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Frankland makes 1386-949

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CYGON* 2-E

Systemic Insecticide

Controls Pests on Ornamental plants as listed. Controls Houseflies.



Active Ingredient:

Dimethoate [0.0-dimethyl S-{N-methylcarbamoylmethyl) phosphorodithicate] 24.2%

Inert Ingredients 75.8%

Contains 2 pounds cimethoate per gallon. *Trademark of American Cyanamid Co., Wayne, N.J.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel for Additional Precautionary Statements.



PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or Inhaled. Concentrated material causes eye irritation. Avoid breathing vapors or spray mist. Use only with adequate ven-titation. Avoid contact with skin or eyes. Wash thoroughly after handling. Do not contaminate feed and foodstutts.

STATEMENT OF PRACTICAL TREATMENT

If in eyes, flush with plenty of water for at least 15 minutes. Get medical attention. If on skin, wash affected areas with soop and water. If inhaled, remove victim to fresh air. Apply respiration if indicated.

NOTE TO PHYSICIAN—This product, upon repeated, prolonged use, may cause cholinesterase Inhibition. Atropine is antidotal.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to wildlife and aquatic invertebrates. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

This pesticide is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds are visiting the treatment area. Protective information may be obtained from your Cooperative Agricultural Extension Service.

PHYSICAL OR CHEMICAL HAZARDS Keep away from heat, sparks and open flame.

DIRECTIONS FOR USE

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

This product is intended for ground application only.

The following protective clothing must be worn during application:

- 1. Impermeable gloves (for example rubber or plastic covered reinforced gloves.
- Boots or boot covers.
- Long-sleeved shirt and long pants.
- Wide-brimmed hat.

FOR USE ON ORNAMENTAL PLANTS CYGON 2-E Insecticide is effective generally in controlling aphias, thrips,

leaf miners, scale insects, leafhoppers and mites on certain ornamental plants. Apply sprays uniformly and thoroughly to toliage, except as otherwise stated, when insects first appear, or when damage is first observed. and repeat applications as needed. Do not over dose or over spray. Use only on the ornamental plants listed.

PEST CONTROLLED Use 1 leaspoonful in 1 quart of water to control the insects on th

107.7	ornamental plants listed below:
Arborvilce	Aphlas, bagworms, miles
Cecor	Miles
Doylilles .	Aphids, thrips
Euonymus	Aphids, scale
kis .	Aphids, iris borer, thrips (for borer control, spray when new leaves are 5 to 6 inches tall.)
Juniper	Aphids, booworms, midges, mites
Oak	
Pine	Aphids, bagwarns, European pine shoot math, Nan- tucket pine tip moth, Zimmerman pine moth
laxus (upright or	Fielcher scale, meoly bugs, miles
	postul in 1 august of water to control the terrests as the

plet to control the insects on the

Azaleas (outdoor piants)	ornamental plants listed below:
	Lace bugs, leaf miners, miles, lea scale, white files
Cameltias	Aphlds, camelilla scole, mites, tea scale [Folior Spray: Apply 2 sprays, 6 weeks open the first year, foliowed by annual applications soon after first growth begins in the spring. Soil Drench: Apply as a soil drench around the base of plants in early spring at the rate of 4 tablespoonsfuls in 1 gallon of water per plant up to 6 feet tall, increase rate proportionately for larger plants.]
Cornations	Aphids, thrips, miles (Soil Drench: Apply as a soil drench at the rate of 4 fluid cunces per 500 sq. ft. of bed or bench (5 qt. per ½ ocre) in sufficient water for even distribution. Water in thoroughly after application.)
Cyperus	Socira moth lovoe (Apply at a drenching spray.)
Boxwood	Leaf miners, mealy bugs, miles (For leaf miners, apply in spring, when leaf miner tiles first appear, or in early summer for control of lance in the in- fested legives.)
Gardenias	lea scale, white flies
Gerberos	Dvips

