

3024

Ms. Anne Stout
Gowan Company
P.O. Box 5569
Yuma, AZ 85366-5569

Dear Ms. Stout:

Subject: Revised labeling deleting unsupported uses
Prokil Methyl Parathion 4
EPA Reg. No. 10163-2
Your Submission Dated: October 16, 1990

The labeling for the product referred to above submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable subject to the comments listed below. A stamped copy of the label is enclosed for your records.

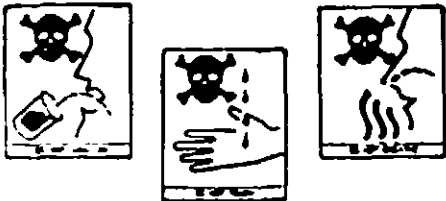
1. Beets - Revise the PHI to read 21 days.
2. Cotton - Revise the PHI to read 7 days.
3. Carrots - Delete the "1" after aphids.

Sincerely yours,

DHE

Dennis H. Edwards, Jr.
Product Manager 19
Insecticide-Rodenticide Branch
Registration Division (H-7505C)

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DANGER - POISON - PRECAUTIONS
POISONOUS IF SWALLOWED
 This product can kill you if swallowed even in small amounts (syringe, spill or dust) may be fatal if swallowed.

POISONOUS BY SKIN CONTACT
 Poisonous if touched by hands or spilled or splashed on skin, or eyes or on clothing (liquid goes through clothes).

POISONOUS IF BREATHED
 Irritating vapors, spray mist or dust may be fatal.

NOTE TO PHYSICIAN
 Atropine-Antidote: atropine sulfate in large doses TWO TO FOUR mg. intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinism or appear. 2-PAM chloride is also indicated and may be administered in conjunction with atropine. DO NOT GIVE MORPHINE OR TRANQUILLIZERS. Parathion is a strong cholinergic inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. A first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued exposure of the poison may occur and fatal relapses have been reported after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER - POISON
 Do not apply this product in such a manner as to directly or indirectly expose workers or other persons. The area being treated must be vacated by unprotected persons.

Person Signs (Symptoms)
 Parathion is a very dangerous poison. It rapidly enters the body on contact with skin surfaces and eyes. Clothing wet with this material must be removed immediately. Exposed persons must receive prompt medical treatment or they may die. Some of the signs and symptoms of poisoning are: headache, nausea, vomiting, dizziness, weakness, blurred vision, pin-point pupils, tightness in chest, labored breathing, nervousness, tremors, watering of eyes, drooping or twitching of mouth and nose, muscle spasms and coma.

ENVIRONMENTAL HAZARDS
 This pesticide is highly toxic to aquatic invertebrates and wild life. Birds in treated areas may be killed. Do not apply directly to water or other aquatic habitats (streams, marshes, bays and ponds). Run-off and drift from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water by cleaning of equipment or disposal of wastes.

RESTRICTED USE PESTICIDE
 Due to very high acute toxicity to Humans and Birds For retail sale to and use only by certified applicator or persons under their direct supervision and only for those uses covered by the certified applicator's certification. Direct supervision for this product is defined as the certified applicator being physically present during application, mixing, loading, repair and cleaning of application equipment. Commercial certified applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.

PROKIL
METHYL PARATHION 4

Active ingredient	By Wt.
"O,O-dimethyl O-p-nitrophenyl phosphorothioate	45.52%
Inert ingredients	54.48%
Total	100.00%

Contains 4 lbs *Methyl Parathion per gallon
 Contains xylene range aromatic solvent
STOP - READ LABEL BEFORE USING!
KEEP OUT OF REACH OF CHILDREN

POISON NOT FOR HOME USE  **DANGER PELIGRO**

PRECAUTIONAL USUARIO S used no use este producto hasta que lo indique el haya sido explicado ampliamente.
 See SIDE PANELS for PRECAUTIONARY STATEMENTS

STATEMENT OF PRACTICAL TREATMENT
 Call a physician or Poison Control Center immediately. Explain that the victim has been exposed to Parathion and describe his condition.
 IF SWALLOWED—Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.
 IF IN EYES—Flush eyes immediately with plenty of clear water.
 IF ON SKIN—Remove contaminated clothing and shoes and wash skin immediately with soap and water.
 IF INHALED—Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention.
 For additional first aid information, call the National Pesticide Telecommunications Network: 1-800-858-7378

