

100-1093

04/24/2006

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Michele Schulz
Syngenta Crop Protection, Inc.
P.O. Box 18300
410 Swing Road
Greensboro, NC 27419-8300

APR 24 2006

SUBJECT: Application for Supplemental Label Amendment
Heritage Fungicide
EPA Reg. No. 100-1093
Your Submission Dated July 25, 2003 and April 20, 2006 (Supplemental Label)

Dear Ms. Schulz:

The revised supplemental label for residential mold control, referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable, provided you submit one copy of your final printed labeling before you release the product for shipment and comply with the requirement below.

Within 30 days from the date of this letter, you must submit a revised master label which adds this new residential mold control section, as well as the IR4 crops and changes requested in your original application, dated July 25, 2003.

If this condition is not complied with, the registration may be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of this condition.

If you have any questions regarding this correspondence, contact Rose Kearns by phone at 703-305-5611 or via email at kearns.rosemary@epa.gov or myself at 703-308-9443 or via email at kish.tony@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Tony Kish".

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

Enclosure

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SUPPLEMENTAL LABEL



Syngenta Crop Protection, Inc.
Greensboro, NC 27409
www.syngenta-us.com

SUPPLEMENTAL LABEL FOR

Heritage®

Fungicide

Active Ingredient

Azoxystrobin: methyl (E)-2-[2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]phenyl]-3-methoxyacrylate*	50%
Other Ingredients:	50%
Total:	100%

**ACCEPTED
with COMMENTS
In EPA Letter Dated
APR 24 2006
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No. 100-1093**

Contains 0.5 lb. ai/lb. product

*IUPAC (International Union of Pure and Applied Chemistry)

EPA Reg No. 100-1093

KEEP OUT OF REACH OF CHILDREN.

CAUTION

Indoor Residential Mold Spray

A fungistatic agent that controls and/or inhibits the growth of many fungi, mold and mildew associated with indoor odor, staining, and discoloration. This product is not intended to protect users or others against food-borne or disease causing organisms. This product is not for use in food/feed handling areas.

GENERAL INFORMATION

Heritage inhibits the growth of fungi, molds and mildews that cause odor, staining and discoloration to carpet, structural wood: including exposed joists, or subflooring in basements, crawlspaces, attics and garages, as well as exposed drywall or particleboard in same or similar areas. It provides an invisible coating and barrier to

inhibit the fungal organisms associated with mold and mildew that cause odor, staining and discoloration.

For use in homes and vehicles.

- Not for use by professional or commercial applicators.
- For use by residential applicators as a preventative treatment (no visible mold or mildew) up to 800 square feet, and for remediation of areas 10 square feet or less with visible mold and mildew.

GENERAL USE PRECAUTIONS

NOT for use in areas where food/feed items are present or may be present.

Keep children, pets, patients, residents and any bystanders out of the room or area during remediation and application. Keep children and pets off treated areas until spray has dried following application.

Apply as needed, but do not exceed 4 applications per year to the same surface or area.

DIRECTIONS FOR USE

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

Heritage is for preventative and remedial control/inhibition of fungi (molds, mildews) that cause odor, discoloration or staining. Before applying this product, visible mold growth must be removed and conditions favorable to mold growth must be identified and corrected.

Water Damage Remediation

If mold or mildew is visibly present, follow the Mold Remediation Methods section of this label before treating. If mold or mildew is visibly present in an area larger than 10 square feet, professional remediation is required. Do not use Heritage in situations where remediation and product application in those areas larger than 10 square feet is required. Remediation and product application of areas larger than 10 square feet requires professional or commercial applicators.

Directions for Use as a Preventative Treatment: Spraying and Mixing

Prior to application, thoroughly clean surfaces to remove loose existing dirt. Follow specific directions for surfaces listed on this label.

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Prepare a solution by adding the required amount of Heritage to $\frac{1}{2}$ the final volume of water in the spray container, mix thoroughly, and add the remaining $\frac{1}{2}$ volume of water to the container. Prepare no more mixture than is necessary for the immediate use.

To prepare a 0.1% spray solution, add 0.3 tablespoon or 0.9 teaspoon per gallon of water, or 2.6 fl oz of product per 10 gallons of water and mix thoroughly. Apply 1 gallon of solution per 250 to 800 square feet of application surface. See detailed instructions for each surface type. Volumes of water should be adjusted to deliver the proper amount of water for treatment of the surfaces listed below without excessive wetting or soaking. Conduct trial application with water alone to determine appropriate volume. During application, do not allow excessive soaking, saturation, dripping or run-off to occur. Evenly apply to the surfaces listed below.

