

ACCEPTED

OCT 29 1986

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 1356-44

CYGON* 2-E

Systemic Insecticide

Controls Pests on Ornamental plants as
listed. Controls Houseflies.



Active ingredient
Cyfluthrin (2-E) 5.0% (a.i.)
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Manufactured by Dow Chemical Company, Midland, Texas 79701

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel for Additional Precautionary Statements



PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Irritant 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 victims 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 birds and other wildlife. Keep out of lakes, streams, or ponds. Do not apply to areas where run-off is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is highly toxic to bees exposed to direct treatment or to residues on plants. 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.

Required Clothing and Equipment for Application—All applicators, including homeowners, flaggers, and all personnel involved with the mixing, loading, and transferring operations must wear the protective clothing and equipment enumerated below. Pilots are exempt from this requirement. The protective clothing and equipment to be worn is as follows: impermeable gloves (for example, rubber or plastic covered reinforced gloves), boots or boot covers, long-sleeved shirt and long pants, and wide brimmed hat. Respirators must be worn by flaggers and mixer/loaders.

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	
Azaleas	Aphids, bagworms, mites
Cedar	Mites
Daylilies	Aphids, thrips
Eucalyptus	Aphids, scale
Iris	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, Nantucket pine tip moth, Zimmerman pine moth
Taxus (upright or spreading yew)	Fletcher scale, mealy bugs, mites

PLANTS	PEST CONTROLLED
Use 1/2 teaspoonful in 1 quart of water to control the insects on the ornamental plants listed below	
Azaleas (outdoor plants)	Loose 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 tablespoonfuls in 1 gallon of water per plant up to 6 feet tall. Increase rate proportionately for larger plants.)
Carnations	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	Bactra 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.)
Hemlock	Mites, scale
Roses (outdoor plants)	Aphids, leafhoppers, mites, thrips Use 1/2 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
1 teaspoonful 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, calf barns, loading 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, apply a spray made by mixing 1/2 pint in 5 quarts of water (3 1/4 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.

OUTSIDE SPRAY—To control houseflies around home and recreation areas, 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 3/4 tsp. in 1 quart). Repeat as necessary. DO NOT CONTAMINATE FEED OR FOODSTUFFS, DRINKING FOUNTAINS, FEED TROUGHS, 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 discard 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 assumes 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 living 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.

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