

7401-106

08/17/2004

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mary Beth Endres
Voluntary Purchasing Groups, Inc.
P.O. Box 460
Bonham, TX 75418

AUG 17 2004

Dear Ms. Endres:

Subject: Labeling Amendment
Ferti-lome Systemic Spider Mite Spray
EPA Registration No. 7401-106
Submission Date: February 1, 2002

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

- 1) Include the following paragraph to the "DIRECTIONS FOR USE" section of the label:

ORNAMENTAL PLANTS GROWN IN NURSERIES ONLY

Do not use on ornamental plants grown in greenhouses, shade houses, Christmas tree and conifer plantations, landscapes, interiorscapes and residential, public, recreational, commercial, industrial and institutional establishments.

- 2) The phrase, "ornamental garden area" found within the HERE ARE THE RESULTS YOU SHOULD EXPECT section of the label should specify ornamentals grown in commercial nurseries.

A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the referenced label, incorporating the above changes, before releasing the product for shipment. If you have any questions regarding this letter, please contact Kable Bo Davis at (703) 306-0415.

Sincerely yours,

Daniel C. Kenny
Product Manager (01)
Insecticide-Rodenticide Branch
Registration Division (7505C)

KD: 306-0415: IRB/PM01

CONCURRENCES

SYMBOL ▶	7505C							
SURNAME ▶	K. Davis							
DATE ▶	8/17/04							

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ACCEPTED
with COMMENTS
In EPA Letter Dated:
AUG 17 2004
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg
7401-106

[FRONT LABEL PANEL]

ferti•lome®

Systemic Spider Mite Spray

For Commercial and Agricultural Use Only

[Optional proposed text appears in brackets - the final label may include some or all of the optional text]

- [● Kills Destructive Spider Mites on Roses, Azaleas, Camellias, Arborvitae and Other Listed Ornamental Shrubs, Shade Trees and Fruit Trees]
- [● Kills Bagworms, Aphids, Thrips, Scale Insects and Other Ornamental Insects on Certain Plants]
- [● Triple Action Insecticide Provides Systemic, Contact and Residual Insect Control]

ACTIVE INGREDIENT:

Dimethoate: 0,0-Dimethyl S-(N-methylcarbamoylmethyl)

phosphorodithioate 8.00%

INERT INGREDIENTS*: 92.00%

TOTAL: 100.00%

*Contains Petroleum Distillates

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back/Side Label Panel for Additional Precautionary Statements

NET CONTENTS _____

[BACK/SIDE LABEL PANEL]

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 through any type of irrigation system.

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 registration.

AGRICULTURE 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 48 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, chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, viton and shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to protect agriculture plants on farms, forests, nurseries, or greenhouses.

Keep children and pets out of the treated area until sprays have dried.

1. WHAT IS THIS PACKAGE FOR

Spider mites, the almost invisible yet one of the most destructive insects found in trees, shrubs and flowers, can be controlled with this formulation. It offers you quick acting, long lasting control of mites and other listed insect pests.

[BACK/SIDE LABEL PANEL CONT'D]**2. HOW DO YOU USE IT?**

This product is intended for ground application only. To kill spider mites, bagworms, aphids and other listed insects, follow dilution rates under plant headings. Make adequate sprays when pests appear or when their damage is first observed. Do not over-dose or over-spray. Do not use on ornamental plants not listed. The use listed below are foliar sprays-unless otherwise indicated.

TREES, SHRUBS & FLOWERS:

As a foliar spray, apply 2 sprays 6 weeks apart the first year followed by annual applications soon after first growth begins in the spring

Crop	Pest	Rate	Special Directions
Arborvitae	Aphids, Bagworms, and Mites	1 pint per 16 gallons of water	
Azalea	Lace Bugs, Leaf Miners, Mites, Tea Scale, and Whiteflies	1 pint per 16 gallons of water	
Boxwood	Leaf Miners, Mealy Bugs and Mites and	1 pint per 16 gallons of water	For Leaf miners apply in spring when Leaf Miners first appear or in early summer for control of larvae in infested areas.
Camellias	Aphids, Camellia, Mites, and Tea Scale	1 pint per 16 gallons of water	Foliar Spray: Follow instructions listed above. Soil Drench: Apply as a soil drench around base of plants in early spring at the rate of 3/4 cup per 1 gallon of water per plant up to 6 feet tall. Increase the rate proportionately for larger plants.

