

499-511

12/05/2006

1/15



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.

Number:

499-511

Date of Issuance:

DEC -5 2006

Term of Issuance:

Conditional

Name of Pesticide Product:

TC 263

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Whitmire Micro-Gen Research Laboratories
3568 Tree Court Industrial Blvd.
St. Louis, MO 63122-6682

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Make the following label changes:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 499-511".

Signature of Approving Official:

See page 4

Date:

DEC -5 2006

b. Add the section entitled "Safe Handling Procedures" as follows:

Personal Protective Equipment (PPE)

Applicators, mixers, and other handlers must wear:

- long-sleeved shirt
- long pants,
- socks, shoes
- chemical-resistant gloves
- protective eyewear.

In addition, the following statements must be added to your product labeling:

- Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals.
- Your label must contain a "Note to Physician". The following statements are suggested types of information that may be included, if applicable: technical information on symptomatology; - use of supportive treatments to maintain life functions; - medicine that will counteract the specific physiological effects of the pesticide; - company telephone number to specific medical personnel who can provide specialized medical advice.

c. Due to the difference in the amount of synergist relative to active ingredient between the subject and test formulation it is not possible to consider the cited data in support of the desired registration.

All pests of public health significance (listed below) must be moved from the label. Whitmire Micro-Gen is advised to submit or cite relevant data for support of these pests.

Remove the following pests listed below:

Hymenoptera:

- Ants, including Carpenter Ants and Fire Ants - OR - retain Ants stated as "Ants, except Carpenter, Pharaoh, Fire and Harvester Ants"
- Bees
- Wasps, including Hornets, Mud Daubers, & Yellow jackets

Hymenoptera:

- Ants, including Carpenter Ants and Fire Ants - OR - retain Ants stated as "Ants, except Carpenter, Pharaoh, Fire and Harvester Ants"
- Bees
- Wasps, including Hornets, Mud Daubers, & Yellow jackets

Hemiptera: Bed Bugs

Diptera

- Flies, including Black Flies, Blow Flies, Bottle Flies, Cluster Flies, Deer Flies, Horn Flies, Face Flies, Horse Flies, House Flies, and Stable Flies.
- Mosquitoes
- Siphonaptera: Fleas
- Phthiraptera: Lice
- Blattodea: Cockroaches, including Palmetto Buds
- Chilapoda: Centipedes
- Aranear: Spiders - OR - retain Spiders stated as "Spiders, Except Black Widow and Brown Recluse Spiders"
- Acarina
- Ticks
- Chiggers
- Scorpiones: Scorpions

Data Requirements

2. A one year Storage Stability (830.6317) and Corrosion Characteristics, (830.6320) studies are a requirement for the formulated product. You are required to generate a one year storage stability study for the proposed product under warehouse conditions. It is recommended that observations are made at 0,3,6,9, and 12 months intervals. The corrosion characteristics study may be carried out concurrently. These studies must be provided to the Agency within 18 months from the date of initial registration for this product.

Note that a notice of availability of EPA's reregistration eligibility document (RED) for products containing pyrethrins was published in FR on July 26, 2006 (Vol. 71, Number 143, pages 42387-42389) and Piperonyl Butoxide was published in FR on July 26, 2006 (Vol. 71, Number 143, pages 42385-42386).

4415

Page 4
EPA REG. NO 499-511

A copy of the reviews are enclosed for your records.

Submit two copies of the final printed label for the record. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIRRA sec. 6(e). The release for shipment of the product constitutes acceptance of these conditions.

Enclosed is a copy of your label stamped with comments.

Sincerely,



Richard Gebken
Product Manager
Insecticide Branch
Registration Division (7505P)

TC 263

New York State [Microbicide] This product may not be applied using residential automated mixing systems.

KILLS:

Angoumois Grain Moths, Ants, Boxelder Bugs, Cadelles, Cheese Mites, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Earwigs, Fruit Flies, Gnats, Granary Weevils, House Flies, Indianmeal Moths, Mosquitoes, Rice Weevils, Spiders, Tobacco Moths and Wasps

FOR USE IN AND AROUND:

Apartments, Cafeterias, Dormitories, Food Service and Preparation Areas, Grocery and Convenience Stores, Homes, Hotels, Health Care Facilities, Landscapes, Motels, Office Buildings, Restaurants, Schools and Universities

See full label for additional insects and use sites.

