



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAK
30 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

John A. Francis, Jr.
GRACE-SIERRA CROP PROTECTANT CO.
REGULATORY AFFAIRS DEPT.
1001 YOSEMITE DR.
MILPITAS, CA 95035

Subject: Label Amendment Submission of 06/30/93 in Response to PR Notice 93-7
EPA Reg. No. 58185-18
DYCARB INSECTICIDE FOR HORTICULTURAL PLANTS

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

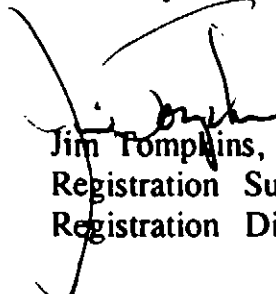
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

John A. Francis, Jr.
GRACE-SIERRA CROP PROTECTION CO
REGULATORY AFFAIRS DEPT
1001 YOSEMITE DR
MILPITAS CA 95035

Comment for: EPA Reg Nr.58185-18
DYCARB INSECTICIDE FOR HORTICULTURAL PLANTS

The following specific comments pertain to your WPS
labeling submission concerning the product
cited above:

Delete the crossed-out statements on your proposed label.
They are redundant statements or phrases.

4 7 7

DYCARB®

76 WP

Insecticide For Horticultural Plants
N-Methyl Carbamate

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 30 1994

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

58185-18

ACTIVE INGREDIENTS:

Bendiocarb: (2,2-dimethyl, 1,3-benzodioxol-4-yl methylcarbamate) 76%

INERT INGREDIENTS 24%

TOTAL..... 100%

**KEEP OUT OF REACH OF CHILDREN
WARNING AVISO
HARMFUL OR FATAL IF SWALLOWED**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes immediately with plenty of water for at least 15 minutes. Get medical attention.

IF SWALLOWED: Induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Get medical attention immediately.

IF INHALED: Have patient lie down and keep warm. Transfer to hospital immediately for medical attention.

IF ON SKIN: Wash thoroughly with soap and water.

NOTE TO PHYSICIAN: Contains anticholinesterase carbamate insecticide. In case of overexposure, give 2 mg (equivalent to 1/30 grain, adult dose) of atropine sulfate. Repeat as necessary.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 58185-18

EPA EST. NO. 602-MO-1

6134

32 oz (2 LB)
(0.9 kg)

GRACE / SIERRA

Grace-Sierra Crop Protection Company • 1001 Yosemite Drive, Milpitas, CA 95035

Dycarb® is a registered trademark of Grace-Sierra Crop Protection Company for its brand of insecticide products.

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS WARNING

Harmful or fatal if swallowed. May be absorbed through the skin. Avoid contact with the eyes, skin, and clothing. If contact occurs, ~~wash skin and clothing immediately with soap and warm water, and eyes with clean water.~~

Do not rub eyes or mouth with hands. If you feel sick in any way, STOP WORK and get help right away. See First Aid (Practical Treatment) section.

Avoid breathing and working in spray mist or dust.

~~When applying in outdoor sites, keep all unprotected persons, children, and animals away from treated area or where there is danger of drift.~~

Do not use on or contaminate fruit, vegetables or other food or feed crops. Do not store near food or feed products.

Personal Protective Equipment

Applicators and other handlers must wear:

Coveralls over short-sleeved shirt and short pants

Waterproof gloves

Chemical resistant footwear plus socks

Protective eyewear

Chemical-resistant headgear for overhead exposure

Chemical-resistant apron when cleaning equipment, mixing, or loading

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Drift and 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 products is highly toxic to bees exposed to direct treatment 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 or store near heat or open flame.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

ONLY FOR SALE TO, USE, AND STORAGE BY SERVICE-PERSONS.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and

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exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls over short-sleeved shirt and short pants
- Waterproof gloves
- Chemical resistant footwear plus socks.
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for Agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

For interiorscapes, apply only when there is no one but the properly outfitted applicator present and allow no one near the plants until the spray is completely dry.

"CHEMIGATION: Refer to supplemental labeling entitled 'CHEMIGATION INFORMATION' for use directions for chemigation. Do not apply this product through any irrigation system unless the supplemental labeling on chemigation is followed."

Add recommended amount to a partially filled spray tank under agitation. Complete filling to the desired volume. Keep agitated to insure even suspension of material. Make up no more than will be used in one application.

