

PM-21

Reg # 100-781

496

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number
250141

Application for Pesticide - Section I

1. Company/Product Number 100-781	2. EPA Product Manager Welch	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Break 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 Break™ for Orbit™ 45W 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	If "Yes" Unit Packaging wgt. No. per container		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Package 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
Certification 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.		6. Date Application Received (Stamped)
2. Signature Charles A. S. Pearson /sd	3. Title Senior Regulatory Manager	
4. Typed Name Charles A. S. Pearson	5. Date September 12, 1996	

276

PULL HERE TO OPEN ▶



Break™

FUNGICIDE

For control of certain diseases in apricots, cherries, 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	45%
Inert Ingredients:	55%
Total:	100%

EPA Reg. No. 100-781

EPA Est. 5905-GA-1[®], EPA Est. 34704-MS-2[®]
EPA Est. 67517-MQ-1[®], EPA Est. 67545-AZ-1[®]
(Superscript is first letter of lot number on container)

5 x 4 Ounce
Water-Soluble
Packets

Total 20 Ounces
Net Weight



KEEP OUT OF REACH OF CHILDREN.

CAUTION

This outer protective container contains Break in an inner water-soluble bag. Entire inner bag and contents dissolve in water. After opening outer container, immediately drop entire unopened inner bag into the partially filled sprayer or mix tank. Do not handle the soluble bag or expose it to moisture since this may cause rupturing.

See additional precautionary statements and directions for use inside booklet. CGA 190L1 086

NOTIFICATION
301 4 11 88

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.

9-16-96



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 12 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
- Waterproof gloves
- Shoes plus socks

General Information

Break 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 a minimum of 35 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.

Use screens 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 needed for the immediate operation. Thoroughly clean spray equipment before using this product. Vigorous agitation is necessary to maintain uniformity of the spray mixture. Maintain maximum agitation throughout the spraying operation. **Do not let the spray mixture stand overnight in the spray tank.** Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

Break™

476

Precaution: Water-soluble bags of Break must be completely dissolved and dispersed in plain water before any other tank mix partner, including micronutrients or other liquid or dry fertilizers, are added to the spray solution. Boron, especially in the form of a micronutrient additive, such as Solubor®, etc., or as a natural component of the mix water, may prevent water-soluble bags from dissolving.

Break Alone: Add 1/3 of the required amount of plain water to the spray or mixing tank. With the agitator running, drop the required number of unopened soluble bags of Break into the tank all at once. Continue agitation while adding the remainder of the water. Begin application of the spray solution after the soluble bags have dissolved, and the material has completely dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

Break + Tank Mixtures: Add 1/3 of the required amount of plain water to the spray or mixing tank. With the agitator running, drop the required number of unopened soluble bags of Break into the tank all at once. Continue agitation while adding the remainder of the water. Allow the soluble bags of Break to dissolve and the product to completely disperse into the mix water. Then add the desired amount of other products recommended for tank mixture and allow them to become completely dispersed. Continue agitation to maintain a uniform suspension until all of the spray solution has been applied.

Do not mix Break with Cyrex®, or crop injury may occur.

If using Break 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 0.375 lb.-0.5 lb. of Break 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, Cherries, Nectarines, Peaches, Plums, and Prunes (West of the Rocky Mountains)

Break 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 is most effective when applied before a rainfall and allowed to dry.

Brown Rot Blossom Blight: Apply 0.25 lb. of Break per acre at 5-10% bloom. Make a second application of 0.25 lb./A at 80-100% bloom.

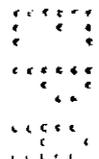
Fruit Brown Rot: Apply a maximum of 2 pre-harvest sprays of Break at 0.25 lb./A during the period beginning 10-14 days before harvest through the day of harvest (0 day PHI).

Prunes

Break 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 is most effective when applied before a rainfall and allowed to dry.

Brown Rot Blossom Blight: Apply 0.25 lb. of Break per acre at early bloom stage (5-10% bloom). Make a second application of 0.25 lb./A at 50-75% bloom. If blossoming is prolonged or conditions favorable for disease persist, make a third application of 0.25 lb./A at petal fall. Do not apply Break to prunes for control of fruit brown rot.

9-16-96



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

Do not reuse outer container. Dispose of empty container in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, keep out of smoke.

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

CAUTION

Causes eye irritation. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin, or on clothing.

Statement of Practical Treatment

If in eyes: Hold eyelids open and flush eyes with a steady, gentle stream of water for 15 minutes. Get medical attention if irritation persists.

If swallowed: Immediately call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

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

Note to Physician: If ingested, induce emesis or lavage stomach. Treat symptomatically.

Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

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™

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Accu-Pak® and Break™ trademarks of Ciba-Geigy Corporation
U.S. Patent No. 4,079,062

Cyprex® trademark of American Cyanamid

Solubor® trademark of United States Borax and Chemical Corporation

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Ciba Crop Protection
Ciba-Geigy Corporation
Greensboro, North Carolina 27419
CGA 190L1 086



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-triazole45%

Inert ingredients: 55%
Total: 100%

EPA Reg. No. 100-781
EPA Est. 5985-GA-1Ⓢ
EPA Est. 34704-MS-2Ⓢ
EPA Est. 67517-MO-1Ⓢ
EPA Est. 67545-AZ-1Ⓢ

(Superscript is first letter of lot number on
container)

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 supplement-
al labeling under "Agricultural
Use Requirements" in the Direc-
tions for Use section for informa-
tion about this standard.

Accu-Pak® and Break™ trademarks
of Ciba-Geigy Corporation
U.S. Patent No. 4,079,062

5 x 4 Ounce
Water-Soluble Packets
Total 20 Ounces
Net Weight

**KEEP OUT OF REACH OF CHILDREN.
CAUTION**

Precautionary Statements

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absorbed through skin. Do not get in eyes, on skin, or
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Control Center. Drink 1 or 2 glasses of water and
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mouth to an unconscious person.

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

Note to Physician: If ingested, induce emesis or
lavage stomach. Treat symptomatically.

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 dis-
posing 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 emer-
gency, call 1-800-888-8372, day or night.

Chemigation

Do not apply this product through any type of irriga-
tion system.

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