ACTIVE INGREDIENTS:

Pyrethrins, a botanical insecticide	3.0%
Piperonyl butoxide, technical*	15.0%

OTHER INGREDIENTS:	82.0%
TOTAL:	100.0%

* Equivalent to 12.0% (butylcarbityl)(6-propylpiperonyl) ether and 3.0% related compounds.

1 gallon contains 0.25 lb of pyrethrins

KEEP OUT OF REACH OF CHILDREN CAUTION

See back panel [full label] for First Aid, Precautionary Statements, Directions for Use and Storage & Disposal.

EPA Reg. No. 499-xxx • EPA Est. No. 499-MO-1

NET CONTENTS: _____



WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.
800-777-8570 www.wrmg.com

**ACCEPTED
with COMMENTS
by EPA Letter Dated**

DEC - 5 2006

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
499-511

FIRST AID

IF SWALLOWED: Immediately call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eyes open and rinse slowly and gently with water for 15 - 20 min. Remove contact lenses, if present, after the first 5 min, then continue rinsing eyes. 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 treatment. You may also call 1-800-225-3320 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

ENVIRONMENTAL HAZARDS

This product is highly toxic to fish. Do not contaminate bodies of water when disposing of equipment rinsewater or wash waters.

TERRESTRIAL USES: Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment wash waters.

See complete label for additional statements regarding Wide Area Mosquito Control Applications.

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.

USE RESTRICTIONS

- Apply this product only as specified on this label.
- Do not remain in treated area when applying as a space treatment. Ventilate area thoroughly before reentering.
- Do not allow children or pets to enter the treated area until it has been thoroughly ventilated.
- Do not apply directly to food.
- Remove or cover all food and water in the treatment area before use.
- Remove or cover dishes, utensils, food processing equipment and food preparation surfaces in the treatment area before use or wash them thoroughly after ventilation of treated area.
- Cover all food processing surfaces and equipment in the treatment area or wash with an effective cleaning compound followed by a potable water rinse after use of this product.
- Remove pets, birds, cover fish aquariums and turn off air pump motor before application.
- In health care facilities, remove patients prior to treatment and thoroughly ventilate treated area for 2 hr before returning patients.

DILUTION RATES

Follow rates for specific pests in mechanical sprayers which produce particles of aerosol size (80% of droplets less than 30 microns) or in pump sprayers. Use the higher rate for clean outs or high insect infestations. Dilute only with water.

Pyrethrin % Desired	Amount of Concentrate per gallon of water*
0.050%	2 fl oz
0.125%	5 1/3 fl oz
0.250%	10 2/3 fl oz
0.500%	21 1/3 fl oz
1.000%	42 2/3 fl oz

* Do not dilute with spray oil.

NOTE: 1/3 fl oz = 2 tsp and 1/2 fl oz = 1 tbsp

APPLICATION INSTRUCTIONS

SPACE SPRAY (INDOORS): Apply using a mechanical aerosol generator which creates particles of aerosol size (80% of droplets less than 30 microns). Prior to application, close all doors and windows, shut off all ventilating equipment and extinguish all flames in the area to be treated. Do not remain in treated areas after application. Leave room(s) closed for at least 1 hr. Ventilate before reentry. Direct spray to all parts of the room. Direct spray around equipment, appliances and pallets if desired.

CRACK & CREVICE® TREATMENT: Use diluted or undiluted. Inject TC 263 into cracks and crevices or void spaces where insects may be harboring, living and breeding. Place injector tip into cracks, crevices, holes and other small openings. Release approximately 1 sec of product. For light infestations, move injector tip along cracks while treating at the rate of 3 ft/sec. For heavy infestations, move injector tip along at 1 ft/sec. Apply in such a manner to limit dripping and run-off on structural surfaces.

VOID INJECTION: Use to flush and kill insects harboring in closed or inaccessible voids. Calculate the cubic area of the void and treat at the rate of 5 – 10 sec/3 ft³. Several holes may be required in long-running voids. Apply in such a manner to limit dripping and run-off on structural surfaces.

SPOT TREATMENT AND GENERAL SURFACE SPRAY: Hold spray nozzle 18 – 24" from areas to be treated. Apply to surfaces until moist but in such a manner to limit dripping and run-off.

STORAGE AND DISPOSAL

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

STORAGE: Store in original container in secured dry storage area. Do not store above 100°F for extended periods of time. Storage below 32°F may cause freezing.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site in accordance with the label directions, or at an approved waste disposal facility.

CONTAINER DISPOSAL: [**≤2.5 gallon container**] Empty container by using the product in accordance with the label directions. Do not reuse this container! Place empty container in trash or offer for recycling if available. If container is partly filled, call your local solid waste agency or call 1-800-CLEANUP for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!

