

PM-13

59639-77

File

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United States Environmental Protection Agency
Washington, D.C. 20460

Office of
Prevention, Pesticides and
Toxic Substances

OCT 13 1993

Mark Herbst
VALENT U.S.A. CORP
1333 N. CALIFORNIA BLVD BOX 8025
WALNUT CREEK CA 94596

Subject: Label Amendment Submission of 06/15/93
in Compliance with WPS Labeling Requirements
EPA Reg No. 59639-77
TAME 2.4 EC SPRAY

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is accepted subject to the comments listed below.

Based on your certification, the Agency has accepted only those changes to your labeling which are necessary to comply with PR Notices 93-7 and 93-11, which reflect the WPS labeling requirements of 40 CFR part 156, subpart K. Any other labeling changes submitted in connection with this amendment application and not directly related to compliance with PR Notice 93-7 or 93-11 have neither been reviewed nor accepted by the Agency. If you wish to make any such changes, you must submit a separate amendment application proposing them. If your product registration is currently suspended, acceptance of this labeling amendment does not affect the suspension in any way.

A copy of your proposed labeling stamped "Accepted with comments" is attached. Make any required changes described in the attached and send three copies of final labeling as soon as it is available to:

Document Processing Desk (FIN-LABEL)

Office of Pesticide Programs (H-7504C)
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460-0001

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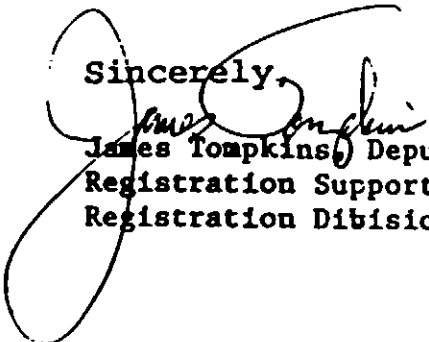
Hand or courier deliveries of final labels may be made to:

Document Processing Desk (FIN-LABEL)
Room 266A Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Please correct the typographical errors circled on the draft before printing final labeling.

In your final labeling the "Agricultural Use Requirements" text must be contained in a clearly separate box. This box may be set apart by a line, by another graphical device, by a different color background, or in any other way that clearly distinguishes it from surrounding text.

Sincerely,


James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

VALENT U.S.A. CORP
TAME 2.4 EC SPRAY
59639-77 06/15/93
Original Submission

There is a typographical error(s) in the Spanish language text.

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Admin: 59639-77

Analyst comments:

Should sentence under Statement of Practical Treatment, If on skin, "Remove contaminated clothing and wash affected areas with soap and water." be deleted? *Ab*

VALENT®

TAME® 2.4 EC Spray

(INSECTICIDE-MITICIDE)

For Commercial Greenhouse Use Only.

*For propathrin 30.9%
In total content 69.1%

*(alpha-Cyano-3-phenoxybenzyl 2,2,3,3-tetramethyl-
cyclopropanecarboxylate)

Contains 2.4 pounds a.i. per gallon.

This product contains Xylene Range Aromatic Solvent

KEEP OUT OF REACH OF CHILDREN.

DANGER - PELIGRO

SEE SIDE PANEL FOR STATEMENT OF PRACTICAL
TREATMENT AND ADDITIONAL PRECAUTIONARY
STATEMENTS.

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

Manufactured for

VALENT U.S.A. Corporation

Walnut Creek, CA 94596-8022

Made in U.S.A.

Form R019B-06/16/93

EPA Reg. No. 59639-77

ACCUMULATED
with COMMENTS
In EPA Letter Dated
OCT 13 1993
under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
59639-77

NET CONTENTS 1 QUART

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS DANGER

Corrosive, causes potentially irreversible eye damage. Do not get in eyes,
on skin, or clothing. Contact with skin can result in a temporary burning,
tingling, or itching sensation. May be fatal if swallowed. Harmful if inhaled
or absorbed through skin. Avoid breathing spray mist.

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Immediately hold eyelids open and flush with a gentle steady
stream of water.
If on skin: Remove contaminated clothing and wash affected areas with
soap and water. Get medical attention.
If inhaled: Remove victim to fresh air. If not breathing, give artificial
respiration, preferably mouth to mouth. Get medical attention.
If swallowed: Call a physician or Poison Control Center immediately. If
medical advice cannot be obtained, drink promptly a large
quantity of milk, egg white or gelatin mixture, or if these are not
available a large amount of water and take person and product
container to the nearest emergency treatment facility. DO NOT
INDUCE VOMITING. Petroleum distillates in product may
cause aspiration pneumonia.

