

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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MAR 09 1992

Barbara J. Varner
Regulatory Affairs
Unicorn Laboratories
1000 118th Avenue North
St. Petersburg, Florida 33716

Subject: Unicorn Rotenone Dip
EPA Reg. No. 28293-153
Your letter of June 21, 1991

Dear Ms. Varner:

The final printed 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,

Phil Hutton, PM 18
Insecticide/Rodenticide Branch
Registration Division H7505C

CONCURRENCES

SYMBOL	117505C							
SURNAME	Hutton							
DATE	5/3/92							

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: May be fatal if swallowed. Harmful if absorbed through skin. Causes skin irritation. May cause substantial but temporary eye injury. Wear safety glasses. Do not get in eyes, on skin, or on clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Statement of Practical Treatment

IF SWALLOWED: Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available, drink large quantities of water. Avoid alcohol. Do not induce vomiting. This product contains aromatic petroleum solvent. Aspiration may be a hazard.

IF IN EYES

OR ON SKIN: Flush with plenty of water. Get medical attention if irritation persists.

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.

Physical and Chemical Hazards

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME. Flash Point minimum 120°F (48.9°C).

DIRECTIONS FOR USE

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

For use on ornamental and flowering plants such as poplar, linden, dogwood, willow, birch, boxelder, maple, oak, elm, pine, spruce, cedar, yew, spirea, rose, lilac, zinnia, aster, petunia, geranium, dahlia, gladiolus, phlox, sweet pea, marigold, carnation, chrysanthemum, and rose, mist this product with water as described in the following chart. Use hand or automatic sprayer as a coarse spray. Use sufficient spray mix to give complete coverage of the plant. Do not apply this product within one day of collection. Repeat every 5-10 days or as needed. Keep diluted spray away from light.

PESTS	VOLUME OF PRODUCT/GALLON OF WATER (3.79L)
Aphids, Leafhoppers, Exposed Thrips	1 teaspoon (5 ml)
Oblique-banded Leaf Rollers, Sawfly larvae, Boxelder bugs, Japanese beetles, Elm leaf beetle larvae, Mites, Lygus bugs, Lace bugs, Greenhouse Whiteflies, Stink bugs, Garden Fleahoppers, Greenhouse Leafhoppers	2 teaspoons (10 ml)
Cucumber beetles, Rose chafers, Ants, Aster beetles Flea beetles	4 teaspoons (20 ml)

**UNICORN
ROTEMONE DIP**

**EMULSIFIABLE PYRETHRUM-ROTEMONE
PLANT & ANIMAL INSECTICIDE**

Contains 0.08 lb/gal (9.9 g/L) of Rotenone
and 0.06 lb/gal (7.2 g/L) of Pyrethrins

ACTIVE INGREDIENTS:

Rotenone.....	1.1%	w/w
Other Cube Extractives.....	2.2%	
Pyrethrins.....	0.8%	

INERT INGREDIENTS:..... 95.9%
100.0% w/w

KEEP OUT OF REACH OF CHILDREN

WARNING

**See Side/Back Panel for Additional Precautionary Statements
and Statement of Practical Treatment**

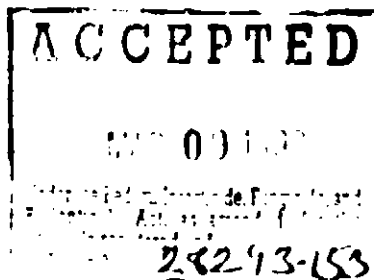
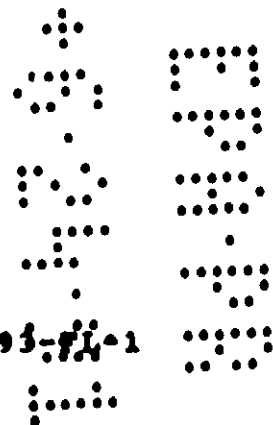
NET CONTENTS: 1 GALLON

MANUFACTURED BY:

Unicorn Laboratories
1002 118th Avenue North
St. Petersburg, Florida 33716

EPA REG. NO. 28293-153(E:4/30/91)

EPA EST. NO. 28293-FL-1



For use on vegetable plants such as peas, bean, beet, cucumber, squash, muskmelon, potato, tomato, cabbage, spinach, lettuce, celery, asparagus, pepper, eggplant, onion, carrot and corn: Mix with water as described in the following chart. Use hand or automatic sprayer as a coarse spray. Use sufficient spray mix to give complete coverage of the plants. Do not apply this product within one day of harvest. Repeat every 5-10 days or as needed. Keep diluted spray away from light.

