

ACCEPTED
APR 16 1996
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 1386-449

CYGON* 2-E

Systemic Insecticide

Controls Pests on Ornamental plants as listed. Controls Houseflies.



Active Ingredient:

Dimethoate [O,O-dimethyl S-(N-methyl-carbamoylmethyl) phosphorodithioate]	24.2%
Inert Ingredients	75.8%
Total	100.0%

Contains 2 pounds dimethoate 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 ventilation. Avoid contact with skin or eyes. Wash thoroughly after handling. Do not contaminate feed and foodstuffs.

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 soap 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 if bees 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

It 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).
2. Boots or boot covers.
3. Long-sleeved shirt and long pants.
4. Wide-brimmed hat.

FOR USE ON ORNAMENTAL PLANTS

CYGON 2-E Insecticide is effective generally in controlling aphids, thrips, leaf miners, scale insects, leafhoppers and mites on certain ornamental plants. Apply sprays uniformly and thoroughly to foliage, 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.

PLANTS	PEST CONTROLLED
Use 1 teaspoonful in 1 quart of water to control the insects on the ornamental plants listed below:	
Arbutus	Aphids, bagworms, mites
Cedar	Mites
Daylilies	Aphids, thrips
Euonymus	Aphids, scale
Kiss	Aphids, iris borer, thrips (For borer control, spray when new leaves are 5 to 6 inches tall.)
Juniper	Aphids, bagworms, midges, mites
Oak	Golden oak scale
Pine	Aphids, bagworms, European pine shoot moth, Nanucket pine tip moth, Zimmerman pine moth
Taxus (upright or spreading yew)	Fletcher scale, mealy bugs, mites
Use 1/2 teaspoonful in 1 quart of water to control the insects on the ornamental plants listed below:	
Azaleas (outdoor plants)	Leaf bugs, leaf miners, mites, tea scale, white flies
Camelias	Aphids, camellia scale, mites, tea scale (Foliar Spray: Apply 2 sprays, 6 weeks apart the first year, followed 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 tablespoons in 1 gallon of water per plant up to 6 feet tall. Increase rate proportionately for larger plants.)
Camellions	Aphids, thrips, mites (Soil Drench: Apply as a soil drench at the rate of 4 fluid ounces per 500 sq. ft. of bed or bench (5 qt. per 1/2 acre) in sufficient water for even distribution. Water in thoroughly after application.)
Cyperus	Beetle moth larvae (Apply as a drenching spray.)
Boxwood	Leaf miners, mealy bugs, mites (For leaf miners, apply in spring, when leaf miner flies first appear, or in early summer for control of larvae in the infested leaves.)
Gardenias	Tea scale, white flies
Gerberas	Thrips

PLANTS	PESTS CONTROLLED
Gladiolus	Aphids, thrips
Poinsettia (outdoor plants)	Mites, white flies, mealy bugs, aphids
Ficus nitida (outdoor plants)	Thrips (Do not use on potted plants)
Holly (English and American) not Burford variety	Leaf miners, mites, soft scale (For leaf miners, apply in spring when leaf miner flies first appear, or in early summer, for control of larvae in the infested leaves.)
Hamlock	Mites, scale
Roses (outdoor plants)	Aphids, leafhoppers, mites, thrips
Use 1/4 teaspoonful 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: 1/2 teaspoonful in 1 quart is equivalent to 1 pint in 50 gallons of water.
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CONTROL OF HOUSEFLIES

RESIDUAL SPRAY—To control houseflies in dairy barns, hog pens, calf barns, loafing sheds, poultry houses, and other farm outbuildings, apply a 1 percent residual spray to ceilings, walls, stanchions, and other surfaces on which flies congregated or rest. Prepare the spray by mixing 1 gallon in 25 gallons of water (1 pt. in 3 gal.). Apply the spray to wet uniformly all fly-resting areas to the point of run-off. One gallon of spray will cover 500 to 1,000 sq. ft. of wall or ceiling surface. Repeat applications as necessary.

Remove dairy animals, calves under one month of age, and poultry from buildings when applying residual sprays.

SPOT SPRAY—To control houseflies in localized areas, use a spray made by mixing 1/2 pint in 5 quarts of water (3 1/2 tsp. in 1 qt.) to surfaces around doorways and windows, in alleyways and feed rooms, and to other spots frequented by flies. Repeat as necessary.

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

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