Cedar	Mites	1 pint in 8 gallons of water	
Day Lilies	Aphids and Thrips	1 pint in 8 gallons of water	NOTE: Do not use on Easter Lilies as injury may result.
Euonymus	Aphids and scale	1 pint in 8 gallons of water	
Gardenias	Tea Scale and Whiteflies	1 pint per 16 gallons of water	
Gerbaras	Thrips	1 pint per 16 gallons of water	
Gladiolus	Aphids and Thrips	1 pint per 16 gallons of water	
Hemlock	Mites and Scale	1 pint per 16 gallons of water	
Holly (English and American) (do not use on Buford variety)	Mites, Leaf Miners and Soft Scales.	1 pint per 16 gallons of water	For Leaf miners apply in spring when Leaf Miners first appear or in early summer for control of larvae in infested areas.
Iris	Aphids, Iris Borers and Thrips	1 pint in 8 gallons of water	For Borer control, spray when new leaves are 5-6 inches tall.
Juniper	Aphids, Bagworms, Mites and Midges	1 pint in 8 gallons of water	
Oak	Golden Oak Scale	1 pint in 8 gallons of water	
Pines	Aphids, Bagworms, European and Nantucket Pine Tip Moth and Zimmerman Pine Moth	1 pint in 8 gallons of water	

Poinsettias (outdoor plants)	Aphids, Mealy Bugs Mites and Whiteflies	1 pint per 16 gallons of water	
Roses	Aphids, Leafhoppers, Mites and Thrips	1 pint per 16 gallons of water	Foliar Spray: Follow instructions listed above. Soil Drench: Apply as a soil drench around base of plants in early spring at the rate of 3/4 cup per 1 gallon of water per plant up to 6 feet tall. Increase the rate proportionately for larger plants.
Yews (Tazus)	Fletcher Scale, Mealy Bugs and Mites	1 pint in 8 gallons of water	

FRUIT TREES: To kill listed insects mix the required dosage in table in 16 gallons of water. Apply as directed below. Do not apply when trees or substantial numbers of weeds in the orchard (grove) are in bloom. Do not graze livestock in treated orchards.

Crop	Pest	Rate	Directions
Apples and Pears	Aphids, Leafhoppers, Pear Psylla, Mites (except Rust Mites)	½ - 1 pint per 16 gallons of water	Do not apply within 28 days of harvest. Apply as a thorough distribution coverage spray.
Lemons and Oranges	Aphids	½ - 1 pint per 16 gallons of water	Do not apply within 15 days of harvest. Apply as an outside coverage spray.
	Mites (except Rust Mites)	½ - 1 pint per 16 gallons of water	Do not apply within 15 days of harvest. Apply as a thorough coverage spray.

	Scale (except black and snow)	1 - ½ pints per 16 gallons of water	Do not apply within 45 days of harvest. Apply as a thorough coverage spray.
	Thrips	½ - 1 pint per 16 gallons of water	Do not apply within 15 days of harvest. Apply as a mist spray.
	Whiteflies	½ - 1 pint per 16 gallons of water	Do not apply within 15 days of harvest. Apply as a thorough distribution coverage spray.

3. HERE ARE THE RESULTS YOU SHOULD EXPECT!

When used as directed ferti•lome® Systemic Spider Mite Spray will kill and give long lasting control of spider mites that have invaded your ornamental garden area.

[Optional proposed text appears in brackets - the final label may include some or all of the optional text.]

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Storage: Store in a cool, dry, well ventilated area. Avoid temperatures below 32°F, or above 90°F.

Container Disposal: [*Metal* - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.] [*Plastic* - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.]

Pesticide Disposal: Pesticides wastes are acutely hazardous. 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 Regional Office for guidance.

[BACK/SIDE LABEL PANEL CONT'D]

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

CAUTION

May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling and before eating or smoking. Avoid contamination of feed or foodstuffs. Do not permit children or pest in contact with treated foliage until spray has completely dried.

FIRST AID ORGANOPHOSPHATE PESTICIDE	
If Swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
If Inhaled	<ul style="list-style-type: none"> • Move victim to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
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 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.
Have the product container or label with you when calling a poison control center or doctor, or going for help. You may also want to contact 911 for emergency medical treatment information.	
NOTE TO PHYSICIAN: Atropine is antidotal. Pralidoxime chloride may be effective as an adjunct to atropine. This product may cause cholinesterase inhibition. This product contains xylene range aromatic solvents. Vomiting may cause aspiration pneumonia and may result in severe lung damage. If swallowed, stomach contents should be excavated quickly in a manner which avoids aspiration. Otherwise, treatment should be directed at the control of symptoms and clinical condition.	

[BACK/SIDE LABEL PANEL CONT'D]**Personal Protective Equipment:**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category (F) on the EPA chemical resistance category selection chart.

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves, such as: barrier laminate, butyl rubber, nitril rubber or viton; and shoes plus socks.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering control statements: When handlers used closed systems, enclosed cabs, or aircraft in a manner that meets with 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 hands before eating, drinking, chewing gum, using tobacco or using toilet.

Remove clothing immediately if pesticides 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.

PHYSICAL & CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to wildlife and aquatic invertebrates. For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning equipment or disposal of wastes.

This pesticide is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Protective information may be obtained from your Cooperative Agricultural Extension Service.

[BACK SIDE LABEL PANEL CONT'D]

NON-WARRANTY: FOLLOW DIRECTIONS CAREFULLY: Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith

Manufactured by:
Voluntary Purchasing Groups, Inc.
P.O. Box 460
Bonham, TX 75418

EPA Reg. No. 7401-106
EPA Est. No. 7401-TX-1

REVISED: 02-01-02

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