PESTS	VOLUME OF PRODUCT/GALLON OF WATER (3.79L)
Aphids, Leafhoppers, Exposed Thrips	1 teaspoon (5 ml)
Cabbage, Worms, Bean Beetles, Beet Webworms, Sod Webworms, Asparagus Beetles, Japanese Beetles, Lygus Bugs, Whiteflies, Garden Fleahoppers, Harlequin Bugs, Oblique-banded Leaf Rollers, Stink Bugs, Celery Leaf-tiers, Melon Worms, Tortoise Beetles, Garden Webworms, Alfalfa Webworms, and Mites	2 teaspoons (10 ml)
Cucumber Beetles, Flea Beetles, Vegetable Weevils, Squash Bugs (nymphs), Squash Vine Borers, European Corn Borers- 3 to 4 applications or more as eggs start to hatch and repeated at 5 to 7 day intervals.	4 teaspoons (20 ml)

For use on fruits and berries such as apple, pear, peach, plum, cherry, grape, current, gooseberry, raspberry, blackberry, strawberry and blueberry, consult the following chart. Use sufficient spray mix to give complete coverage of the plants. Do not apply this product within one day of harvest. Repeat every 5 to 10 days or as needed. Keep diluted spray away from light.

PESTS	VOLUME OF PRODUCT/GALLON OF WATER (3.79L)
Aphids, Leafhoppers, Exposed Thrips	1 teaspoon (5 ml)
Imported Currant Worms, Gooseberry Fruit Worms, Raspberry, Fruit Worms, Blueberry Maggots, Cherry Fruit Flies, Strawberry Root Worms (adult), Red-necked Borers, Japanese beetles and Mites	2 teaspoons (10 ml)
Strawberry Leaf Rollers and Rose Chafer	4 teaspoons (20 ml)

TO KILL FLEAS, TICKS AND LICE ON DOGS, CATS AND PREMISES: (KEEP DILUTED SPRAY AWAY FROM LIGHT).

ON DOGS: DO NOT USE MORE THAN 1 FLUID OUNCE (2 Tbsp.) (30 ml) PER GALLON (3.79 L) ON PUPPIES.

For Fleas and Lice, dilute Unicorn insecticide at the rate of 1 fluid ounce (2 Tbsp) (30 ml) per 1 gallon (3.79 L) of water. [For young animals, use 1/2 fluid ounce (1 Tbsp.) (15 ml) per 1 gallon (3.79 L) of water]. Apply directly to animal as a spray, sponge-on or a wash. Dip until animal's skin is wet. Do not rinse.

For Ticks, dilute Unicorn insecticide at the rate of 2 fluid ounces (4 Tbsp.) (60 ml) per 1 gallon (3.79 L) of water. [For young animals, use 1 fluid ounce (2 Tbsp.) (30 ml) per 1 gallon (3.79 L) of water]. Apply directly to animal as a spray, sponge-on or a wash. Dip until animal's skin is wet. Do not rinse.

Avoid contact with eyes, nose or mouth of animal. To prevent reinfestation, thoroughly spray the animal's living quarters with Unicorn insecticide.

ON CATS: DO NOT USE ON YOUNG KITTENS. ON ADULT ANIMALS, DO NOT USE MORE THAN 1 FLUID OUNCE (2 Tbsp.) (30 ml) PER GALLON (3.79 L).

For Fleas, Ticks and Lice, dilute Unicorn insecticide at the rate of 1 fluid ounce (2 Tbsp.) (30 ml) per gallon (3.79 L) of water. Apply directly to animal as a spray, sponge on or a wash. Dip until animal's skin is wet. Do not rinse.

Avoid contact with eyes, nose or mouth of animal. To prevent reinfestation, thoroughly spray the animal's living quarters with Unicorn insecticide.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: For Containers 1 Gallon and Under, Store product in original container in a locked storage area.

PESTICIDE DISPOSAL: For Containers Over 1 Gallon: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: For Containers 1 Gallon and Under: Do not reuse empty container. Wrap container and put in trash.

For Containers Over 1 Gallon: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

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 or 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.

