



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

JAN 31 1994

**H. R. McLane
AMVAC CHEMICAL CORP.
4100 East Washington Blvd
Los Angeles, CA 90023**

**OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES**

**Subject: Label Amendment Submission of 07/29/93 in Response to PR Notice 93-7
EPA Reg. No. 5481-114
PHOSDRIN IPA 4 INSECTICIDE**

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-based ink on paper that
contains at least 50% recycled fiber

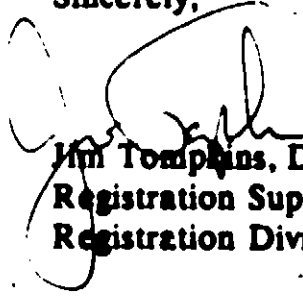
Submit the final printed labeling via the U.S. Postal Service to:

**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**

**H.R. McLane
AMVAC CHEMICAL CORP
4100 EAST WASHINGTON BLVD
LOS ANGELES CA 90023**

**Subject: Label Amendment Submission of 07/29/93
in Compliance with PR Notice 93-7
EPA Reg Nr. 5481-114
PHOSDRIN IPA 4 INSECTICIDE**

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

The headgear requirement for early entry in the Agricultural Use Requirements box on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Chemical-resistant headgear for overhead exposure." The exact location is shown in Sections F and G on Part 2 of the Product Worksheet in Supplement Three-A to PR Ntoice 93-7.

Chemical resistant apron required for mixing/loading and cleaning equipment.

Remove all chemical resistant protective suit off label and replace with coverall over long shirt and long pants, unless you want to layout label requirements for a heat stress management program.

RESTRICTED USE PESTICIDE

Due to Very High Acute Toxicity to Humans and Residue effects on Avian, Mammalian and Aquatic Species. 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 Applicators 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." Certified applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.

Phosdrin® IPA 4

ORGANOPHOSPHATE INSECTICIDE

ACTIVE INGREDIENTS:

Mevinphos (2-Carbomethoxy-1-methylvinyl dimethyl phosphite, alpha isomer) - - 31.5%

Mevinphos (2-Carbomethoxy-1-methylvinyl dimethyl phosphite, beta isomer) - - 12.5%

INERT INGREDIENTS: - - - - - 56.0%

Total 100.0%

NOTE: The decrease in the percentages (from 50.0% to 44.0%) and in the pounds per gallon (from 4 lbs. to 3.5 lbs.) of total active ingredients does not represent a reduction in strength but in the redesignation of the manufacturing impurities from "active" to "inert". Application rates in pints or quarts per acre in the use directions remain the same. Use of product at higher rates is a misuse and could result in illegal crop residues and the need to destroy those crops.

Phosdrin® Reg. T.M. Amvac Chemical Corporation - "Contains Aromatic Solvent" Contains 3.5 lbs. Mevinphos per Gallon.

KEEP OUT OF REACH OF CHILDREN



**DANGER - POISON
PELIGRO**



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

STATEMENTS OF PRACTICAL TREATMENT

Atropine is an Antidote. Call a physician in all cases of suspected poisoning. **IF SWALLOWED:** Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Never induce vomiting or give anything by mouth to an unconscious or convulsing person. **IF INHALED:** Remove victim to fresh air immediately. Apply artificial respiration if indicated. Get medical attention. **IF IN EYES:** Flush eyes with plenty of water for 10 minutes. Get medical attention immediately. **IF ON SKIN:** Remove contaminated clothing and immediately wash affected area with soap and water. Call a physician immediately. Wash clothing before reuse. **IF POISONING SYMPTOMS APPEAR** (See POISONING SYMPTOMS under NOTE TO PHYSICIAN.) Keep patient prone and quiet. Start artificial respiration immediately if patient is not breathing. Transport the patient immediately to the nearest hospital. SEE ANTIDOTE AND OTHER PRECAUTIONS ON SIDE PANEL

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Poisonous if swallowed, inhaled or absorbed through the skin. Rapidly absorbed through the skin. Repeated inhalation or skin contact may without symptoms, progressively increase susceptibility to MEVINPHOS insecticide poisoning. Do not swallow or get in eyes, on skin or on clothing. Do not breathe vapors. Do not contaminate food or feed products.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options follow the instructions of category "C" on an EPA chemical resistance category selection chart.

Applicators, and other Handlers must wear, Chemical-resistant protective suit. Chemical Resistant gloves such as Barner Laminat, Butyl Rubber, Nitrile Rubber, Neoprene Rubber, Polyvinyl Chloride or Viton. Chemical resistant footwear plus socks. Protective eyewear. Chemical-resistant headgear for overhead exposure. A respirator with either an organic vapor removing O/V 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).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturers instructions for cleaning /maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. (114WPSA1.PMA/07-27-93)

ACCEPTED
with COMMENTS
to EPA Letter Dated

JAN 31 1994

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

NET CONTENTS 8 GALLONS

EPA REG. NO. 8481-114 EPA EST. NO. 8481-CAT

5481-114

AMVAC CHEMICAL CORPORATION

4100 EAST WASHINGTON BLVD. • LOS ANGELES, CALIFORNIA 90023 U.S.A.

Engineering Controls Statements

Human flaggers must be in enclosed cabs. The enclosed cabs must be used in a manner that meets the requirements 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. 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.

