-(4-chlorophenyl)ethyl]-a-phenyl-1H-1,2,4-triazole-1-propanenitrile	23.5%
Inert Ingredients	76.5%
Total	100.0%

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

AUG 15 2002

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

6279-416

Contains 2 pounds of active ingredient per gallon
U.S. Patent No. 4366165

Keep Out of Reach of Children CAUTION

Precautionary Statements

Hazards to Humans and Domestic Animals

Harmful If Inhaled

Avoid breathing spray mist.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves
- Chemical-resistant headgear for overhead exposure

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.

When handlers use closed systems, enclosed cabs or aircraft in a manner that meet the requirements listed in the Worker Protection Standards (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 hands before eating, drinking, chewing gum, using tobacco or using the toilet.

First Aid

If inhaled: 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.

Hot Line Number: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 day or night, for emergency treatment information.

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Environmental Hazards

This product is toxic to fish. 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 or runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters or rinsate.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Refer to label booklet for Directions for Use including Storage and Disposal.

Notice: Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at www.dowagro.com.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-416

EPA Est. _____

*Trademark of Dow AgroSciences LLC
Dow AgroSciences LLC • Indianapolis, IN 46268 U.S.A.

Fungicide

Net Contents ____

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Label Booklet:

(Logo) Dow AgroSciences LLC

Enable* 2F

Active Ingredient

fenbuconazole: a-[2-(4-chlorophenyl)ethyl]-a-phenyl-1H-1,2,4-triazole-1-propanenitrile	23.5%
Inert Ingredients	76.5%
Total	100.0%

Contains 2 pounds of active ingredient per gallon
U.S. Patent No. 4366165

Keep Out of Reach of Children

CAUTION

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Refer to inside of label booklet for Precautionary Statements and Directions for Use including Storage and Disposal.

Notice: Read the entire label. Use only according to label directions. **Before using this product, read "Warranty Disclaimer," Inherent Risks of Use," and "Limitation of Remedies" at end of label booklet. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at www.dowagro.com.

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Fungicide

Net Contents __

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Precautionary Statements

Hazards to Humans and Domestic Animals**Harmful If Inhaled**

Avoid breathing spray mist.

Personal Protective Equipment (PPE):**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves
- Chemical-resistant headgear for overhead exposure

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.

When handlers use closed systems, enclosed cabs or aircraft in a manner that meet the requirements listed in the Worker Protection Standards (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 hands before eating, drinking, chewing gum, using tobacco or using the toilet.

First Aid

If inhaled: 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.

Hot Line Number: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 day or night, for emergency treatment information.

Environmental Hazards

This product is toxic to fish. 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 or runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters or rinsate.

Directions for use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

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) 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:

- Coveralls
- Shoes plus socks
- Waterproof gloves

Storage and Disposal

Storage: Store in a cool dry well-ventilated area, but not below 32°F (0°C).

Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA region office for guidance.

Container Disposal: Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill, by incineration or if allowed by State and local authorities, by burning. If burned stay out of smoke.

Steps to be taken in Case Material is Released or Spilled: : Appropriate protective equipment must be worn when handling a spill of this material. Remove contaminated clothing promptly. Wash exposed skin areas with soap and water immediately after exposure.

Contain spills immediately with inert materials (e.g. sand, earth). Transfer spilled liquid and solid diking material to separate suitable containers for recovery or disposal. Keep spills and cleaning runoff out of municipal sewers and open bodies of water. **Refer to Material Safety Data Sheet.**

General Information

Enable* 2F fungicide is a protectant fungicide for the control of specific diseases mentioned on this label and should be used in a regularly scheduled preventive spray program.

A wetting agent such as Latron* B-1956, Latron CS-7 or other non-polymer containing spray adjuvant approved for use in registered pesticide products should be added to spray solutions according to manufacturers' use instructions to achieve optimum disease control.

Use Rate Determination

Carefully read, understand and follow label use rates and restrictions. Under low disease conditions, minimum suggested use rates can be used, while maximum suggested label rates and shortened spray schedules are recommended for severe or threatening disease conditions. Prepare only the amount of spray solution required to treat the measured area. Careful calibration of spray equipment is recommended prior to use.

Mixing

Thoroughly shake container before using contents. Triple-rinse container used to measure Enable 2F fungicide and add rinsate to spray tank. Add a registered spray adjuvant after Enable 2F fungicide is fully dispersed in the spray solution.

NOTE: Reduced product efficacy may occur if water containing suspended soil particles is used, such as water from ponds, streams or unlined ditches.

