

Reg # 4787-18

PM-19

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

APR 18 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

P. Leanne Pruett
CHEMINOVA
1700 Route 23, Suite 210
Wayne, NJ 07034

Subject: Label Amendment Submission of 03/25/94 in Response to PR Notice 93-7
EPA Reg. No. 4787-18
METHYL PARATHION 7-5 EC

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

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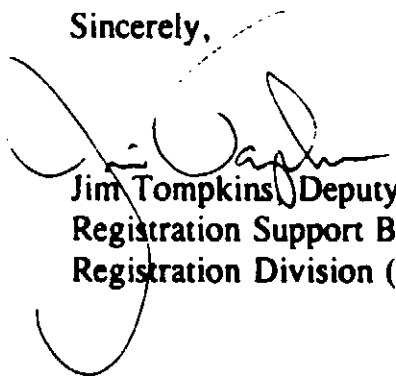
Submit the final printed labeling via the U.S. Postal Service to:

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

RESTRICTED USE PESTICIDE

Due to very high acute toxicity to Humans and Birds.
For retail sale to and use only by Certified Applicators 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.

METHYL PARATHION 7.5 EC

ACTIVE INGREDIENTS

*Parathion (O,O-dimethyl O-p-nitrophenyl phosphorothioate)	70.74%
Related Compounds	2.76%
INERT INGREDIENTS	26.5%
 TOTAL	 100.00%

* Equivalent to 7.5 lbs. of 100% methyl parathion per gallon

KEEP OUT OF REACH OF CHILDREN

POISON



DANGER

PELIGRO

ACCEPTED
with COMMENTS
In EPA Letter Dated

APR 18 1981
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
4787-18

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

Si usted no entiende la etiqueta busque a alquen 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).

EPA Reg. No. 4787-18

EPA Est. No. 51036-GA-1

4917

Manufactured by: Cheminova Agro A/S
P. O. Box 9
DK 7620
Lemvig, Denmark

NET CONTENTS: _____

FIRST AID TREATMENT
"STATEMENT OF PRACTICAL TREATMENT"

This product is an organophosphate and is a cholinesterase inhibitor.

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to methyl parathion and describe his condition. If doctor cannot come, take victim to clinic or hospital. Move victim immediately from the area where methyl parathion is present.

IF INHALED, remove victim to fresh air. If not breathing, immediately give artificial respiration, preferably mouth-to-mouth, and maintain until doctor sees victim. If breathing is difficult, give oxygen.

IF IN EYES OR ON SKIN, immediately flush with plenty of water for at least 15 minutes ~~while removing contaminated personal clothing and shoes to avoid continued possible exposure to victim or persons in attendance.~~

IF SWALLOWED, induce vomiting immediately by giving two glasses of water and by touching back of throat with finger. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Have victim lie down and keep quiet.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Precautionary Statements:

DANGER

POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. RAPIDLY ABSORBED THROUGH SKIN. REPEATED EXPOSURE MAY, WITHOUT SYMPTOMS, BE INCREASINGLY HAZARDOUS. Do not breathe vapors or dust. Do not get in eyes, on skin or on clothing. If symptoms or signs of poisoning include blurred vision, abdominal cramps and tightness in the chest, get medical attention immediately.

POISON SIGNS (Symptoms)

Methyl parathion is a very dangerous poison. It rapidly enters the body on contact with all 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: Headaches, nausea, vomiting, cramps, weakness, blurred vision, pin-point pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

NOTE TO PHYSICIAN

Antidote - administer 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 atropinization appear. 2-PAM chloride is a pharmacologic antidote and may be administered as an adjunct to, but not a substitute for, atropine, which is a symptomatic and often life saving antidote. DO NOT GIVE MORPHINE OR TRANQUILIZERS BECAUSE THESE ANTIDOTES MAY PRODUCE ADVERSE EFFECT ACCENTUATING THE PHARMACOLOGIC EFFECT OF THIS PRODUCT. This product is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur, and fatal relapses have been reported after initial improvements. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

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ENVIRONMENTAL HAZARDS

TERRESTRIAL SITES

This pesticide is highly toxic to aquatic invertebrates and wildlife. Birds in treated areas may be killed. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Runoff and drift from target areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water by cleaning of equipment or disposal of wastes

AQUATIC SITES (RICE)

This pesticide is highly toxic to aquatic invertebrates and wildlife. Shrimp and other aquatic organisms may be killed at recommended application rates. Do not contaminate water by cleaning of equipment or disposal of wastes.

