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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 499-238	DATE OF ISSUANCE JAN 3 1985
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Whitnire P 12A X Clude	

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
 (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Whitnire Research Laboratories, Inc.
 3568 Tree Court Industrial Boulevard
 St. Louis, MO 63122

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 499-238" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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 constitutes acceptance of these conditions.

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

NOTE: Provide a specification sheet for the two glycerol monooleates and the sodium nitrite for our records.

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

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL  DATE 1-3-85

(Front Panel)

JAN 3 1986

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
499-238

Whitmire
PT 12A X-Clude
Dairy & Farm Insect Fogger
Microencapsulated
Time Release Pyrethrum
(show capsules)

Quick contact kill plus long residual kill & repellency.

Kills and Repels: Cockroaches, Ants, Crickets, Gnats, Silverfish, Firebrats, Fleas,
Ticks, Moths, Flies, Spiders, Beetles, Waterbugs, Centipedes, Horn Flies, House Flies,
Stable Flies

For Use In: Milkrooms, milking parlors, calf hutches, dairies, food processing plants,
food storage areas, meat packing plants, warehouses, residences, kennels, zoos, loafing
sheds, poultry and hog operations, horse barns and stables.

Active Ingredients:

Pyrethrins	0.300%
*Piperonyl Butoxide, Technical	2.200%
N-Octyl Bicycloheptene Dicarboximide	0.336%
Petroleum Distillate	1.209%
Inert Ingredients	95.955%

*Equivalent to 1.76% (butylcarbityl)(6-Propylpiperonyl) Ether and 0.088% of related
compounds.

EPA Reg. No. 499-
EPA Est. No. 499-MO-1
KEEP OUT OF REACH OF CHILDREN
CAUTION

12 pt. type
18 pt. type

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush eyes with plenty of water. Get medical attention if
irritation persists.

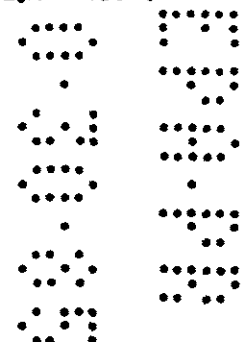
IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink one or two
glasses of water and induce vomiting by touching the back of the throat with finger.
Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to
an unconscious person.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

IF INHALED: Remove patient to fresh air. Apply artificial respiration if indicated.

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

Net Weight: 16 oz.



Side Panel

PT 12A X-CLUDE

SHAKE WELL BEFORE USING

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL: (12 pt. type)

Storage: Store in a cool dry place away from heat or open flame and inaccessible to children. Do not store below 32°F.

Container Disposal: Do not reuse empty container. Do not puncture or incinerate. Replace cap and discard in trash.

Pesticide Disposal: Securely wrap container in several layers of newspaper and discard in trash.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

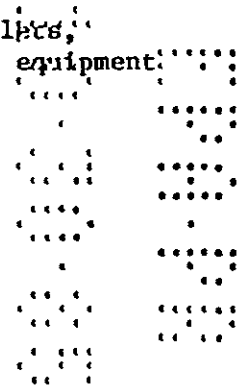
Avoid breathing of spray mist. Avoid contact with eyes, skin or clothing. In case of contact flush eyes or skin with water. Wash thoroughly after using and before smoking or eating. Avoid contamination of food, utensils and food preparation areas. Food should be removed or covered before treatment. All food contact surfaces and cooking utensils should be covered during treatment or thoroughly cleaned before using. Remove pets and birds and cover aquariums before using.

NOTICE TO APPLICATOR: When spraying large greenhouse ranges or when subject to extended inhalation exposure wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provision of CFR Part II.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and birds. Do not apply directly to water. Keep out of lakes, streams and ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL OR CHEMICAL HAZARDS: Contents under pressure. Do not puncture or incinerate. Do not use or store near open flame. Exposure to temperatures above 130°F may cause bursting. Do not store below 32°F.

Do not spray where electrical short circuits might result, such as wall outlets, conduits, motors, switches, etc. Do not spray directly into any electronic equipment, such as radios, televisions, computers, telephones, etc.



Side Panel (cont.):

PT 12A has demonstrated excellent plant safety; however, all varieties of the plants listed above have not been tested. When treating large numbers of plants of a single variety, spray a few plants and observe for phototoxicity prior to full scale application.

