

**RESTRICTED USE PESTICIDE**

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.

**Prescription Treatment® brand**

**DuraGuard® ME**

**Microencapsulated Insecticide**

**Liquid Concentrate**

**ACTIVE INGREDIENTS:**

Chlorpyrifos ..... 20.0%

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

TOTAL: 100.0%

**EPA Reg. No. 499-367**

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**FIRST AID**

This product contains an organophosphate that inhibits cholinesterase.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin with plenty of water for 15 - 20 min. 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 contact 1-800-832-HELP for emergency medical treatment information.

**NOTE TO PHYSICIAN:** If symptoms of cholinesterase inhibition are present, atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

**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 and before eating, drinking, chewing gum or using tobacco.

**PERSONAL PROTECTIVE EQUIPMENT**

Some materials that are chemical-resistant to this product are Barrier laminate ≥14 mils, Butyl rubber ≥14 mils, Nitrile rubber ≥14 mils, Neoprene rubber ≥14 mils, PVC ≥14 mils and viton ≥14 mils. For more information, follow the instructions in Supplement Three of PR Notice 93-7. If you want more options, follow the instructions for category C on an EPA chemical-resistance category selection chart.

**Mixers and loaders using a mechanical transfer loading system must wear:** Long sleeved shirt and long pants; socks and shoes; chemical-resistant gloves; chemical-resistant apron; and a NIOSH approved mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH approved respirator with any N, R, P, or HE filter.

**Mixers, loaders, applicators and handlers must wear:** Coveralls over long sleeved shirt and long pants; chemical-resistant gloves; chemical-resistant apron when mixing or loading or exposed to the concentrate; chemical-resistant footwear plus socks; chemical-resistant headgear for overhead exposures; and a NIOSH approved mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH approved respirator with any N, R, P, or HE filter.

**User Safety Requirements:** Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

**USER SAFETY RECOMMENDATIONS**

**Users should:**

- Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE 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 toxic to fish, aquatic invertebrates, small mammals and birds. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash water or rinsate. 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 spray where electrical short circuits might result, such as wall outlets, conduits, motors, switches, etc. Do not spray directly into any electronic equipment, such as radios, televisions, computers, telephones, etc.

**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.

**PRECAUTIONS AND RESTRICTIONS**

Do not allow spray to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, non-target crops, aquatic and wetland areas, woodlands, pastures, rangelands or animals.

For ground boom applications, do not apply within 25 ft of rivers, natural ponds, lakes, streams, reser-

**NOTE:** This specimen label is for informational purposes only. All uses may not be approved in all states. See labeling which accompanied product for Directions for Use or call 800-777-8570 for more information.

# DuraGuard® ME Microencapsulated Insecticide

voirs, marshes, estuaries and commercial fish ponds. Apply with nozzle height no more than 4 ft above the ground or crop canopy and when wind speed is 10 mph or less at the application site as measured by an anemometer. Use coarse spray according to ASAE 572 definition for standard nozzles of VMD for spinning atomizer nozzles.

This product is a flowable microencapsulated concentrate containing chlorpyrifos. It may be sprayed on surfaces which will not be damaged or stained by water. Heavy applications may leave a visible deposit. On some surfaces this deposit can be removed with a damp cloth or sponge.

## MIXING INSTRUCTIONS

Thoroughly clean spray equipment before using this product. Shake concentrate well before diluting. When diluting, first add approximately one-half of the water to the spray tank and then add the proper amount of concentrate. When emptying the bottle, rinse thoroughly with water, shake well and add the rinsate to the spray tank. Add the rest of the water and agitate the sprayer thoroughly. Agitate sprayer occasionally during use to ensure even coverage. Shake or re-agitate sprayer if spraying is interrupted or if dilution is left in sprayer overnight. If spray screens are used, they should be 50 mesh or larger.

## COMMERCIAL ORNAMENTAL GREENHOUSES AND NURSERIES PRODUCTION ONLY

**KILLS:** Ants (except Carpenter, Fire, Harvester and Pharaoh), Aphids, Beetles, Caterpillars (Cabbage Worms, Rose Slugs, Hornworms), Colorado Potato Beetles, Crickets, Cucumber Beetles, Flea Beetles, Firebrats, Fungus Gnats, Fungus Gnat Larvae, Gnats, Japanese Beetles, Leafhoppers, Leaf Miner, Mealybugs, Root Mealy Bugs, Root Weevils, Rose Aphids, Rose Chafer, Scale, Shore Flies, Spider Mites, Stink Bugs, Tarnished Plant Bugs, Thrips and Watermelon Beetles