AQUATIC SITES (MOSQUITO LARVICIDE)

This pesticide is highly toxic to aquatic invertebrates and wildlife. Shrimp and other aquatic organisms in treated waters may be killed. When treating lakes or other open bodies of water, apply only to shallow edges. Consult with state fish and game departments before applying to public waters. Do not contaminate water by cleaning of equipment or disposal of wastes

BEE PRECAUTION

This product is highly toxic to bees exposed to direct treatment or 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 or store near heat or open flame.

In case of:

FIRE - Use water spray, foam, dry chemical or CO2

SPILL or LEAK, keep all unprotected persons away. Cover with absorbent such as soda ash, lime, clay or saw dust. Sweep up and bury. Wash area thoroughly with strong lye solution.

WORK SAFETY RULES

The National Pesticide Telecommunication Network is available for recommendations regarding poisoning management, emergency treatment, and other information regarding the toxicity of methyl parathion. The toll free number for the National Pesticide Telecommunication Network is 1-800-858-7378.

If handled indoors provide mechanical exhaust ventilation. Keep all unprotected persons, children livestock and pets away from treated area or where there is danger of drift. 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.

Personal Protective Equipment

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

Applicators and other handlers must wear:

- ~~Chemical-resistant coveralls~~ *Coveralls over long-sleeved shirt and long pants*
- Chemical-resistant gloves, such as Barrier Laminate, or Butyl Rubber \geq 14 mils, or Nitrile Rubber \geq 14 mils or Viton \geq 14 mils
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear
- Chemical-resistant apron when cleaning, mixing or loading
- For exposures in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)
- For exposure ^(C) outdoors, a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

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.
- 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.

~~HANDLE THE CONCENTRATE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT. Wear a protective suit of one or two pieces that covers all parts of the body except the head, hands and feet. Wear chemical resistant gloves, chemical resistant apron, and chemical resistant 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 RE-ENTRY INTO TREATED FIELDS. Protective suit of one or two pieces covering all parts of the body except the head, hands and feet; chemical resistant gloves, 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 AND 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 OF 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 cleansed 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.

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.

CHEMIGATION PROHIBITION

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

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 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 48 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:

- ~~Chemical-resistant coveralls~~ Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves, such as Barrier Laminate, or Butyl Rubber \geq 14 mils, or Nitrile rubber \geq 14 mils, or Viton \geq 14 mils
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

REENTRY STATEMENT

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. Do not enter treated areas for 48 hours unless appropriate protective clothing is worn. 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.

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.

ORAL WARNINGS shall inform workers of area or fields that may not be entered, without protective equipment and clothing specified on this label. During treatment or for 48 hours following treatment. Follow First aid Treatment instructions shown on this label in case of accidental exposure.

~~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 WARNINGS must include the following information.
DANGER - Area treated with parathion on (date of application). Do not enter without appropriate protective clothing for 48 hours. Follow First Aid Treatment instructions shown on this product label in case of accidental exposure.~~

ATTENTION

To avoid excessive residues of parathion on food or forage crops always observe the statements found under "Directions for Use," limiting the time before harvest when parathion may be applied

Because this material is poisonous by skin contact, inhalation or swallowing it should not be used in such a manner or under weather conditions as will permit drift of the spray onto areas not intended to be treated.

~~Do not apply or allow drift to areas occupied by unprotected humans or beneficial animals.~~

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal

STORAGE AND HANDLING:

- (1) Handle container carefully so as to avoid damage and prevent spills.
- (2) Do not use or store in or around the home.
- (3) Store container in a well ventilated place.
- (4) Empty container retains vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.
- (5) Keep out of reach of children and domestic animals.

PESTICIDE DISPOSAL:

Wastes of this pesticide are acutely hazardous. Improper disposal of excess pesticide, spray mixtures or rinsate is a violation of Federal law. If these wastes cannot be disposed of according to label use 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 incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

RECOMMENDED USES

BE SURE TO READ THE PRECAUTIONARY STATEMENTS BEFORE USING

This product is designed for application after dilution with water and for use by trained operators using airplane or power ground equipment. The hazards and precautions for handling the product in this container are equally applicable to it after dilution with water for spray application. Add the concentrate to the spray tank while filling with water, and mix thoroughly either by means of a tank agitator or pump by-pass. For best results, thoroughly cover all surfaces to be treated with spray. Rates of application given below should not be exceeded. Never apply later than indicated to assure residue levels at harvest are below tolerances established by the Food and Drug Administration. Consult the State Agricultural Extension Service or Experiment Station for specific recommendations regarding application, dosage and timing of sprays.