For control of greenhouse, interiorscape and outdoor pests, spray DYCARB® to glisten. ~~For interiorscapes, apply only when there is no one but the properly outfitted applicator present and allow no one near the plants until the spray is completely dry.~~

Apply in accordance with the following rates:

☐ PEST	
12 to 20 oz. in 100 gal. of water.	
Chysanthemum aphid Green apple aphid Hemispherical scale Florida wax scale Spirea aphid Tea scale Citrus mealybug Hawthorne lacebug Eastern tent caterpillar Fall webworm Thrips Azalea lacebug Taxus mealybug (adult)	Elm leaf beetle (larvae) Willow leaf beetle (larvae) Poplar tent maker Yellowneck caterpillar Spring cankerworm Mimosa webworm Obscure root weevil (adult) Greenhouse whitefly Citrus blackfly Japanese beetle (adult) Black vine weevil Bagworm
20 to 40 oz. in 100 gal. of water	
Nantucket pine tip moth Pales pine weevil Northern pine weevil Leafroller Indian wax scale (crawlers) Euonymus scale (crawlers)	Ixora scale Azalea caterpillar Camellia scale 2-spotted mite Collembola Ilex leafminer

Use DYCARB® to control pests on the following non-edible horticultural plants:

HERBACEOUS

- African violet
- Ageratum
- Aglaonema
- Antirrhinum
- Ascarina
- Asparagus
- springeri
- Asplenium
- Baby's-breath
- Begonia
- Calathea
- Calendula
- Celosia
- Chrysanthemum
- Cineraria
- Cissus
- Coleus
- Cyrtomium
- Daffodil
- Dahlia
- Dianthus
- Dieffenbachia
- Cracaena
- Dryopteris
- Epipremnum
- Fern spp.
- Four-o'clock
- Fuchsia
- Gazania
- Geranium
- Gladiolus
- Guave
- Hypoestes
- Impatiens
- Iris
- Ivy
- Lily of the Valley
- Maranta
- Marigold
- Mondo grass
- Nasturtium
- Nephrolepis
- Nicotiana
- Ochrosia
- Pansy
- Peony
- Petunia
- Philodendron
- Plumella
- Polypodium
- Portulaca
- Salvia
- Sanserviena
- Shasta daisy
- Spathiphyllum
- Vandaonomea
- Verberna
- Vinca
- Wandering Jew
- Zinnia

WOODY

- Abies*
- Acer*
- Aborvitae*
- Azalea*
- Barberry*
- Birch*
- Boxwood
- Brassaia
- Camellia*
- Cedar
- Cephalotaxus*
- Cercis*
- Cherry
- Cornus*
- Cotoneaster*
- Crataegus*
- Crape Myrtle
- Euonymus*
- Fatsia*
- Ficus
- Fountain grass
- Flowering almond
- Flowering crabapple
- Gardenia
- Hemlock*
- Hydrangea*
- Ilex*
- Ixora
- Juniper*
- Ligustrum
- Lilac
- Loquat
- Mahonia*
- Mimosa
- Mock Orange
- Nandina
- Oleander
- Pachysandra
- Photinia
- Picea*
- Pieris
- Pine
- Poinsetta
- Pomegranate
- Poplar
- Prunus spp.*
- Pseudotsuga*
- Pyracantha*
- Yrus*
- Rhododendron*
- Rose
- Sago palm
- Schefflera
- Spirea*
- Sycamore
- Taxus*
- Thuja*
- Tsuga*
- Viburnum
- Weigelia*
- Yaupon

NOTE: Avoid alkaline water. For soil drench, buffer at pH 6.5-7.2 for best results.

For control of Black Vine Weevil larvae in container production: Mix 2 to 4 oz. DYCARB® per 100 gal. of water. Apply as a soil drench at the following rates only on plants indicated by *:

IMPORTANT: DYCARB® has demonstrated excellent plant safety; however, all species and varieties have not been tested. When treating large numbers of plants of a single variety, treat a few plants and observe prior to full-scale application. Do not use on Cardoon, Espiscia, and Gloxinia since plant injury may occur.

<u>VOLUME</u>	<u>CONTAINER SIZE</u>
8 fl. oz.	6-inch
1 pint	1 gal.
3 pints	3 gal.
5 pints	5 gal.

STORAGE AND DISPOSAL

STORAGE: Stable at normal temperatures. Store in a dry place.

PESTICIDE DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty container by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY

This material conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing and method of application, weather, watering practices, nature of soil, the insect problem, condition of the crop, incompatibility with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage, or handling of this material not in strict accordance with the directions given herewith. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE.

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