

PM 03

499-479

7/7/99

13 of 10



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

EPA Reg. Number:  
499-479

Date of Issuance:  
JUL 7 1999

Term of Issuance:  
Conditional Registration

Name of Pesticide Product:  
TC- 123 Insecticide

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 Ind. Blvd.  
St Louis, MO 63122

**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. Submit and/or cite all data required for registration 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. Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 499-479".

Signature of Approving Official:

*See page 4*

Date:

*July 7, 1999*

3. The Agency has reviewed the submitted Acute Toxicological studies (Data Evaluation Report [DER] Enclosed) for the above referenced product, and the Toxicological Profile and Study Status are as follows:

acute oral toxicity	III	acceptable
acute dermal toxicity	III	acceptable
acute inhalation toxicity	IV	acceptable
primary eye irritation	III	acceptable
primary skin irritation	III	acceptable
dermal sensitization	negative	acceptable

The DER for the above referenced product also contains the following toxicological information which is required labeling language to be added or replace existing proposed language.

SIGNAL WORD: CAUTION

PRECAUTIONARY STATEMENTS:

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

STATEMENT OF PRACTICAL TREATMENT (SOPT):

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor.

IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advise.

NOTE TO PHYSICIAN: The proposed label should 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.
4. On the front panel, insert the statement "For Commercial Use Only."
  5. In the paragraph entitled TOTAL RELEASE DIRECTIONS, remove the information that TC 123 contains a growth regulator. Pyrethrins and Piperonyl Butoxide are not classified as Insect Growth Regulators (IGR's). Any reference to Insect Growth Regulators elsewhere on any of the labeling should also be removed.
  6. The paragraph in the Agricultural Use Requirements box relating to PPE for early entry should be placed immediately after the REI statement.
  7. Revise the fourth sentence under PREAPPLICATION DIRECTIONS to read as follows: "All human occupants and pets must be removed before treatment."
  8. Revise the fifth sentence under PREAPPLICATION DIRECTIONS to read as follows: "Greenhouse must be ventilated according to the requirements of the Worker Protection Standard before reentry."
  9. Please provide information in the DIRECTIONS FOR USE to enable the user to determine when an application of this product is indicated (e.g., pest population or plant damage); a recommended frequency of application; and when retreatment is indicated.
  10. Remove the "(BUT NOT LIMITED TO)" from the heading "FOR USE INDOORS ON (BUT NOT LIMITED TO):" Use directions must be specific for the intended use sites and/or pests to be controlled.
  11. Under ENVIRONMENTAL HAZARDS revise the first sentence to read: "This product is highly toxic to fish and aquatic invertebrates."
  12. In the DIRECTIONS FOR USE, insert the following statement: "Do not place cans within 10 horizontal feet of any ignition source such as pilot lights, other open flames, or running electrical appliances that cycle off and on."
  13. Submit two copies of the revised final printed label for the record.

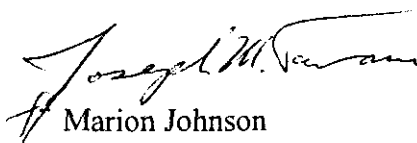
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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. If you have any questions regarding this letter, please contact Richard Gebken of my team at (703) 305-6701.

Sincerely,



Marion Johnson  
Product Manager 03  
Insecticide Branch  
Registration Division (7505C)

enclosures  
000499-00479 S559986.wpd

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# TG 123

## Insecticide

Treats Up To 3,000 Square Feet

**KILLS:** Aphids, Beetles, Cucumber Beetles, Dried Fruit Beetles, Flea Beetles, Cabbage Worms, Fungus Gnats, Hornworms, Leafhoppers, Mealy Bugs, Mites, Rose Chafers, Rose Slugs, Spider Mites, Spiders, Trogaderma, Thrips and Whiteflies. (See supplemental label for additional insects.)

