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.

DuraGuard® ME
Microencapsulated Insecticide
Liquid Concentrate

ACTIVE INGREDIENT:
Cypermethrin..................................................... 20.0%
OTHER INGREDIENTS................................................. 80.0%
TOTAL:................................................................. 100.0%

EPA Reg. No. 499-367
EPA Est. No. 7999-MO-1

KEEP OUT OF REACH OF CHILDREN
CAUTION

See back panel/inside booklet for insect and use sites, First Aid, Precautionary Statements, Directions for Use and Storage and Disposal.

NET CONTENTS: 1 gal
BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

100% actual size
Booklet base applied to bottle
FIRST AID

If on skin or clothing:
• Take off contaminated clothing.
• Rinse skin with plenty of water for 15 to 20 min.
• Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER
This product contains an organophosphate that inhibits cholinesterase.

Note to physician: If symptoms of cholinesterase inhibition are present, administer 2-PAM intravenously and may be administered in conjunction with atropine.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-288-RESC (7372) for emergency medical treatment information.

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 24mil, butyl rubber 0.4mil, Nitrile rubber 0.4mil, neoprene rubber 0.4mil, polyurethane 0.4mil and viton 0.4mil. For more information, follow the instructions in Supplement Three of PPE Notice 85-7. If you want more protection, follow the instructions for Category C on the 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 shirtless; chemical-resistant glove, chemical-resistant apron, and a NIOSH-approved P100 filtering respirator with N-100 mask (N-100 filter). Mixers and loaders using a mechanical transfer loading system must wear: Long-sleeved shirt and long pants, socks and shirtless; chemical-resistant glove, chemical-resistant apron, and a NIOSH-approved P100 filtering respirator with N-100 mask (N-100 filter). Mixers and loaders using a mechanical transfer loading system must wear: Long-sleeved shirt and long pants, socks and shirtless; chemical-resistant glove, chemical-resistant apron, and a NIOSH-approved P100 filtering respirator with N-100 mask (N-100 filter). Mixers and loaders using a mechanical transfer loading system must wear: Long-sleeved shirt and long pants, socks and shirtless; chemical-resistant glove, chemical-resistant apron, and a NIOSH-approved P100 filtering respirator with N-100 mask (N-100 filter).

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 rinse water. This product is highly toxic to bees and may remain 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, controls, motors, switches, etc. DO NOT spray directly into any electronic equipment, such as radios, televisions, computers, telephones, etc.

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, fuel or feed could occur. If spilled during storage or handling, clean up spillage with absorbent material and dispose of in accordance with Pesticide Disposal Instructions listed below.

PESTICIDE DISPOSAL:
Wash rinsing from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:
Nonrefillable container. Empty container by using the product according to the label directions. DO NOT reuse or refill this container. Some states may have different requirements for disposal of this product. If empty, do not rinse or dispose of empty container.

Storage:
NWA 2013-03-418-0038 81040451 3047208
Based on: NWA 2013-04-418-077
Supersedes: 130605-100
100% actual size
Back label applied to bottle

OUTDOOR SPRAY
RESTRICTED USE PESTICIDE
For retail sale and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

DuraGuard® ME
Microencapsulated Insecticide
Liquid Concentrate

ACTIVE INGREDIENT:
Chlorpyrifos ............................................................... 20.0%
OTHER INGREDIENTS .................................................. 80.0%
TOTAL ................................................................. 100.0%
EPA Reg. No. 469-367
EPA Est. No. 7869-M0-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel/inside booklet for insecticide and use instructions. Additional precautions, directions for use and storage and disposal.

NET CONTENTS: 1 gal

BASF Corporation
25 Davis Drive
Research Triangle Park, NC 27709

100% actual size
Booklet Cover (page 1) and booklet page 2
All booklet pages will be applied to the top of the booklet base pictured on page 1 of this PDF.
USER SAFETY RECOMMENDATIONS

Users should:
- Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or the like.
- Remove clothing/PPE immediately if pesticides gets inside. Wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As much 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 tidal 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 rinsates. The 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 treated area.

