



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

JAN 27 1994

Bethany G. Hulcy  
GOWAN COMPANY  
P.O. Box 5569  
Yuma, AZ 85366

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/17/93 in Response to PR Notice 93-7  
EPA Reg. No. 10163-97  
PROKIL DICOFOL MF

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-Cerise on a paper that  
contains at least 50% recycled fiber

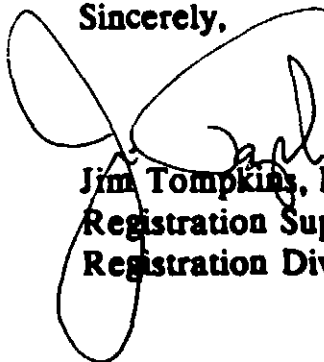
Submit the final printed labeling via the U.S. Postal Service to:

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

BETHANY G. HULCY  
GOWAN COMPANY  
BOX 5569  
YUMA AZ 85366

Subject: Label Amendment Submission of 09/17/93  
to Comply with WPS Labeling Requirements  
EPA Reg Nr. 10163-97  
PROKIL DICOFOL MF

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

The following statement on your proposed label is not  
required for this product: "Discard clothing and other  
absorbent materials that have been drenched or heavily  
contaminated with this product's concentrate." You may  
delete it or leave it on the label.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

4 7 6

JAN 27 1994

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
it is amended, for the pesticide  
registered under EPA Reg. No.  
10163-97

# PROKIL DICOFOL MF

## AGRICULTURAL MITICIDE

ACTIVE INGREDIENT:		% BY WT.
1,1-Bis(chlorophenyl)-2,2,2-trichloroethanol .....		42.0%
INERT INGREDIENTS:.....		58.0%
	TOTAL	100.0%

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED**, drink 1 to 2 glasses of water and induce vomiting by touching back of throat with finger. Get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF INHALED**, remove victim to fresh air.

**IF ON SKIN**, wash exposed areas with plenty of soap and water. Get medical attention.

**IF IN EYES**, flush with plenty of water. Get medical attention.

**NOTE TO PHYSICIAN:** Because this product contains a chlorinated hydrocarbon insecticide, vomiting or careful gastric lavage is recommended. Epinephrine or other adrenergic amines may cause myocardial irritability.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Avoid contact with skin, eyes or clothing. Skin contact with this pesticide may be hazardous. This product is a skin sensitizer. Repeated exposure may cause allergic reaction in some individuals. If allergic reactions have occurred, discontinue use and see a physician. Causes moderate eye injury (irritation).

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category *E* on the EPA chemical-resistance category selection chart.

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as Barrier Laminate, Nitrile Rubber  $\geq 14$ mils, Neoprene Rubber  $\geq 14$ mils, Viton  $\geq 14$ mils
- Shoes plus socks

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.

**Engineering controls statements:** When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### 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.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. Apply this product only as specified on this label.

### PHYSICAL AND CHEMICAL HAZARDS

**FLAMMABLE.** Do not use near heat or open flame.

NET CONTENTS \_\_\_\_\_ GALS.

EPA Reg. No. 10163-97  
EPA Est. No. 10163-AZ-1

GOWAN COMPANY  
P.O. Box 5569  
Yuma, AZ 85386-5569

**DIRECTIONS FOR USE**

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

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 exception 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
- Chemical-resistant gloves, such as Barrier Laminate, Nitrile Rubber  $\geq 14$  mils, Neoprene Rubber  $\geq 14$  mils, Viton  $\geq 14$  mils
- Shoes plus socks

**STORAGE AND DISPOSAL**

**STORAGE:** Keep from freezing. Store at 32° F to 110° F.

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

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**CHEMIGATION STATEMENT**

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

General — Dicolol MF is an emulsifiable formulation that gives high initial kill against most species of agricultural mites. Dicolol is a specific miticide and will not kill bees and beneficial insect predators when used as recommended. Use only on crops listed on this label. Dicolol MF is compatible with most other commonly used insecticides and fungicides. Observe the following use restrictions: Do not combine with lime. Do not apply to any crop within two weeks following sulfur dust or spray. Do not apply to apples, pears, grapes or strawberries after fruit formation in California, Washington or Oregon.

**DILUTION AND SPRAYING DIRECTIONS**

Dicolol can be applied by ground or air according to the following dilution directions. Provide thorough coverage of all plant parts. Coverage on the underside of leaves is especially important. Optimum spray gallonage varies with the type of equipment, size and density of crop plants.

**DILUTE APPLICATION:** Field and row crops: Apply specified rate in 20 to 60 gallons of water per acre. Orchard: Apply specified rate in 100 to 800 gallons of water per acre.

**CONCENTRATE APPLICATION:** Field and row crops: Apply specified rate in not less than 5 gallons of water per acre. Orchard: Apply specified rate in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

**AIR APPLICATION:** Apply specified rate in 5 to 20 gallons of water per acre. Orchard rates should not be applied in less than 10 gallons of water per acre. For further details see specific recommendations on this label, then consult current State Agricultural Experiment Stations spray schedules or State Extension Service Specialists for additional details on compatibility, dosage, and uses.

