



CYGON^{*} 2-E

SYSTEMIC INSECTICIDE

AVISO

AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you)

EPA Reg. No. 241-82-AA

EPA Est. No. 241-NJ-2



Active Ingredient:	
Dimethoate (O,O-dimethyl S-(N-methylcarbamoylmethyl) phosphorodithioate)	23.4%
Inert Ingredients	76.6%
(1 gallon contains 2 pounds of Dimethoate)	
CONTROLS HOUSEFLIES AND INSECTS AND MITES ON ORNAMENTAL PLANTS	
WARNING!	
KEEP OUT OF REACH OF CHILDREN	
See Side Panel For Antidote and Other Warnings	

trademark

Net Contents: 5 Gallons	24659-05	D 53
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WARNI. .!

**HARMFUL OR FATAL IF SWALLOWED • VAPOR HARMFUL
CONCENTRATED MATERIAL CAUSES EYE IRRITATION
COMBUSTIBLE LIQUID AND VAPOR**

Avoid breathing vapor or spray mist. Wash thoroughly after handling.
Use only with adequate ventilation. Do not contaminate food or feed products.
Avoid contact with skin and eyes. Do not use, pour, spill or store near heat or flame.

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 are as follows:

- Impermeable gloves (for example, rubber or plastic covered reinforced gloves.)
- Boots or boot covers.
- Long-sleeved shirt and long pants.
- Wide-brimmed hat.
- Respirators must be worn by flaggers and mixer/loaders.

First Aid: In case of contact with eyes, flush eyes with plenty of water for at least 15 minutes; get medical attention.

NOTE TO PHYSICIANS: This product may cause cholinesterase inhibition. Atropine is antidotal.

Pralidoxime chloride (2-PAM; PROTOPAM chloride) may be effective as an adjunct to atropine. Use according to label directions.

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. Apply this product only as specified on this label.

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.

DO NOT STORE BELOW FREEZING TEMPERATURES

DISCLAIMER

The label instructions for the use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the use or application of the product contrary to label instructions, all of which are beyond the control of American Cyanamid Company. All such risks shall be assumed by the user.

American Cyanamid Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use, subject to the risks referred to above.

Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values or any other special or indirect damages.

American Cyanamid Company makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY.

DIRECTIONS FOR USE

Do not use this product for any uses other than those specified on this label.

NOT FOR AERIAL APPLICATION.

HOUSE FLIES

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 2 quarts of CYGON 2-E in 12½ gallons of water. Thoroughly wet all fly-resting areas to the point of run-off. 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.

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 EDIBLE PRODUCTS AREAS OF FOOD PROCESSING PLANTS, RESTAURANTS OF OTHER AREAS WHERE FOOD IS COMMERCIALY PREPARED OR PROCESSED. DO NOT USE IN SERVING AREAS WHILE FOOD IS EXPOSED.

SPOT SPRAYS:

For localized housefly control, apply a spray containing ½ 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, around windows, etc.

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 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.

DO NOT CONTAMINATE FEED AND FOODSTUFFS, DRINKING FOUNTAINS, LITTER AND FEED TROUGHS. DO NOT USE IN MILK-PROCESSING ROOMS, INCLUDING MILK HOUSES AND MILK STORAGE ROOMS. DO NOT USE IN HOMES.

OUTDOOR ORNAMENTAL PLANTS

CYGON 2-E is generally effective in controlling aphids, thrips, leaf miners, scales, leafhoppers and mites.

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.

Make adequate sprays when pests appear or when damage is first observed. Do not overdose or overspray.

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	Pints Per 50 Gals. Water	Tablespoonfuls per 3 Gals. Water
Azaleas	Lace Bugs Leaf Miners Mites Tea Scale White Flies	1	2
Camellias	Aphids Camellia Scale Mites Tea Scale	1	2
		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 CYGON 2-E as a soil drench around the base of plants in early spring at the rate of 4 tablespoonfuls per 1 gallon of water per plant up to 6 feet tall. Increase this rate proportionately for larger plants.	
Hueses	Aphids Leafhoppers Mites Thrips	1	2
Birch	Aphids Leaf Miners	1/2	1
		For leaf miners, apply when leaves are expanded (about mid-May) and repeat in early July.	
Boxwood	Leaf Miners Mealy Bugs Mites	1	2
		For leaf miners, apply in spring when leaf miner flies first appear or in early summer for control of larvae in the infested leaves.	
Euonymus	Aphids Scale	2	4
Gladiolus	Aphids Thrips	1	2
Hemlock	Mites Scale	1	2
Juniper	Aphids Bagworms Midges Mites	2	4
Pine	Aphids Bagworms European Pine Shoot Moth Nantucket Pine Tip Moth Zimmerman Pine Moth	2	4

RINSE/DRAIN PROCEDURE

(1) Drain container into spray tank (after normal emptying) in a vertical position for 30 seconds. (2) Rinse carefully 3 times with 1 gallon of water for each rinse for a 5-gallon pail and drain into spray tank after each rinse. (3) Do not reuse container.

DISPOSAL OF PAILS: Drain pail completely. Add 1/2 gallon water, 1/4 cup of detergent and 1/4 pound of lye. Tighten closure. Rotate pail to wet all surfaces and let stand for at least 15 minutes. Drain completely (not into sprayer tank), and rinse several times with water. Bury rinse solution at least 18 inches deep in an isolated area away from water supplies. Tighten closure. Puncture and crush pail to prevent reuse. Bury deeply in an isolated location with 18 inches of cover.

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.

In case of an emergency endangering life or property involving this product, call collect, day or night, Area Code 201-835-3100.

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