[**>2.5 gallon container**] 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.

A Prescription Treatment® brand insecticide from:

Whitmire Micro-Gen Research Laboratories, Inc.

3568 Tree Court Industrial Blvd.

St. Louis MO 63122-6682

www.wmmg.com

© 2006 Whitmire Micro-Gen Research Laboratories, Inc.

TC 263

Whitmire Micro-Gen is a registered trademark of Whitmire Research Laboratories, Inc. All other trademarks are the property of their respective owners.

KILLS:

Angoumois Grain Moths, Ants, Boxelder Bugs, Cadelles, Cheese Mites, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Earwigs, Fruit Flies, Gnats, Granary Weevils, House Flies, Indianmeal Moths, Mosquitoes, Rice Weevils, Spiders, Tobacco Moths and Wasps

FOR USE IN AND AROUND:

Apartments, Cafeterias, Dormitories, Food Service and Preparation Areas, Grocery and Convenience Stores, Homes, Hotels, Health Care Facilities, Landscapes, Motels, Office Buildings, Restaurants, Schools and Universities

See page x for additional insects and use sites.

ACTIVE INGREDIENTS:

Pyrethrins, <i>a botanical insecticide</i>	3.0%
Piperonyl butoxide, technical*	15.0%

OTHER INGREDIENTS:	<u>82.0%</u>
---------------------------------	--------------

TOTAL: 100.0%

* Equivalent to 12.0% (butylcarbityl)(6-propylpiperonyl) ether and 3.0% related compounds.

1 gallon contains 0.25 lb of pyrethrins

KEEP OUT OF REACH OF CHILDREN CAUTION

See page x for First Aid, Precautionary Statements and Directions for Use. See page y for Storage & Disposal.

EPA Reg. No. 499-xxx • EPA Est. No. 499-MO-1

NET CONTENTS: _____



WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.
800-777-8570 www.wmmg.com

FIRST AID

IF SWALLOWED: Immediately call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eyes open and rinse slowly and gently with water for 15 – 20 min. Remove contact lenses, if present, after the first 5 min, then continue rinsing eyes. 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 treatment. You may also call 1-800-225-3320 for emergency medical treatment information.

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

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

ENVIRONMENTAL HAZARDS

This product is highly toxic to fish. Do not contaminate bodies of water when disposing of equipment rinsate or wash waters.

TERRESTRIAL USES: Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment wash waters.

WIDE-AREA MOSQUITO CONTROL APPLICATIONS BY GROUND OR AERIAL EQUIPMENT: Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to fish. Before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist. Do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries) except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body.

Do not apply to blooming crops or weeds when bees are visiting the treatment area, except when applications are made to prevent or control a threat to public and/or animal health as determined by the state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

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.**

USE RESTRICTIONS

- Apply this product only as specified on this label.
- Do not remain in treated area when applying as a space treatment. Ventilate area thoroughly before reentering.
- Do not allow children or pets to enter the treated area until it has been thoroughly ventilated.
- Do not apply directly to food.
- Remove or cover all food and water in the treatment area before use.
- Remove or cover dishes, utensils, food processing equipment and food preparation surfaces in the treatment area before use or wash them thoroughly after ventilation of treated area.
- Cover all food processing surfaces and equipment in the treatment area or wash with an effective cleaning compound followed by a potable water rinse after use of this product.
- Remove pets, birds, cover fish aquariums and turn off air pump motor before application.
- In health care facilities, remove patients prior to treatment and thoroughly ventilate treated area for 2 hr before returning patients.

DILUTION RATES

Follow rates for specific pests in mechanical sprayers which produce particles of aerosol size (80% of droplets less than 50 microns) or in pump sprayers or automatic misters. Use the 0.25% rate for maintenance. Use the higher rate for clean outs or high insect infestations. Dilute only with water.

Pyrethrin % Desired	Amount of Concentrate per gallon of water*
0.050%	2 fl oz
0.125%	5 1/3 fl oz

0.250%	10 2/3 fl oz
0.500%	21 1/3 fl oz
1.000%	42 2/3 fl oz

* Do not dilute with spray oil.

NOTE: 1/3 fl oz = 2 tsp and 1/2 fl oz = 1 tbsp

APPLICATION INSTRUCTIONS

SPACE SPRAY (INDOORS): Apply using a mechanical aerosol generator which creates particles of aerosol size (80% of droplets less than 30 microns). Prior to application, close all doors and windows shut off all ventilating equipment and extinguish all flames in the area to be treated. Do not remain in treated areas after application. Leave room(s) closed for at least 1 hr. Ventilate before reentry. Direct spray to all parts of the room. Direct spray around equipment, appliances and pallets if desired.

