

PM-31

Reg # 499-368

187

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



MAR 28 1996

Whitmire Research Laboratories, Inc.  
3568 Tree Court Industrial Blvd.  
St. Louis, Mo 63122

Attention: Mary Ellen Summers, Regulation Specialist  
Richard McCorkle, Agent

Subject: Whitmire PT 2000 Green-Shield Horticultural Algicide,  
Disinfectant & Fungicide  
EPA Registration No. 499-368  
Your Amendment Dated February 16, 1996

The amendment (adding farm-poultry premise disinfectant, food sanitizing & egg sanitizing claims) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the following labeling changes below before you release the product for shipment bearing the amended labeling.
  - a. Revise the referral statement to read: See side panel for additional precautionary statements.
  - b. Note that the Pesticide Disposal section must be revised to account for the larger size container you are proposing on this label. The current statement is reserved for containers of one gallon or less.
  - c. The two words: "...between plants..." must be deleted as per your previous amendments.
  - d. In the future legible readable labels must be submitted for our files. Microfilming of faxed copies produces poor readable documents.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

e. It is preferred that the term "prescription treatment" be deleted from the pesticide label. It may imply that the product is a drug of some kind.

f. Revise the statent: "Remove and wash contaminated clothing " to read:

"Wash thoroughly with soap and water after handling.  
Remove contaminated clothing and wash before reuse."

3. Our records have been adjusted to reflect your product name change:

OLD PRODUCT NAME: S.N.- 20

NEW PRODUCT NAME: Whitmire PT 2000 Green-Shield  
Horticultural Algicide, Disinfectant & Fungicide

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). A release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, contact V. Goncarovs at 703-305-6663.

Sincerely,

Marion Johnson  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (7505C)

Enclosures

397

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAR 28 1996

Under the Federal Insecticide,  
Fungicide and Rodenticide Act  
as amended for the pesticide  
registration under FIFRA, EPA has

499-368

**Whitmore** PT® 2000

# Green-Shield®

Horticultural Algicide, Disinfectant & Fungicide

**This Product is a Concentrate and Must be Diluted Before Using**

**ACTIVE INGREDIENTS:**

n-Alkyl (60%C14, 30%C16, 5%C12, 5%C18) dimethyl  
benzyl ammonium chloride ..... 10%  
n-Alkyl (68%C12, 32%C14) dimethyl ethylbenzyl ammonium  
chloride ..... 10%

**INERT INGREDIENTS:** ..... 80%

Total ..... 100%

EPA Reg. No. 499-368

EPA Est. No. 499-MD-1

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**STATEMENT OF PRACTICAL TREATMENT**

**IF IN EYES:** Flush eye with plenty of water for 15 minutes and call a physician.

**IF SWALLOWED:** Drink egg whites, gelatin solution or, if these are not available, drink large quantities of water. Call a physician.

**IF ON SKIN:** Flush skin with plenty of water for at least 15 minutes.

**IF ON CLOTHING:** Remove and wash all contaminated clothing before reuse.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

See side label for precautionary statements and use directions.

**NET CONTENTS: 30 GALLONS**

4077

ACCEPTED  
AND COMMENTS  
in EPA Letter Dated:

MAR 28 1996

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
499-368

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

**DANGER: Corrosive.** Harmful or fatal if swallowed. Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Remove and wash contaminated clothing.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.  
**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.  
**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and Local authorities, by burning. If burned stay out of smoke.

**LIMITATION OF LIABILITY**

Use only as directed. Buyer assumes all risks in using or handling this product in any way. WHITMIRE EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY. IN NO CASE SHALL WHITMIRE BE LIABLE FOR CONSEQUENTIAL, SPECIAL, INCIDENTAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. DAMAGES FROM THE USE OF THIS PRODUCT ARE EXPRESSLY LIMITED TO REPLACEMENT OF THE PRODUCT OR REFUND OF THE PURCHASE PRICE.

**A PRESCRIPTION TREATMENT\***  
Product from  
Whitmire Research Laboratories, Inc.  
3568 Tree Court Ind. Blvd.  
St. Louis, MO 63122  
800-325-3668  
Copyright, 1994

1B-2003-C 4/94

**BEST AVAILABLE COPY**

577

ACCEPTED  
AND COMMENTS  
By [unclear] [unclear]

MAR 28 1996

499-368

**DIRECTIONS FOR USE**

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

This product has been designed specifically for greenhouse and home use where cross contamination may occur between plants. Pre-clean all surfaces prior to application of disinfectant solution. All inanimate surfaces must be thoroughly wetted and remain wet for 10 minutes for disinfection. Fresh solution should be prepared daily and when use solution becomes visibly dirty.

It will help to control fungal, bacterial and viral plant pathogens, bacterial and fungal leaf rots, slime forming fungi, odor-causing bacteria and algae.

**FOR ORNAMENTAL HORTICULTURE**

**Work Area and Benches:**

Spray or swab working surfaces before each work period. Again after each plant is completed, to help control transfer of such diseases as root rot, crown rot, botrytis, downy mildew. USE: 1 Tablespoon of this product concentrate to 1 gallon water.

**Pots, Flats and Flower Buckets:**

Used pots and flats should be brushed or washed, then soak in this product solution for 10 minutes before using to help control transfer of such diseases as root and crown rots, anthracnose, mildew, rusts and blight. USE: 1 Tablespoon of this product per gallon water.

**Disinfecting Cutting Tools:**

Soak cutting edge of tool for 10 minutes in this product solution before use to help control transfer of such diseases as stem and root rots, Tobacco Mosaic Virus (TMV) and botrytis. Use wet tool on plants. At end of work, dry and oil tools. USE: 1 teaspoon of this product concentrate per quart of water.