For application by ground equipment, add the desired amount of concentrate to sufficient water to apply at least 3 gallons of water per acre.

For application by aircraft, add the amount of concentrate desired per acre to 1/2 to 3 gallons of water consistent with crop growth and good coverage.

CEREAL

BARLEY, OATS, RYE AND WHEAT: For barley thrips, use 1/4 to 3/8 pint per acre. For aphids (including greenbugs), armyworms up to third instar, leafhoppers and winter grain mites, use 1/4 to 3/4 pint per acre. For climbing cutworms and grasshoppers use 1/8 to 1/2 pint per acre. For chinch bugs, false chinch bugs and Say's plant bugs, use 3/4 pint per acre. For Western or brown wheat mites, use 1/2 pint per acre. Do not use more than 1/4 pint per acre within 15 days of harvest.

CORN: For control of armyworms up to third instar, climbing cutworms, corn leaf aphids, corn rootworm adults, fall armyworms and stink bugs, use 1/4 pint per acre. For grasshoppers, use 1/2 pint per acre. Do not apply within 12 days of harvest. Do not apply to corn during the pollen shed period.

RICE: Rice stink bugs, 1/4 to 1/2 pint per acre. Armyworms, 1/3 to 3/4 pint per acre. (Do not apply within 15 days of harvest. Crabs, crayfish and shrimp may be killed. Do not apply where they are important resources). Rice leafminer and tadpole shrimp, 1/4 pint per acre. (Use restricted in California. Apply at first sign of infestation after planting. Apply by air in 5 to 10 gallons of water. Restrict spill from rice fields for 3 days. Do not use within 14 days of application of propanyl as injury may result.)

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SORGHUM: For corn leaf aphids and mites, use 1/2 pint per acre. For sorghum midges, use 1/2 pint to 1/2 quart per acre, 2 applications, 3 to 5 days apart when approximately 90% of the heads have completely emerged from the boot or not later than start of blooming. Do not apply closer than 21 days before harvest. Leaf injury may occur on some hybrid varieties of sorghum. Spray a few rows a week or so before booting to test effects upon plants.

FIELD AND FORAGE CROPS

ALFALFA AND CLOVER: For control of alfalfa weevil larvae, aphids (including spotted alfalfa aphids), and climbing cutworms, use 1/4 to 1/2 pint per acre. For alfalfa caterpillars, adult alfalfa weevils, armyworms up to third instar, clover leaf weevils and webworms, use 1/2 pint per acre. For Egyptian alfalfa weevils, leafhoppers, Lygus bugs and spider mites, use 1/2 to 1 pint per acre. Do not treat closer than 15 days before harvest, cutting or grazing. In California and Nevada do not use more than 1/8 pint per acre. Do not apply if the crop or weeds in the treatment area are in bloom.

COTTON: Fleahoppers (including Cotton fleahopper) and thrips, 1/8 to 1/2 pint per acre. (for thrips, apply before or during the 4-leaf stage and repeat 1 to 3 times at 7 to 10 day intervals.) Grasshoppers, 1/4 pint per acre. Cotton leafworm and garden webworm, 1/4 to 1/2 pint per acre. Lygus bugs, mites, spiders (including desert spider mites and two-spotted spider mites), 1/4 to 1 pint per acre. False chinch bug and Southern green stink bug, 1/2 pint per acre. Aphids (including cotton aphid), fall armyworms, cotton leaf perforator, cutworms 1/2 to 1 pint per acre. (For aphids, including cotton aphid, apply when aphids appear in bugs and on leaves of seedlings or when honey dew appears on older plants.) Boll Weevil, 1/2 to 3 pints per acre. (For early season control of overwintering Boll Weevils, apply as early as the 2 to 4 leaf stage and repeat 1 to 3 times at 7 to 10 day intervals. For midseason control, apply at the start of squaring or after 10 to 25% of the first squares are punctured and repeat at 3 to 8 day intervals as needed or until the top bolls are full grown. repeat at 3 day intervals during the major fruiting season, and periods of heavy weevil migration.) Saltmarsh caterpillars, stink bugs and leafroller, 1 pint per acre. Bollworms, 1 to 3 pints per acre. Do not apply within 7 days of harvest or handpicking. Armyworms, 1 to 2 pints per acre.