**FOR USE IN:** Garden Centers, Greenhouses, Hobby Greenhouses and Nurseries

<b>ACTIVE INGREDIENTS:</b>	
Pyrethrins	4.0%
Piperonyl Butoxide*	18.0%
<b>OTHER INGREDIENTS:</b>	80.0%
*Equivalent to 0.8% (Butylcarbitol)(6-Propylpiperonyl) Ether and 0.2% Related Compounds.	

EPA Reg. No. 499-xxx EPA Est. No. 499-MO-1  
**KEEP OUT OF REACH OF CHILDREN**

### CAUTION

See back panel for First Aid.

NET WEIGHT: 2 oz.



**Whitmire Micro-Gen**  
Research Laboratories, Inc.  
800-777-8570

### FIRST AID

**IF IN EYES:** Immediately flush eyes with plenty of water. Get medical attention if irritation persists.  
**IF SWALLOWED:** Call a physician or Poison Control Center immediately. DO NOT INDUCE VOMITING. Vomiting may cause aspiration pneumonia.  
**IF INHALED:** Remove person to fresh air. Apply artificial respiration if indicated.  
**IF ON SKIN:** Remove contaminated clothing and wash affected areas with soap and water. Get medical attention if irritation persists.  
**NOTE TO PHYSICIAN:** Treatment is symptomatic. Antihistamines are of value.  
See supplemental label for additional Precautionary Statements.

### DIRECTIONS FOR USE

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

#### TOTAL RELEASE DOSAGE

Use one 2 oz. can per 3,000 square feet. In situations where insect control is difficult due to tough to control insects or high crop density, it is permissible to use one 2 oz. can for 1,500 - 3,000 square feet. For smaller greenhouses between 1,500 - 3,000 square feet, use one 2 oz. can. See supplemental label for complete Directions for Use.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling entitled Agricultural Use Requirements in the Directions for Use section of the supplemental label for information about this standard.



Highly Flammable Ingredient  
Ingrédiente Altamente Inflamable

A Prescription Treatment® brand insecticide from:  
Whitmire Micro-Gen Research Laboratories, Inc.  
3568 Tree Court Industrial Blvd. St. Louis MO 63122-6682  
© 1998 Whitmire Micro-Gen Research Laboratories, Inc.

2 oz. Ligno Can (created 9/95)

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**

**JUL 7 1999**  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
499-479



# TC 123 Insecticide

## DIRECTIONS FOR USE

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

Do not apply this product 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). 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 restricted entry interval (REI) of 12 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 Butyl Rubber or Nitrile Rubber or Neoprene Rubber or PVC or Viton, Shoes plus socks, and a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

**PRE-APPLICATION DIRECTIONS:** For best results, apply during early evening when foliage is dry and temperature is between 60°-80°F. Shut off all exhaust fans and close all windows, doors and ventilators. Keep greenhouse closed for four hours, preferably overnight, following treatment. All human occupants and pets should be removed before treatment. Greenhouse should be ventilated before reentry.

### TOTAL RELEASE DIRECTIONS

TC 123 contains an insect growth regulator. Initially two applications should be made one week apart. Additional applications should be applied at two week intervals as long as immature insects are present or adult egg laying is expected.

### TOTAL RELEASE DOSAGE

Use one 2 oz. can per 3,000 square feet. In situations where insect control is difficult due to tough to control insects or high crop density, it is permissible to use one 2 oz. can for 1,500 - 3,000 square feet. For smaller greenhouses between 1,500 - 3,000 square feet, use one 2 oz. can.

Use one 6 oz. can per 9,000 square feet. In situations where insect control is difficult due to tough to control insects or high crop density, it is permissible to use one 6 oz. can for 3,000 - 9,000 square feet. For smaller greenhouses between 3,000 - 9,000 square feet, use one 6 oz. can.

### FOR USE INDOORS 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, ilex, juniper, oak, pine, rhododendron, roses, spiraea, spruce, viburnum and yew.

Also these growing crops:

**Root and Tuber Vegetables (such as):** beets, carrots, potatoes, radishes, sweet potatoes and turnips.

**Bulb Vegetables (such as):** garlic and onion.

**Leafy Vegetables (such as):** celery, endive, lettuce, parsley and spinach.

**Brassica (Cole) Leafy Vegetables (such as):** broccoli, brussels sprouts, cabbage, cauliflower, collards, kale and mustard greens.

