

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

APRIL 17, 1995

Dr. David A. Wustner
Senior Project Manager
Valent U. S. A.
1333 North California Blvd., Suite 600
Post Office Box 8025
Walnut Creek, California 94596-8025

Dear Dr. Wustner:

Subject: Label Amendment-Add Use on Commercial Non-food
Use and Outdoor Ornamental and Nursery Planting; and
Review of Acute Toxicity Formulation
TAME 2.4 EC Spray
EPA Registration Number 59639-77
Your Submissions Dated February 16, and May 27, 1994

The amended referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, section 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. The cotton aquatic risk mitigation measures for these uses are considered **interim measures** that may be modified.
3. Modifications to the interim aquatic risk mitigation measures will be based on the Agency's review of the available toxicity, use, and aquatic modeling information as well as the Spray Drift Task Force database.

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

4. We have completed a review of the five acute toxicity studies submitted to support the signal word change from warning to "DANGER" for the subject products referred to above, and conclude that all of the studies are acceptable except for the Acute Dermal (GRN § 81-2), Primary Dermal Irritation (GRN § 81-5) and Dermal Sensitization (§ 81-6). Please refer to EPA's Precautionary Section Review dated December 20, 1994 (EPA Registration Number 59639-35) for detailed comments and/or deficiencies.

At present the signal word is "DANGER" based on the eye irritation potential of these products. The acute toxicology database profile at present is:

NAME OF STUDY	TOX CAT.	CLASS.
ACUTE ORAL (GRN § 81-1)	II	CORE MINIMUM
ACUTE DERMAL (GRN § 81-2)		SUPPEMENTARY
ACUTE INHALATION (GRN § 81-3)	III	CORE MINIMUM
EYE IRRITATION (GRN § 81-4)	I	CORE MINIMUM
DERMAL IRRITATION (GRN § 81-5)		SUPPEMENTARY
DERMAL SENSITIZATION (GRN § 81-6)		SUPPLEMNTARY

Based on the currently toxicology database, you must make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- a. The Precautionary Statement should read as follow:

PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS & DOMESTIC ANIMALS
DANGER

CORROSIVE. Causes irreversible eye damage (delete "potentially"). May be fatal if swallowed. Harmful if inhaled. Do not get in eyes or skin or clothing. Avoid inhaling fume or spray mist. Wear goggles or face shield. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

- b. The statement of practical treatment should read:

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Call physician. Keep eye lids open and flush with a gentle steady stream of water for 15 minutes.

IF SWALLOWED: Call physician or Poison Control Center. Drink promptly a large quantity of milk, egg white or gelatin mixture, or if these are not available a large quantity of water. Do not induce vomiting. Petroleum distillates in the product may cause aspiration pneumonia.

IF ON SKIN: Wash thoroughly 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.

NOTE TO PHYSICIAN: Possible mucosal damage may contraindicate the use of gastric lavage.

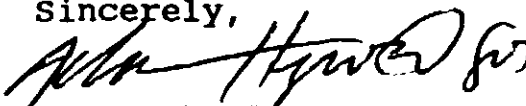
Additional precautionary labeling may be necessary upon submission and acceptance of the outstanding data.

- c. In accordance with PR Notice 91-8, your technical product labeling (DANITOL Technical/EPA Registration # 59639-76) must be revised to include the new site (s).
5. Submit three (3) copies of the final printed labeling before you release the product for shipment.

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

A stamped copy of the labeling is enclosed for your record.

Sincerely,



George T. LaRocca
Product Manager 13
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure:

CC: Ms. Kelli Woodwick
Washington, DC Office



1
1/8/13
Insert
Copy A

TAME[®] 2.4 EC Spray

(INSECTICIDE-MITICIDE)

For Commercial Greenhouse Use Only.

Replace
Copy B

Active Ingredient	By Wt.
*Fenpropathrin	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

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 94598-8025
Made in U.S.A.

Form R019D-10/25/03 11/11/93
EPA Reg. No. 59639-77

ACCEPTED
with COMMENTS
in EPA Letter Dated

APR 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
59639-77

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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 Laminates 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.