CRACK & CREVICE® TREATMENT: Use diluted or undiluted. Inject TC 263 into cracks and crevices or void spaces where insects may be harboring, living and breeding. Place injector tip into cracks, crevices, holes and other small openings. Release approximately 1 sec of product. For light infestations, move injector tip along cracks while treating at the rate of 3 ft/sec. For heavy infestations, move injector tip along at 1 ft/sec. Apply in such a manner to limit dripping and run-off on structural surfaces.

VOID INJECTION: Use to flush and kill insects harboring in closed or inaccessible voids. Calculate the cubic area of the void and treat at the rate of 5 – 10 sec/3 ft³. Several holes may be required in long-running voids. Apply in such a manner to limit dripping and run-off on structural surfaces.

SPOT TREATMENT AND GENERAL SURFACE SPRAY: Hold spray nozzle 18 – 24" from areas to be treated. Apply to surfaces until moist, but in such a manner to limit dripping and run-off.

INDOOR TREATMENTS

FLYING INSECTS (such as Bees, Cluster Flies, Flies, Gnats, Hornets, Mosquitoes, Moths, Small Flying Moths, Wasps, Webbing Clothes Moths and Yellowjackets): Apply as a space spray or general surface spray. *SPACE SPRAY:* Apply at 0.125% – 3.0%, at the rate of 0.5 fl oz concentrate/1,000 ft³ of space. Direct spray mist to all parts of the room. *GENERAL SURFACE SPRAY:* Apply at 0.125% – 1.0% and direct spray toward upper corners of room especially around windows and other light sources which attract these insects.

CRAWLING INSECTS (such as Ants, Booklice, Carpet Beetles, Centipedes, Clothes Moths, Clover Mites, Cockroaches, Crickets, Dermestid Beetles, Earwigs, Firebrats, Fleas, Millipedes, Scorpions, Silverfish, Sowbugs and Spiders): Apply as general surface spray, Crack & Crevice treatment or void injection. Apply at 0.25% – 1.0%. *GENERAL SURFACE SPRAY:* Apply as a coarse, wet spray on walls, floors and other surfaces. Treat food storage areas, handling areas and unloading and processing areas. *CRACK & CREVICE TREATMENT AND VOID INJECTION:* Apply to cracks and crevices or structural voids in these places as well as beneath sinks and inside and around the base of food conveying, processing and handling equipment. *SPACE SPRAY:* Apply at 0.5% – 3.0%, at the rate of 0.5 – 1.0 fl oz concentrate/1,000 ft³.

STORED PRODUCT PESTS (such as Angoumois Grain Moths, Cadelles, Carpet Beetles, Chocolate Moths, Cigarette Beetles, Dermestid Beetles, Dried Fruit Beetles, Drug Store Beetles, Flour Beetles, Grain Mites, Granary Weevils, Indianmeal Moths, Meal Worms, Mediterranean Flour Moths, Psocids, Red Flour Beetles, Sawtoothed Grain Beetles, Spider Beetles, Trogoderma and Weevils): Apply as a space spray or general surface spray. Clean all food preparation areas thoroughly after treatment and before food is exposed. Use only in areas where food is not exposed. *SPACE SPRAY:* Apply at 1% – 3%, at the rate of 0.5 – 1.0 fl oz concentrate/1,000 ft³ of space. Direct treatment toward upper corners of room and ceiling. *GENERAL SURFACE SPRAY:* Apply at 0.25% – 1.0%. Direct output into corners and under pallets, hitting as many insects as possible.

BED BUGS, LICE AND TICKS: Apply as a space spray, spot treatment or Crack & Crevice treatment. Expose mattress and springs. *SPACE SPRAY:* Apply at 1% – 3%, at the rate of 0.5 – 1.0 fl oz concentrate/1,000 ft³ of space. *CRACK & CREVICE TREATMENT OR VOID INJECTION:* Apply at 0.25% – 0.50% to cracks and crevices or structural voids around baseboards, floorboards, bedboards and walls. *SPOT TREATMENT:* Take bed apart. Treat joints and channels if hollow, such as square or round tubing. See that the interior framework is treated. Treat mattresses, especially tufts, folds and edges. Cover mattresses with clean sheets before use. Also treat other areas where bed bugs may be harboring such as behind headboards, furniture, behind wall hangings and voids.