Application

Do not make ground or aerial applications within 75 feet of streams, rivers, ponds, lakes or reservoirs.

Ground: Thorough coverage sprays generally result in optimum disease control. To achieve good coverage use proper spray pressure, gallonage per acre, nozzles, nozzle spacing and tractor speed. Consult spray nozzle and accessory catalogues for specific information on proper equipment calibration. For tree fruits and nuts the same amount of Enable 2F fungicide should be applied per acre in either dilute or concentrate sprays.

Dilute Sprays: To apply the correct amount of Enable 2F fungicide to your orchard, you must know the number of gallons of water needed to spray one acre of trees to the point of drip. If you do not already know this gallonage, you should conduct a test to determine it. For a dilute spray, this volume (containing 2 fluid ounces or 0.03 pounds active Enable 2F fungicide per 100 gallons) should be used to treat the orchard.

Concentrate Sprays: The amount of Enable 2F fungicide required to treat the orchard is the same as that contained in the above gallonage for dilute sprays. For a concentrate spray, a minimum of 50 gallons per acre is recommended.

Aerial: Apply in a minimum of 5 gallons of water per acre on annual crops and 10 gallons of water per acre on perennial tree fruits and nuts. Avoid application under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur. Do not apply directly to humans or animals. Flagmen and loaders should wash thoroughly before eating, drinking, or smoking and at the end of each day's spray operation.

Aerial Spray Drift Management

Avoiding spray drift at the application site is the responsibility of the applicator.

The interaction of many equipment and weather-related factors determine the potential for spray drift. The applicator is responsible for considering all these factors when making decisions. The following drift management requirements must be followed to avoid off-target movement from aerial applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses or to applications using dry formulations.

1. The distance of the outer most nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor.
2. Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.

Where states have more stringent regulations, they should be observed. The applicator should be familiar with and take into account the information covered in the Aerial Drift Reduction Advisory.

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

Compatibility

Enable 2F fungicide is believed to be compatible with most commonly used fungicides, insecticides, growth regulators, micronutrients and spray adjuvants. Follow the manufacturer's use instructions for any registered adjuvant to achieve proper spray concentrations.

Use Directions for Pecans

Enable 2F is a protectant fungicide. Best disease control is achieved on a protectant application schedule using thorough coverage sprays.

A wetting agent such as Latron B-1956, Latron CS-7 or other non-polymer containing spray adjuvant approved for use in

registered pesticide products should be added to spray solutions according to manufacturers' use instructions to achieve optimum disease control.

Disease	Enable 2F (fl oz/acre)	Use Recommendations	Restrictions
Downy spot (<i>Mycosphaerella</i> spp.)	8.0 (0.125 lb active)	Begin applications at bud break and continue at 10 to 14 day intervals through pollination. Apply at 14 to 21 day intervals through the cover sprays.	Do not apply after shuck split or within 28 days of harvest. Do not apply more than 1.5 qt (0.75 lb active) per acre per season. Do not graze livestock in treated areas or feed cover crops grown in treated areas to livestock.
Gnomonia leafspot (<i>Gnomonia</i> spp.)			
Leaf blotch (<i>Mycosphaerella</i> spp.)			
Leaf scorch			
Powdery mildew (<i>Microsphaera</i> spp.)			
Scab (<i>Cladosporium</i> spp.)			
Vein spot (<i>Gnomonia</i> spp.)			

Use Directions for Bananas

Enable2F fungicide may be applied up to the day of harvest. Best control of diseases is achieved on a protectant application schedule and when an emulsifiable spray oil is added to the spray solution.

Disease	Enable 2F (fl oz/acre)	Use Recommendations	Restrictions
Sigatoka (<i>Mycosphaerella</i> spp.)	6.0 (0.09 lb active)	Apply when leaves first appear and repeat every 14-21 days or as required.	Do not apply more than 8 times (0.72 lb active) per acre per year. Do not graze livestock in treated areas. Do not cut cover crops for livestock food.

Terms and Conditions of Use

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid.

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Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

Warranty Disclaimer

Dow AgroSciences warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. Dow AgroSciences MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Dow AgroSciences or the seller. All such risks shall be assumed by buyer.

Limitation of Remedies

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories) shall be limited to, at Dow AgroSciences' election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used

Dow AgroSciences shall not be liable for losses or damages resulting from handling or use of this product unless Dow AgroSciences is promptly notified of such loss or damage in writing. In no case shall Dow AgroSciences be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer and Inherent Risks of Use above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Dow AgroSciences or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

*Trademark of Dow AgroSciences LLC

EPA-accepted date: __/__/__