**Legume Vegetables (such as):** field peas, garden peas, lima beans, snap beans and soybeans.

**Fruiting Vegetables (such as):** eggplant, peppers and tomatoes.

**Cucurbita Vegetables (such as):** cucumbers, melons, pumpkins, squash, and watermelons.

**Herbs (such as):** basil, chives, fennel, marjoram, oregano, parsley and thyme.

This product has been tested on a wide variety of plants and in our opinion has demonstrated excellent plant safety. However, not all varieties or strains of the plants listed have been tested. Unintentional consequences such as crop injury or ineffectiveness may result because of certain environmental or growing conditions, manner of use or application,

and insect resistance. Therefore, before treating a large number of plants, spray a few plants and observe for plant damage and for performance prior to full scale application.

**SPECIAL NOTE:** Good greenhouse management must overrule the use of this product when any conditions might be created by tightly closing greenhouses that would harm plant foliage or flowers. Example: Creation of high temperatures or humidity conditions. Do not use this product in greenhouses with unvented or defective gas heating systems or when open combustion exists.

## STORAGE AND DISPOSAL

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

**STORAGE:** Store in a cool dry place away from heat or open flame. This product is extremely flammable.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** This container may be recycled in the few but growing number of communities where steel aerosol can recycling is available. Before offering for recycling, empty the can by using the product according to the label (DO NOT PUNCTURE!). If recycling is not available, wrap the container and discard in the trash.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Do not contaminate water, food, food stuffs or feed. Remove all pets. Cover fish tanks or remove. Wear long-sleeved shirt and long pants, socks and shoes and chemical resistant gloves (such as nitrile, Butyl, Neoprene, and/or Barrier Laminate).

**PERSONAL PROTECTIVE EQUIPMENT:** Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category H on an EPA chemical resistance selection chart.

**APPLICATORS AND OTHER HANDLERS MUST WEAR:** Long-sleeved shirt and long pants, chemical resistant footwear plus socks, and Chemical-resistant gloves (Such as nitrile, Butyl, Neoprene and/or Barrier Laminate or PVC or Viton), and a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G). 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 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 toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

### PHYSICAL OR CHEMICAL HAZARDS

Extremely Flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the Directions for Use on this label very carefully.



Highly Flammable Ingredient  
Ingredientes Altamente Inflamable

**ADDITIONAL PRECAUTIONS:** Contents of container must be at room temperature before use. Therefore, cans must be stored at room temperature (above 65°F) for 24 hours before application. Make sure spray is unobstructed above units by foliage or other physical objects in order to obtain maximum distribution of fog.

Contains no CFCs or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.



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# TC 123

## Insecticide

### Supplemental Label

**FOR USE IN:** Garden Centers, Greenhouses, Hobby Greenhouses and Nurseries

**CONTROLS:** Ants (Excluding Fire Ants), Aphids, Beetles (Colorado Potato Beetle, Confused Flour Beetles, Cucumber Beetles, Dried Fruit Beetles, Flea Beetles, Red Flour Beetles, Watermelon Beetles), Cabbage Worms, Caddises, Centipedes, Crickets, Fungus Gnats, Hornworms, Indian Meal Moths, Leafhoppers, Mealy Bugs, Mediterranean Flour Moths, Mites, Moths, Rose Aphid, Rose Chafers, Rose Slugs, Scale, Silverfish, Spider Mites, Spiders, Trogaderma, Thrips, and Whiteflies.

**FOR USE ON THESE GROWING CROPS:** Ornamentals, Flowering Plants, Root and Tuber Vegetables, Bulb Vegetables, Leafy Vegetables, Brassica (cole) Leafy Vegetables, Legume Vegetables, Fruiting Vegetables, Cucurbit Vegetables.

