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NOV 14 1984

Whitmire Research Labs, Inc.  
3568 Tree Ct. Industrial Blvd.  
St. Louis, MO 63122

Attention: Michael Sarli

Gentlemen:

Subject: Whitmire PT 500  
EPA Registration No. 499-74  
Your letter of October 22, 1984

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A) 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. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

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

Sincerely yours,

Timothy A. Gardner  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

Enclosure

RD:JCB-50319;GARDNER:RD-2;DA;KENDRICK:898-1270;11/01/84;del. 11/13/84

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CONCURRENCE

SYMBOL	SURNAME	DATE					

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FRONT PANEL

**PT 500  
ACTIVATED PYRETHRUM  
Insect Fogger**

A heavy duty, commercial formula insecticide for use in hospitals, restaurants, food plants, supermarkets, motels, hotels, utilities, homes, warehouses and other commercial buildings and agricultural operations such as dairy farms, poultry, swine and beef cattle operations, horses, barns and stables, and mushroom houses.

**ACTIVE INGREDIENTS:**

- Pyrethrins I & II . . . . . .500%
- \*Piperonyl Butoxide, Technical . . . . . 4.000%
- Refined Petroleum Oil . . . . . 8.000%
- INERT: . . . . .87.500%
- \*Equivalent to 3.2% (Butylcarbityl)(6-Propylpiperonyl)Ether and .8% of Related Compounds.

E.P.A. REG. NO. 499-74-AA  
E.P.A. EST. NO. 499-MO-1

KEEP OUT OF REACH OF CHILDREN (10 POINT TYPE)  
CAUTION (12 POINT TYPE)

**STATEMENT OF PRACTICAL TREATMENT**

If swallowed: Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally. Do not induce vomiting. Vomiting may cause aspiration pneumonia.  
If inhaled: Remove patient to fresh air. Apply artificial respiration if indicated.  
If on skin: Remove contaminated clothing and wash affected skin areas with soap and water. Get medical attention if irritation persists.

See side panel for additional precautionary statements.

NET WEIGHT: 15 LBS.

ACCEPTED  
NOV 15 1984  
499-74

Indian Meal Moth, Chocolate Moth, Mediterranean Flour Moth, Angoumois Grain Moth: Close all doors and windows. Direct spray into all parts of room especially around stored product containers, pallets, and darkened areas. Spray 5 to 10 seconds for each 1000 cubic feet of space. Keep area closed for 15 minutes following treatment. Repeat treatment weekly or as necessary. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose.

Bed Bugs: Spray mattresses, particularly around ruffs and seams. Take bed apart and spray into all joints. Treat base boards into cracks around molding, molding surfaces, and floors. Repeat treatment as necessary.

Roaches, Spiders, Water Bugs, Ants, Silver Fish, Crickets, Centipedes, Sow Bugs: Hold aerosol close to cracks and mist directly into them, contacting as many insects as possible. Apply freely in all possible hiding places behind baseboards, sinks, cabinets, coffee makers, meter boxes. Repeat all treatment as necessary.

DI INSTRUCTIONS FOR  
ADULT FLY CONTROL  
IN AGRICULTURAL OPERATIONS:

Dairy Farm Use: MILKING PARLOR AND MILK ROOM - Close all windows and doors. Spray at the rate of 1 to 2 seconds per 1000 cubic feet. If rooms cannot be closed tight, double the dosage. Stand in middle of room. Direct fog upward and spray in all directions. Seconds may be counted by saying one-thousand, two-thousand, etc. Keep room closed for 15 minutes after treatment. Example: A room 20 feet long, 12 feet wide, and 8 feet high requires 2 seconds if closed tight, 4 seconds if not. Do not remain in treated areas. Ventilate the area after treatment is completed. Cover milking utensils and milk to prevent contamination from spray and dead or falling insects.

ANIMAL USE - From approximately 2-foot distance, thoroughly spray entire animal as it is being released to pasture. Do not spray directly toward animal's eyes. Spot treat withers, shoulders, and back where saliva accumulates from head tossing.

STANCHION BARN USE - Walk behind animals and direct spray over backs allowing approximately 1 second per animal. For most effective results, apply each morning.

Poultry Operations: In poultry houses, close all windows and doors. Spray at the rate of 1 to 2 seconds per 1000 cubic feet. Keep area closed for 15 minutes following application. If area cannot be closed, double the dosage. Treat daily or as necessary.