FLEAS: Apply as a *GENERAL SURFACE SPRAY* at 0.25% – 0.50%. Direct treatment onto pet resting areas and floor around these areas. Treat pet bedding the same way. Also treat entire inside surface of doghouses. Do not allow pets to contact treated areas until spray has dried. Remove or cover animal feed before spraying. To control the source of flea infestations, pets inhabiting the treated premises should be treated with a product registered for application to pets. *SPACE SPRAY:* Apply at 0.25% – 1.0%.

DARKLING BEETLES: After emptying poultry houses, apply as a space spray or general surface spray. Keep closed for 1 hr. Ventilate for 24 hr before replacing poultry. *SPACE SPRAY:* Apply undiluted at the rate of 0.25 fl oz concentrate/1,000 ft³ of space. *GENERAL SURFACE SPRAY:* Apply at 0.25% – 0.50%.

INDOOR AND OUTDOOR TREATMENTS

BOXELDER BUGS, CARPENTER ANTS, CLUSTER FLIES AND ELM LEAF BEETLES: Apply as a Crack & Crevice treatment or as a void injection to voids and other areas where these insects are found. Use undiluted or diluted at 0.25% – 0.50%.

11/15

FLIES, GNATS, HORN FLIES, HOUSE FLIES, STABLE FLIES (AROUND LIVESTOCK): For fast knockdown of flying insects, apply as a space spray at 0.25% – 3.0%. Direct fog upward in all directions. Ventilate area after treatment is completed. Remove or cover animal feed before spraying. Do not apply to lactating or food animals. Do not contaminate milk, food or drinking water.

CRAWLING INSECTS (such as Ants, Booklice, Carpet Beetles, Centipedes, Clothes Moths, Clover Mites, Cockroaches, Crickets, Dermestid Beetles, Earwigs, Firebrats, Fleas, Millipedes, Scorpions, Silverfish, Sowbugs and Spiders): Apply as general surface spray, Crack & Crevice treatment or void injection at 0.25% – 0.50%. **GENERAL SURFACE SPRAY:** Apply as a coarse, wet spray on walls, floors and other surfaces. Treat food storage areas, handling areas and unloading and processing areas. **CRACK & CREVICE TREATMENT AND VOID INJECTION:** Apply to cracks and crevices or structural voids in these places as well as beneath sinks and inside and around the base of food conveying, processing and handling equipment. **SPACE SPRAY:** Apply at 0.5% – 3.0%, at the rate of 0.5 to 1.0 fl oz concentrate/1,000 ft².

OUTDOOR TREATMENTS

TRUCK MOUNTED EQUIPMENT: When using truck mounted equipment, spray at a dosage rate of 15 oz/min from a location up-wind of the areas where insects are to be controlled. Keep speed of vehicle to approximately 10 MPH. Figure application travel path for a convergence of a 300 ft swath. Repeat application as required for control.

MOSQUITOES, FLIES AND GNATS: Dilute to 0.05% – 0.125% when applying with mechanical, electrical, fogging or automated misting¹ equipment, or when applying as a general surface spray. To control these pests in open areas near homes, buildings and in campgrounds, treat shrubbery, vegetation and other areas where these pests may rest. Structural surfaces, shrubbery and vegetation around stagnant pools, marshy areas, ponds and shorelines may be treated. Treatment of vegetation in water from land is also permitted by allowing wind to move product into vegetation, but application of this product directly to any body of water is prohibited.

HORNETS, WASPS AND YELLOWJACKETS: Apply as a general surface spray 0.25% – 0.50%. Application should be made in late evening when insects are at rest. Spray liberally into hiding and nesting places, contacting as many insects as possible.

URBAN MISTING SYSTEMS: Automatic spraying systems must not be programmed to release pesticide where people, pets, food or feed are readily exposed. A legal copy of the label must be securely attached to the equipment pesticide-holding container or on the outside of the equipment. ¹Can be used at 0.025% - 0.100% (1:20 - 1:10)

In New York State (Automatic Misting Systems), this product may NOT be applied using residential automated misting systems.