Apply as needed for prevention of fungi, molds and mildews that cause odors, discoloration or staining, every 3 months as needed but not to exceed 4 applications per year to the same surface or area.

If the application is made in a large volume of water in enclosed spaces, that area should be dried as soon as possible to prevent conditions favorable to mold growth. To assist the drying process after cleaning, and application of this product use of fans, dehumidifiers, heaters or other methods of ventilation should be used. Please consult with your local county extension office or EPA, www.epa.gov/mold/moldresources.html for more information.

SPECIFIC DIRECTIONS FOR VARIOUS SURFACES

CARPET

Spot test an inconspicuous area of carpet with the prepared spray solution to insure dyes will not bleed or that staining will not occur.

Vacuum carpets thoroughly and discard vacuum cleaner bag in an outdoor trash container prior to spray treatment.

- **Broadcast treatment** using commercial carpet-cleaning equipment (e.g., carpet steamers, rotary jet extraction cleaners, pressure sprayers):
 - Mix in tank as described above. Evenly apply the prepared 0.1% solution over the carpet using 1 gallon of solution per 250 to 800 square feet. Conduct trial application with water alone to determine appropriate volume described in the Spraying and Mixing Section. Apply sufficient amount to dampen carpet. Do not soak, or allow dripping or run-off to occur. Any drips or run-off should be blotted dry with a disposable cloth or sponge. Allow carpet to dry before re-entry.

- Dry carpets within 24 hours to prevent conditions favorable to mold growth. To assist the drying process after cleaning and application of this product use of fans, dehumidifiers, heaters or other methods of ventilation should be used. Please consult with your local county extension office or EPA, www.epa.gov/mold/moldresources.html for more information.

- **Spot treatment:**
 - Use a pump sprayer with wand. Hold the end of the wand 4-6 inches from the surface, using smooth back and forth motions to cover the entire target area to ensure complete coverage, dampen but do not soak surface. Any drips or run-off should be blotted dry with a disposable cloth or sponge. Allow areas to dry before re-entry.

 - Dry carpets within 24 hours to prevent conditions favorable to mold growth. To assist the drying process after cleaning and application of this product use of fans, dehumidifiers, heaters or other methods of ventilation should be used. Please consult with your local county extension office or EPA, www.epa.gov/mold/moldresources.html for more information.

WOOD AND DRYWALL:

Apply to exposed and/or structural wood surfaces and drywall to prevent and control mold and mildew. Examples include exposed joists or subflooring in basements, crawlspaces, attics and garages, as well as exposed drywall or particleboard in same or similar areas. Heavily soiled areas must be precleaned prior to application. NOT for use in areas where food/feed items are present. Use a pump sprayer with wand. Hold the end of the wand 4-6 inches from the surface, using smooth back and forth motions to cover the entire target area to ensure complete coverage, dampen but do not soak surface. If soaking or drips do occur, blot dry with a disposable cloth or sponge. Allow areas to dry before re-entry.

Dry wood and drywall within 24 hours to prevent conditions favorable to mold growth. To assist the drying process after cleaning, and application of this product use of fans, dehumidifiers, heaters or other methods of ventilation should be used. Please consult with your local county extension office or EPA, www.epa.gov/mold/moldresources.html for more information.

HARD, NON-POROUS SURFACES:

This product is not for use in food/feed handling areas.

This product inhibits the growth of molds and mildews that cause odor, staining and discoloration on hard non-porous surfaces in areas such as bathrooms/restrooms, garbage storage areas, basements, and other areas prone to mold and mildew. Use Heritage in a pump sprayer as a spot treatment to treat the following surfaces: floors, walls, painted surfaces, metal surfaces, stainless steel surfaces, glazed ceramic tile, glazed porcelain, bathtubs and shower stalls made of fiberglass, plastic surfaces, vinyl surfaces; as well as Formica, granite, marble, or other polished stone surfaces. Spot test on an inconspicuous area before use. Remove visible dirt or soil prior to application. Use a pump sprayer with wand. Hold the end of the wand 4-6 inches from the surface, using smooth back and forth motions to cover the entire target area to ensure complete coverage, dampen but do not saturate surface. If drips do occur, dry with a disposable cloth, sponge or mop. Allow areas to dry before re-entry. Do not use in areas where food is prepared or stored.

MOLD REMEDIATION METHODS:

Strategies to respond to water damage within 24-48 hours are a key part of avoiding visible mold contamination due to water incursion. Use professional judgment, consult with local experts and/or refer to EPA guidance documents such as ("*Mold Remediation in Schools and Commercial Buildings*", www.epa.gov/mold/moldresources.html) for more information on how to cleanup after water damage.