**MAY BE USED ON:** Bedding Plants, Cut Flowers, Flowering Hanging Baskets, Foliage, Potted Flowering Plants and Ornamentals

#### ACTIVE INGREDIENTS:

Pyrethrins ..... 4.0%  
Piperonyl Butoxide\* ..... 16.0%

**OTHER INGREDIENTS:** ..... 80.0%

\*Equivalent to 0.8% (Butylcarbityl)(6-Propylpiperonyl) Ether and 0.2% Related Compounds.

EPA Reg. No. 499-XXX      EPA Est. No. 499-MO-1

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

#### FIRST AID

**IF IN EYES:** Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. DO NOT INDUCE VOMITING. Vomiting may cause aspiration pneumonia.

**IF INHALED:** Remove person to fresh air. Apply artificial respiration if indicated.

**IF ON SKIN:** Remove contaminated clothing and wash affected areas with soap and water. Get medical attention if irritation persists.

**NOTE TO PHYSICIAN:** Treatment is symptomatic. Antihistamines are of value.

See page 3 for additional precautionary statements.

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

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**Whitmire Micro-Gen**

Research Laboratories Inc.

800-777-8570

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### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Do not contaminate water, food, food stuffs or feed. Remove all pets. Cover fish tanks or remove. Wear long-sleeved shirt and long pants, socks and shoes and chemical resistant gloves (such as nitrile, Butyl, Neoprene, and/or Barrier Laminate).

**PERSONAL PROTECTIVE EQUIPMENT:** Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category H on an EPA chemical resistance selection chart.

**APPLICATORS AND OTHER HANDLERS MUST WEAR:** Long-sleeved shirt and long pants, chemical resistant footwear plus socks, and Chemical-resistant gloves (Such as nitrile, Butyl, Neoprene and/or Barrier Laminate or PVC or Viton), and a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G). 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 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 toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

#### PHYSICAL OR CHEMICAL HAZARDS

Extremely Flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the Directions for Use on this label very carefully.



Highly Flammable Ingredient  
Ingredientes Altamente Inflamable

# TC 123

## Insecticide

### Treats Up to 9,000 Square Feet

**FOR USE IN:** Garden Centers, Greenhouses, Hobby Greenhouses and Nurseries

**KILLS:** Aphids, Beetles, Cucumber Beetles, Dired Fruit Beetles, Flea Beetles, Cabbage Worms, Fungus Gnats, Hornworms, Leafhoppers, Mealy Bugs, Mites, Rose Chafers, Rose Slugs, Spider Mites, Spiders, Targa-derma, Thrips and Whiteflies. (See supplemental label for additional insects.)

#### ACTIVE INGREDIENTS:

Pyrethrins	4.0%
Piperonyl Butoxide*	16.0%

#### OTHER INGREDIENTS:

80.0%  
\* Equivalent to 0.8% (Butylcarbityl)(6-Propylpiperonyl) Ether and 0.2% Related Compounds.

EPA Reg. No. 499-XXX EPA Est. No. 499-MO-1

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

#### FIRST AID

**IF IN EYES:** Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. DO NOT INDUCE VOMITING. Vomiting may cause aspiration pneumonia.

**IF INHALED:** Remove person to fresh air. Apply artificial respiration if indicated.

**IF ON SKIN:** Remove contaminated clothing and wash affected areas with soap and water. Get medical attention if irritation persists.

**NOTE TO PHYSICIAN:** Treatment is symptomatic. Antihistamines are of value.

See page 3 for additional precautionary statements.

**NET WEIGHT: 6 oz.**



**Whitmire Micro-Gen**  
Research Laboratories, Inc.  
800-777-8570

### DIRECTIONS FOR USE

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

See supplemental label for complete Directions for Use.

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.

**PREAPPLICATION DIRECTIONS:** For best results, apply during early evening when foliage is dry and temperature is between 60°-80°F. Shut off all exhaust fans and close all windows, doors and ventilators. Keep greenhouse closed for four hours, preferably overnight, following treatment. All human occupants and pets should be removed before treatment. Greenhouse should be ventilated before reentry.