AUTOMATIC SPRAYING SYSTEM DILUTION TABLE		
Rate / Dilution Ratio	Mixing Rate 1 Gallon Tank	Mixing Rate 55 Gallon Tank
0.025% (1:40)	1 fl oz	54 fl oz
0.050% (1:20)	2 fl oz	128 fl oz
0.100% (1:10)	4 fl oz	256 fl oz

HORTICULTURE USE

FOR USE IN:

Hobby Greenhouses, Interiorscapes and Landscapes

KILLS:

Aphids, Armyworms, Bees, Beetles, Bugs (Boxelder, Lace and Plant), Caterpillars (Cabbage Worms, Rose Slugs, Hornworms), Centipedes, Clover Mites, Crickets, Earwigs, Firebrats, Flies, Fruitworms, Fungus Gnats, Fungus Gnat Larvae, Grasshoppers, Leafhoppers, Leafminers, Leaf Rollers, Loopers, Mealybugs, Millipedes, Mosquitoes, Psylla, Rose Aphids, Scale Insects, Scorpions, Sowbugs, Spiders, Spider Mites, Thrips, Wasps, Whiteflies and Yellowjackets

APPLICATION INSTRUCTIONS

This product is designed for diluted use (0.05% - 0.25%) in sprayers. DO NOT DILUTE PRODUCT WITH SPRAY OIL. Treat upper and lower foliage surfaces of plants uniformly.

SPRAY DILUTION CHART	
Pyrethrin % Desired	Amount of Concentrate per Gallon of Water*
0.050%	2 fl oz
0.125%	5 1/3 fl oz
0.250%	10 2/3 fl oz

* Do not dilute with spray oil.

PLANT SAFETY NOTICE: This product has demonstrated excellent plant safety; however, all varieties of the plants listed have not been tested. When treating large numbers of plants of a single variety, treat a few plants and observe for phytotoxicity prior to full scale application.

Direct treatment to some open blooms may cause petal drop.

FOR USE INDOORS AND OUTDOORS ON, BUT NOT LIMITED TO:

Bedding plants (such as): Impatiens, Marigolds, Petunias, Geraniums and Garden Mums

Cut Flowers (such as): Roses, Chrysanthemums, Carnations, Snapdragons and Orchids

Flowering hanging baskets (such as): Fuchsia, Lantana, New Guinea Impatiens, Ivy, And Geraniums

Foliage (Such as): Boston Fern, Dracaena, Ficus, Schefflera and Philodendron

Potted Flowering plants (such as): Poinsettia, Chrysanthemums, Florist's Azaleas, Lilies, African Violets, Geraniums, Hibiscus, Kalanchoes and Begonias

Ornamentals (Such as): Azalea, Barberry, Cotoneaster, Euonymus, Holly, Juniper, Oak, Pine, Rhododendron, Roses, Spiraea, Spruce, Virburnum and Yew

Do not treat vegetables.

STORAGE AND DISPOSAL

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

STORAGE: Store in original container in secured dry storage area. Do not store above 100°F for extended periods of time. Storage below 32°F may cause freezing.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site with the label directions, or at an approved waste disposal facility.

CONTAINER DISPOSAL: [\leq 2.5 gallon container] Empty container by using the product in accordance with the label directions. Do not reuse this container! Place empty container in trash or offer for recycling if available. If container is partly filled, call your local solid waste agency or call 1-800-CLEANUP for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!

[$>$ 2.5 gallon container] 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.

In addition to sites listed on the front panel, TC 263 is acceptable for use in and around the following sites:

INDOORS:

Animal Areas & Quarters
Apartments
Auditoriums
Bakeries
Barns
Beverage Plants
Boats
Bottling Plants
Brandy Storage Warehouses
Buildings
Buses
Cabins
Calf Hutches
Canneries
Cattle Barns
Churches
Closets
Commercial and Industrial Buildings
Communication Centers
Condominiums
Correctional Facilities
Dairies
Dairy & Livestock Barns
Drains & Sewers
Dried Fruit Processing Plants
Dried Fruit Warehouses
Drugstores
Dumpsters
Dwellings

Egg Processing Plants
Factories
Flour Mills
Food Handling Establishments
Food Processing Plants
Food Storage Areas
Freight Containers
Fruit Packing Sheds
Garbage Cans
Garbage Compactors
Goat Houses
Grain Elevators
Grain Handling Equipment
Grain Mills
Granaries
Hobby Greenhouses
Hog Operations
Homes
Horse Barns
Horse Stables
Hospices
Hospitals
Hotels
Industrial Installations
Institutions
Interiorscapes
Jails
Kennels
Laboratories
Libraries
Livestock Barns

Loafing Sheds
Locker Rooms
Mausoleums
Meat Packing Plants
Milk Rooms
Milking Parlors
Mills
Missions
Mobile Homes
Motels
Museums
Mushroom Houses
Mushroom Processing Plants
Nursing Homes
Office Buildings
Passenger Rail Cars
Peanut Processing Plants
Peanut Storage Warehouses
Playgrounds
Poultry Houses
Poultry Operations
Poultry Processing Plants
Prisons
Public Buildings
Rabbit Houses
Rabbit Processing Plants
Railroad Cars
Recreational Vehicles
Research Animal Areas
Restaurants
Restrooms

