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Gowan Company  
P.O. Box 5696  
Yuma, AZ 85364

Gentlemen:

Subject: Prokil Dimethoate E267  
EPA Registration No. 10163-56  
Your Application Dated May 21, 1986

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
  - a. Under sorghum, add the restriction "Do not apply after heading."
  - b. Revise the preharvest interval for cabbage to read: "7 days."
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your

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CONCURRENCES

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release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,



William H. Miller  
Product Manager (16)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767C)

Enclosure

#### ENVIRONMENTAL HAZARDS

This product is toxic to shrimp, crabs, birds and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply when 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 product is toxic to bees. Restrict application to the period after dark when bees are inside the hive or in the early morning before bees are foraging in the fields. Protective information may be obtained from your Cooperative Agricultural Extension Service.

#### PHYSICAL OR CHEMICAL HAZARDS

**DO NOT USE: POUR, SPILL 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.

#### RE-ENTRY STATEMENTS

Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written and oral warnings must include the following information: **WARNING—Area treated with DIMETHOATE or date of application. Do not enter without appropriate protective clothing until sprays have dried.** In case of accidental exposure, see precautionary statements on front panel.

#### STORAGE AND DISPOSAL

**DO NOT** use, pour, spill or store near heat or open flame.  
**DO NOT** contaminate water, food or feed by storage or disposal.  
**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:** 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.

#### 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 (rubber or plastic covered reinforced)
- Boots or boot covers
- Long sleeve shirt and long pants
- Wide brimmed hat
- Respirators must be worn by flaggers and mixer loaders

**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.

## PROKIL DIMETHOATE E267

Active Ingredient:

Dimethoate—[O,O-Dimethyl S-[N-(methylcarbomoyl)methyl] phosphorothioate]*	30.5%
Inert Ingredients	69.5%
	100.0%

\*Contains 2.67 lbs. Dimethoate per gallon

### KEEP OUT OF REACH OF CHILDREN WARNING—AVISO

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

#### NOT FOR USE OR STORAGE IN OR AROUND HOME

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

May be Fatal or Harmful if Swallowed. Vapor Harmful. Avoid breathing vapor or spray mist. Use only with adequate ventilation. Wash thoroughly after handling. Do not contaminate food or feed products. Avoid contact with skin and eyes.

Concentrated material causes eye irritation. In case of contact with eyes, flush eyes with plenty of water for at least fifteen minutes.

**NOTE TO PHYSICIAN:** This product upon use may cause cholinesterase inhibition. Atropine is antidotal. Prolidoxime chloride (2-PAM, PRICOPAM chloride) may be effective as an adjunct to atropine. Use according to label directions.

Net Contents 5 Gals.

# Gowan Company

EPA Reg. No. 10163-56-AA  
EPA Est. No. 10163-AZ-1

P.O. Box 5696  
Yuma, Arizona 85364

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The product is intended for use by the ornamental grower or commercial applicator in conventional hydraulic sprayers, ground applicators or airplane sprayers. When applying use the recommended amount of material in sufficient water for thorough coverage.

	Ground	Aircraft
Vegetables and Field Crops	20-150 gals	5-15 gals
Small Fruits	20-200 gals	7-15 gals
Tree Crops (Mature)	40-1000 gals	10-25 gals
Citrus (Mature)	100-2000 gals	10-25 gals

Do not apply when weather conditions favor drift of spray from areas treated. Repeat applications as necessary unless otherwise specified. Consult your state experiment station or state extension service for proper timing of applications.

#### DIRECTIONS FOR USE FRUIT

**APPLES, PEARS:** Aphids, Leafhoppers, Mites (except rust mites). Apply  $\frac{3}{4}$ -1 $\frac{1}{2}$  pts. per 100 gals. water. Do not apply during the bloom period. Do not apply within 28 days of harvest.

Do not graze livestock in treated orchards.

