

Yellow

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301/362952
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Ms. Patricia A. Samuel
Roussel Bio Corporation
P.O. Box 1077
400 Sylvan Avenue
Englewood Cliffs, NJ 07632

Dear Ms. Samuel:

Subject: Amendment - Update Labeling
Perimeter 57% MF
EPA Registration No. 432-711
Your Application Dated April 3, 1990

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes indicated below prior to release for shipment of product bearing the amended labeling.

1. In accordance with comment #1 of our January 29, 1990 letter, please revise the first paragraph on page 2 of the draft label to read as follows:

This product is effective for reducing mosquito annoyance and the control of mosquitoes that may transmit diseases such as La Crosse Encephalitis, Dog Heartworm, Denque Fever and Western Encephalitis. Apply product with mist blower buffalo turbine, backpack power or hand pressure sprayer. Do not allow spray treatment to drift on pasture land, crop land, poultry ranges or water supplies. Do not use on crops used for food, forage or pasture. Under no condition should open water be treated with this product. Normal use pattern etc.

2. As indicated in comment #3 of our last letter, specific directions are needed for application by air similar to the extent of the directions for ground applications. Thus, either expand the application instructions for aircraft application of ultra low volumes or delete them. Rates of application, volume of application, method of application and equipment used must be given on the product label.

Richards

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Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

Sincerely yours,

George T. LaRocca
Product Manager 15
Insecticide-Rodenticide Branch
Registration Division (H7505C)

contains 5 lb./gal. Pramex (599 g/L)

A SYNTHETIC PYRETHROID INSECTICIDE FOR EFFECTIVE CONTROL AND REPELLENCY OF ADULT MOSQUITOES

For Application Only by
Also For Use Against Midges (Biting and Non-Biting) *Deerflies* and other biting insects. *To Be Applied By Mosquito Abatement District, Public Health Officials, and Trained Personnel Engaged in Mosquito Control Programs*

Also to be used for control of tent caterpillars and gypsy moths by qualified applicators.

ACTIVE INGREDIENTS:

*† Permethrin (3-Phenoxyphenyl)methyl (±) cis, trans-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate 57.00%w/w

INERT INGREDIENTS:* 43.00%

100.00%w/w

**Contains Petroleum Distillates*

*Cis/trans isomers ratio: min. 35%(±)cis and max. 65%(±)trans.
†U.S. Patent No. 4,024,163.
*Penick-Bio 'JCLAF's Pramex® brand of permethrin insecticide.
Penick-Bio UCLAF Corp., 1050 Wall Street West, Lyndhurst, N.J. 07071

PRECAUCION AL CONSUMIDOR: Si usted no lee ingles no use este producto hasta que la etiqueta le haya sido explicada ampliamente.
(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

432-711

CAUTION
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND STATEMENT OF PRACTICAL TREATMENT

EPA Est.: See Lot No. For Correlation

EPA Reg. No. 432-711

G 42545-MO-1

H 5905 AR-1

NET CONTENTS: Gallons(Liters)

LOT NO.

PENICK-BIO UCLAF CORPORATION



P.O. Box 9059 1050 Wall Street West, Lyndhurst, New Jersey 07071 USA

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed or absorbed through skin. Avoid contact with skin and clothing. Wash thoroughly after handling.

STATEMENT OF PRACTICAL TREATMENT

If swallowed, call a physician or Poison Control Center. Do not induce vomiting. If inhaled, get fresh air immediately. If on skin, wash with soap and water. Aspirin may be a hazard.

ENVIRONMENTAL HAZARD

This product is extremely toxic to fish. Do not contaminate waterways. Keep out of lakes, streams or ponds. Use only as specified on the label.

PHYSICAL OR CHEMICAL HAZARD

Do not use or store near heat or open flame. Flashpoint minimum 100°F.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with the label.

