

4-355

9-7-2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

September 7, 2007

Rebecca M. Horton  
Registrations by Design, Inc.  
Consultant/Agent for  
BONIDE PRODUCTS, INC.  
118 1/2 East Main Street, Suite 1  
Salem, VA 24153-3805

**Subject: Bonide Home Orchard Spray  
EPA Registration No. 4-355  
Reregistration Submission Dated July 19, 2007**

Dear Ms. Horton:

EPA determined that you fulfilled the requirements of the Captan Reregistration Eligibility Decision (RED) for the subject product. However, we are unable to reregister the product under FIFRA 4(g)(2)(c) at this time, because it also contains the active ingredients Malathion and Sulfur. A RED was issued for Malathion in July 2006 and March 1991 for Sulfur. This product will be reregistered once the data requirements have been satisfied for this product under the Malathion and Sulfur REDs.

Within 45 days from the date of this letter, submit one copy of the final printed label that incorporates the required changes below and before the product is released for shipment.

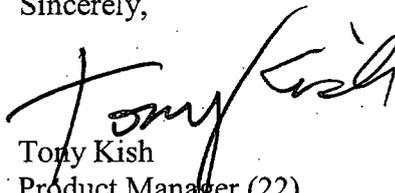
1. After "Causes irreversible eye damage", add "wear protective eyewear (goggles, safety glasses, or face shield), long-sleeved shirt, long pants, shoes, socks, and chemical resistant gloves made out of any waterproof material".
2. On page 3, under "Apples" delete "fruit and" from the statement "Spray to cover fruit and leaf surfaces.....up to bloom".
3. On page 4, change "Storage" to "Pesticide Storage" and "Disposal" to "Container Disposal", also add "Pesticide Disposal" and the correct pesticide disposal statement.

Further, it has been determined that this product is subject to the Child Resistant Packaging (CRP) regulations, therefore you must certify to the Agency that this product as packaged meets the standards set forth in the CRP regulations (40 CFR 157.32). Additionally, you must maintain adequate records to substantiate CRP certification. If CRP test data has not

been conducted, then you must submit the data within 90 days in both hard copy and electronic form per PR Notice 97-9 and sample packages along with their CRP certification. However, if the data has been provided, confirm CRP certification within 45 days from the date of this letter. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e).

Your release for shipment of the product bearing amended labeling constitutes accepting of these conditions. One copy of the label stamped "Accepted with comments" is enclosed for your records. If you have any questions, please contact Tawanda Spears by phone at (703) 308-8050 or via email at [spears.tawanda@epa.gov](mailto:spears.tawanda@epa.gov).

Sincerely,



Tony Kish  
Product Manager (22)  
Fungicide Branch  
Registration Division (7505P)

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# HOME ORCHARD SPRAY

Optional Marketing Statement:

CONTROLS INSECTS AND DISEASE ON LISTED FRUIT AND ORNAMENTALS

**ACTIVE INGREDIENTS:**

|                                 |        |
|---------------------------------|--------|
| Captan (CAS #133-06-2) .....    | 5.90%  |
| Related Derivatives .....       | 0.13%  |
| Malathion (CAS #121-75-5) ..... | 6.00%  |
| Sulfur (CAS #7704-34-9) .....   | 25.00% |

|                                 |               |
|---------------------------------|---------------|
| <b>OTHER INGREDIENTS:</b> ..... | <u>62.97%</u> |
| <b>TOTAL:</b> .....             | 100.00%       |

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated**

**SEP 7 2007**

**KEEP OUT OF REACH OF CHILDREN**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.**

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**DANGER**

See back/side/other panel(s) for additional precautionary statements.

**NET WEIGHT:** \_\_\_\_\_

| <b>FIRST AID</b>   |  |
|--|--|
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information. |  |
| <b>If in Eyes:</b>   | <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>  |
| <b>If on Skin or Clothing:</b>   | <ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>  |
| <b>If Swallowed:</b>   | <ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul> |
| <b>NOTE TO PHYSICIAN:</b> Probable mucosal damage may contraindicate the use of gastric lavage.  |  |

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Corrosive. Causes irreversible eye damage. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Do not contaminate water when disposing of equipment washwaters or rinsate. This product is highly toxic to bees exposed to direct treatment 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.

