

SEP 30 1986

Mr. Michael G. Sarli  
Whitmire Research Laboratories, Inc.  
3568 Tree Court Industrial Boulevard  
St. Louis, MO 63122

Dear Mr. Sarli:

Subject: Amendment - Add Greenhouse Ornamentals  
Whitmire PT 265A Knox Out  
EPA Registration No. 499-228  
Your Application Dated November 11, 1985

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable 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. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
  - a. Make the changes requested in paragraphs 2 and 3 of our letter of October 22, 1985.
  - b. Add "Vacate patient rooms and school rooms before treatment. Allow spray deposits to dry thoroughly before the room is reoccupied" to the Directions for Use.
  - c. Please identify the ornamental plant "Virvia."
  - d. Change "30 CFR Part II" to "30 CFR Part 11" [Eleven].

For this product, application can be allowed to patient room areas, but the rooms should be vacated during treatment. The same would apply to schools. The entire school need not be unoccupied, but the area to be treated should be.

86120:Newkirk:LR-13:KENCO:6/26/86:7/9/86:eg:LMF

CONCURRENCES

		CONCURRENCES						
SYMBOL ▶								
SURNAME ▶	Newkirk							
DATE ▶	7-2-86							

3. 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 section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767C)

Enclosure

FRONT PANEL:

DRAFT LABEL (11/1/85)

Only for Sale to, Use and Storage by Servicepersons

PT 265A KNOX OUT®

MICRO ENCAPSULATED

DIAZINON

**KILLS:** Cockroaches, Crickets, Silverfish, Ants, Carpenter Ants, Aphids, Spider Mites, Whiteflies, Mealybugs, Lacebugs, Boxelder Bugs, Sowbugs, Centipedes, Firebrats, Southern Army Worm, Fungus Gnat Larvae, Mexican Bean Beetle Larvae, Leaf Miners, Scale Insects and Thrips

For use in hospitals, supermarkets, motels, hotels, homes, transportation equipment (buses, boats, ships, trains, trucks, planes), utilities, meat packing and food processing plants, food storage areas, and restaurants and other food handling establishments, schools, warehouses, and other commercial buildings.

For Use In: Homes, Apartments, Stores, Hospitals and Nursing Homes (non-patient room areas), Manufacturing Plants, Warehouses, Schools, Restaurants, Hotels, Motels, Food Processing Plants and on vessels, aircraft, boats, ships, rail cars, buses, trucks and trailers, in Greenhouses, on Plant Scapes and for Ornamental Insect Control.

Apply Directly to Foliage, Flowers or Ornamentals: African Violets, Agapanthus, Ageratum, Aluminum Plant, Alyssum, Arrowhead, Azalea, Begonia, Bird's Nest Fern, Blue Spruce, Boston Fern, Bottlebrush, Cactus, Calendula, Camelia, Carnations, Celosia Jewel Box, Chrysanthemum, Cockscomb, Coleus, Cotoneaster, Crape Myrtle, Croton, Daisy, Dianthus, Dogwood, Dusty Miller, Dwarf Lilac, Escallonia, Euonymus, Flat Topped Sedum, Floss Flower, Friendship Plant, Gardenia, Gazania, Geranium, Golddust, Honeysuckle, Hydrangea, Ilex, Impatiens, Ivy, Jade Plant (Crassula), Japanese Arelia, Juniper, Leucothoe, Lilac, Malus, Maranta, Marigold, Mock Orange, Mugho Pine, Nandina, Oleander, Orchid, Osmanthus, Pachysandra, Periwinkle, Petunia, Pfitzer Juniper, Photinia, Pineapple Guava, Pittosporum, Podocarpus, Primrose, Privet, Pyracantha, Raphiolepis, Rhododendron, Rose, Salvia, Sansevieria, Scarlet Sage, Snake Plant, Snapdragon, Soft Maple, Spider Plant, Star Jasmine, Strawflower, Swedish Ivy, Tahitian Bridal Veil, Velvet Plant (Gynura), Verbena, Virvia, Wandering Jew, Wax Plant, Zinnia

Do not use on Neanthe Bella Palm, Dracaena, Hoya, Maidenhair Fern, Heath, Poinsettia and Prayer Plant.

REGISTERED  
with COMMERCE  
EPA Reg. No. 499-228

EP 20 1936

Manufactured by  
EPA Reg. No. 499-228

499-228

FRONT PAGE (cont.)

ACTIVE INGREDIENT:

Diazinon, O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)  
phosphorothioate 1.0%

INERT INGREDIENTS: 99.0%

Knox-Out is Reg. TM Pennwalt Corp.

EPA Reg. No. 499-228

EPA Est. 499-MO-1

KEEP OUT OF REACH OF CHILDREN - to be 12 pt. type

CAUTION - to be 18 pt. type

STATEMENT OF PRACTICAL TREATMENT

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.