PHYSICAL OR CHEMICAL HAZARDS

DO NOT open where electrical short circuits might result, such as wall outlets, conduits, motors, switches, etc. DO NOT spray directly into any electrical 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.

USE RESTRICTIONS

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

For ground and aerial applications: DO NOT apply within 25 ft of trees, natural ponds, lakes, streams, reservoirs, marshes, aquaculture and commercial fish ponds. Applicate with nozzle height no more than 4 ft above the ground or crop canopy and when wind speed is 10 mph or less of the application site as measured by an anemometer. Use coarse-spray according to ANSI 572 definition for standard nozzle of VGM for spraying vegetation targets.

The buffer distances specified in the below table are the distances in feet that must exist to separate sensitive sites from the targeted application site. Buffers are measured from the edge of the sensitive site to the edge of the application site.

Sensitive sites are areas frequented by non-occupational bystanders (especially children). These include residential lawns, footpath sidewalks, outdoor recreational areas such as school grounds, athletic fields, parks and all property associated with buildings occupied by humans for residential or commercial purposes. Sensitive sites include homes, farmyards, greenhouses or other residential buildings, schools, daycare centers, nurseries, homes and hospitals. Non-residential agricultural buildings, including barns, livestock facilities, sheds or animal pens are not included in this prohibition.

<table>
<thead>
<tr>
<th>Application rate (lb ai/Al)</th>
<th>Nozzle Droplet Type</th>
<th>Required Setback (Buffer Zones) (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Aerial</td>
</tr>
<tr>
<td>&gt;0.5 lb 1</td>
<td>coarse or very coarse</td>
<td>10</td>
</tr>
<tr>
<td>&gt;0.5 lb 1</td>
<td>medium</td>
<td>25</td>
</tr>
<tr>
<td>&gt;1 lb 2</td>
<td>coarse or very coarse</td>
<td>20</td>
</tr>
<tr>
<td>&gt;1 lb 2</td>
<td>medium</td>
<td>15</td>
</tr>
<tr>
<td>&gt;2 lb 3</td>
<td>coarse or very coarse</td>
<td>10</td>
</tr>
<tr>
<td>&gt;2 lb 3</td>
<td>medium</td>
<td>10</td>
</tr>
<tr>
<td>&gt;3 lb 4</td>
<td>coarse or very coarse</td>
<td>NA</td>
</tr>
<tr>
<td>&gt;4</td>
<td>coarse or very coarse</td>
<td>NA</td>
</tr>
</tbody>
</table>

1. Aerial application of greater than 2 lb ai/Al is only permitted for Asian Citrus Psyllid control, up to 2.3 lb ai/Al.

2. NA is not allowed.

Only pesticide handlers are permitted in the setback area during application of this product. DO NOT apply this product on any other than a mist or spray applicator in the setback area. Exception: Vehicular moving through the setback area on public or private roadways are permitted.

PRODUCT INFORMATION

This product is a flowable, microencapsulated concentrate containing chlorpyrifos. This product may be sprayed on surfacess 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 (ALL USES)

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 sprayer tank and then add the proper amount of concentrate. When emptying the container, stir thoroughly with water, shake well and add the remainder 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 lost in sprayer overnight. If spray nozzles are used, they should be 50 mesh or larger.

100% actual size
Booklet page 3-8 follow on pages 4-6 of this PDF.
COMMERCIAL ORNAMENTALS - GREENHOUSES AND NURSERIES* PRODUCTION ONLY

KILLS: Ants (except Carpenter), Fleas, Harvester and Pharaoh, Aphids, Mealybugs, Caterpillars (Cabbage Worms, Hose Slugs, Hornworms), Colorado Potato Beetle, Cicada, Cucumber Beetle, Flea Beetles, Firebrats, Fungus Gnats, Fungus Grubs, Fungus Root Larvae, Grubs, Japanese Beetles, Leatherjackets, Leaf Miners, Meal Moths, Root Mealy Bugs, Root Weevils, Rose Aphids, Rose Chafer, Scale, Square Flies, Spider Mites, Box Bugs, Tarantula Plant Bugs, Thrips and Wintermelon Beetles

*Apply to ornamentals grown only in wholesale nursery operations. Wholesale nursery operations are commercial agricultural operations which do not sell or distribute directly to consumers or the general public through retail sales. Plants, trees, fruits, vegetables, or any parts of the plants, trees, fruits, or vegetables treated with this product cannot be sold or distributed directly to consumers or the general public through retail sales.

