

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

PM04 400-476  
 BEST AVAILABLE IMAGE

**ACCEPTED**  
 MAY 19 1998  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 400-476

# MICROMITE® 4L

## INSECT GROWTH REGULATOR

Net contents:	<b>COMPOSITION</b>	
	Active Ingredient: (% by weight)	
	N-[[4-Chlorophenyl]amino]carbonyl]-2,6-difluorobenzamide*	40.4%
	Inert Ingredients:	59.6%
	<b>TOTAL</b>	<b>100.0%</b>

\*Contains 4 lbs. diflubenzuron per gallon.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**FIRST AID**

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.

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

Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

**PERSONAL PROTECTIVE EQUIPMENT**

**Applicators and Other Handlers Must Wear:** A long-sleeved shirt and long pants; waterproof gloves; shoes plus socks.

Follow manufacturer's instructions for cleaning and 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 pesticide is extremely toxic to crab, shrimp and other aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean water mark, except under the forest canopy when aerially applied to control forest pests. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

#### 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 through any type of irrigation system.

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 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.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 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
- waterproof gloves
- shoes plus socks.

#### CITRUS (Florida only)

**CITRUS RUST MITE:** To control citrus rust mites on oranges, grapefruit and tangerines, apply MICROMITE 4L at 10 fluid ounces per acre by ground in sufficient water to ensure thorough coverage (50 - 1,000 gallons per acre).

Due to the unique mode of action of MICROMITE 4L, the full effect of the treatment may not be apparent for 3 - 10 days after application.

**LEPIDOPTEROUS LEAFMINERS (*Phyllocnistis citrella*, *Marmara* sp.):** On oranges, grapefruit and tangerines, apply 10 fluid ounces of MICROMITE 4L per acre by ground when oviposition begins on new growth flush. Use sufficient spray volume for thorough coverage of leaf surfaces (50 - 1,000 gallons per acre). The addition of a spray oil, such as FC435-6, enhances coverage and may enhance control of citrus leafminers.

MICROMITE 4L will not kill adult stages of leafminers. MICROMITE 4L has activity on eggs, larval and pupal stages.

**CITRUS ROOT WEEVIL COMPLEX:** On oranges, grapefruit and tangerines apply 10 fluid ounces of MICROMITE 4L per acre by ground to control citrus root weevil species, which include the West Indian sugarcane rootstock borer weevil (*Diaprepes abbreviatus*), the southern blue-green citrus root weevil (*Pachnaeus litus*), the blue-green citrus weevil (*Pachnaeus opalus*), the Fuller rose beetle (*Asmyonchus godmani*), and the little leaf notcher (*Artipus floridanus*). Apply MICROMITE 4L to newly expanded flush on citrus and/or when adult weevils are present. Use sufficient spray volume for thorough coverage of leaf surfaces (50 - 1,000 gallons per acre). The addition of a spray oil, such as FC435-66, enhances coverage and penetration of MICROMITE 4L into the adult weevils and eggs. Also, oil will deter attachment of weevil egg masses to leaf surfaces.

MICROMITE 4L will not kill adult weevils. The activity of MICROMITE 4L is through ingestion or contact and will result in reduction of the reproductive potential of weevils, it prevents eggs from hatching, thus preventing larvae from entering soil and feeding on citrus tree roots. Also, the grubs from eggs laid on treated leaves are reduced in number.

#### GENERAL:

Spray last three rows windward of surface water using nozzles on one side only, with spray directed away from surface water. Avoid spray going over tops of trees by adjusting or turning off top nozzles. Shut off nozzles on the side away from the grove when spraying the outside row. Shut off nozzles when turning at ends of rows and passing tree gaps in rows.

Do not apply MICROMITE 4L when weather conditions favor drift to surface water. Do not apply within 110 feet upwind of surface water or when wind speed is above 8 mph. Do not apply during a temperature inversion.

Do not apply east of U.S. Highway #1, south and east of State Road #846/832, or south of West Palm Beach Canal.

Do not apply more than 10 fluid ounces of MICROMITE 4L per acre per year. Do not apply within 21 days of harvest.

Do not harvest cover crops for animal feed or graze livestock in treated groves.

MICROMITE 4L is compatible with many commonly used citrus pesticides, crop oils, and nutritional sprays. However, because of the large number of possible mixtures, user should pre-test to assure himself of the physical and non-phytotoxic compatibility of any proposed mixtures with MICROMITE 4L.

MICROMITE 4L has shown little or no effect on certain beneficial organisms such as the snowscale parasite, *Aphytis lingnanensis*, the citrus rust mite pathogenic fungus, *Hirsutiella thompsonii*, and bees.

Consult local agricultural authorities such as county and university extension specialists on current recommendations and refer to the Florida Citrus Pest Management Guide.

MICROMITE 4L should be used in conjunction with IPM practices including the early detection of target insect populations, threshold treatment levels, cultural control practices, and other procedures to manage target pest populations. Refer to local extension or university personnel regarding recommended IPM practices.

#### STORAGE AND DISPOSAL

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

**STORAGE**—Store in a dry location.

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

**CONTAINER DISPOSAL**—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.

#### EMERGENCY ASSISTANCE:

UNIROYAL CHEMICAL EMERGENCY PHONE	203-723-3678
SAFETY DATA AND INFORMATION	203-573-3303
TRANSPORTATION EMERGENCY (CHEMTREC)	800-424-9389

**IMPORTANT NOTICE**—Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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