COMPLETE [FULL] LABEL

Rice Mills
 Schools
 Shade Houses
 Shipholds
 Ships
 Stable Bins
 Stables
 Stored Food in Multi-walled
 Paper or Cloth Bags
 Stored Seed Warehouses
 Stores
 Supermarkets
 Swine Houses
 Textile Mills & Warehouses
 Theaters
 Tobacco Plants
 Tobacco Warehouses

Townhouses
 Trains
 Transportation Equipment
 Truck Trailers
 Trucks
 Utilities
 Utility Rooms
 Voids (Attics, Walls, Ceilings)
 Warehouses
 Wine Storage Warehouses
 Wineries
 Zoos

OUTDOORS:

Campgrounds
 Corrals
 Drive-in Restaurants
 Drive-in Theaters

Dumpsters
 Feedlots
 Garbage Dumps
 Golf Courses
 Junkyards
 Kennels
 Landscapes
 Lath Houses
 Manure Piles
 Parks
 Plantscapes
 Recreational Areas
 Sewers
 Swineyards
 Zoos

TC 263 is also effective against the following insects when used according to label directions:

FLYING INSECTS:

Aphids
 Barn Flies
 Bed Bugs
 Bees
 Black Flies
 Blow Flies
 Bottle Flies
 Cheese Skippers
 Cluster Flies
 Deer Flies
 Face Flies
 Flies
 Fruit Flies
 Fungus Gnats
 Gnats
 Horn Flies
 Hornets
 Horse Flies
 House Flies
 Mosquitoes
 Mud Daubers
 Mushroom Flies
 Skipper Flies
 Stable Flies
 Thrips
 Vinegar Flies
 Wasps
 Whiteflies
 Yellowjackets

GRAIN BORERS:

Larger Grain Borers
 Lesser Grain Borers

CRAWLING INSECTS:

Ants
 Bed Bugs
 Booklice
 Boxelder Bugs
 Cabbage Loopers

Cabbage Worms
 Carpenter Ants
 Centipedes
 Chiggers
 Chrysanthemum Leaf Miners
 Cockroaches
 Crickets
 Earwigs
 Fire Ants
 Firebrats
 Grasshoppers
 Mealy Bugs
 Millipedes
 Palmetto Bugs
 Pill Bugs
 Psocids
 Scorpions
 Silverfish
 Sowbugs
 Spring Tails
 Vegetable Leaf Miners

FLEAS AND TICKS:

Brown Dog Ticks
 Fleas
 Sheep Ticks
 Spinosa Ear Ticks
 Ticks

SPIDERS & MITES:

Cheese Mites
 Clover Mites
 Grain Mites
 Red Spider Mites
 Spider Mites
 Spiders

LICE:

Lice
 Mounting Stages of Yellow
 Lice & Sucking Blue Lice

WORMS:

Dark Mealworms
 Lesser Mealworms
 Mealworms
 Yellow Mealworms

BETTERLES:

American Black Flour Beetles
 Black Carpet Beetles
 Black Fungus Beetles
 Broadhorned Flour Beetles
 Brown Spider Beetles
 Cadelles
 Carpet Beetles
 Catorama Beetles
 Cereal Beetles
 Cigarette Beetles
 Confused Flour Beetles
 Corn Sap Beetles
 Darkling Beetles
 Depressed Flour Beetles
 Dermestid Beetles
 Dried Fruit Beetles
 Drugstore Beetles
 Elm Leaf Beetles
 Flat Grain Beetles
 Flour Beetles
 Foreign Grain Beetles
 Fungus Beetles
 Ground Beetles
 Hairy Fungus Beetles
 Hairy Spider Beetles
 Hide Beetles
 Khapra Beetles
 Large Black Flour Beetles
 Longheaded Flour Beetles
 Merchants Grain Beetles
 Mexican Grain Beetles
 Murmidius Beetles
 Red Flour Beetles
 Red Horned Grain Beetles
 Rusty Grain Beetles

14/15

v1.0 (5/18/06)

COMPLETE [FULL] LABEL

Saw-Toothed Grain Beetles
Slenderhorned Flour Beetles
Smalleyed Flour Beetles
Spider Beetles
Squarenecked Grain Beetles
Trogoderma Beetles
Two Banded Beetles
White Marked Spider Beetles

