

LABEL #18-1400 Rev. 12-83

Whitmire PT[®] 1400 Sumithrin[®]

ACCEPTED
with COMMENTS
to EPA Letter, Dated

FEB 18 1984



PT 1400 (Sumithrin) is a broad spectrum synthetic pyrethroid.

USE DIRECTIONS

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

STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage or disposal.

Storage: Store in a cool area away from heat or open flame.

Pesticide Disposal: Pesticides that cannot be used according to label instructions must be disposed of according to applicable Federal, state, or local procedures.

Container Disposal: Replace cap and discard empty container in trash, burn, or by other approved state and local procedures. Do not incinerate or puncture.

INDOORS (Ornamental plants)
Greenhouse preapplication directions:

For best results, apply at end of workday, shut off all outside exhaust fans, close windows, doors, ventilators. If greenhouse cannot be closed tightly, use higher spray dosage.

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499-209

PT[®] 1400 Sumithrin[®]

APPLICATION DIRECTIONS

Dosage: Apply 9-10 seconds per 100 sq. ft.

LIGHT INFESTED AREAS



Spray direction path 5 seconds per 100 sq. ft.

HEAVY INFESTED AREAS



Spray direction-Spiral Path 10 seconds per 100 sq. ft.

Dosage based on 2 ft. high plants. Lower or higher dosage should be given based on height of foliage. Hold spray gun lower than foliage and angle spray up. Aim so that the spray particles are driven under the plant leaves. Move gun 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 sq. ft. Apply as insects begin to appear. Repeat application as necessary.

OUTDOORS (Ornamental plants)

To protect outdoor ornamentals 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. Do not spray when temperatures exceed 90°F.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: MAY CAUSE EYE DAMAGE AND SKIN IRRITATION. Harmful if swallowed, inhaled, or absorbed through skin. Do not get in eyes, on skin, or on clothing. Wear goggles or safety glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Remove pets, birds, and cover fish aquariums before spraying.

NOTICE TO APPLICATOR: When spraying large greenhouse ranges or when subject to extended inhalation exposure wear a pesticide respirator (only 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 provisions of 30 CFR Part II).

Environmental Hazards: This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

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

SPECIAL NOTICE: Good greenhouse management must override the use of PT 1400 when any conditions might be created by tightly closing greenhouses that would harm plant foliage or flowers. Example: creation of high temperature or humidity conditions. Do not use PT 1400 in greenhouses with unvented or defective gas heating systems or when open combustion exists.

No foliage damage was observed with PT 1400 on plants listed on front panel. Before treating large areas of uninfested foliage, spray a few plants and observe several days for plant sensitivity or damage.

Whitmire Research Laboratories, Inc., St. Louis, MO 63122
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Indoor and Outdoor Spray for Greenhouse and Ornamental Insect Control

KILLS: Aphids, Spider Mites, Whiteflies, Mealybugs, Lacebugs, Caterpillars, Boulder Bugs, Scalebugs, Coccinellids, Fleas, Cichlids, Striped Army Worm Larvae, Mexican Bean Beetle Larvae, and Ants.

APPLY DIRECTLY TO FOLIAGE, FLOWERS, OR ORNAMENTALS: Aloe, Begonia, Cereus, Christmas Cactus, Mosses in the Cradle, Ornamental Peppers, Peonies, Sansevieria, Cactus, Gardenia, Cranes, Shrimp Plant, Velvet Leaf, Pinks, Dill Plant, Chlorophytum, Air Plant, Impatiens, Chrysanthemums, Snapdragon, Moss Roses, Petunias, Agrostis, Peony, Climbing Rose, Wild Grape, Ornamental Crab Apple, Paper, Honey-suckle, Snowball, Spirea, Anthony Wandering, Mock Orange, Dwarf Lilac, Salt Maple, Mugo Pine, Pfitzer Juniper, Blue Spruce, Geraniums, Carnations, Calceol, Dusty Miller, Boston Fern, Philodendron, Papyrus, Swedish Ivy, Asparagus Fern, Wandering Jew.

ACTIVE INGREDIENTS:

*3-Phenylbenzyl d-cis and trans** 2,2-dimethyl-3-(2-methylpropenyl) cyclopropane carboxylate	8.48%
*Others isomers	0.82%
N-ethyl bicycloheptane dicarbonyl amide	5.00%
INERT INGREDIENTS:	84.50%

*d-(cis trans) Phenanthrene
**cis/trans isomer ratio: Max 75% (±) cis, 75% (±) trans

EPA Reg. No. 499-209 EPA Est. No. 499-MO-1

Keep out of reach of children

DANGER

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Do not induce vomiting because of aspiration hazard. Get medical attention.
If in eyes: Flush with plenty of water. Get medical attention.
If on skin: Wash with plenty of soap and water.
If inhaled: Remove patient to fresh air. Apply artificial respiration if breathing has stopped.

See side panel for additional precautionary statements

Sumithrin is a Registered trademark of Sumitomo Chemical Company

NET WT. 15 LBS.

Only for Sale to, Use and Storage by Commercial Growers

NO HAZARD

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

Dear Mr. Sarli:

Subject: Whitmire PT 1400
EPA Registration No. 499-209
~~Your letter of January 9, 1984~~

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.

Sincerely yours,

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