Note to Physician: Possible mucosal damages may contraindicate the
use of gastric lavage. For Emergency Information Call 1-800-892-0000.

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 G on an 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 or Viton ≥ 14
mils, shoes plus socks and protective eyewear.

Discard clothing and other absorbent materials that have been
drenched or heavily contaminated with this product's concentrate.
Do not reuse them. 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.
- 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.

This product is extremely toxic to fish and aquatic organisms and is toxic
to wildlife. For terrestrial use, do not apply directly to water, to areas where
surface water is present or to a terrestrial area below the mean high water
mark. Do not apply where runoff is likely to occur. Do not apply when
weather conditions favor drift from areas treated. Do not contaminate
water when disposing of equipment washwaters.

This product 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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent
with its labeling.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH
LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND
WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

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 require-
ments for training, decontamination, notification, and emergency assistance.
It also contains specific instructions and exceptions pertaining to the state-
ments on this label about personal protective equipment (PPE), and re-
stricted-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 24 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 or Viton ≥ 14 mils, shoes plus socks, and
protective eyewear.

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage or cleaning of equipment.
Open dumping is prohibited.

STORAGE

Keep pesticide in original container.

Do not put concentrate or dilute into food or drink containers.

Not for use or storage in or around the home.

Do not store next to feed or food, or transport in or on vehicles containing
feedstuffs or feeds.

Store in a cool, dry place.

Protect from heat.

For help with any spill, leak, fire or exposure involving this material, call day
or night 1-800-892-0000, or Chemtrec 1-800-424-9300.

PESTICIDE 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 Regional Office for guidance.

CONTAINER DISPOSAL

Triple-rinse (or equivalent). Do not reuse container. Dispose of in a sanitary
landfill or by other procedures allowed by State and local authorities.

BEST AVAILABLE COPY

DIRECTIONS

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

FOR GREENHOUSE USE AND FOR LATH HOUSE AND SHADE HOUSE USE (WHERE PLANTS ARE GROWN IN CONTAINERS) ONLY.

Application Instructions: Apply specified dosage in sufficient water for complete coverage. Spray all foliage surfaces including underside of leaves. Repeat as needed to maintain control. Under severe pest pressure, use the higher recommended rates and/or shorter spray intervals. TAME may be tank mixed and/or alternated with many commonly used insecticides and miticides. See recommendations for rotating sprays for Sweet Potato Whitefly.

Note: Since ornamental varieties are numerous, constantly changing, and may react differently to TAME, test the product on a small scale before making large-scale applications. High gallonage applications to certain chrysanthemum varieties may result in crop injury. Do not apply to chrysanthemums and roses with open flowers. Application of the TAME plus ORTHENE® tank mix on poinsettias after frost formation may result in phytotoxicity on certain varieties. Certain strains of Sweet Potato Whitefly may be more susceptible to a TAME plus ORTHENE® tank mix.

PLANTS AND SHRUBS

Crops	Pests	Greenhouse, Shade and Lath House Dosage FL. Oz./100 Gals.	Special Instructions
PLANTS Anthurium Bedding Plants Chenopods Chrysanthemum Crocosmia Columbine Foliage Plants Geranium Gloxias Impatiens Lilacs, Lily Marigold Poinsettia Snapdragon	Leafhoppers, Greenhouse Whitefly	5 1/3 to 10 2/3	May be tank mixed with ORTHENE Turf, Tree & Ornamental Spray 1/3 lb./100 gals. NOTE: Do not use the TAME plus ORTHENE tank mix on the following plants: Chrysanthemum, Crocosmia, Columbine, Geranium, Impatiens, Lilacs, Lily, Marigold, and Snapdragon. These plants are not listed on the Orthene Turf, Tree & Ornamental Spray label.
	Two-Spotted Spider Mite, Southern Red Mite (low to moderate pressure).	8 to 16	
	Beet Armyworm	10 2/3	
	Mealybug (including immature stages of citrus mealybug).	16	
	Lepidoptera	10 2/3	
	Sweet Potato Whitefly, Adult and Small Nymphs (early instars).	16	
	Adult, Nymph (includes all instar and transitional stages (pupae)).	10 2/3 Plus ORTHENE Turf, Tree & Ornamental Spray 1/3 lb./100 gals. Apply when adults and nymphs appear. If a population is well established, make one application of the tank mix and follow 5 to 7 days later with TAME alone at 10 fl. oz./100 gals. Apply up to 3 successive applications, then rotate to a non-pyrethroid/organophosphate insecticide to avoid potential for resistance. See instructions above in the Notes Section. If a tolerant strain of Sweet Potato Whitefly is present, treat with EPA labeled insecticides other than TAME plus ORTHENE. (See NOTE above.)	