#### TOTAL RELEASE DOSAGE

Use one 6 oz. can per 9,000 square feet. In situations where insect control is difficult due to tough to control insects or high crop density, it is permissible to use one 6 oz. can for 4,500 - 9,000 square feet. For smaller greenhouses between 4,500 - 9,000 square feet, use one 6 oz. can.

#### 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). 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 restricted entry interval (REI) of 12 hours. Refer to supplemental labeling entitled Agricultural Use Requirements in the Directions for Use section of the supplemental label for information about this standard.

#### STORAGE AND DISPOSAL

**STORAGE:** Store in a cool dry place away from heat or open flame. This product is extremely flammable.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** This container may be recycled in the few but growing number of communities where steel aerosol can recycling is available. Before offering for recycling, empty the can by using the product according to the label (DO NOT PUNCTURE). If recycling is not available, wrap the container and discard in the trash.

A Prescription Treatment® brand name sold by:  
Whitmire Micro-Gen Research Laboratories, Inc.  
3568 Tree Court Industrial Blvd. St. Louis MO 63122-6682  
© 1998 Whitmire Micro-Gen Research Laboratories, Inc.

**ACCEPTED**  
with **COMMENTS**  
In EPA Letter Dated:

JUL - 7 1999  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
499-419





# TC 123 Insecticide

## DIRECTIONS FOR USE

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

Do not apply this product 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). 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 restricted entry interval (REI) of 12 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 Butyl Rubber or Nitrile Rubber or Neoprene Rubber or PVC or Viton, Shoes plus socks, and a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

**PRE-APPLICATION DIRECTIONS:** For best results, apply during early evening when foliage is dry and temperature is between 60°-80°F. Shut off all exhaust fans and close all windows, doors and ventilators. Keep greenhouse closed for four hours, preferably overnight, following treatment. All human occupants and pets should be removed before treatment. Greenhouse should be ventilated before reentry.

### TOTAL RELEASE DIRECTIONS

TC 123 contains an insect growth regulator. Initially two applications should be made one week apart. Additional applications should be applied at two week intervals as long as immature insects are present or adult egg laying is expected.

### TOTAL RELEASE DOSAGE

Use one 2 oz. can per 3,000 square feet. In situations where insect control is difficult due to tough to control insects or high crop density, it is permissible to use one 2 oz. can for 1,500 - 3,000 square feet. For smaller greenhouses between 1,500 - 3,000 square feet, use one 2 oz. can.

Use one 6 oz. can per 9,000 square feet. In situations where insect control is difficult due to tough to control insects or high crop density, it is permissible to use one 6 oz. can for 3,000 - 9,000 square feet. For smaller greenhouses between 3,000 - 9,000 square feet, use one 6 oz. can.

### FOR USE INDOORS 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, lan-tana, 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, ilex, juniper, oak, pine, rhododendron, roses, spiraea, spruce, viburnum and yew.

Also these growing crops:

**Root and Tuber Vegetables (such as):** beets, carrots, potatoes, radishes, sweet potatoes and turnips.

**Bulb Vegetables (such as):** garlic and onion.

**Leafy Vegetables (such as):** celery, endive, lettuce, parsley and spinach.

**Brassica (Cole) Leafy Vegetables (such as):** broccoli, brussels sprouts, cabbage, cauliflower, collards, kale and mustard greens.

**Legume Vegetables (such as):** field peas, garden peas, lima beans, snap beans and soybeans.

**Fruiting Vegetables (such as):** eggplant, peppers and tomatoes.

**Cucurbita Vegetables (such as):** cucumbers, melons, pumpkins, squash, and watermelons.

**Herbs (such as):** basil, chives, fennel, marjoram, oregano, parsley and thyme.

This product has been tested on a wide variety of plants and in our opinion has demonstrated excellent plant safety. However, not all varieties or strains of the plants listed have been tested. Unintentional consequences such as crop injury or ineffectiveness may result because of certain environmental or growing conditions, manner of use or application,

and insect resistance. Therefore, before treating a large number of plants, spray a few plants and observe for plant damage and for performance prior to full scale application.

