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PRATT CYGON 2-E SYSTEMIC INSECTICIDE

Controls Insects . Mites on Ornamental Plants (as listed)

ACTIVE INGREDIENT

Dimethoate (o,c-dimethyl s-[N-methylcarbamoylmethyl]

phosphorodithioate.....23.4%

INERT INGREDIENTS.....76.6%

TOTAL.....100.0%

1 pint contains 4 oz. of dimethoate

EPA Reg. No. 904-179

EPA Est. No. 72-PA-1

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

THIS PRODUCT CONTAINS AROMATIC PETROLEUM SOLVENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Do not induce vomiting. Gastric lavage is indicated if taken internally. Do not give anything by mouth to an unconscious person. IF INHALED: Remove victim to fresh air. IF ON SKIN: Remove contaminated clothing. Wash affected area with soap and water. Launder clothing before reusing. IF IN EYES: Flush with plenty of water. Get medical attention. NOTE TO PHYSICIAN: Dimethoate may cause cholinestrase inhibition. Atropine is antidotal. 2 PAM may be an effective adjunct to atropine.

See side panel for additional warnings.

ACCEPTED with COMMENTS in EPA Letter Dated:

NET CONTENT: 8 OUNCE
1 PINT
1 QUART
1 GALLON
5 GALLONS

SEP 3 1983

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

904-179

PRATT-GABRIEL DIVISION
MILLER CHEMICAL & FERTILIZER CORPORATION
Hanover, Pennsylvania 17331/An Alco Standard Company

(FRONT PANEL OF LABEL FOR 1 GALLON AND 5 GALLONS)

"ONLY FOR SALE TO, USE AND STORAGE BY SERVICE PERSONS"

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PRECAUTIONARY STATEMENT

HAZARD TO HUMANS AND DOMESTIC ANIMALS: WARNING: Harmful or fatal if swallowed or absorbed through the skin. May cause irritation of eyes, nose, skin and throat. Avoid contact with eyes and skin. Avoid breathing vapor or spray mist. Keep pets and children out of treated areas until spray dries. ENVIRONMENTAL HAZARDS: Birds and other wildlife feeding on treated areas may be killed. Keep out of any body of water. Do not apply where runoff is likely to occur or when weather conditions favor drift from areas treated. Highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service. CHEMICAL HAZARD: Do not use, pour or store near heat or open flame. DO NOT ALLOW TO FREEZE.

Required Clothing and Equipment for Applicator (5 oz., 1 pt., 1 qt.):
(a) Impermeable gloves (rubber or plastic covered reinforced gloves).
(b) Boots or boot covers. (c) Long-sleeved shirt and long pants. (d) Wide-brimmed hat.

Required Clothing and Equipment for Applicator (1 gal., 5 gals.):
(a) Impermeable gloves (rubber or plastic covered reinforced gloves).
(b) Boots or boot covers. (c) Long-sleeved shirt and long pants. (d) Wide-brimmed hat. (e) Respirators must be worn by flagger and mixer/loader.

USE DIRECTIONS

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

STORAGE AND DISPOSAL (5 oz., 1 pt., 1 qt.)

Store this product in its closed, original container in a safe place away from children and domestic animals. Do not contaminate water, food or feed by storage or disposal. Do not reuse empty container. For disposal, securely wrap original container in several layers of newspaper and discard in trash, or at an approved waste disposal facility.

STORAGE AND DISPOSAL (1 gal., 5 gals.)

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Store in a safe place away from children and domestic animals. Keep pesticides in original, tightly closed containers. PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinseate 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 your nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: 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 or local authorities. Plastic containers may be incinerated or burned, if allowed by state and local authorities. If burned, stay out of smoke.

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OUTDOOR ORNAMENTAL PLANTS

CYGON 2-E is generally effective in controlling aphids, thrips, leaf miners, scales, leafhoppers and mites. Make adequate spray when pests appear or when damage is first observed. Do not overdo or overspray. For proper timing of treatments for the control of specific pests on ornamental plants, consult your state agricultural experiment station or state agricultural extension service.

Do not use on ornamental plants not listed. Do not use on any ornamental stock plants grown as a source of propagation material, such as cuttings, layers, root stocks or scions for grafting or budding. Do not use in spray mixtures containing oil. Do not use on plants growing in greenhouses.