CAUTION: When necessary to enter treated cotton fields within 48 hours after application, protective clothing should be worn. Do not apply within 7 days of harvest or handpicking cotton.

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GRASS (Forage): For control of armyworms up to third instar, crested wheat bugs, false chinch bugs, grasshoppers and leafhoppers, use 3/4 pint per acre. For range caterpillar, use 1/2 pint per acre. Do not apply within 15 days of harvest or grazing.

SOYBEANS: For control of climbing cutworms and three-cornered alfalfa hoppers, use 1/4 pint per acre. For control of garden webworms and grasshoppers, use 1/4 to 1/2 pint per acre. For control of aphids, blister beetles, Mexican bean beetles, stink bugs, two spotted mites and velvetbean caterpillars, use 1/2 pint per acre. For bollworms, cabbage loopers, fall armyworms up to third instar and green cloverworms, use 1/2 quart per acre. Do not apply closer than 20 days before harvest or grazing.

SUGAR BEETS: For aphids, armyworms up to third instar, flea beetles, grasshoppers, leafhoppers, Lygus bugs, stink bugs and webworms, use 1/4 to 3/8 pint per acre. Do not treat closer than 20 days before harvest. 60 days if tops are to be fed to livestock.

VETCH for control of aphids, armyworms up to third instar, climbing cutworms, leafhoppers, Lygus bugs, spider mites and vetch bruchids, use 1/2 to 1 pint per acre. Do not treat closer than 15 days before harvest or grazing.

OIL SEED CROPS

SUNFLOWER: For control of sunflower moth, sunflower seed weevil and sunflower maggot, use 1 pint per acre. Make no more than 3 applications at 5-day intervals. Do not apply within 30 days of harvest. Do not feed seeds to birds.

VEGETABLES

APPLY AT THE RATES INDICATED FOR THE FOLLOWING CROPS. MAKE NO APPLICATIONS CLOSER THAN 5 DAYS BEFORE HARVEST.

POTATOES: For control of aphids, armyworms up to third instar, cabbage loopers, false chinch bugs, flea beetles, leafhoppers, mites and shield bugs, use 3/4 quart per acre.

SWEET POTATOES: For control of aphids, armyworms up to third instar, surface feeding and climbing cutworms, flea beetles, leafhoppers and mites, use 3/4 pint per acre.

APPLY AT THE RATES INDICATED FOR THE FOLLOWING CROPS. MAKE NO APPLICATIONS CLOSER THAN 7 DAYS BEFORE HARVEST.

BROCCOLI: For control of aphids, armyworms up to third instar, flea beetles, leafhoppers and mites, use 1/2 to 1 1/2 pints per acre. For cabbage loopers and stink bugs, use 1 to 1 1/2 pints per acre. Rates above 1/2 pint should not be applied closer than 21 days before harvest

BRUSSELS SPROUTS: For control of aphids, armyworms up to third instar, flea beetles, leafhoppers and mites, use 1/2 to 1 1/2 pints per acre. For cabbage loopers and stink bugs, use 1 to 1 1/2 pints per acre. Rates above 1/2 pint should not be applied closer than 21 days before harvest.

CAULIFLOWER: For control of aphids, armyworms up to third instar, flea beetles, leafhoppers and mites, use 1/2 to 1 1/2 pints per acre. For cabbage loopers and stink bugs, use 1 to 1 1/2 pints per acre. Rates above 1/2 pint should not be applied closer than 21 days before harvest.

KOHLRABI: For control of aphids, armyworms up to third instar, flea beetles, leafhoppers and mites, use 1/2 to 1 1/2 pints per acre. For cabbage looper and stink bugs, use 1 to 1 1/2 pints per acre. Rates above 1/2 pint should not be applied closer than 21 days before harvest.

RUTABAGAS: For control of aphids, armyworms up to third instar, flea beetles, leafhoppers and mites, use 1/2 to 1 1/2 pints per acre. For cabbage loopers use 1 to 1 1/2 pints per acre. Rates above 1/2 pint should not be applied closer than 21 days of harvest.

APPLY AT THE RATES INDICATED FOR THE FOLLOWING CROPS. MAKE NO APPLICATIONS CLOSER THAN 10 DAYS BEFORE HARVEST.

