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VALENT U. S. A. CORPORATION

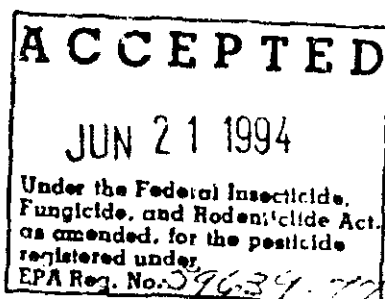
PROPOSED LABELING

TAME® 2.4 EC Spray

(INSECTICIDE-MITICIDE)

For Commercial Greenhouse and Outdoor use only
(Where plants are grown in containers)

April 4, 1994





TAME® 2.4 EC Spray

(INSECTICIDE-MITICIDE)

~~For Commercial Greenhouse Use Only.~~ COPY A -- REPLACE

Active Ingredient	By Wt.
*Fenprothrin	30.9%
Inert Ingredients	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

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.)

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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 Physicians: Possible mucosal damages may contraindicate the use of gastric lavage. For Emergency Information Call 1-800-892-0099.

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.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish and aquatic organisms and is toxic to wildlife. Do not apply directly to water, to areas where surface water is present or to intertidal areas 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.

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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 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 restrictive-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 \geq 14 mils, shoes plus socks, and protective eyewear.

~~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 re-entry intervals. TAME may be tank mixed and/or alternated with many common **COPY B -- REPLACE** as. See recommendations for rotating sprays for Sweetpotato 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 bract formation may result in phytotoxicity on certain varieties.~~

~~Certain strains of Sweetpotato Whitefly may be more susceptible to a TAME plus ORTHENE[®] tank mix.~~

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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.

Plants and Shrubs

Crops	Pests	Greenhouse, Shade and Lath House Dosage FL Oz./100 Gals.	Special Instructions	
PLANTS Anthurium Bedding Plants Chamomile Chrysanthemum Crocandra Columbine Foliage Plants Geranium Gladiolus Impatiens Liriope, 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: Chamomile, Crocandra, Columbine, Geranium, Impatiens, Liriope, 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 mite pressure).	8 to 16		
	Beet Armyworm	10 2/3		
	Mealybug (including immature stages of citrus mealybug)	10		
	Aphids	COPY C -- REPLACE		Tank mix with ORTHENE Turf, Tree & Ornamental Spray 1/3 lb./100 gals.
	Sweetpotato Whitefly, Adult and Small Nymphs (early instars).	16	Apply when adults are first detected. Apply up to 3 successive applications, then rotate to a non-pyrethroid product to avoid potential for resistance.	
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 Sweetpotato 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 Boxwood Camellia Cotoneaster Croton Elaeagnus EUONYMUS Gardenia Hibiscus Hollies Honeysuckle Hydrangea Juniper Lantana Mahonia Oleander Podocarpus Pyracantha Rhododendron Rose Viburnum	European Red Mite, Lacebugs, 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 Army Worm, Japanese Beetle	10 2/3	
	COPY D -- REPLACE		
	Aphids		Tank mix with ORTHENE Turf, Tree & Ornamental Spray 1/3 lb./100 gals.
	Sweetpotato Whitefly Adults and Small Nymphs (early instars).	16	Apply when adults are first detected. Apply up to 3 successive applications, then rotate to a non-pyrethroid product to avoid potential for resistance.
	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 16 fl. oz./100 gals. Apply up to 3 successive applications, then rotate to non-pyrethroid/organophosphate insecticide to avoid potential for resistance. See instructions above in the Notes Section. If a tolerant strain of Sweetpotato Whitefly is present, treat with EPA labeled insecticides other than TAME plus ORTHENE.	