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 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 24 hours.

PPE required for entry into 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 Dertier Laminite or Viton ≥ 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 spray intervals. TAME may be tank mixed and/or alternated with many commonly used insecticides and miticides. 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.

Replace
Copy C

Insert
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PLANTS AND SHRUBS

Crops	Pests	Greenhouse, Shade and Lath House Dosage FL. Oz./100 Gals.	Special Instructions
PLANTS Anthurium Bedding Plants Chrysanthemum Crossandra Columbine Foliage Plants Geranium Glaucolus 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, Crossandra, 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	
	Spot Armyworm	10 2/3	
	Mealybug (including immature stages of citrus mealybug).	16	
	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 tankmix 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 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.)		

Replace Copy E

Crops	Pests	Greenhouse, Shade and Lath House Dosage FL. Oz./100 Gals.	Special Instructions
SHRUBS Azalea Boxwoods Camellia Coleonaster 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	
	Spot Armyworm, Japanese Beetle	10 2/3	
	Aphids	10 2/3	Tank mix with ORTHENE Turf, Tree & Ornamental Spray 1/3 lb./100 gals.
	Sweet Potato 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 tankmix 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 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 (crawlers), 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, McDunnell Mite, Orange Tortix, Pear clemis Moth, Tortured Plant Bug	5 1/3	Apply beginning after petal fall or as needed
	Two-spotted Spider mite, Southern Red Mite, (low to moderate mite pressure)	8 - 16	

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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.

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage or use. Open dumping is prohibited.

STORAGE

Keep pesticide in original container.
Do not put concentrate or dilute into food or drink or Not for use or storage in or around the home.
Do not store next to feed or food, or transport in or on foodstuffs or feeds.
Store in a cool, dry place.
Protect from heat.

For help with any spill, leak, fire or exposure involving or night 1-800-892-0099, or Chemtrec 1-800-424-9

PESTICIDE DISPOSAL

Pesticide wastes are toxic. Improper disposal of exc emdure or rinseate is a violation of Federal Law. If the disposed of by use according to label instructions Pesticide or Environmental Control Agency, or the representative at the nearest EPA Regional Office.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Do not reuse container. (reconditioning, or puncture and dispose of in a incineration, or, if allowed by State and local author burned, stay out of smoke.

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 authorize 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 Chevron Chemical Company

COPY A -- ADD

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RESTRICTED USE PESTICIDE
Due to toxicity to fish and aquatic organisms. For retail sale to and use by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

COPY B -- REPLACE

**For Commercial Nonfood Use On Indoor and Outdoor
Ornamental and Nursery Plantings**

COPY C -- REPLACE

DIRECTIONS:

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

This product is for commercial, nonfood use only. TAME® 2.4 E. C. Spray is intended for control of the indicated insects and mites on indoor ornamental plantings in greenhouses, lath houses, shade houses, interiorscapes, and other ornamental plants, and on outdoor ornamental plantings in commercial nurseries and other landscaped areas.

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.

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COPY D -- ADD

SPRAY DRIFT PRECAUTIONS FOR OUTDOOR USE

TAME® is extremely toxic to fish and aquatic invertebrates. Observe the following precautions when spraying outdoors in the vicinity of aquatic areas such as lakes; reservoirs; rivers; permanent streams, marshes, or natural ponds; estuaries; and commercial fish farm ponds.

- Do not apply within 25 feet of the aquatic areas listed above. When treating tall trees (> 15 feet) from the ground with high pressure sprays or during any application with air assisted equipment (mist blowers) do not apply within 150 feet of aquatic areas.
- Make applications when the wind velocity favors on-target deposition (approximately 3 to 10 mph) Do not apply when sustained winds or wind gusts exceed 15 mph.
- Risk of exposure to sensitive aquatic areas can be reduced by avoiding applications when the wind direction is towards the aquatic area.
- Low humidity and high temperatures increase the likelihood of spray drift to sensitive areas. Avoid spraying during conditions of low humidity and /or high temperature.
- Use the largest droplet size consistent with acceptable efficacy. Formation of very small droplets may be minimized by appropriate nozzle selection and by avoiding excessive spray pressure.
- Do not make applications during temperature inversions. Inversions are characterized by stable air and increasing temperature with height above ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

When applying indoors, be particularly careful not to allow drift to containers or ornamental ponds containing valuable fish or invertebrates.