**DIRECTIONS FOR USE**

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

**General Precautions & Restrictions**

- **ENTRY RESTRICTIONS:** Do not allow people or pets to enter the treated area until sprays have dried.
- Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application.
- Do not apply to residential lawns.
- **DO NOT USE THIS MATERIAL WITHIN TWO WEEKS AFTER THE APPLICATION OF AN OIL SPRAY. AVOID SPRAYING WHEN TEMPERATURE IS IN EXCESS OF 85°F.**

For best results follow a regular spray schedule, timing is important for both disease and insect control. Remember, it is easier to prevent damage than to cure it. Therefore, a preventative spray schedule is recommended. For hose-end sprayer, follow manufacturer's directions. Select still periods for application (early morning, evening) to reduce waste by blow away and blow back on applicator. Do not use if rain is expected shortly after application. Mix thoroughly before using and occasionally during use to assure uniformity of spray mix. Do not store diluted spray.

**INSECTS**

On Strawberries: Spittlebug, Strawberry Weevil

On Apples: Aphids, Cankerworm, Codling Moth, Red Spider Mite, Leafhopper, Leaf Roller, Oriental Fruit Moth, Tent Caterpillar

**DISEASES**

Scab and Powdery Mildew on Apples

Botrytis Rot on Strawberries

**APPLES:** Mix 5 Tbs. per gallon of water, (1 cupful for 3 gallons) (1 pound to 12 gallons of water). Spray to cover fruit and leaf surfaces when new growth appears and repeat at weekly intervals up to bloom. For trees 6 to 8 feet, use 1 to 2 pints of diluted solution. For trees 8 feet & taller, use ½ to 3 gallons. After petal fall, repeat application every 10 days up to 7 days before harvest. Do not exceed 10 applications per growing season.

**STRAWBERRIES:** Mix 5 Tbs. per gallon of water, (1 cupful for 3 gallons) (1 pound to 12 gallons of water). Spray to cover fruit and leaf surfaces when new growth starts. Do not exceed 1½ gallons of spray suspension per 100 sq. ft. of strawberries (broadcast spray) or per 100 linear feet of band or row 1 ft. wide (banded or directed spray) per single application. Repeat application every 7-14 days – up to 14 days before harvest. Do not exceed 8 applications per growing season.

**ROSES, EVERGREENS, ORNAMENTAL AND FLOWERS**

Insects: Aphids, bagworm, black cutworm, bud moth, flea beetles, gypsy moth, Japanese beetle, leafhoppers, mealybugs, mites (clover, European red, two spotted and Wilmette), psylla, red banded leaf roller, scale (Forbes, Putman, San Jose), spittle bug, tent caterpillars, unspotted tentiform leaf miner, and yellow neck caterpillar.

Diseases: Black Spot, Botrytis Blossom Blight, Powdery Mildew, Rust on roses. Rust, Powdery Mildew on ornamental shrubs, perennials.

Mix 5 Tbs. per gallon of water, (1 cupful for 3 gallons) (1 pound to 12 gallons of water). Use 1-1½ gallons of spray suspension per 100 sq. ft.

Begin applications when pests or disease symptoms first appear or conditions favor their development. Repeat at weekly intervals or as necessary to maintain control. Do not exceed 10 applications per growing season.

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**STORAGE AND DISPOSAL**

**Storage:** Store and transport in an upright position. Store in a cool dry area inaccessible to children or pets.

**Disposal:** *If empty* – Do not reuse this container. Place in trash or offer for recycling if available. *If partly filled* – Call your local solid waste agency or ~~[1-800-CLEANUP or~~ [www.cleanup.org](http://www.cleanup.org) for disposal instructions. Never place unused product down any indoor or outdoor drain.

Note: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Seller's liability for default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

This material is packed at full net weights listed. It is subject to settling and may appear less than full.

For information on pesticide products (including health concerns, medical emergencies, or pesticide incidents, call the National Pesticide Information Center at 1-800-858-7378.

Manufactured by:

Bonide Products, Inc.

Oriskany, NY 13424