Hog Operations: In hog houses, close all windows and doors. Spray at the rate of 1 to 2 seconds per 1000 cubic feet. Keep area closed for 15 minutes following application. If area cannot be closed, double the dosage. For animal application, direct spray over backs and spray for 1 to 2 seconds per hog. Repeat application daily or as necessary.

SIDE PANEL (CONT.)

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**Horse Barns and Stables:** In horse and pony barns, close all windows and doors. Spray at the rate of 1 to 2 seconds per 1000 cubic feet. Keep area closed for 15 minutes following application. If area cannot be closed, double the dosage. For animal application, lightly mist over the backs of horses and ponies from a distance of at least 2 feet. Do not spray directly towards horse's face or eyes. Repeat application daily or as necessary.

**Beef Cattle Operations:** In barns, close all windows and doors. Spray at the rate of 1 to 2 seconds per 1000 cubic feet. Keep area closed for 15 minutes following application. If area cannot be closed, double the dosage. For animal use thoroughly spray entire animal as it is being released to pasture. Repeat application daily or as necessary.

**PRECAUTIONARY STATEMENT**

**Hazards to Humans and  
Domestic Animals**

**CAUTION**

Do not remain in treated areas and ventilate the area after treatment is completed. Avoid breathing of vapor. Avoid contact with skin, eyes, or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Do not contaminate water, food, or food stuffs. Remove all pets and birds. Cover fish tanks or remove before spraying.

**Environmental Hazards:**

This product is toxic to fish and birds. Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

**Food Processing Areas Of Food Plants:** Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. When using this product as a space spray in these areas, apply only when the facility is not in operation. Except in federally inspected meat and poultry plants, careful crack and crevice application for inspection purposes is permissible at all times.

**Physical or Chemical Hazards:**

Contents under pressure. Do not puncture or incinerate container. Do not use or store near heat or open flame. Exposure to temperatures above 130°F. may cause bursting.

Do not spray on plastic, painted or varnished surfaces or directly into any electronic equipment such as radios, televisions, computers, etc.

Manufactured by Whitfield Research Laboratories, Inc., St. Louis, MO 63122

Only for Sale to, Use, and Storage by Servicepersons.

**SANITATION**

This is the first step and most important of any insect control program. Clean up all spilled foods, garbage, etc. Clean all surfaces. Scrub garbage cans so they do not give off odors (gas) that attract insects. Remove pets, birds and cover fish aquariums before spraying.

**SOME WAYS THAT INSECTS  
ARE ATTRACTED**

Flying insects have odor, heat and light sensors on their bodies. These act like radar and guide them to their food, warmth and shelter. Spilled food, garbage cans, cooking give off odors (gas) that insects lock on to and follow a great distance to the to the source.

**DIRECTIONS FOR USE**

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

(10 Point  
Type)

**STORAGE AND DISPOSAL:**

**Storage:** Store in a cool dry area away from heat or open flame and inaccessible to children.

**Disposal:** Replace cap, wrap in newspaper and discard in trash. Do not puncture or incinerate.

**Flying Insects:** Flies, mosquitoes, gnats, small flying moths, fruit flies, close all windows and doors and direct fog upward at a rate of 1 to 3 seconds per 1000 cubic feet. Fill room with mist. Disperse in all locations. Keep area closed for 15 minutes. Sweep up and destroy falled insects. Repeat treatment as necessary.

**Mud Dauber and Wasp Nests:** Spray mist directly on insects and their nests from approximately 2 foot distance. Contacted insects will fly away from fog. Applications should be made in late evening when insects are at rest. Spray into hiding and breeding places contacting as many insects as possible.

**Carpet Beetles, Drug Store Beetles, Cigarette Beetles, Confused Flour Beetles, Sawtoothed Grain Beetles, Granary Weevils, Rice Weevils, Red Flour Beetles, Grain Mites** in exposed adult and larvae stages. Contact as many insects as possible. Spray into cracks and crevices, processing and handling equipment, around cartons, and containers, and other areas where these insects tend to congregate. Spray 10 to 20 seconds per 1000 square feet of floor space. Repeat treatment weekly or as insects appear. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose.

**Fleas in Buildings:** Close windows and doors. Hold aerosol 36" above floor and direct spray toward floor and lower walls at a rate of 10 seconds per 1000 square feet, making sure that all floor, sofa and chair surfaces are contacted. Repeat treatments after 7 days, or as necessary.