TREES				
Crop	Pests	TAME Application Rate		Special Instructions
		fl. oz. per 100 gal.	fl. oz. (lb. ai.) per acre	
TREES Conifers Deciduous Non-deciduous Palms	European Red Mite, San Jose Scale (crawlers), Spotted Tentiform Leafminer, Thrips	5% to 10%	5% to 10% (0.1 to 0.2)	May be tank mixed with ORTHENE Turf, Tree and Ornamental Spray ½ lb./100 gal.
	Apple Aphid, Leafminer, Wooly Apple Aphid	5% to 10% TAME + ½ lb. to ¾ lb. ORTHENE Turf, Tree and Ornamental Spray	5% to 10% (0.1 TO 0.2) TAME + ½ lb. ORTHENE Turf, Tree and Ornamental Spray	Tank mix TAME 5% to 10% oz. plus ORTHENE Turf, Tree and Ornamental Spray ½ lb./100 gal. for greenhouse and shadehouse use. Tank mix with ½ lb. Orthene 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)	May be tank mixed with ORTHENE Turf, Tree and Ornamental Spray ½ lb./100 gal.
Non-Bearing Nursery Fruit Trees	Codling Moth, Leafrollers, European Red Mite, McDaniel Mite, Orange Tortrix, Pandemis Moth, Tarnished Plant Bug	5%	5% (0.1)	Apply beginning after petal fall or as needed. Do not apply within 6-months of potential food use fruit set.
	Twospotted Spider Mite, Southern Red Mite (low to moderate mite pressure).	8 to 16	8 to 16 (0.15 to 0.3)	

ORNAMENTAL SHRUBS AND PLANTS				
Crop	Pests	TAME Application Rate		Special Instructions
		fl. oz. per 100 gal.	fl.oz. (lbs aI)/Acre	
Shrubs and Plants	European Red Mite, Lacebugs, Leafhoppers, Spotted Tentiform Leafminer, Greenhouse Whitefly	5% to 10%	5% to 10% (0.1 to 0.2)	May be tank mixed with ORTHENE Turf, Tree & Ornamental Spray 1/4 lb./100 gal. for greenhouse and shadehouse use. Tank mix with 1/4 lb. of Orthene 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)	
	Black Vine Weevil (Adults), Beet Armyworm, Japanese Beetle	10%	10% (0.2)	
	Mealybugs (including immature stages of Citrus Mealybug)	16	16 (0.3)	
	Aphids	10% TAME + 1/4 lb. to 1/2 lb. ORTHENE Turf, Tree and Ornamental Spray	10% (0.2) TAME + 1/4 lb. ORTHENE Turf, Tree and Ornamental Spray	Tank mix with ORTHENE Turf, Tree & Ornamental Spray 1/4 lb./100 gal. for greenhouse and shadehouse use. Tank mix with 1/4 lb. of Orthene per acre for outdoor use.
	Sweetpotato Whitefly (Silverleaf Whitefly) Adults (Except West of the Rockies)	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.
	Sweetpotato Whitefly (Silverleaf Whitefly) Adult, Nymphs (includes all instar and transitional stages [pupae]).	10% to 16 TAME + 1/4 lb. to 1/2 lb. ORTHENE Turf, Tree and Ornamental Spray	10% to 16 (0.2 to 0.3) TAME + 1/4 lb. ORTHENE Turf, Tree and Ornamental Spray	Tank mix 10% to 16 fl. oz./100 gal. TAME plus ORTHENE Turf, Tree & Ornamental Spray 1/4 lb./100 gal. for greenhouse and shadehouse use. Tank mix with 1/4 lb. Orthene for outdoor use. Apply when adults and nymphs are first detected. Apply up to 3 successive applications, then rotate to non-pyrethroid/organophosphate insecticide to avoid potential for resistance.