CABBAGE: For control of aphids, armyworms up to third instar, flea beetles, leafhoppers and mites use 1/2 to 1 1/2 pint per acre. For cabbage loopers and stink bugs, use 1 to 1 1/2 pints per acre. Rates above 1/2 pint should not be applied closer than 21 days before harvest.

COLLARDS, KALE AND MUSTARD: For control of aphids, armyworms up to third instar, flea beetles, leafhoppers and mites, use 1/2 to 1 1/2 pints per acre. For cabbage loopers and stink bugs, use 1 to 1 1/2 pints per acre. Rates above 1/2 pint should not be applied closer than 21 days before harvest.

PEAS For control of aphids, armyworms up to third instar, flea beetles, leafhoppers, Lygus bugs and mites use 1/2 to 1 pint per acre. For cabbage loopers, cowpea curculio, surface feeding and climbing cutworms and stink bugs, use 1 pint per acre. Rates above 1/2 pint should not be applied closer than 15 days before harvest. Do not apply if the crop or weeds in the treatment area are in bloom.

APPLY AT THE RATES INDICATED FOR THE FOLLOWING CROPS. MAKE NO APPLICATIONS CLOSER THAN 15 DAYS BEFORE HARVEST.

BEANS (Dry and Green): For control of aphids, armyworms up to third instar, flea beetles, leafhoppers Lygus bugs and mites, use 1/2 to 1 1/2 pints per acre. For cowpea curculio, surface feeding and climbing cutworms, and stink bugs, use 1 to 1 1/2 pints per acre. Rates above 1/2 pint should not be applied closer than 21 days before harvest. Do not apply if the crop or weeds in the treatment area are in bloom.

BEETS: Armyworms, flea beetles, leafhoppers and mites, 1/2 to 1 pint per acre. Do not apply within 15 days of harvest. Do not apply within 21 days if tops are to be used for food or feed. Imported cabbageworm, plant bugs (including Lygus bugs) and stink bugs, 1 pint per acre. Do not apply within 15 days of harvest. Do not apply within 21 days if tops are to be used for food and feed. Aphids, 1 to 1 1/4 pints per acre. Do not apply within 15 days of harvest. Do not apply within 21 days if tops are to be used for food or feed.

CARROTS: For control of aphids, armyworms up to third instar, surface feeding and climbing cutworms, flea beetles, leafhoppers and mites, use 1/2 quart per acre. Do not feed tops.

CELERY For control of aphids, armyworms up to third instar, cabbage loopers, flea beetles, leafhoppers, Lygus bugs, mites and stink bugs, use 1/2 quart per acre.

ONIONS For control of thrips, use 1/4 pint per acre.

SPINACH: For control of aphids, armyworms up to third instar, flea beetles, leafhoppers, mites, seed corn maggots in crown and crown mites, use 1/2 to 1 pint per acre. For cabbage loopers, use 1 pint per acre. Rates above 1/2 pint should not be applied closer than 21 days before harvest.

TURNIPS: For control of aphids, armyworms up to third instar, flea beetles, leafhoppers, leaf miners and mites, use 1/2 to 3/4 pint per acre. For cabbage loopers, use 1/4 pint per acre. If tops are to be used for food or feed do not apply closer than 21 days before harvest.

APPLY AT THE RATES INDICATED FOR THE FOLLOWING CROPS. MAKE NO APPLICATIONS CLOSER THAN 21 DAYS BEFORE HARVEST.

LETTUCE: For control of aphids, armyworms up to third instar, cabbage loopers, flea beetles, leafhoppers and mites, use 1/2 quart per acre.

OTHER USES

NONAGRICULTURAL LAND, WASTELAND: Mosquitoes (larvae), 2 ounces per acre. DO NOT apply within 7 days of harvest. For use by mosquito abatement districts and official governmental agencies only. Repeat as needed. Toxic to fish and wildlife. DO NOT use where shrimp and crabs are important resources. DO NOT use in any estuaries or coastal or tidal areas along any coast line.

ORNAMENTALS: (Woody Shrubs, Trees and Vines), Christmas Tree Plantation (Pines), European Pine Shoot Moth and Nantucket Pine Tip Moth, 1 pint per acre. Apply in 5 to 50 gallons water.

CONDITIONS OF SALE

All statements concerning the use of this product apply only when used as directed. THE MANUFACTURER MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THIS PRODUCT OR ITS USE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE LABEL. Read all directions carefully.