**CITRUS (GRAPEFRUIT, LEMONS, ORANGES, TANGERINES):** Aphids: Ground, apply  $\frac{3}{4}$ -1 $\frac{1}{2}$  pts. per 100 gals. water. Apply as an outside coverage spray. Aircraft, 3-6 pts. per acre. Mites (except rust mites): Ground, apply  $\frac{3}{4}$ -1 $\frac{1}{2}$  pts. per 100 gals. water. Apply as a thorough distribution coverage spray. Scales (except black or snow): Ground, apply 1 $\frac{1}{2}$ -2 $\frac{1}{2}$  pts. per 100 gals. water. Apply as a thorough coverage spray. Thrips: Ground, apply  $\frac{3}{4}$ -1 $\frac{1}{2}$  pts. per 100 gals. water. Apply as a mist spray. Aircraft, apply 3-6 pts. per acre. Whiteflies: Ground, apply 1 $\frac{1}{2}$  pts. per 100 gals. water. Apply as a thorough distribution coverage spray. Do not apply within 15 days of harvest. Do not apply during bloom period. Do not use on citrus seedlings. Make no more than 2 applications to mature fruit. Do not enter treated groves within 4 days of last application.

Do not graze livestock in treated orchards.

**CITRUS (NON-BEARING) AND NURSERY STOCK (CALIFORNIA AND ARIZONA):** Thrips, Aphids: Foliar spray, 1 $\frac{1}{2}$  pts. per 100 gals. water. Repeat applications as necessary. Do not apply to trees that will bear fruit within one year. Do not enter treated groves within 4 days of last application. Soil drench, (Trees 1-3 years old), 3 qts. per acre applied in the furrow or basin around the base of the tree. Apply when insect injury to new growth appears. Do not apply to trees that will bear fruit within one year.

Do not graze livestock in treated orchards.

**PROKIL DIMETHOATE E-267** should be used only on nursery stock and nonbearing trees. Do not apply in the year trees begin to bear a crop. Consult your State Agricultural Experiment Station or State Agricultural Extension Service for proper timing of applications.

#### NUTS

**PECANS:** Aphids, Mites, Leafhoppers: Ground only, apply 1 pt. per acre. Do not apply within 21 days of harvest. Do not graze livestock in treated groves.

#### VEGETABLE CROPS

**BEANS (GREEN, LIMA, SNAP, DRY):** Aphids, Leafhoppers, Leaf Miners, Mites, Lygus Bugs: Appl.  $\frac{3}{4}$ -1 $\frac{1}{2}$  pts. per acre. Beans may be harvested on day of application. Do not feed treated vines.

**BROCCOLI, CAULIFLOWER:** Aphids: Apply  $\frac{3}{4}$ -1 $\frac{1}{2}$  pts. per acre. Do not apply within 7 days of harvest.

**CABBAGE:** Aphids: Apply  $\frac{3}{4}$ -1 $\frac{1}{2}$  pts. per acre. Do not apply within 3 days of harvest.

**HEAD LETTUCE:** Aphids, Leafhoppers, Leaf Miners: Apply  $\frac{3}{4}$  pts. per acre. Do not apply within 7 days of harvest.

**LEAF LETTUCE, SPINACH, COLLARDS, KALE, TURNIP (GREENS AND ROOTS), MUSTARD GREENS, SWISS CHARD, ENDIVE (ESCAROLE):** Aphids, Leafhoppers, Leaf Miners: Apply  $\frac{3}{4}$  pt. per acre. Do not apply within 14 days of harvest.

**MELONS (EXCEPT WATERMELONS):** Aphids, Leafhoppers, Leaf Miners, Thrips: Apply 1 $\frac{1}{2}$  pts. per acre. Do not apply within 3 days of harvest.

**WATERMELONS:** Aphids, Leaf Miners, Leaf Hoppers: Apply  $\frac{3}{4}$ -1 $\frac{1}{2}$  pts. per acre. Do not apply within 3 days of harvest.