Use this product in remediation situations according to the cleanup instructions that follow for the surface affected. After remediation is complete follow the directions for use. Remediation of moldy carpet is not recommended, moldy carpet and padding should be removed and discarded. Before applying this product visible mold growth must be removed and conditions favorable to mold growth must be identified and corrected.

Remediation is required in situations where visible mold growth has occurred or materials have been wet for more than 48 hours. If there is doubt, consult a professional. Even if materials are dried within 48 hours, mold growth may have occurred. Note that mold growth will not always occur after 48 hours; this is only a guideline. Always discard porous items that cannot be cleaned. Heritage is not for use in situations where materials have been wet for more than 7-days and/or visible mold growth cannot be cleaned from the surfaces. Use professional judgment, consult with local experts and/or refer to EPA guidance documents such as ("*Mold Remediation in Schools and Commercial Buildings*", www.epa.gov/mold/moldresources.html) for more information on remediating building materials with mold growth.

Small Areas – Total Surface affected is Less than 10 Square Feet

Remediation of areas larger than 10 square feet requires remediation and product application by professional or commercial applicators.

WOOD AND OTHER LISTED HARD, NON-POROUS SURFACES Cleanup Methods*

Prior to applying Heritage, clean the affected area using one of the following or another preferred professional method appropriate to this type of cleanup.

- Method 1: Wet vacuum (in the case of porous materials, some mold spores/fragments will remain in the material but will not grow if the material is completely dried).
- Method 2: Damp-wipe surfaces with plain water or use a wood floor cleaner; scrub as needed.
- Method 3: High-efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in a well-sealed plastic bag(s).

Minimum personal protective equipment to be worn during clean-up of areas with visible mold or mildew, 10 square feet or less, includes gloves, N-95 respirator and goggles/eye protection.

WALLBOARD (DRYWALL AND GYPSUM BOARD) Cleanup Methods*

Prior to applying Heritage, clean affected area using a HEPA vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in a well-sealed plastic bag(s).

Minimum personal protective equipment to be worn during clean-up of areas with visible mold or mildew, 10 square feet or less, includes glove, N-95 respirator and goggles/eye protection.

Directions for Use in Remediation

Spraying And Mixing

Prior to application, thoroughly clean surfaces to remove loose existing dirt. Follow specific directions for surfaces listed on this label.

Prepare a solution by adding the required amount of Heritage to $\frac{1}{2}$ the final volume of water in the spray container, mix thoroughly, and add the remaining $\frac{1}{2}$ volume of water to the container. Prepare no more mixture than is necessary for the immediate use.

To prepare a 0.1% spray solution, add 0.3 tablespoon or 0.9 teaspoon per gallon of water, or 2.6 fl oz of product per 10 gallons of water and mix thoroughly. Apply 1 gallon of solution per 250 to 800 square feet of application surface. See detailed instructions for each surface type. Volumes of water should be adjusted to deliver the proper

amount of water for treatment of the surfaces listed below without excessive wetting or soaking. Conduct trial application with water alone to determine appropriate volume. During application, do not allow excessive soaking, saturation, dripping or run-off to occur. Evenly apply to the surfaces listed below.

Apply as needed for remediation of molds and mildews than cause odors, discoloration or staining, but do not exceed 4 applications per year to the same surface or area.

If the application is made in a large volume of water in enclosed spaces, that area should be dried as soon as possible to prevent conditions favorable to mold growth. To assist the drying process after remediation and application of this product use of fans, dehumidifiers, heaters or other methods of ventilation should be used. Please consult with your local county extension office or EPA, www.epa.gov/mold/moldresources.html for more information.

SPECIFIC DIRECTIONS FOR VARIOUS SURFACES

CARPET

Remediation of moldy carpet is not recommended, moldy carpet and padding should be removed and discarded.

WOOD AND DRYWALL:

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Dry wood and drywall within 24 hours to prevent conditions favorable to mold growth. To assist the drying process after remediation and application of this product use of fans, dehumidifiers, heaters or other methods of ventilation should be used. Please consult with your local county extension office or EPA, www.epa.gov/mold/moldresources.html for more information.

HARD, NON-POROUS SURFACES:

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***Special Procedures:**

In the absence of access to the guidance and standard identified, the user should refer to the following information taken from the U.S. EPA's guide: "*Mold Remediation in Schools and Commercial Buildings (March 2001)*". These guidelines are designed to protect the health of occupants and cleanup personnel during remediation. These guidelines are based on the area and type of material affected by water damage and/or mold growth. Please note that these are guidelines; some professionals may prefer other cleaning methods. Use the appropriate remediation steps prior to application of Heritage. Remediation of areas with visible mold and mildew larger than 10 square feet requires product application by professional or commercial applicators.

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