



United States
Environmental Protection Agency
Washington, DC 20460

Registration
Amendment
 Other

OPP Identifier Number
242490

Application for Pesticide - Section I

1. Company/Product Number 100-702	2. EPA Product Manager Welch	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Break TM EC Fungicide	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Ciba-Geigy Corporation Ciba Crop Protection P. O. Box 18300 Greensboro, NC 27419-8300 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Addition of the Alternate Brand Name BreakTM EC for OrbitTM EC Fungicide

NOTIFICATION

OCT 4 1996

Section - III

1. Material This Product Will Be Packaged In:						2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		Metal Plastic Glass Paper Other (Specify) _____			
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container				
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product			
6. Manner in Which Label is Affixed to Product			<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Charles A. S. Pearson		Title Senior Regulatory Manager		Telephone No. (include Area Code) (910)632-7734	
<p align="center">Certification</p> <p>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>					6. Date Application Received (Stamped)
2. Signature <i>Charles A. S. Pearson/ad</i>		3. Title Senior Regulatory Manager			
4. Typed Name Charles A. S. Pearson		5. Date September 12, 1996			

PULL HERE TO OPEN

Break™ EC

One Gallon
U. S. Standard Measure

FUNGICIDE

For control of certain diseases
in apricots, nectarines, peaches,
plums, prunes, and nonbearing citrus

Active Ingredient:

Propiconazole: 1-[[2-(2,4-dichloro-phenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole . . . 41.8%

Inert Ingredients: 58.2%

Total: 100.0%

EPA Reg. No. 100-702

EPA Est. 34704-MS-2[Ⓢ], EPA Est. 67517-MO-1[Ⓢ]

EPA Est. 67545-AZ-1[Ⓢ]

(Superscript is first letter of lot number on jug)

KEEP OUT OF REACH OF CHILDREN.

WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)



See additional precautionary statements and conditions for use inside booklet. **Not for sale in California**
CGA 130-0082BA

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. If terms are not acceptable, return the unopened product container at once.

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.

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.

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 enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 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
- Chemical-resistant gloves, such as barrier laminate or viton
- Shoes plus socks
- Protective eyewear

General Information

Break EC is a broad spectrum fungicide for the control of certain diseases in pecans, certain stone fruit, and nonbearing citrus.

Important: Do not use in nurseries, on turf, on landscape plantings, or as a tree injection.

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.

To avoid spray drift, do not apply when conditions favor drift beyond the target area. Avoid spray overlap, as crop injury may occur.

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% of tank volume per minute. Use a jet agitator or liquid sparge tube for agitation. Do not air sparge.

Although Break EC 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. For specific local directions and spray schedules, consult the current state agricultural experiment station recommendations.

Mixing Procedures

Prepare no more spray mixture than is required for the immediate operation. Thoroughly clean spray equipment before using this product. Agitate the spray solution before and during application. Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to an already treated area.

Break EC Alone: Add $\frac{1}{2}$ - $\frac{2}{3}$ of the required amount of water to the spray or mixing tank. With the agitator running, add the Break EC to the tank. Continue agitation while adding the remainder of the water. Begin application of the spray solution after the Break EC has completely dispersed into the mix water. Maintain agitation until all of the mixture has been sprayed.

Break EC + Tank Mixtures: Break EC is compatible with most recommended insecticides such as D-z-n[®] diazinon 50W, D-z-n diazinon AG500, Zolone[®] 3E, dimethoate, Supracide[®] 2E, and carbaryl 50W.

Do not mix Break EC with Cypréx[®], or crop injury may occur.

To determine the physical compatibility of Break EC 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.

Add $\frac{1}{2}$ - $\frac{2}{3}$ of the required amount of water to the spray or mixing tank. With the agitator running, add the tank mix partner into the tank. Allow the material to completely dissolve and disperse into the mix water. Continue agitation while adding the remainder of the water and the Break EC to the spray tank. Allow the Break EC to completely disperse. Spray the mixture with the agitator running.

If using Break EC in a tank mixture, observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank mix product label. No label dosage rate should be exceeded, and the most restrictive label precautions and limitations should be followed. This product should not be mixed with any product which prohibits such mixing. Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the referenced products are registered.

Aerial Application: Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur. Do not apply directly to humans or animals.

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

Nonbearing Citrus

For control of greasy spot (*Mycosphaerella citri*) in nonbearing citrus, apply 6-8 fl. oz. of Break EC per acre during June-August.