Broadnosed Grain Weevils
Coffee Bean Weevils
Granary Weevils
Maize Weevils
Rice Weevils

Cocoa Bean Moths
European Grain Moths
Indianmeal Moths
Mediterranean Flour Moths
Moths
Pink Scavenger Caterpillars
Rice Moths
Small Flying Moths
Tobacco Moths
Webbing Clothes Moths

WEEVILS:

Bean Weevils

MOTHS:

Almond Moths
Angoumois Grain Moths
Chocolate Moths
Clothes Moths

WIDE AREA MOSQUITO CONTROL

(For wide area community applications by ground or aerial equipment, ultra low volume (ULV) sprays or fogs.)

For use only by federal, state, tribal or local government officials responsible for public health or vector control or by persons certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory agency to perform adult mosquito control applications or by persons under their direct supervision.

DIRECTIONS FOR USE

**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT
IN A MANNER INCONSISTENT WITH ITS LABELING**

OUTDOOR USE - MOSQUITO CONTROL

Use at 0.1% - 0.5%

OUTDOOR GROUND FOGGING APPLICATION: Use to kill mosquitoes in open areas near buildings and in campgrounds. Use preferably at a time when temperature is cool (75°F or less) and the wind velocity is approximately 10 MPH or less. Approximately 1.25 oz of concentrate contains 0.0025 lb of pyrethrin.

DILUTION: Dilute only with water.

Pyrethrin % Desired	Mixture Rate	Fluid Ounces of Diluted Product Delivers 0.0025 lbs. Pyrethrins/acre
0.50%	1:5	8.33 fl oz
0.30%	1:9	13.90 fl oz
0.25%	1:11	16.66 fl oz
0.15%	1:19	27.76 fl oz
0.10%	1:29	41.65 fl oz

TC 263 may be used for mosquito control programs involving residential, industrial, recreational and agricultural areas as well as swamps, marshes, overgrown waste areas, roadsides and pastures where adult mosquitoes occur. TC 263 may be used over agricultural crops. For best results, apply when meteorological conditions create a temperature inversion and wind speed does not exceed 10 MPH. The application should be made so the wind will carry the insecticidal fog into the area being treated. Do not retreat a site more than once in 24 hr; no more than 14 applications should be made to a site in any 2 weeks. More frequent treatments may be made to prevent or control a threat to public and/or animal health as determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

When used in cold aerosol generators, mechanical or electronic foggers, or misting equipment that produce a fog with the majority of droplets in the 5 - 50 micron range, TC 263 should be diluted with water.

GROUND-BASED AND AERIAL APPLICATION

To control adult mosquitoes and biting flies, apply up to 0.0025 lbs pyrethrins/acre (use a 300 ft swath width for acreage calculations). Spray equipment must be adjusted so that the volume median diameter is less than 50 microns (Dv 0.5 < 50 µm) and that 90% of the spray is contained in droplets smaller than 100 microns (Dv 0.9 < 100 µm). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

TRUCK-MOUNTED ULV APPLICATION: Apply up to 0.0025 lb pyrethrins/acre while the machine is traveling 5 - 10 MPH. The nozzle should be positioned approximately 30° above the horizontal off the side of the truck bed. The delivery rate and truck speed may be varied as long as the application rate is 0.0025 lb pyrethrins/acre (use a 300 ft swath width for acreage calculations). When using Whitman Micro-Gen or similar truck mounted ULD equipment, spray at a dosage rate of up to 15 oz/min from a location up-wind of the areas to be treated. Keep speed of vehicle to approximately 10 MPH. Figure application travel path for coverage of a 300 ft swath. Apply no more than 0.0025 lb pyrethrins/acre/day.

15/15

HANDHELD AND BACKPACK EQUIPMENT: Use at 0.1% - 0.5%. Apply up to 0.0025 lb pyrethrins/acre. Allow spray drift to penetrate dense foliage. Apply at no more than 0.0025 lb pyrethrins/acre/day.

AERIAL APPLICATION (FIXED WING AND HELICOPTER): To control adult mosquitoes and biting flies, apply up to 0.0025 lb pyrethrins/acre with equipment designed and operated to produce a ULV spray application.

A Prescription Treatment® brand insecticide from:
Whitmire Micro-Gen Research Laboratories, Inc.
3568 Tree Court Industrial Blvd.
St. Louis MO 63122-6682
www.wmmg.com
© 2006 Whitmire Micro-Gen Research Laboratories, Inc.