

DuraGuard® ME Insecticide

BASF
The Chemical Company

Get Fast, Effective Insect Control With Prescription Treatment® Brand **DuraGuard®** **ME** Microencapsulated Insecticide – A Broad Spectrum, Water-Based Microencapsulated (Timed-Release) Insecticide Concentrate.

Microencapsulated **DuraGuard** provides the advantage of a highly pure active ingredient encased in a tiny protective permeable capsule. **DuraGuard** offers many benefits, including:

- Long-lasting residual – one application protects the plant for a week or longer and one soil application may last up to 30 days
- Increased plant safety, even on most open blooms
- Little to no odor

Pests Controlled

DuraGuard effectively controls:

- Aphids
- Fungus Gnats
- Fungus Gnat Larvae
- Mealybugs
- Scale
- Shore Flies
- Thrips
- And More



Use Sites: Product is a restricted use pesticide labeled for use in commercial, ornamental greenhouses and nurseries and outdoor industrial plant sites

Packaging: 4x1 gallons; 15-gallon drums

Active Ingredient: Chlorpyrifos

Class: Organophosphate

Mode of Action: Acetylcholine Esterase Inhibitor (1A & 1B)

Signal Word: CAUTION

REI: 24 hours

PPE: Long-sleeved shirt and long pants; waterproof gloves; shoes plus socks

Prescription Treatment® brand

DuraGuard® ME

Microencapsulated Insecticide

Microencapsulation

A semi-permeable capsule wall protects the chlorpyrifos from air, moisture and other environmental conditions. Once applied, the chlorpyrifos begins to diffuse from the capsules and forms a coating of insecticide on the capsule. **DuraGuard** capsules act as a minefield to insects on leaf and/or soil surfaces. It takes only a few capsules to kill insects, as the microcapsules adhere to tiny hairs on the insects' bodies. Chewing insects may ingest the microcapsules, thereby receiving a lethal dose.

Operational Benefits

Use **DuraGuard** liquid concentrate to get the timed-release benefits found only through microencapsulation. It is effective on many hard-to-control insect pests, including thrips and aphids. **DuraGuard** may be used safely on a broad range of plants, including most open blooms. **DuraGuard** kills insects for a week or longer after application. **DuraGuard** is a valuable tool for use in commercial ornamental greenhouse and nursery applications. The active ingredient, chlorpyrifos, is one of the most versatile, broad-spectrum insecticide compounds available today. Additionally, **DuraGuard** has little to no odor and an acute oral LD₅₀ greater than 5,000 mg/kg.

Restricted Use Pesticide

For retail sale to, and use only by, Certified Applicators or persons under direct supervision and only for those uses covered by the Certified Applicator's certification.

Spray Dilution Chart

Amount of Finished Spray	High Rate	Low Rate
1 Gallon	0.5 oz.	0.25 oz.
10 Gallons	5 oz.	0.25 oz.
25 Gallons	12.5 oz.	6.25 oz.
50 Gallons	25 oz.	12.5 oz.
100 Gallons	50 oz.	25 oz.



Always read and follow label directions.

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