Note: To avoid possible illegal residues, do not apply to citrus that will bear harvestable fruit within 12 months.

Apricots, Nectarines, Peaches, and Plums (West of the Rocky Mountains)

Note: Do not apply Break EC to cherries.

Break EC can be applied by either ground or aerial equipment. For aerial applications, a minimum spray volume of 20 gals./A is recommended. For ground applications, a minimum spray volume of 50 gals./A is recommended. Brown rot blossom blight and fruit brown rot are most effectively controlled by ground application, using sufficient water volume to provide thorough and uniform coverage. Break EC is most effective when applied before a rainfall and allowed to dry.

Brown Rot Blossom Blight: Apply 4 fl. oz. of Break EC per acre at 5-10% bloom. Make a second application of 4 fl. oz./A at 80-100% bloom.

Fruit Brown Rot: Apply a maximum of 2 pre-harvest sprays of Break EC at 4 fl. oz./A during the period beginning 10-14 days before harvest through the day of harvest (0 day PHI).

Prunes (West of the Rocky Mountains Only)

Break EC can be applied by either ground or aerial equipment. For aerial applications, a minimum spray volume of 20 gals./A is recommended. For ground applications, a minimum spray volume of 50 gals./A is recommended. Brown rot blossom blight is most effectively controlled by ground application using sufficient water volume to provide thorough and uniform coverage. Break EC is most effective when applied before a rainfall and allowed to dry.

Brown Rot Blossom Blight: Apply 4 fl. oz. of Break EC per acre at early bloom stage (5-10% bloom). Make a second application of 4 fl. oz./A at 50-75% bloom. If blossoming is prolonged or conditions favorable for disease persist, make a third application of 4 fl. oz./A at petal fall. Do not apply Break EC to prunes for control of fruit brown rot.

Storage and Disposal

Pesticide Disposal

Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes may be toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container Disposal

Triple rinse container (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. Stay out of smoke from burning containers.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING/AVISO

This product may cause skin sensitization reactions in certain individuals.

Causes eye irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing spray mist.

Statement of Practical Treatment

If in eyes: Flush with plenty of water. Get medical attention if irritation persists.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

If swallowed: Do not induce vomiting. Promptly drink 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. Call a physician or Poison Control Center immediately.

If inhaled: Move victim to fresh air.

Note to Physician: 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.

Personal Protective Equipment

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category G on an EPA chemical resistance category selection chart.

Applications and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate or viton
- Shoes plus socks
- Protective eyewear

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

Engineering Control Statements

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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.

Environmental Hazards

This pesticide is toxic to fish. For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. 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.

Break™, D-z-n®, and Supracide® trademarks of Ciba-Geigy Corporation
U. S. Patent No. 4,079,062

Cyprex® trademark of American Cyanamid

Zolone® trademark of Rhône-Poulenc Ag Company

©1996 Ciba-Geigy Corporation

Ciba Crop Protection
Ciba-Geigy Corporation
Greensboro, North Carolina 27419
CGA 191L1 086

Break™ EC

FUNGICIDE

For control of certain diseases in apricots, nectarines, peaches, plums, prunes, and nonbearing citrus

Active Ingredient:
Propiconazole: 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%

See directions for use in attached booklet.

AGRICULTURAL USE REQUIREMENTS
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-702
EPA Est. 34704-MS-2®
EPA Est. 67517-MO-1®
EPA Est. 67545-AZ-1®
(Superscript is first letter of lot number on jug)
Break™ trademark of Ciba-Geigy Corporation
U.S. Patent No. 4,079,062
©1996 Ciba-Geigy Corporation
One Gallon
U.S. Standard Measure

KEEP OUT OF REACH OF CHILDREN. WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Precautionary Statements

Hazards to Humans and Domestic Animals
This product may cause skin sensitization reactions in certain individuals.

Causes eye irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing spray mist.

Statement of Practical Treatment
If in eyes: Flush with plenty of water. Get medical attention if irritation persists.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

If swallowed: Do not induce vomiting. Promptly drink 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. Call a physician or Poison Control Center immediately.

If inhaled: Move victim to fresh air.

Note to Physician: 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. For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. 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 the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

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

Ciba Crop Protection
Ciba-Geigy Corporation
Greensboro, North Carolina 27419
CGA 191L1 086