**SPECIAL NOTE:** Good greenhouse management must overrule the use of this product when any conditions might be created by tightly closing greenhouses that would harm plant foliage or flowers. Example: Creation of high temperatures or humidity conditions. Do not use this product in greenhouses with unvented or defective gas heating systems or when open combustion exists.

## STORAGE AND DISPOSAL

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

**STORAGE:** Store in a cool dry place away from heat or open flame. This product is extremely flammable.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** This container may be recycled in the few but growing number of communities where steel aerosol can recycling is available. Before offering for recycling, empty the can by using the product according to the label (DO NOT PUNCTURE!). If recycling is not available, wrap the container and discard in the trash.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Do not contaminate water, food, food stuffs or feed. Remove all pets. Cover fish tanks or remove. Wear long-sleeved shirt and long pants, socks and shoes and chemical resistant gloves (such as nitrile, Butyl, Neoprene, and/or Barrier Laminate).

**PERSONAL PROTECTIVE EQUIPMENT:** Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category H on an EPA chemical resistance selection chart.

**APPLICATORS AND OTHER HANDLERS MUST WEAR:** Long-sleeved shirt and long pants, chemical resistant footwear plus socks, and Chemical-resistant gloves (Such as nitrile, Butyl, Neoprene and/or Barrier Laminate or PVC or Viton), and a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G). 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 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 toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

### PHYSICAL OR CHEMICAL HAZARDS

Extremely Flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the Directions for Use on this label very carefully.



Highly Flammable Ingredient  
Ingrediente Altamente Inflamable

**ADDITIONAL PRECAUTIONS:** Contents of container must be at room temperature before use. Therefore, cans must be stored at room temperature (above 65°F) for 24 hours before application. Make sure spray is unobstructed above units by foliage or other physical objects in order to obtain maximum distribution of fog.

Contains no CFCs or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.



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# TC 123

Insecticide

## Supplemental Label

**FOR USE IN:** Garden Centers, Greenhouses, Hobby Greenhouses and Nurseries

**CONTROLS:** Ants (Excluding Fire Ants), Aphids, Beetles (Colorado Potato Beetle, Confused Flour Beetles, Cucumber Beetles, Dried Fruit Beetles, Flea Beetles, Red Flour Beetles, Watermelon Beetles), Cabbage Worms, Caddisflies, Centipedes, Crickets, Fungus Gnats, Hornworms, Indian Meal Moths, Leafhoppers, Mealy Bugs, Mediterranean Flour Moths, Mites, Moths, Rose Aphid, Rose Chafers, Rose Slugs, Scale, Silverfish, Spider Mites, Spiders, Trogaderma, Thrips, and Whiteflies.

**FOR USE ON THESE GROWING CROPS:** Ornamentals, Flowering Plants, Root and Tuber Vegetables, Bulb Vegetables, Leafy Vegetables, Brassica (cole) Leafy Vegetables, Legume Vegetables, Fruiting Vegetables, Cucurbit Vegetables.

**MAY BE USED ON:** Bedding Plants, Cut Flowers, Flowering Hanging Baskets, Foliage, Potted Flowering Plants and Ornamentals

### ACTIVE INGREDIENTS:

Pyrethrins ..... 4.0%  
Piperonyl Butoxide\* ..... 16.0%

**OTHER INGREDIENTS:** ..... 80.0%

\*Equivalent to 0.8% (Butylcarbityl)(6-Propylpiperonyl) Ether and 0.2% Related Compounds.

EPA Reg. No. 499-XXX

EPA Est. No. 499-MO-1

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

### FIRST AID

**IF IN EYES:** Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. DO NOT INDUCE VOMITING. Vomiting may cause aspiration pneumonia.

**IF INHALED:** Remove person to fresh air. Apply artificial respiration if indicated.

**IF ON SKIN:** Remove contaminated clothing and wash affected areas with soap and water. Get medical attention if irritation persists.

**NOTE TO PHYSICIAN:** Treatment is symptomatic. Antihistamines are of value.

See page 3 for additional precautionary statements.

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

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Research Laboratories Inc.

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