

JUL 19 1993

5442664 - 360
18

Ms. Joanne Pratt
Wilbur-Ellis Company
P. O. Box 9518
Fresno, CA 93792

Dear Ms. Pratt:

Subject: Black Leaf Cygon 2E
EPA Registration No. 5887-128
Your Submission Dated June 4, 1993 in Response to the
Agency Letter of February 25, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that the following changes are made to the label:

1. The statement "Do not store below freezing temperatures", located under the PHYSICAL OR CHEMICAL HAZARDS section should be moved so it is located under the section STORAGE AND DISPOSAL, Storage.
2. In accordance with PR Notice 87-1, add the following statement to the label:

"Do not apply this product through any type of irrigation system."

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard (WPS). If any of your products are covered by the WPS, you are required to submit, and receive the Agency's approval by April 21, 1994, of a revised label reflecting the required label statements of 40 CFR 156, published in the FEDERAL REGISTER of

278

August 21, 1992 (57 FR 38102). Under the WPS labeling regulations at 40 CFR 156, subpart K, § 156.200(c)(3), you are prohibited from distributing or selling any product within the scope of the WPS requirements after April 21, 1994, without amended labeling accepted by the Agency.

Sincerely yours,

Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (H7504C)

enclosure

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

398

BLACK LEAF CYGON 2-E (BLEAF\CYGON)
Page 1

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 19 1993

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
5887-128

BLACK LEAF (R)

Cygon 2-E
Soil Drench

Systemic insecticide

For control of insects and mites on ornamental plants.
Controls houseflies

ACTIVE INGREDIENTS

Dimethoate (O, O-Dimethyl S-[(methylcarbamoyl) methyl] phosphorodithioate).....	23.4%
INERT INGREDIENTS.....	76.6%
TOTAL	100.0%

Contains aromatic petroleum derivative solvent
1 quart contains 8 ounces of Dimethoate

KEEP OUT OF REACH OF CHILDREN

WARNING

See side panels for Statement of Practical Treatment and additional precautionary statements

EPA Reg. No. 5887-128

EPA Est. No. 70-KY-1

Net Contents: 16 fl. oz. (1 pint)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: VAPOR HARMFUL--HARMFUL OR FATAL IF SWALLOWED--
CONCENTRATED MATERIAL CAUSES EYE IRRITATION--COMBUSTIBLE.
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 or feed products.

The following protective clothing must be worn during application of this product: impermeable gloves (for example, rubber or plastic-covered reinforced gloves); boots or boot covers; long-sleeved shirts and long pants; and wide-brimmed hat.

For ground application only.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center immediately. Gastric lavage is usually indicated. Do not induce vomiting unless other treatment is not available. Vomiting may cause aspiration pneumonia. If it is necessary

BEST AVAILABLE COPY

488

to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. 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 for at least 15 minutes. Get medical attention immediately thereafter.

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

ENVIRONMENTAL HAZARDS

This product is toxic to birds and other wildlife. Birds and other wildlife in treated areas may be killed. 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. 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.

This pesticide is highly toxic to bees exposed to direct treatment of 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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill, or store near heat or open flame. Do not store below freezing temperatures.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Storage: To be stored in original container and placed in areas inaccessible to children. Pesticide Disposal: Product remaining in original container should be disposed of by securely wrapping original container in several layers of newspaper and discarding in trash. Container Disposal: Do not reuse empty container. Rinse thoroughly before discarding in trash.

SEE ATTACHED HANG TAG FOR COMPLETE USE DIRECTIONS.

BEST AVAILABLE COPY

598

BLACK LEAF CYGON 2-E (BLEAF\CYGON)

Page 3

NOTICE: Buyer assumes all risks of use, storage or handling of this product not in strict accordance with directions given herewith.

*Cygion-Registered Trademark of American Cyanamid Co., Patent No. 3,210,342

UPC CODE #76842 00280
76842 00281
76842 00282

DISTRIBUTED BY
Black Leaf Products Company, A Division of Wilbur-Ellis Co.
BUCKNER, KENTUCKY 40010
B-593

[Brochure]

DIRECTIONS FOR USE

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

OUTDOOR ORNAMENTAL PLANTS

Do not apply when weather conditions favor drift of spray from areas treated.

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. Refer to chart below.

THE USES LISTED BELOW ARE FOLIAR SPRAYS UNLESS OTHERWISE INDICATED.

Ornamental			
Plants		Teaspoons	Tablespoons
Outdoor	Pest	per 1/2	per 3 Gals

FOR INFORMATION ONLY

BLACK LEAF CYGON 2-E (BLEAF\CYGON)

Page 4

698

Plants Only	Controlled	Gal. Water	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 tablespoons per 1 gallon of water per plant up to 6 feet tall. Increase this rate proportionately for larger plants.	
Roses	Aphids, Leaf-hoppers, Mites, Thrips	1	2
Birch	Aphids, Leaf Miners	1/2	2
		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

1975

798

Juniper	Aphids, Bagworms, Midges, Mites	2	4
Pine	Aphids, Bagworms, European Pine Shoot Moth, Nantucket Pine Tip Moth, Zimmerman Pine Moth	2	4

HOUSEFLIES

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.

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 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.

8 7 8

BLACK LEAF CYGON 2-E (BLEAF\CYGON)

Page 6

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, 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 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.

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.

*Cygton, Trademark of American Cyanamid Co.
U.S. Patent 3,210,242 Made and Printed in U.S.A

TAKE TIME OBSERVE LABEL DIRECTIONS
B-593