**FOR USE IN:** Commercial Ornamental Greenhouses and Nurseries

### FOR USE ON:

**Bedding plants (including):** impatiens, marigolds, petunias, geraniums, garden mums, verbena, New Guinea impatiens, and dahlia

**Cut flowers (including):** roses, chrysanthemums, carnations, snapdragons, and orchids

**Flowering hanging baskets (including):** fuchsia and lantana

**Foliage (including):** Boston fern, dracaena, ficus, schefflera, and philodendron

**Ornamental trees & shrubs (including):** azalea, barberry, cotoneaster, euonymus, ilex, ivy, juniper, oak, pine, rhododendron, roses, spiraea, spruce, viburnum, and yew

**Potted flowering plants (including):** poinsettia, chrysanthemums, florist's azaleas, lilies, African violets, geraniums, hibiscus, begonias, gloxinia, cyclamen, cineraria, calceolaria, and exacum

**DO NOT USE ON:** kalanchoes

## AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 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 WPS.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hr.

PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls over short sleeved shirt and short pants; chemical-resistant gloves made out of any waterproof material; chemical-resistant footwear plus socks; and chemical-resistant headgear for over head exposure. Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

## NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the WPS for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow others to enter until sprays have dried.

## USE DIRECTIONS

**Heavy Infestation:** Use 0.5 fl oz/gal of water. Spray upper and lower foliage surface of plants uniformly.

**Preventative and Maintenance:** Use 0.25 fl oz/gal of water. Spray upper and lower foliage surfaces of plants uniformly.

**Fungus Gnat Larvae and Shore Fly Larvae:** Apply at the rate of 0.25 - 0.50 fl oz/gal as a coarse spray to all insect infested surfaces or where insects may breed. Apply with adequate water to wet soil surface thoroughly. Apply when soil is moist but not saturated. Complete coverage of insect infested area is essential.

## DRENCHING DIRECTIONS

For soil borne organisms, such as Root Mealy Bugs and Root Weevils, mix at one of the above rates or at 0.125 fl oz/gal depending on the organism to be controlled and the amount of finished spray used per pot. Apply 0.5 - 2 fl oz of finished spray per inch diameter of pot. Use higher rate for lower volumes and lower concentration if greater volumes of finished spray are used. Apply when soil is drier, but do not stress plant.

## PLANT SAFETY INFORMATION

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.

## COMMERCIAL PEST CONTROL OUTDOORS

**FLIES:** Kills flies on contact. Flies must be directly contacted by spray to be effective. Use 5 - 8 fl oz/gal/1,000 ft<sup>2</sup>. Spray where flies are seen and congregate (i.e. inside and outside dumpsters and other trash holding containers, trash corrals and other trash storage areas).

**OUTDOOR ORNAMENTALS IN INDUSTRIAL PLANT SITES TO KILL ANTS (except Carpenter, Fire, Harvester and Pharaoh) AND CRICKETS:** For treatment of localized infestations of these insects in outdoor areas which are landscaped, planted, mulched or unmaintained, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat applications as infestations warrant and as reinfestations occur. Use 0.5 - 1.75 fl oz/1,000 ft<sup>2</sup> not to exceed 1 lb ai/acre.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container only, preferably in a locked storage area. Do not store in a manner where cross contamination with other pesticides, fertilizer, food or feed could occur. If spilled during storage or handling, soak up spillage with absorbent material and dispose of in accordance with Pesticide Disposal instructions listed below.

**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 (1 gal):** Nonrefillable container. Empty container by using the product according to the label directions. Do not reuse or refill this container! Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Place empty, triple rinsed container in trash or offer for recycling if available.

If container is partly filled, call your local solid waste agency for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!

**CONTAINER DISPOSAL (15 gal):** Nonrefillable container. Empty container by using the product according to the label directions. Do not reuse or refill this container! Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer empty, triple rinsed container 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.

If container is partly filled, call your local solid waste agency for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!

Manufactured for:

Whitmire Micro-Gen Research Laboratories, Inc.®  
by BASF Corporation  
3568 Tree Court Industrial Blvd.  
St. Louis MO 63122-6682  
Questions? Call 1-800-777-8570

© 2009 Whitmire Micro-Gen Research Laboratories, Inc.®

**NOTE:** This specimen label is for informational purposes only. All uses may not be approved in all states. See labeling which accompanied product for Directions for Use or call 800-777-8570 for more information.