

PM 21 100-702 10F2

# Orbit

## Fungicide

For control of certain diseases in pecans  
Orbit contains 3.6 lbs. active ingredient per gallon.

EPA Reg. No. 100-  
EPA Est. 100-AL-1

20 FL. OZ.

U.S. Standard Measure

MAR 16 1988  
Under the Federal Insecticide, Fungicide, and Plant Disease Act, this product is registered under EPA Reg. No. 100-702

## Keep Out of Reach of Children. Warning

See additional precautionary statements on back of container.

See directions for use in attached booklet.

Active Ingredient:  
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole ..... 41.8%

Inert Ingredients: 58.2%  
Total: 100.0%

# CIBA-GEIGY

## Precautionary Statements

Hazards to Humans and Domestic Animals  
**WARNING**

This product may cause skin sensitization reactions in certain individuals. Wear rubber gloves and long sleeves when mixing or handling the undiluted product. Remove contaminated clothing and wash before reuse.

Causes eye irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed, inhaled, or absorbed through skin. Wash thoroughly with soap and water after handling. Avoid breathing spray mist.

First Aid: If in eyes, flush with plenty of water and get medical attention if irritation persists. If on skin, wash with plenty of soap and water. Get medical attention if irritation persists. If swallowed, drink promptly a large quantity of milk, egg whites, or gelatin solution; if these are not available, drink large quantities of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Call a physician or Poison Control Center immediately. In case of inhalation exposure, move to fresh air.

Hazards to Physicians: There is no specific antidote for this product. Induce emesis or lavage stomach, taking care to avoid aspiration of stomach contents into lungs. Give a saline laxative and supportive therapy.

Environmental Hazards  
This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not contaminate water when disposing of equipment wash waters. Refer to product labeling for use restrictions to protect endangered species.

Physical or Chemical Hazards  
Do not use, pour, spill, or store near heat or open flame. In event of spill, fire, or other emergency, call (919) 292-7100 day or night.

Store at temperatures above 6°F.  
Chemigation: Do not apply this product through any type of irrigation system.

Orbit™ trademark of CIBA-GEIGY Patent No. 4,079,062

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CIBA-GEIGY Corporation  
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CGA

## DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

**IMPORTANT:** Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.

### Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of CIBA-GEIGY or the Seller. All such risks shall be assumed by the Buyer.

CIBA-GEIGY 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. CIBA-GEIGY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. CIBA-GEIGY and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of CIBA-GEIGY.

### DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

#### General Information

Orbit is a broad spectrum fungicide for the control of certain diseases in pecans.

**FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, OR ILLEGAL RESIDUES.**

#### Spray Equipment

Thorough coverage is necessary to provide good disease control. Equip sprayers with nozzles that provide accurate and uniform application. Be certain that nozzles are the same size and uniformly spaced across the boom. Calibrate sprayer before use.

Use a pump with capacity to (1) maintain 35-40 psi at nozzles, and (2) provide sufficient agitation in tank to keep mixture in suspension — this requires recirculation of 10 percent of tank volume per minute. Use a jet agitator or liquid sparge tube for agitation. Do not air sparge.

Although Orbit is an emulsifiable concentrate, it is suggested screens be used to protect the pump and to prevent nozzles from clogging. Screens placed on suction side of pump should be 16-mesh or coarser. Do not place a screen in the recirculation line. Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles. Check nozzle manufacturer's recommendations.

For more information on spray equipment and calibration, consult sprayer manufacturers and state recommendations.

In pecans, Orbit is compatible with most insecticides recommended such as diazinon 50W, diazinon AG500, Zolone® EC, dimethoate, Supracide® 2E and carbaryl 50W. To determine the physical compatibility of Orbit with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to 1 qt. of water. Add wettable powders and water dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank. Do not mix Orbit with Cyprex® on pecans, or crop injury may occur.

Consult the current state agricultural experiment station recommendations for specific local directions on spray schedules.

Do not apply this product through any type of irrigation system.

#### Mixing Procedures

- (1) Wear rubber gloves and long sleeves when mixing and loading the product into spray equipment.
- (2) Be sure sprayer is clean; if it is contaminated with any material, crop injury or sprayer clogging may result.
- (3) Fill tank 1/2-3/4 full with clean water, and start agitation.
- (4) Be certain that the agitation system is working properly and creates a rippling or rolling action on the liquid surface.
- (5) Add product to the tank.
- (6) Complete filling tank, maintaining sufficient agitation at all times to ensure surface action. This applies to both spray and nurse tanks.
- (7) Do not leave tank mixtures in the tank without adequate agitation. Always maintain agitation to avoid separation and buildup of residues. If a residue starts to build up in tank, drain and clean with strong detergent and ammonia solution and rinse thoroughly with clean water.
- (8) Immediately after use, clean sprayer thoroughly by flushing system with water containing a detergent and rinse with clean water.

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**BEST AVAILABLE COPY**