

PM 10 499

1045

MAY 22 1991

Mr. Michael G. Sarli
Whitmire Research Laboratories, Inc.
3568 Tree Court Industrial Boulevard
St. Louis, MO 63122-6620

Dear Mr. Sarli:

Subject: Revised Label
Whitmire X-Clude™ PT® 1600R
EPA Registration No. 499-244
Your Submission Dated March 23, 1990

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

As new labels are prepared, add "Contains sodium nitrite" as a footnote to the ingredient statement.

Sincerely yours,

RFM
Richard F. Mountfort
Product Manager (10)
Insecticide-Rodenticide Branch
Registration Division (N7505C)

Enclosure

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62497: I, A-4, Mountfort, L10-4, KEVTRIC, 05/17/91, 06/13/91, CL, WO, BW
CONCURRENCES

SYMBOL							
SURNAME							
DATE							

ACCEPTED
with COMMENTS
in EPA Letter Dated
MAY 22 1991

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the Pesticide
Registered under EPA Reg. No.
499-244

MAY BE RESOLD
X-CLUDE™
Encapsulated
Pyrethrum
PT® 1600R

Time Release Insecticide
Greenhouse & Foliage Spray

FOR USE INDOOR AND OUTDOOR: Florists, Garden Centers, Greenhouses, Hobby Greenhouses, Homes, Interiorscapes, Landscapes and Nurseries.

Kills and Repels: Ants, Aphids, Beetles (Aster Beetles, Blister Beetles, Cigarette Beetles, Colorado Potato Beetles, Cucumber Beetles, Drugstore Beetles, Flea Beetles, Japanese Beetles, Rose Chafers, Trogaderma, Watermelon Beetles, Weevils) Caterpillars (Cabbage Worms, Rose Slugs, Hornworms) Centipedes, Cockroaches, Crickets, Flies, Fungus Gnats, Gnats, House Flies, Leafhoppers, Mealy Bugs, Moths, Rose Aphids, Scales, Spider Mites, Spiders, Stable Flies, Stink Bugs, Tarnished Plant Bugs, and White Flies.

May be used on: Potted and Flowering Plants, Foliage, Bedding Plants, Cut Flowers and Ornamentals

ACTIVE INGREDIENTS:

Pyrethrins	0.100Z
*Piperonyl Butoxide, Technical	0.730Z
N-Octyl Bicycloheptene Dicarboximide	0.110Z

INERT INGREDIENTS: 99.060Z

*Equivalent to 0.584 (butylcarbityl) (6-Propylpiperonyl) Ether and 0.146 of related compounds.

EPA Reg. No. 499-244 EPA Est. No. 499-MO-1

KEEP OUT OF REACH OF CHILDREN
CAUTION

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.

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Side Panel

**X-CLUDE™ TIMED RELEASE PYRETHRUM
SHAKE WELL BEFORE USING
SPRAYS IN ANY POSITION**

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

CAUTION: Avoid breathing 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 in such a way as to prevent contamination before treatment. All food surfaces must be washed with an effective compound followed by a potable water rinse before use after treatment.

Remove pets and birds and cover aquariums before using.

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.

SPECIAL NOTICE: Do not use PT® 1600R in greenhouses with unvented or defective gas heating systems or when open combustions exists.

PT® 1600R has demonstrated excellent plant safety; however, before treating large numbers of plants, spray a few plants and observe for phytotoxicity prior to full scale application.

**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.

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Side Panel (cont.):

**INDOORS: FLORISTS, GARDEN CENTERS,
GREENHOUSES, HOBBY GREENHOUSES, HOMES,
INTERIORSCAPES**

For light infestations treat at five seconds per 100 square feet. For heavy infestations treat at ten 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: Spray light mist on upper and lower leaf surfaces at a distance of 18 to 24 inches away from foliage. Avoid wetting foliage with spray. Repeat application as necessary.

**OUTDOORS: LANDSCAPES, NURSERIES,
ORNAMENTAL PLANTS, SHRUBS**

For best results, spray when air is still. Use slow sweeping motion, holding the can 18 to 24 inches from plant. Avoid wetting foliage with spray. Spray rows at the rate of one foot per second. For heavy growth spray on both sides. Repeat when necessary.

**FOR USE INDOORS AND OUTDOORS ON,
BUT NOT LIMITED TO:**

African Violets, Agapanthus, Ageratum, Aluminum Plant, Alyssum, Arrowhead, Aster, Azalea, Begonia, Bird's Nest Fern, Blue Spruce, Boston Fern, Bottlebrush, Cactus, Calendula, Camelia, Carnations, Celosia Jewel Box, Chrysanthemum, Cockscomb, Coleus, Cotoneaster, Grape Myrtle, Croton, Dahlia, Daisy, Dianthus, Dogwood, Dusty Miller, Dwarf Lilac, Escalonia, Euonymus, Flat Topped Sedum, Floss Flower, Friendship Plant, Gardenia, Gazinia, Geranium, Golddust, Honeysuckle, Hydrangea, Ilex, Impatiens, Ivy, Jade Plant (Crassula), Japanese Arelia, Juniper, Leucothoe, Lilac, Malus, Maranta, Marigold, Mock Orange, Mugho Pine, Nandia, Oleander, Orchid, Ornamental Evergreens, 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, Sweet Pea, Tahitian Bridal Veil, Velvet Plant (Gynura), Verbena, Virvia, Wandering Jew, Wax Plant, Zinnia.

DO NOT USE ON: Cyclamen, Nasturtium or food plants.

RESIDENTIAL - INDOOR PESTS

Cockroaches, Spiders, Silverfish, Crickets, Firebrats: Make spot treatment. 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 and storage areas. Spray directly on insects in these locations where possible.

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.

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Side Panel (cont.):

RESIDENTIAL - 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.

STORAGE AND DISPOSAL:

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.

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Whitmire Research Laboratories, Inc.
St. Louis, Missouri 63122

Tradename Pending

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