**PEAS:** Aphids: Apply  $\frac{1}{2}$  pt. per acre. Peas may be harvested on day of application. Do not feed or graze hay within 21 days after last application when a stationary viner is used. Do not feed or graze when a mobile viner is used.

Do not apply more than once per season.

**PEPPERS:** Aphids, Leaf Miners, Maggots: Apply  $\frac{3}{4}$ -1 pt. per acre. Peppers may be harvested on day of application.

**POTATOES:** Aphids, Leaf Miners, Leafhoppers: Apply  $\frac{3}{4}$ -1 $\frac{1}{2}$  pts. per acre. Potatoes may be harvested on day of application.

**TOMATOES:** Aphids, Leaf Miners, Leafhoppers: Apply  $\frac{3}{4}$ -1 $\frac{1}{2}$  pts. per acre. Do not apply within 7 days of harvest.

Where cabbage worms and cabbage loopers are a problem, the above rates of PROKIL DIMETHOATE E-267 are compatible with Endosulfan, Malathion or Parathion. Use in accordance with the manufacturer's directions for control of these insects.

#### FIELD CROPS

**ALFALFA:** Aphids, Leafhoppers, Lygus bugs, Grasshoppers, reduction of Alfalfa weevil larvae. Apply  $\frac{3}{4}$ -1 $\frac{1}{2}$  pts. per acre. Do not apply during bloom period. Do not apply within 10 days of harvest or pasturing. Make only one application per year. Effective only on cutting to which applied.

**COTTON (GROWN IN CALIFORNIA AND ARIZONA):** Lygus bugs, Leafhoppers, Black Fleahoppers: Apply  $\frac{3}{4}$ -1 $\frac{1}{2}$  pts. per acre. Do not apply within 14 days of harvest. Repeat applications should not be made at intervals closer than 14 days. Make only 2 applications per season at the higher rate. Do not feed treated forage or graze livestock on treated fields.

**COTTON:** Aphids, Mites, Thrips, Fleahoppers: Apply  $\frac{1}{2}$ - $\frac{3}{4}$  pt. per acre. Do not apply within 14 days of harvest. Repeat applications should not be made at intervals closer than 14 days. Do not feed treated forage or graze livestock on treated fields.

**SAFFLOWER (CALIFORNIA, ARIZONA):** Aphids, Leafhoppers, Lygus bugs, thrips: Apply 2 pts. per acre. Do not apply within 14 days of harvest. Repeat applications should not be made at intervals closer than 14 days. Make only 2 aerial applications or 2 ground applications as needed per season.

**SORGHUM (MILO):** Aphids: Apply  $\frac{1}{2}$ -1 $\frac{1}{2}$  pts. per acre. Apply 25-40 gals. per acre by ground equipment for complete coverage and 2-10 gals. by aircraft. Do not feed or graze within 28 days of last application. Make 2 aerial applications or 2 ground applications as needed per season.

**WHEAT (GROWN IN TEXAS, OKLAHOMA, KANSAS):** Aphids (green bug): Apply  $\frac{3}{4}$ -1 pt. per acre. Brown Wheat Mite:  $\frac{1}{2}$ - $\frac{3}{4}$  pts. per acre. Do not apply within 14 days of grazing immature plant. Do not harvest grain within 60 days of last application.

Do not apply more than twice per season.

#### SEED CROPS

**ALFALFA:** Aphids, Leafhoppers, Lygus bugs, Grasshoppers, reduction of Alfalfa Weevil larvae. Apply  $\frac{3}{4}$ -1 $\frac{1}{2}$  pts. per acre. Do not apply to alfalfa in the bloom period. Do not feed or graze livestock on treated crop, hay threshings or stubble within 10 days of application.

#### 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 or such, or in combination with other materials.

REV 9-84

Insecticide, Liquid, N.O.S., Combustible Liquid, NA 1993