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TREES

CROPS	PESTS	Dosage Fl. Oz./100 Gals.	Special Instructions
TREES Conifers Deciduous	Apple Aphid, European Red Mite, San Jose Scale (sawflies), Spotted Tentiform Leafminer, Thrips, Woolly Apple Aphid.	5 1/3 to 10 2/3	May be tank mixed with ORTHENE Turf, Tree & Ornamental Spray 2/3 lb./100 gals.
	Two-spotted Spidermites, Southern Red Mite (to moderate mite pressure).		
Non-Bearing Apple, Pear	Codling Moth Leafrollers, European Red Mite, McDaniel Mite, Orange Tortrix, Pandemic Moth, Tarnished Plant Bug.	5 1/3	Apply beginning after petal fall or as needed.
	Two-spotted Spidermites, Southern Red Mite, (low to moderate mite pressure).	5 to 15	

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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 foodstuffs 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 1-800-892-0669, 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. 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.

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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 directions on the labeling. Valent does not make nor authorizes any agent or representative to make, any other warranty, guarantee or representation, express or implied, concerning this product. Specifically, NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE.

2. 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.

3. Precautions stated on the labeling should be followed to avoid hazardous exposure to the product.

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ORTHENE® Reg. TM of Monsanto Company

Manufactured for
VALENT U.S.A. Corporation
Walnut Creek, CA 94596-8025
Made in U.S.A.
~~Form R4150A940001~~
EPA Reg. No. 59639-77

April 4, 1994

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COPY A -- REPLACE

For Commercial Greenhouse and Outdoor Use only.

COPY B -- REPLACE

DIRECTIONS:

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

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

Application Instructions: Apply specified dosage in sufficient water for complete coverage. Spray all foliage 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, miticides and fungicides. See recommendations for rotating sprays for Sweetpotato/Silverleaf whitefly control. Certain strains of whiteflies may be more susceptible to a TAME® plus ORTHENE® tank mix.

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 bract formation may result in phytotoxicity on certain varieties.

SPRAY DRIFT PRECAUTIONS FOR OUTDOOR USE

Make applications when the wind velocity favors on-target product deposition (approximately 3 to 10 mph).

Do not apply when wind velocity exceeds 15 mph.

Do not apply within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish ponds.

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PLANTS				
Crop	Pests	Greenhouse, Shade and Lath house Application rate. Fl. Oz./100 Gal.	Outdoor Use Application Rate. Fl. Oz. (Lb. Al.) Per Acre	Special Instructions
PLANTS Anthurium Bedding Plants Chamomile Chrysanthemum Crossandra Columbine Foliage Plants Geranium Gladiolus Impatiens Liriope Lily Marigold Poinsettia Snapdragon	Leafhoppers, Greenhouse Whitefly	5 1/3 to 10 2/3	5 1/3 to 10 2/3 (0.1 to 0.2)	May be tank mixed with ORTHENE Turf, Tree & Ornamental Spray 1/3 lb./100 gal. for indoor use. Tank mix with 1/3 lb. of ORTHENE TT&O per acre for outdoor use. NOTE: Do not use the TAME plus ORTHENE tank mix on the following plants: Chamomile, Crossandra, Columbine, Geranium, Impatiens, Liriope, Lily, Marigold, and Snapdragon. These plants are not listed on the ORTHENE TT&O label.
	Twospotted Spider Mite Southern Red Mite (low to moderate mite pressure).	8 to 16	8 to 16 (0.15 to 0.3)	
	Beet Armyworm	10 2/3	10 2/3 (0.2)	
	Mealybugs (including immature stages of citrus mealybug).	16	16 (0.3)	
	Aphids	10 2/3	10 2/3 (0.2)	May be tank mixed with ORTHENE Turf, Tree & Ornamental Spray 1/3 lb./100 gal. for indoor use. Tank mix with 1/3 lb. of ORTHENE TT&O per acre for outdoor use.
	Sweetpotato Whitefly (Except CA) Adults and Small Nymphs (early instars).	16	16 (0.3)	Apply when adults are first detected. Apply up to 3 successive applications, then rotate to a non-pyrethroid product to avoid potential for resistance.
	Adult, Nymph (includes all instar and transitional stages [pupae]).	Apply TAME at 10 2/3 fl. oz./100 gal. plus ORTHENE Turf, Tree & Ornamental Spray 1/3 lb./100 gal. for indoor use. For outdoor use apply 10 2/3 fl. oz. per acre (0.2 lb. ai) TAME plus ORTHENE TT&O 1/3 lb. per acre. 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 16 fl. oz./100 gal. for indoor use or 16 fl. oz./acre for outdoor use. Apply up to 3 successive applications, then rotate to a non-pyrethroid/organophosphate insecticide to avoid potential for resistance. See Special Instructions. If a tolerant strain of Sweetpotato Whitefly is present, treat with EPA labeled insecticides other than TAME plus ORTHENE.		