HOW TO USE WHITMIRE CRACK AND CREVICE INJECTION SYSTEM

Whitmire PT 12A may be used with injection tube for injecting into cracks and crevices where insects may be hiding, living and breeding. Place injection tip 1/2" into cracks, crevices, holes and other small openings where insects may be a problem. Release approximately one-second spray per spot. In serious infestation, if possible, place spots approximately 12" apart. In light infestation or preventative treatment place spots approximately three feet apart. In long running cracks, move the injector tip along the crack while spraying. Move at the rate of one linear foot per second in heavy infestations and three feet per second in light infestations. See the additional directions below for effective control of specified insects.

Cockroaches, Spiders, Waterbugs, Silverfish, Crickets, Firebrats: Make spot treatment and/or crack and crevice injections into hiding places such as cracks and crevices, moist areas, openings around pipes and sinks, under refrigerators, coffee makers, meter boxes and manholes. Direct spray on floors, walls, under pallets, behind shelves and drawers. Spray directly on insects in these locations where possible. Repeat as necessary.

Ants: Spray into trails, nests and points of entry around doors, book cases and storage areas. Spray directly on insects in these locations where possible.

Carpet Beetles: Make spray applications on and under edge of floor coverings, under carpets and furniture and in closets or other localities where these insects are found. Entire carpets may be treated. When treating entire carpets see directions under Fleas and Ticks. Repeat application as necessary.

Fleas and Ticks: Apply PT 12A to pet beds and resting quarters, adjacent cracks and crevices, baseboards, carpets and floor coverings, between and under cushions of upholstered furniture and other areas where pests may be present. Entire carpets may be treated. Thoroughly vacuum infected area to capture as many adult fleas as possible. Tightly seal vacuum bag and dispose. Applications to most surfaces should be as light as possible, approximately one 16 oz. can per 330 sq. ft. It may be necessary to use a higher volume of spray, approximately one 16 oz. can per 200 sq. ft., on long, dense shag carpets. Old bedding of pets should be replaced with clean, fresh bedding after treatment. Animals should not be sprayed with this product.

Flying Insects - Flies, Moths, Gnats: Close all windows and doors and direct fog upward at a rate of 5 to 8 seconds per 1,000 cubic feet. Disperse in all locations. Keep area closed for at least 15 minutes. Do not remain in treated area. Repeat application as is necessary.

Side Panel (cont.)

FOOD AREAS: Do not apply directly to food. In commercial food handling facilities, cover or remove any food and food processing equipment during application. When using this product as a space spray in food areas, do not apply while food processing is under way. Except in federally inspected meat and poultry plants, careful crack and crevice application for inspection purposes is permissible at all times. After space spraying in meat packing plants, bakeries, and other food processing plants, wash with potable water all equipment, benches, shelves, etc. where exposed food will be handled. All food processing surfaces should be covered during treatment or thoroughly washed before use.

OUTDOOR PESTS

Flies: Spray outside surfaces of screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, in garages, and other places where insects light or congregate. Repeat as necessary.

Ants, Crickets: For treatment of localized infestations of these insects in outdoor areas where there are weeds or brushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat applications as infestation warrant and as reinfestations occur.

USE IN AND AROUND LIVESTOCK HOUSING

For Fast Knockdown of Flying Insects:

Remove food and cover all food and milking utensils. Close milk bulk tank lids to prevent contamination from spray and dead or falling insects.

Close all windows and doors. Direct fog upward at a rate of 5-8 seconds per 1,000 cubic feet and spray in all directions. Try to contact as many insects directly with spray mist as possible. Ventilate the area after treatment is completed.

Do not apply to animals. Do not contaminate milk, food or drinking water.

For Residual Control of house Flies and Stable Flies in Dairy Areas, Milkrooms, Calf Hutches, Calving Pens and Parlors:

Treat normal fly resting areas such as ceilings, upper corners of the area, around windows and doors, light fixtures and other surfaces known to attract flies. Hold can one to two feet from target surface and apply at the rate of one 16 oz. can per 200-300 square feet of surface area.

Spray so as to lightly moisten the target surface. For best results begin treatments at the start of the fly season and repeat weekly during periods of heavy fly activity.

Manufactured by:
Whitmire Research Laboratories, Inc.
St. Louis, Missouri 63122