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Crops	Pests	Greenhouse, Shade and Lath House Dosage FL. Oz./100 Gals.	Special Instructions
SHRUBS Azalea Boxwoods Camellia Cotoneaster Crotone Elaeagnus Euonymus Gardenia Hibiscus Hollies Honeysuckle Hydrangea Juniper Lantana Mahonia Nandina Philadelphus Rhododendron Rose Viburnum	European Red Mite, Lacebug, Leafhoppers, Spotted Tentiform Leafminer, Greenhouse Whitefly	5 1/3 to 10 2/3	May be tank mixed with ORTHENE Turf, Tree & Ornamental Spray 1/3 lb./100 gals.
	Two-Spotted Spider Mite, Southern Red Mite (low to moderate mite pressure).	8 to 16	
	Beet Armyworm, Japanese Beetle	10 2/3	Tank mix with ORTHENE Turf, Tree & Ornamental Spray 1/3 lb./100 gals. Apply when adults are first detected. Apply up to 3 successive applications, then rotate to a non-pyrethroid/organophosphate insecticide to avoid potential for resistance. See instructions above in the Notes Section. If a tolerant strain of Sweet Potato Whitefly is present, treat with EPA labeled insecticides other than TAME plus ORTHENE.
	Aphids	10 2/3	
	Sweet Potato Whitefly, Adult and Small Nymphs (early instars)	16	
Adult Nymph (includes all instar and transitional stages (pupae)).	10 2/3 Plus ORTHENE Turf, Tree & Ornamental Spray 1/3 lb./100 gals. Apply when adults and nymphs appear. If a population is well established, make one application of the tank mix and follow 5 to 7 days later with TAME alone at 10 lb. oz./100 gals. Apply up to 3 successive applications, then rotate to a non-pyrethroid/organophosphate insecticide to avoid potential for resistance. See instructions above in the Notes Section. If a tolerant strain of Sweet Potato Whitefly is present, treat with EPA labeled insecticides other than TAME plus ORTHENE.		

TREES

Crops	Pests	Dosage FL. Oz./100 Gals.	Special Instructions
TREES Conifers Deciduous	Apple Aphid, European Red Mite, San Jose Scale (winter), Spotted Tentiform Leafminer, Thrips, Woolly Apple Aphid	5 1/3 to 10 2/3	May be tank mixed with ORTHENE Turf, Tree & Ornamental Spray 1/3 lb./100 gals.
	Two-spotted Spider Mite, Southern Red Mite, (low to moderate mite pressure)	8 - 16	
Non-Bearing Apple, Pear	Codling Moth, Leafhoppers, European Red Mite, McDowell Mite, Orange Tortix, Pandoma Moth, Tortoise Shell Bug	5 1/3	Apply beginning a few days before or as needed
	Two-spotted Spider Mite, Southern Red Mite, (low to moderate mite pressure)	8 - 16	

MIXING INSTRUCTIONS

TAME mixes readily with water. When tank mixing with ORTHENE Turf, Tree & Ornamental Spray, first mix the recommended amount of ORTHENE Turf, Tree & Ornamental Spray in the appropriate amount of water, then add the TAME last. Agitate well. All applicable directions, restrictions and precautions on the ORTHENE EPA registered label are to be followed.

Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

IMPORTANT INFORMATION. READ BEFORE USING PRODUCT.

LIMITED WARRANTY: 1. Valent U.S.A. Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for use under average conditions when used strictly in accordance with the label directions. Valent U.S.A. Corporation, its subsidiaries, agents, distributors, or representatives, make, authorize, or endorse no other warranty, representation, or statement.

2. No warranty, representation, or statement is made by Valent U.S.A. Corporation, its subsidiaries, agents, distributors, or representatives, for ANY PARTICULAR PURPOSE IS MADE.

3. Critical and unforeseeable factors beyond Valent's control prevent it from eliminating all risks in connections with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which product is applied, lack of complete control over the handling and application of this product, and damage caused by drift to other plants or crops. Such risks occur even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Valent under 1 above) resulting from handling, storage, and use of product.

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