The uses listed below are foliar sprays unless otherwise indicated.

ORNAMENTAL PLANTS OUTDOOR PLANTS ONLY	PEST CONTROLLED	TEA- SPOONFUL PER 1/2 GAL. WATER	TABLE- SPOONFUL PER 3 GALS. WATER
Azaleas	Leaf Bugs Leaf Miners Mites Yeast Scale White Flies	Foliar Spray Apply 2 sprays 6 weeks apart the first year followed by annual application soon after first growth begins in the Spring	2
Camellias	Aphids Camellia Scale Yeast Scale	Soil Drench Apply Cygon 2-E as a soil drench around the base of plants in early spring at the rate of 4 tablespoonful per 1 gallon of water per plant up to 6 feet tall; increase this rate proportionately for larger plants	
Roses	Leafhoppers Thrips		
Birch	Aphids Leaf Miners	1/2 For leaf miners, apply when leaves are expanded (about mid-May) and repeat in early July	1
Boxwood	Leaf Miners Mealy Bugs Mites	1 For leaf miners, apply in spring when leaf miner flies first appear or in early summer for control of larvae in the infested leaves	2
Glabrius	Aphids Thrips	1	2
Hemlock	Mites Scale	1	2
Euonymus	Aphids Scale	1	2
Pine Juniper	Mites Aphids Bagworms European Pine Shoot Moth Nantucket Pine Tip Moth Zimmerman Pine Moth	2	4

1 TBSP / 3 GALS = 1 FINT / 100 GALS

ADDITIONAL USE DIRECTIONS (1 gal., 5 gals.)

HOUSEFLY CONTROL

Residual Wall Sprays

For the control of houseflies, including resistant strains, in dairy barns, hog pens, calf barns, poultry houses and other farm buildings, apply a 1% residual spray to the ceilings, walls, stanchions, etc. Prepare the spray by mixing 1 pint of CYGON 2-E in 3 gallons of water. Thoroughly wet all fly resting areas to the point of runoff. One gallon of spray will cover 500 to 1,000 square feet of surface. Repeat applications should be made when necessary.

Remove all animals from buildings when applying residual wall sprays.

Spot Sprays

For localized housefly control, apply a spray containing 1/2 pint of CYGON 2-E in 5 quarts of water with a knapsack or similar type sprayer to areas frequented by flies, such as doorways, air and window screens.

Repeat applications should be made when necessary. Good sanitation is a necessary part of any effective fly control program.

Maggot Sprays

For the control of housefly maggots, mix 1/2 pint of CYGON 2-E in 5 quarts of water and apply as a coarse spray or with a sprinkling can to fly breeding areas, such as poultry droppings in caged layer houses, garbage dumps and manure piles.

Repeat application as additional manure or garbage is added.

General Outside Use

For the control of houseflies around homes and recreation areas, garbage cans, animal quarters, food processing plants, warehouses, loading docks and refuse areas, thoroughly spray exposed surfaces, such as walls, fences, garbage and refuse containers with 1 pint of CYGON 2-E in 3 gallons of water.

Repeat applications should be made when necessary.

CYGON 2-E IS ACCEPTABLE FOR USE AS A RESIDUAL TYPE INSECTICIDE IN AND AROUND FEDERALLY INSPECTED MEAT PACKING PLANTS EXCEPT WHERE MEAT FOOD PRODUCTS ARE PROCESSED OR HANDLED.

Do not use in the edible products area of food processing plants, restaurants or other areas where food is commercially processed. Do not use in service areas where food is exposed. DO NOT CONTAMINATE FEED AND FOOD STUFFS, DRINKING FOUNTAINS, LITTER AND FEED TROUGHES. DO NOT USE IN MILK PROCESSING ROOMS, INCLUDING MILK HOUSES AND MILK STORAGE ROOMS. DO NOT USE IN HOMES.

The use of the within contained material for systemically preventing fly pest 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 non-exclusive license under said patent may be obtained from American Cyanamid Company on different royalty terms, where the source of material is used.

LIMITED WARRANTY: BUYER ASSUMES ALL RISKS OF USE, STORAGE AND HANDLING OF THIS MATERIAL NOT IN STRICT ACCORDANCE WITH DIRECTIONS GIVEN HEREWITH.