FOR USE ON:

Bedding plants (including): impatiens, marigolds, petunias, geraniums, gingers, hibiscus, and dahlia
Cut flowers (including): roses, chrysanthemums, carnations, snapdragons, and orchids

Flowering hanging baskets (including): ferns and lamia

Foliage (including): Boston fern, dracaena, ficus, skunk cabbage, and philodendron

Potted flowering plants (including): crocosmia, chrysanthemums, florists azaleas, ilies, African violets, geraniums, hibiscus, begonias, gloriosa, eucalyptus, and vandium

Ornamental Trees & shrubs (including): gardenia, barberry, cornelian, euonymus, fex, hvy juvenile, oak, pine, rhododendron, roses, spruce, eucalyptus, cypress, and yew

DO NOT USE ON: hairlessness

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with the 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 the label about personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are covered by the WPS.

Worker Restricted Entry Interval (REI): DO NOT enter or allow worker entry into treated areas during the REI of 24 hrs unless PPE required for early entry is worn.

PEC 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. For example: over short sleeved shirt and short pants; chemical resistant gloves made out of any waterproof material; chemical resistant boots or shoes; and chemical resistant footwear 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 per gallon of water. Spray upper and lower foliage surface of plants uniformly.

Preventative and Maintenance: Use 0.25 fl oz per gallon of water. Spray upper and lower foliage surfaces of plants uniformly.

Fungus Root Larvae and Square Flies: Apply at the rate of 0.25 to 0.5 fl oz per gallon of water as a coarse spray to all infected infested surfaces or where insects may breed. Apply with adequate water to wet soil surface thoroughly. Apply when soil is moist but not saturated.

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 per fl oz of soil, depending on the organism to be controlled and the amount of finished spray used per pot. Apply 0.5 to 2 fl oz of finished spray per inch diameter of pot. Use higher rates for lower volumes and lower concentrations for greater volumes of finished spray are used. Apply when soil is dry, 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, test a few plants and observe for phototoxicity prior to full scale application. Direct treatment to some pest causes may cause petal drop.

COMMERCIAL PEST CONTROL OUTDOORS

FLIES: Kill flies on contact. Flies must be directly contacted by spray to be effective. Use 5 to 8 fl oz per 1,000 fl oz. Spray where flies are seen and congregate, e.g., nectar and outside dumpers and/or trash holding containers, trash cans, and other trash storage areas.

OUTDOOR ORNAMENTALS IN INDUSTRIAL PLANT SITES TO KILL ANTS (except Carpenter, Fire, Harvester and Pharaoh) AND CICADAS: For treatment of localized infestations of these insects in outdoor areas which are landscaped, planted, mulched or maintained, spray infested areas thoroughly. For infestations in wooded or heavily wooded areas. Repeat applications at intervals of 2 weeks, if infestations occur. Use 0.5 to 1.5 fl oz per 1,000 fl oz. Do not exceed 1 fl oz per 100 fl oz.
**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, clean up spillage with absorbent material and dispose of in accordance with Pesticide Disposal Instructions listed below.

**PESTICIDE DISPOSAL:** Washes resulting from the use of this product may be disposed on a site in an approved waste disposal facility.

**CONTAINER DISPOSAL:** 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: Emptly 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 reagm. Shake for 10 seconds. Pour into application equipment or a mix tank or store rinse 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 solids waste agency for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN.

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**CONDITIONS OF SALE AND WARRANTY**

Follow the Directions for Use. It is impossible to eliminate all risks inherent in use of this product, and therefore all such risk shall be assumed by the buyer. BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks, referred to above, TO THE EXTENT CONSISTENT WITH APPLICABLE LAW: (A) BASF MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND BASF'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REIMBURSEMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM USE OR HANDLING OF THIS PRODUCT. BASF and the Seller offer this product, and the buyer accept it, subject to these Conditions of Sale and Warranty which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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Supersedes: 130605-100