NET CONTENTS - GALLONS
Gowan Company
 EPA Reg No 10163-2 P O Box 5569
 EPA Est No 10163-AZ-1 Yuma, AZ 85366-5569

lant shoes, shoe coverings, or boots. Wear goggles or a face shield. Wear a pesticide respirator approved by the National Institute for Occupational Safety and Health under the provisions of 30 CFR part 11.
USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT DURING MIXING/LOADING, APPLICATION, REPAIR AND CLEANING OF APPLICATION EQUIPMENT, DISPOSAL OF PESTICIDE AND EARLY REENTRY INTO TREATED AREAS: protective suit of one or two pieces covering all parts of the body except the head, hands and feet; chemical resistant gloves; chemical resistant shoes for chemical resistant shoe coverings or chemical resistant boots; goggles or face shield; hood or wide brimmed hat; NIOSH approved respirator.
 IF MIXING/LOADING IS PERFORMED USING A CLOSED SYSTEM, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE: long sleeve shirt, long-legged pants, chemical resistant gloves, chemical resistant apron, shoes and socks. Goggles or face shield must be worn when the system is under pressure. All other protective clothing and equipment required for use with open systems must be available nearby.
 IF APPLICATION IS PERFORMED USING AN ENCLOSED CAB OR COCKPIT, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE: long sleeve shirt and long legged pants, shoes and socks. Chemical resistant gloves must be available in the cab or cockpit and must be worn during entry to and exit from the application vehicle. All other protective clothing and equipment required for use during application must be available in the cab and must be worn when exiting the cab into treated area. When used for this purpose, contaminated clothing may not be brought back into the cab unless in an enclosure such as a plastic bag. REMEMBER—THIS CLOTHING IS INADEQUATE TO PROTECT YOU DURING REPAIR AND CLEANING APPLICATION EQUIPMENT AND EARLY REENTRY TO TREATED AREAS! REFER TO PROTECTIVE CLOTHING AND EQUIPMENT REQUIREMENTS ABOVE.
IMPORTANT! If pesticide comes in contact with skin, wash off with soap and water and contact a physician immediately. Always wash hands, face, and arms with soap and water before smoking, eating, drinking or toileting.
AFTER WORK Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Wear only clean clothes when leaving job—do not wear contaminated clothing. Personal clothing worn during work must be stored and laundered separately from protective clothing and household articles. Store protective clothing separately from personal clothing. Clean or launder protective clothing after each use. Respirators must be cleaned and filters replaced according to instructions included with the respirators. Protective clothing and protective equipment heavily contaminated or drenched with methyl parathion must be destroyed according to state and local regulations. HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED DURING AERIAL APPLICATION. HUMAN FLAGGERS ARE PROHIBITED.

ENVIRONMENTAL HAZARDS
 This pesticide is highly toxic to aquatic invertebrates and wild life. Birds in treated areas may be killed. Do not apply directly to water or other aquatic habitats (streams, marshes, bays and ponds). Run-off and drift from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water by cleaning of equipment or disposal of wastes.

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coverage. Ground application--dilute in a minimum of 10-30 gallons of water. Aerial application--dilute in a minimum of 3-10 gallons of water. READ ENTIRE LABEL. Use strictly in accordance with dangers and directions, and with applicable State and Federal regulations. Timing and dosage vary greatly between districts, as a consequence of local weather or conditions. Always follow the recommendations of State Agricultural Service concerning specific usage.

ALFALFA

Spotted alfalfa aphid; Apply 3/4 pint per acre in sufficient water for good coverage. Do not apply within 15 days of cutting or pasturing. Do not apply if the crop or weeds in the treatment area are in bloom.

SEED ALFALFA

Lygus bugs; Apply 1 1/2 to 2 1/2 pints per acre in sufficient water for good coverage. Do not apply within 20 days of harvest. Do not apply if the crop or weeds in the treatment area are in bloom.

BEETS

Armyworms (up to 3rd instar), leafhoppers, red spider mites; Apply 1 to 2 pints per acre in sufficient water to cover. Do not apply within 15 days of harvest or within 21 days if tops are to be used for feed or food.

BROCCOLI, BRUSSEL SPROUTS, CABBAGE

Aphids, armyworms (up to 3rd instar), fleabeetles, thrips, red spider mites; Apply 2 to 3 pints per acre in sufficient water to cover. Do not apply within 21 days of harvest.

SUGAR BEETS

Armyworms (up to 3rd instar), fleabeetles, red spider mites, leafhoppers; Apply 1/2 pint per acre in sufficient water to cover. Do not apply within 20 days of harvest or within 60 days if tops are to be fed to livestock.

COTTON

Stink bugs, lygus bugs, red spider mites; Apply 1 to 2 pints per acre in sufficient water to cover. do not apply within 15 days of harvest. Workers entering fields within 48 hours after applications should wear protective clothing.

CARROTS

Aphids; Apply 1 to 2 pints per acre in sufficient water to cover. Do not apply within 15 days of harvest or use treated tops for food or forage.

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CELERY, PEAS, LETTUCE, SPINACH

Aphids, armyworms (up to 3rd instar), fleabeetles, leafhoppers, red spider mites; Apply 1 to 2 pints per acre in sufficient water to cover. Do not apply to celery or peas within 15 days of harvest. Do not apply to lettuce or spinach within 21 days of harvest. Do not apply if the crop or weeds in the treatment area are in bloom.

Prokil Methyl Parathion 4 is compatible with the following: Pyrethrum, Oils, Dinitros, Methoxychlor, Tedion, Thiodan, Kelthane, Chlorobenzilate, Malathion, Guthion, Phosdrin, Dibrom, Phosphamidon, Vapona, Cygon, Dylox, Trithion, Sevin, Diazinon, Delnav, Parathion.