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SHRUBS				
Crop	Pests	Greenhouse, Shade and Lath house Application rate. Fl. Oz./100 Gal.	Outdoor Use Application Rate. Fl. Oz. (Lb. AI.) Per Acre	Special Instructions
SHRUBS Azalea Boxwoods Camellia Cotoneaster Croton Elaeagnus Euonymus Gardenia Hibiscus Hollies Honeysuckle Hydrangea Juniper Lantana Mahonia Oleander Podocarpus Pyracantha Rhododendron Rose Viburnum	European Red Mite Lacebugs Leafhoppers, Spotted Tentiform Leafminer Greenhouse Whitefly	5 1/3 to 10 2/3	5 1/3 to 10 2/3 (0.1 to 0.2)	May be tank mixed with ORTHENE Turf, Tree & Ornamental Spray 1/3 lb./100 gal. for indoor use. Tank mix with 1/3 lb. of ORTHENE TT&O per acre for outdoor use.
	Twospotted Spider Mite Southern Red Mite (low to moderate mite pressure)	8 to 16	8 to 16 (0.15 to 0.3)	
	Beet Armyworm, Japanese Beetle	10 2/3	10 2/3 (0.2)	
	Aphids	10 2/3	10 2/3 (0.2)	May be tank mixed with ORTHENE Turf, Tree & Ornamental Spray 1/3 lb./100 gal. for indoor use. Tank mix with 1/3 lb. of ORTHENE TT&O per acre for outdoor use.
	Sweetpotato Whitefly (Except CA) Adults and Small Nymphs (early instars).	16	16 (0.3)	
	Adult, Nymph (includes all instar and transitional stages [pupae]).	Apply TAME at 10 2/3 fl. oz./100 gal. plus ORTHENE Turf, Tree & Ornamental Spray 1/3 lb./100 gal. for indoor use. For outdoor use apply 10 2/3 fl. oz. per acre (0.2 lb. ai) plus ORTHENE TT&O 1/3 lb. per acre. 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 16 fl. oz./100 gal. for indoor use or 16 fl. oz./acre for outdoor use. Apply up to 3 successive applications, then rotate to non-pyrethroid/organophosphate insecticide to avoid potential for resistance. See Special Instructions. If a tolerant strain of Sweetpotato Whitefly is present, treat with EPA labeled insecticides other than TAME plus ORTHENE.		

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FOR GREENHOUSE, SHADE AND LATH HOUSE USE ONLY

CROPS	PESTS	Greenhouse, Shade and Lath house Application rate. Fl. Oz./100 Gal.	Special Instructions
TREES Conifers Deciduous	Apple Aphid, European Red Mite, San Jose Scale (crawlers), Spotted Tentiform Leafminer, Thrips, Wooly Apple Aphid.	5 1/3 to 10 2/3	May be tank mixed with ORTHENE Turf, Tree & Ornamental Spray 2/3 lb./100 gal.
	Twospotted Spider Mite Southern Red Mite (low to moderate mite pressure).	8 to 16	
Non-Bearing Apple, Pear	Codling Moth, Leafrollers, European Red Mite, McDaniel Mite, Orange Tortrix, Pandemis Moth, Tarnished Plant Bug.	5 1/3	Apply beginning after petal fall or as needed.
	Twospotted Spider Mite Southern Red Mite (low to moderate mite pressure).	8 to 16	

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