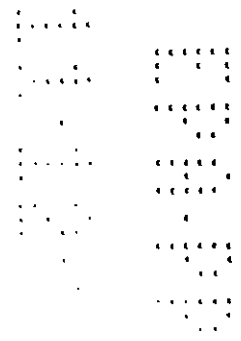
IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

IF ON EYES: Flush eyes with plenty of water. Get medical attention immediately.

NOT TO PHYSICIAN: If symptoms of cholinesterase inhibition are present, atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET WEIGHT: 16 oz.



SIDE PANEL:

PT 265A KNOX OUT MICROENCAPSULATED DIAZINON

DIRECTIONS FOR USE

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

**STORAGE & DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal.  
**STORAGE:** Store in a cool dry area away from heat or open flame and inaccessible to children.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Replace cap and discard container in trash, sanitary landfill or by other approved state and local procedures. Do not incinerate or puncture.

SHAKE WELL BEFORE USE

HOW TO USE WHITMIRE CRACK & CREVICE INJECTION EQUIPMENT:

Do not use as an indoor space spray. See additional directions for Greenhouse and Outdoor Use. Whitmire's PT 265A Knox Out is for use indoor, only with injection tube and for injecting into cracks and crevices where insects may be hiding, living, and breeding. Place injector tip 1/2" into cracks, crevices, holes and other small openings where insects may be a problem. Release approx. 1 second spray per spot. In serious infestation, if possible, place spots approx. 12" apart. In light infestation or preventive treatment place spots approx. 3 ft. apart. In long running cracks, move the injector tip along the crack while spraying. Move at the rate of 1 linear foot per second in heavy infestations and 3 ft. per second in light infestations. See the additional directions below for effective control of specified insects.

INDOOR PESTS

**CRAWLING INSECTS:** Cockroaches (waterbugs), crickets Spray into hiding places such as cracks and crevices, moist areas, openings around pipes and sinks, under refrigerators, behind baseboards, coffee makers, meter boxes, and manholes. Spray directly on insects in these locations where possible. Repeat as necessary.

**SILVERFISH:** Spray cracks and crevices in baseboards, door frames, bookcases, and storage areas. Spray directly on insects in these locations where possible. Repeat as necessary.

SIDE PANEL (CONT.):

ANTS: Spray into trails, nests, and points of entry around doors, windows, structural cracks and crevices. Spray directly on insects in these locations where possible. Repeat as necessary.

Localized treatment of wood-destroying insects: CARPENTER ANTS. Locate source of infestation. Inject 5-10 seconds spray into insect tunnels and cavities. Seal entrance openings with small pieces of stainless steel wool after spray application.

APPLICATIONS IN FOOD HANDLING ESTABLISHMENTS: Places other than private residences in which food is held, processed, prepared, or served.

FOOD AREAS - APPLICATION LIMITED TO CRACK AND CREVICE TREATMENT ONLY: Include areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Servicing areas (when food is exposed and facility is in operation) also would be considered a food area.

Apply in small amounts directly into cracks and crevices using injection tube in points between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls equipment legs and bases where insects hide. Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces.

APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD-HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

OUTDOOR PESTS

FLIES: For outdoor use only as an aid in reducing annoyance from these insects. 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 these insects alight 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 infestations warrant and as reinfestations occur.

SIDE PANEL (cont.)

ORNAMENTAL PLANTS AND GREENHOUSE INDOOR PLANTSCAPING: Indoors. Greenhouse preapplication directions: For best results, apply at end of work day. Shut off all outside exhaust fans. Close windows, doors and ventilators.

APPLICATION DIRECTIONS

Dosage: Apply 5 - 10 seconds per 100 square feet.

Light Infested Areas

Spray direction path 5 seconds per 100 square feet.

Heavy Infested Areas

Spray direction serpentine path 10 seconds per 100 square feet.

Dosage based on 2 foot high plants. Lower or higher dosage should be given based on height of foliage. Move can in a fast sweeping motion to provide maximum coverage maintaining a distance of 18 to 24 inches away from foliage.

Spot treatment - for individual plants and localized infestations: Spot treat at a rate of 10 seconds per 100 square feet. Apply as insects begin to appear. Repeat application as necessary.

ORNAMENTAL PLANTS (OUTDOORS): Protect outdoor plants when spraying, keep can 18 - 24 inches from plant. For best results, spray in evening or on a cloudy day when air is still. Use slow sweeping motion. Avoid wetting foliage with spray. Spray rows at the rate of one foot per second. For heavy growth, spray row on both sides. Repeat when necessary. Spray with caution on growing plants and new growth.

PRECAUTIONARY STATEMENT  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

May cause eye irritation. Harmful if swallowed or inhaled. May be absorbed through the skin. Avoid breathing of spray mist and provide adequate ventilation of area being treated. Avoid contact with skin, eyes, or clothing.

Wash thoroughly after using and before smoking or eating.

Avoid contamination of food, utensils, and food preparation areas.

Keep children and pets off treated areas until spray has dried.

