

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

WARNING

VAPOR HARMFUL — Harmful or Fatal if Swallowed
Concentrated Material Causes Eye Irritation

Avoid breathing vapor or spray mist. Avoid contact with skin or eyes. Use only with adequate ventilation. Wash thoroughly after handling. Do not contaminate food. Do not use in homes. Rinse spills on outside of container after use. Do not contaminate feed and foodstuffs, drinking fountains, water and feed troughs. Do not use in milk-processing rooms, including milk houses and milk storage rooms.

AERIAL APPLICATION: AUTOMATIC FLAGGING DEVICES SHOULD BE USED WHENEVER FEASIBLE. IF HUMAN FLAGGERS ARE EMPLOYED, THEY MUST WEAR THE PROTECTIVE CLOTHING AND RESPIRATOR SPECIFIED ON THIS LABEL.

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.
- Wide-brimmed hat.
- Respirators must be worn by flaggers and mixer/loaders.

ENVIRONMENTAL HAZARDS

This product is toxic to birds and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams, or ponds. Do not apply where runoff 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.

CHEMICAL HAZARDS

COMBUSTIBLE. DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center immediately. Gastric lavage is usually indicated. Do not induce vomiting. Vomiting may cause aspiration pneumonia. Do not induce vomiting or give substances by mouth to an unconscious person.

If Inhaled: Remove victim to fresh air. Assist respiration if indicated.

If on Skin: Promptly wash contaminated skin with soap and water.

If in Eyes: Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

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

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Storage: Do not store near heat or open flame. Do not store below 40°F. Mix as needed, do not store diluted material.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate 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 the nearest EPA Regional Office for guidance.

Container Disposal: Metal: 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 and local authorities.

Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS

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 you: 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 Gal. Water or Teaspoons per 1/2 Gal. Water	Tablespoons per 3 Gal. Water
Azalea	Lace Bugs, Leaf Miners, Mites, Tea Scale, Whiteflies	1	2
Camellias	Aphids, Camellia Scale, Mites, Tea Scale	1	2
Roses	Aphids, Leafhoppers, Mites, Thrips	1	2
Birch	Aphids, Leaf Miners	1/2	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 tablespoons per 1 gallon of water per plant up to 6 feet tall. Increase this rate proportionately for larger plants.

For leaf miners apply when leaves are expanded (about mid-May) and repeat in early July.

Hopkins

CYGON 2-E

Systemic Insecticide

CONTROLS HOUSEFLIES
For control of Insects and Mites on Ornamental Plants
(1 gallon contains 2 pounds of dimethoate)



ACTIVE INGREDIENTS

Dimethoate (0,0-Dimethyl S-[(methylcarbamoyl)methyl] phosphorodithioate) 23.4%

INERT INGREDIENTS 76.6%

TOTAL 100.0%

* This product contains Xylene-Range Aromatic

KEEP OUT OF REACH OF CHILDREN

WARNING

See Side Panels for Statement of Practical Treatment and Additional Precautionary Statements.

NET CONTENTS

5 GALLONS

Ornamental Plants—Outdoor Plants Only	Pest Controlled	PINTS Per 50 Gal. Water or Teaspoons per 1/2 Gal. Water	Tablespoons per 3 Gal. Water
Banwood	Leaf Miners, Mealy Bugs, Mites	1	2
Euonymus	Aphids, Scale	2	4
Gleditsia	Aphids, Thrips	1	2
Hemlock	Mites, Scale	1	2
Juniper	Aphids, Bagworms, Mites, Midge	2	4
Pine	Aphids, Bagworms, European Pine Shoot Moth, Nan-tucket Pine Tip Moth, Zimmerman Pine Moth	2	4

For leaf miners, apply in spring when leaf miner flies first appear or in early summer for control of larvae in the infested leaves.

CHEMIGATION:

Refer to supplemental labeling entitled "APPLICATION THROUGH IRRIGATION SYSTEMS—CHEMIGATION" for use directions for chemigation. Do not apply this product through any irrigation systems unless the supplemental labeling on chemigation is followed.

HOUSEFLIES

For localized housefly control, apply as 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, 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 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.

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 1/2 pint of Cygon 2-E in 1 1/2 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.

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.

Cygon 2-E controls flies up to 8 weeks or longer.

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 1/2 pint of Cygon 2-E in 1 1/2 gallons of water. Repeat applications should be made when necessary.

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 non-transferable license under said patent may be obtained from American Cyanamid Company on current royalty terms whatever the source of material used.

DISCLAIMER

HOPKINS AGRICULTURAL CHEMICAL CO. 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.

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, etc.

HOPKINS AGRICULTURAL CHEMICAL CO. makes no other express or implied warranty, including any other express or implied warranty of FITNESS or MERCHANTABILITY.

Buyer assumes the risk of any use contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable by HOPKINS AGRICULTURAL CHEMICAL CO.

**HAZARDOUS SUBSTANCE, LIQUID, NOS,
NA9188, RQ (DIMIMETHOATE)**

ORM-A

Not Reviewed. Registrant claims to be in accordance with Reregistration of Pesticide Product Guidance for Phase 2 Response, Page 2.12, Active to Inert Change in Status.

EPA REG. NO. 2393-377

EPA EST. NO. 2737-KS-4



MANUFACTURED FOR

HACO, inc.

BOX 7180
MADISON, WISCONSIN 53707 U.S.A.

24663

EXP-1

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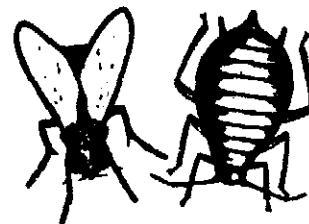
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Camelias	Aphids, Camellia Frogs, Acalea, Tea Scale	1	2
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Birch	Aphids, Leaf Miners	1/2	2

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Bonwood	Leaf Miners, Mealy Bugs, Mites	1	2
Euonymus	Aphids, Scale	2	4
Gladiolus	Aphids, Thrips	1	2
Hemlock	Mites, Scale	1	2
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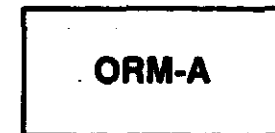
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HAZARDOUS SUBSTANCE, LIQUID, NOS, NA9188, RQ (DIMIMETHOATE)



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EXP-1