PLANTS	PESTS CONTROLLED
Gladiolus	Aphlas, tivips
Poinsettia (outdoor piants)	Mites, white flies, megly bugs, aphias
Ficus nitida (outdoor plants)	Thrips (Do not use on potted plants)
Holly (English and American) not Burlard variety	Leaf miners, mites, soft scale (for leaf miners, apply in spring when leaf miner files first appear; or in early summer, for control of laryce in the infested leaves.)
Hemlock	Mites, scole
Roses (outdoor plants)	Aphlas, leathoppers, mites, thrips
	in 1 quart of water to control the insects on the plants listed below:
Birch	Aphids, leaf miners (For leaf miners, apply when leaves are expanded, about mid-May, and repeat in early

July.] NOTE: Yz leaspoonfut in 1 quart is equivalent to 1 pint in 50 gallons of water.

1 teaspoonfut in 1 quart is equivalent to 1 quart in 50 gallons of water.

CONTROL OF HOUSEFLIES

RESIDUAL SPRAY-To control houseflies in dairy barns, hog pens, call barns, loafing sheds, poultry houses, and other farm outbuildings, apply a 1 percent residual spray to ceilings, walls, stanchions, and other surof 1 percent residuous spray to ceillings, water, statements, and other surfaces on which files congregate or rest. Prepare the spray by mixing a gallon in 25 gollons of water (1 pt. in 3 gol.). Apply the spray to wet uniformly all flyresting areas to the point of run-off. One gallon of spray will cover 500 to 1,000 sq. ft. of walt or ceiling surface. Repeat applications as necessary.

Remove dairy animals, caives under one month of again and poultry from bulldings when applying residual sprays.

SPOT SPRAY—To control houseflies in localized areas, 13,21/1 a spray made by mixing ½ plnt in 5 quarts of water (3-½ flosp, in 1 dl.) to surfaces around doorways and windows, in alleyways and feed rooms, and to other spots frequented by files. Repeat as necessary.

GOOD SANITATION IS A NECESSARY PART OF ANY EFFECTIVE FLY CONTROL PROGRAM.

MAGGOT SPRAY—To control housely maggots, mix 1/2 (xin) in S quarts of water (1 qt. in 5 gat.) and apply as a coarse spray or with a sprinkling can, , , , to fly-breeding media, such as poultry droppings in coared layer houses, , garbage dumps, or manure piles. Repeat applications as additional, , , . manure or garbage is added.

OUTSIDE SPRAY—To control houseflies dround home corectainness, animal quarters, food processing plants, warehouses, loading docks, and refuse areas, thoroughly spray exposed surfaces, such as walls, fences, garbage cans, and refuse containers, with 1 pint in 3 gallons of water (2-1% lbsp. in 1 quart). Repeat as necessary.

DO NOT CONTAMINATE FEED OR FOODSTUFFS, DRINKING FOUNTAINS, FEED IROUGHS, AND LITTER, DO NOT USE IN MILK PROCESSING ROOMS, MILK HOUSES, AND MILK STORAGE ROOMS, DO NOT USE IN HOMES.

STORAGE AND DISPOSAL

STORAGE: Store product in original container and in a locked storage area, Do not store where temperature may be below 32°F. Do not store with or near feed or food products.

PESTICIDE DISPOSAL: Securely wrap original container In several layers of newspaper and dispard in trash.

CONTAINER DISPOSAL: Do not reuse empty bottle. Rinse thoroughly before discarding in trash.

WARRANTY AND LIMITATION OF DAMAGES

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assume the risk of any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing with a specific reference to this warranty, in no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

The use of the within contained material for systemically protecting tiving plants is covered by Patent No. 3,210,242. The selling price includes a royalty for the right of any purchaser of said material to practice the methods claimed in said patent. A nontransferable license under said patent may be obtained from American Cyanamid Company on current royalty terms whatever the source of material used.

EPA Reg. No. 1386-449 EPA Est. No. 1386-OH-1 Product 259 Net Contents: 1 Gallon

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UNIVERSAL COOPERATIVES, INC., MINNEAPOLIS, MN 55440