**Algae - Greenhouse Glass:**

Spray or swab surfaces with this product. Allow to air dry. Wash off dead algae with water. Spray clean surfaces again with this product solution. USE: 1 teaspoon of this product concentrate per gallon water.

**Algae - Walkways:**

For heavy infestation, spray or swab. Let stand for an hour or more. Brush and wash away dead algae. Soak area again with this product. Do not rinse. This product will inhibit the growth of algae on walkways. Allow to dry on surface and repeat application when algae growth returns. USE: 1 Tablespoon of this product concentrate to 1 gallon water.

**Evaporative Coolers - Algae, Fungus, Odors:**

Controls algae, slime forming fungi on cooler pads and certain fungal plant pathogens that may carry over in the cooler, as well as bacterial odors. USE: 1 teaspoon of this product per 15 gallons water every other week.

**ALGICIDE FOR DECORATIVE POOLS, FOUNTAINS, AND WATER DISPLAYS**

NOTE: Do not use when fish are present. It may cause fish to suffocate and die.

**Applications For Decorative Pools**

**Initial Dosage:**

- 1 teaspoon of this product per 52 gallons of water (5 ppm\*).
- 1 ounce of this product per 312 gallons of water (5 ppm\*).
- 1 pint of this product per 5,000 gallons of water (5 ppm\*).
- 1 quart of this product per 10,000 gallons of water (5 ppm\*).

\* ppm - part per million active ingredients.

**Weekly Maintenance:** You will observe that this product created a few extra bubbles. Each week add not more than one half (1/2) the initial dosage. Or, add slowly until the permissible bubble level is obtained. Apply by hand or automatic proportioner. NOTE: When pool is to remain empty for several weeks or longer, spray all exposed surfaces with solution (1 ounce per 2 gallons of water). This will control the growth of algae.

**Applications For Fountains and Water Displays:**

**Initial Treatment:** Fountain operating, put a few drops at a time in water until slight patches of foam appear. Overdose reduces lighting efficiency.

**Each Week:** Add drops until slight foam reappears.

**Each Month:** Drain and clean bowl. Refill with fresh water and repeat initial treatment. Draining removes airborne dirt, dust, contamination and alkali buildup.

**BEST AVAILABLE COPY**

697  
ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAR 28 1996

499-368  
EPA  
U.S. Environmental Protection Agency  
Washington, D.C. 20460  
Registered under EPA Reg. No.

## SIDE PANEL

### SANITIZER: COMMERCIAL FOOD GRADE EGGS ONLY

To sanitize PREVIOUSLY CLEANED WHOLE FOOD GRADE EGG SHELLS (dirty, cracked or punctured eggs cannot be sanitized) in shell egg and egg processing plants intended for food or food products, spray with a solution of 1/2 ounce of product in 4 gallons of water (providing 200 ppm of active ingredient). The solution should be equal to or warmer than the eggs, but not to exceed 130 F. Wet eggs thoroughly and allow to drain. Eggs that have been sanitized with this product shall be subjected to a thorough potable water rinse only if they are to be immediately broken for use in the manufacture of egg products. Eggs should be reasonably dry before casing or breaking. The solution should not be reused for sanitizing eggs.

### SANITIZER: FOOD CONTACT SURFACES ONLY

For use in restaurants, dairies, and food processing plants. Remove all gross food particles and soil from areas which are to be sanitized with a routine pre-flush, pre-soak or pre-scrape treatment. Thoroughly pre-cleaned all surfaces with a detergent. Then rinse with a potable water prior to applying the sanitizing solution.

To sanitize pre-cleaned inanimate nonporous food contact surfaces, prepare a 200 ppm active solution by adding 1/2 ounce of this product to 4 gallons of water.

To sanitize immobile items such as counter tops, flood the area for at least 60 seconds, making sure to wet all surfaces completely. Remove, drain the use solution from the surface, and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

To sanitize mobile items such as drinking glasses, eating utensils, immerse the item for at least 60 seconds, making sure to immerse completely. Remove, drain the use solution from the surface, and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

### GENERAL PURPOSE DISINFECTANT

For use in food processing plants, dairies, restaurants, animal quarters, poultry and turkey farms, kennels and other nonmedical institutions to disinfect pre-cleaned inanimate hard nonporous surfaces such as floors and walls. Remove all gross filth or heavy soil and thoroughly clean the surfaces prior to application of the disinfectant solution. Prepare a disinfecting solution of 1 3/4 ounce per 5 gallons of water and apply with a mop, cloth or mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. Prepare a fresh solution daily or when solution becomes diluted or soiled.

SIDE PANEL

737  
ACCEPTED  
with COMMENTS  
by EPA Letter Date:

## POULTRY HOUSE DISINFECTANT

499-368  
MAR 28 1996

1. Remove all poultry and feeds from premises, trucks, coops and crates.
2. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
3. Empty all troughs, racks, and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate surfaces with the recommended disinfecting solution (1 3/4 ounce per 5 gallons of water) for a period of 10 minutes.
6. Ventilate buildings, coops and other closed spaces. Do not house poultry or employ equipment until treatment has absorbed, set or dried.
7. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

## FARM PREMISE DISINFECTANT

1. Remove all animals and feed from premises, vehicles and enclosures.
2. Remove all litter and manure from floors, walls and surfaces of barns, stables, stalls, pens,, chutes, kennels and other facilities and fixtures occupied or traversed by animals.
3. Empty all troughs, racks, and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate surfaces with the recommended disinfecting solution (1 3/4 ounce per 5 gallons of water) for a period of 10 minutes.
6. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
7. Ventilate buildings and other closed spaces. Do not house livestock or employ equipment until treatment has absorbed, set or dried.
8. Thoroughly scrub treated feed racks, troughs, mangers, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

**BEST AVAILABLE COPY**