**CROP USE RECOMMENDATIONS**

The interval between last application and harvest is given in ( ) just after the crop name.

**VEGETABLE AND FIELD CROPS**

**BEANS (DRY, GREEN, LIMA) (7)**  
Pacific, tropical, and two-spotted mites. Use 3/4 to 1 pint per acre. Apply at first signs of mite buildup and repeat as necessary. Do not feed treated vines (or crop residues) to meat or dairy animals.

**BEANS (DRY, GREEN, LIMA) CALIFORNIA ONLY (21)**  
Pacific, tomato russet, tropical, and two-spotted mites. Use 3 pints per acre. Apply at first signs of mite buildup and repeat as necessary. Do not feed treated vines (or crop residues) to meat or dairy animals.

**BERMUDAGRASS GROWN FOR SEED**  
Banks grass, Bermuda, brown and clover mites. Use 3/5 to 4/5 pint per acre. Applications should be made when mites appear and repeated as necessary. Do not feed clippings or allow livestock to graze treated area.

**COTTON (14)**  
Desert, Pacific, and two-spotted mites. Use 1 to 1 1/2 quarts per acre, depending on size of plant and density of foliage. Apply in sufficient water to provide thorough coverage. Begin application when mites are first noticed and repeat if necessary. Do not feed cotton stalks or trash to meat or dairy animals.

**HOPS (7)**  
Pacific, tropical, and two-spotted mites. Use 2 to 2 1/2 pints per acre. Apply at first signs of mite buildup and repeat as necessary. Do not feed treated vines (or crop residues) to meat or dairy animals.

**MINT (30)**  
Peppermint and spearmint for commercial oil production. Two-spotted mites. Use 1 3/4 to 2 1/2 pints per acre in sufficient water for thorough coverage. Make application when mites become active. Do not make more than one application per crop per season. Do not feed treated fresh or spent hay to livestock.

**CUCUMBERS, SQUASH (2)**  
Pacific, tomato russet, tropical, and two-spotted mites. Use 3/4 pint per acre. Apply at first sign of mite buildup and repeat as necessary. Do not use in combination with other materials unless previous experience has shown that the mixture is safe to plants. Do not feed crop residues to dairy and meat animals.

**PEPPERS, TOMATOES (2)**  
Pacific, tropical, two-spotted, and tomato russet mites. Use 3/4 to 1 1/2 pints per acre. Apply at first sign of mite buildup. Do not apply more than two applications or exceed 1.6 pints per year. Do not feed treated plants, forage, or crop residues to meat or dairy animals.

**FRUITS AND NUTS**

**APPLES, PEARS (7)**  
Apple rust, clover, European red, McDaniel, Pacific, Schoene, two-spotted, Willamette and yellow (carpin) mites. Use 3/4 to 1 pint per 100 gallons dilute spray (1 gallon maximum/acre). Apply when mite population appears and repeat at 10 to 14 day intervals as necessary. To avoid injury, do not use glyodin fungicide with dicofol in late cover sprays.

**CITRUS (GRAPEFRUIT, KUMQUATS, LEMONS, LIMES, ORANGES, TANGELOS, TANGERINES) (7)**  
Citrus flat, citrus red (purple), citrus rust, six-spotted, Texas citrus, Yuma mites. Apply in full coverage sprays using 1 pint per 100 gallons of dilute spray (2 gallons maximum/acre). In California, use 1 gallon maximum per acre. If concentrate sprays are used, adjust dosage accordingly. Apply when mites appear in threatening numbers and repeat as required for satisfactory control.

**GRAPES (7)**  
For clover (brown almond), European red, McDaniel, Pacific, two-spotted, Willamette and yellow mites. Use 1 1/3 to 2 1/3 pints per acre. Apply just after bloom or whenever mites appear and repeat if necessary.

**PECANS, WALNUTS (14)**  
For clover (brown almond), European red, McDaniel, Pacific, two-spotted, Willamette, and yellow mites. Use a full coverage spray of 3/4 to 1 pint per 100 gallons dilute spray (1 gallon maximum per acre). Apply just after bloom or whenever mites appear and repeat if necessary.

**STRAWBERRIES (2)**  
Six-spotted, strawberry (Atlantic), and two-spotted mites. Use 1 quart per acre. For cyclamen mites, use 2 quarts per acre in 2 to 3 thorough, high drenching sprays (400 gallons per acre) at 10 to 20 day intervals. Apply when new growth starts in spring or use as a spot treatment in infested areas during production season. Do not apply if temperature exceeds 90 °F.

**OTHER USES**

**ORNAMENTALS, FLOWERS, NURSERY STOCK, AND SHADE TREES**  
For control of mites, use 1/4 to 1 pint per 100 gallons (1 teaspoon per gallon). Apply when mites are present and repeat as necessary.

**LAWN AND TURF GRASSES**  
Clover, brown, and Bermudagrass mites. Use 3/5 to 4/5 pint per 100 gallons (2 teaspoons per 2 1/2 gallons). Apply 2 1/2 gallons of dilute spray per 1,000 square feet. Apply when mites appear and repeat as necessary.

**NOTICE ON CONDITIONS OF SALE**  
Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility including injury or damage resulting from its misuse as such, or in combination with other materials.