STORAGE & DISPOSAL

Do not contaminate food, feed or water by storage or disposal. **STORAGE:** Do not store at temperatures below 40°F (4.5°C). At temperatures below 40°F (4.5°C), there may be precipitation. Warm to 80°F (26.5°C) and thoroughly mix before using. DO NOT REUSE CONTAINER. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper mixing, or rinsate is a violation of Federal Law. If these wastes are not disposed according to label instructions, contact your State Pesticide or Hazardous Waste representative at the nearest EPA Regional Office. **CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then recycle or puncture and dispose of in a sanitary landfill, or by other procedures as required by local authorities.

Use this product for local treatment of the perimeter of residential facilities, parks and recreational areas to prevent mosquito annoyance.

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~~Abatement Districts and Other Trained Personnel Engaged in Mosquito Control Programs.~~

Otherwise, apply this product only as specified on this label.

Normal Use Pattern of Product requires a Residual Application on Plant and Other Surfaces where Mosquitoes may rest. Product commonly provides sustained control in wooded areas lasting from 8 days in areas exposed to light, to 14 days in densely shaded areas. Secondary Activity of Product is through Repellency. Apply Product by Ground Application Equipment such as mist blower, *by ULV equipment, by power backpack or hand pressure sprayer.* NOT TO BE USED WITHIN 100 FEET

(30 meters) OF LAKES AND STREAMS. To Kill or Repel Mosquitoes, Midges, deerflies

other biting flies mix one part of this product to 5.5 parts of an oil mixture, respectively. The Oil-Mixture is obtained by mixing one part of soybean oil to two parts of mineral oil. SPRAY THE INSECTICIDE-OIL MIXTURE at 1.25 Fl.Oz./Acre (1,245 ml/Ha) or when walking at a speed of 2 MPH (3.2 KmPH) over a swath of 50 feet (15.2 m) treating 0.202 Acres/Minute, 3.5 Fl.Oz. (104 ml) per Minute. This is equivalent to 0.1 lb. of Praxex a.i./Acre (112 g a.i./Ha).

Apply the product with sufficient carrier to allow distribution over the area to be treated using particle sizes from 35-200 microns mmd.

To obtain optimum results, cover the immediate surroundings of housing, buildings including plant surfaces where mosquitoes may rest. FOR LARGE RECREATIONAL AREAS SUCH AS FOOTBALL FIELDS, STADIUMS, RACETRACKS, AND PUBLIC PARKS, ALSO SPRAY THE INSECTICIDE-OIL MIXTURE AT THE ABOVE MENTIONED APPLICATION RATE ON THE INTERFACE OF WOODS SURROUNDING THE MAIN AREA WHERE THE PUBLIC EVENT IS TO TAKE PLACE.

infesting woodland and forest areas

To Kill Gypsy Moths and Tentcaterpillars, Apply *the Insecticide-Oil Mixture (as described above)* directly to insect nests and vegetation by Backpack Applicator using 3.5 Fl.Oz./Acre (3,112 ml. per Ha). At a Walking Speed of 2 MPH (3.2 KmPH) over a swath of 50 feet (15.2 m) treating 0.202 Acres/Minute, apply 8.8 Fl. Oz. (263 ml/Minute). This is equivalent to 0.25 lb. of Praxex a.i./Acre (280 g a.i./Ha). *Apply thoroughly to all pi foliage and insect nests.*

WARRANTY STATEMENT

Our recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such of the results to be obtained if not used in accordance with directions or established safe practice.

The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

PERMIMETER 57% MF
EPA REG. NO. 432-711

Revisions to label as per G. La Rocca's letter dated: January 29, 1990; Application dated September 25, 1986

1. This pesticide is highly toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marches and potholes). Drift and runoff from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.
2. Do not allow spray treatment to drift on pasture land, cropland, poultry ranges or water supplies. Do not use on crops used for food, forage or pasture. Under no condition should open water be treated with this product.
3. The use of specifically DESIGNED AIRCRAFT capable of applying ULTRA LOW VOLUMES of finished product may be considered necessary when conducted at the discretion of Public Health Officials, Mosquito Abatement Districts and other trained personnel engaged in OUTDOOR Mosquito & Biting Fly control programs when these insects threaten to become a public health hazard.

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