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

IF PRODUCT IS HANDLED INDOORS provide mechanical exhaust ventilation. Keep all unprotected persons, children, livestock and pets away from treated areas 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 the first aid Statements of Practical Treatment section on this label.

NOTE TO PHYSICIAN - - - POISONING SYMPTOMS

Symptoms include weakness, headache, tightness in chest, blurred vision, non reactive pin point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps. TREATMENT - Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation Atropine Sulfate should be injected at 10 minute intervals in doses of 1 to 2 milligrams until complete atropinization has occurred. Pralidoxime chloride (2-PAM chloride) may also be used as an effective antidote in addition to and while maintaining full atropinization. In adults, an initial dose of 1 gram of 2-PAM should be injected, preferably as an infusion, in 250 cc of saline over a 15 to 20 minute period. If this is not practical, 2-PAM may be administered slowly by intravenous injection as a 5% solution in water over not less than 2 minutes. After about an hour, a second dose of 1 gram of 2-PAM will be indicated if muscle weakness has not been relieved. For infants and children, the dose of 2-PAM is 0.25 grams. Morphine is an improper treatment.

Clear chest by postural drainage. Oxygen administration may be necessary. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may without warning cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until time for cholinesterase regeneration has been attained as determined by a blood test.

For 24 hours Emergency Medical Assistance call 1-800-228-6636; Extension #169.

(114WPSA2.PM4/07-27-93)

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. For terrestrial use do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. This product 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 weed, while bees are actively visiting the treatment area.

PHYSICAL and CHEMICAL HAZARDS

Flammable: Keep away from heat or open flame. Not for use or storage in or around the home.

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 through any type of irrigation system. 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 exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry intervals. The requirement 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). Each 48 hour REI is increased to 72 hours in outdoor areas where average annual rainfall is less than 25 inches a year.

Personal Protective Equipment (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 protective suit; Chemical Resistant gloves such as Barrier Laminate, Butyl Rubber, Nitrile Rubber, Neoprene Rubber, Polyvinyl Chloride or Viton; Chemical resistant footwear plus socks; Protective eyewear.

Notify the workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

STORAGE AND DISPOSAL

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

STORAGE: Store product in original container in a cool, dry, locked place out of reach of children. Product is flammable. Keep away from heat and open flame. If spilled, avoid exposure. If significant spill, call CHEMTREC (800) 424-6300 or (213)264-3910. Spill can be contained by covering with a sufficient amount of absorbent material such as clay, diatomaceous earth, sand, sawdust, or sweeping compound. Place in drum, label contents, & dispose of according to the instructions below in pesticide disposal. **CAUTION:** Wear a pesticide respirator and avoid forming dust clouds during clean-up.

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 nearest State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.

CONTAINER DISPOSAL: (Metal) Triple rinse (or equivalent) Then offer for recycling or reconditioning, or puncture & dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. (Plastic) 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.

(114WPSA3.PM4/07-27-93)

For complete Directions For Use on approved crops see Supplemental Label or Booklet either attached to, or available with this product container.

ORGANOPHOSPHORUS PESTICIDE, LIQUID, N.O.S.
44% MEVINPHOS IN ISOPROPANOL
(See Note on Front of Label Affixed to Container)
FLAMMABLE LIQUID, POISON, UN 2783 (RQ-1A,454)

Phosdrin® IPA 4

Supplemental/Booklet

Labeling for Use on Crops

EPA REG. NO. 5481-114 EPA Est. No. 5481-CA -1

See Label Affixed to the Product for Complete Active Ingredient Statement, Precautionary Labeling, Worker Protection Standards and Restricted-entry Intervals (REI).

READ THE DIRECTIONS CAREFULLY AND FOLLOW THEM AT ALL TIMES

Application can be made by aircraft or ground power equipment by trained personnel only using approved protective equipment. Do not apply with hand equipment. Pour specified amount of this product into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operation. If mixture does not mix readily, but tends to separate as an oily layer, do not use as injury to plants may result. Do not combine with wettable powders unless previous use of the mixture has proven physically compatible and safe to plants. Always thoroughly emulsify this product with at least half of total water before adding wettable powder.

SUGGESTED WATER RATES TO USE PER ACRE FOR AIRCRAFT AND GROUND APPLICATION

The actual rate required to provide thorough, uniform coverage varies with plant growth at time of application. Except as specified for certain uses, mix the recommended rate of Phosdrin IPA 4 in the following amounts of water to cover a broad range of conditions. Therefore, always use higher rates of water mix per acre to give thorough spray coverage of mature plants with heavier foliage.

CROP	APPLIED BY AIR	APPLIED BY GROUND
Vegetable & Field Crops	5-20 Gals. Water /Acre	20-125 Gals. Water /Acre
Grapes	7-25 "	20-200 "
Orchard Crops	10-20 " " "	40-800 " " "

FRUIT AND NUT CROPS

Observe Restricted-entry Intervals (REI). See Worker Protection Standard Statements on label affixed to Product Container.

APPLES, PEACHES, PEARS, PLUMS: For control of Aphids, and Mites use 1/4 to 1/2 pt. per 100 gals. water. For control of Grasshoppers, Lygus Bugs, and Red-Banded Leaf Roller use 1/2 to 2/3 pt. per 100 gals. water. Do not treat within 1 day of harvest or apply more than 5 pts. per acre on peaches and plums, 6 1/2 pts. per acre on apples and pears. (REI - peaches 4 days other crops REI - 48 hours)

CHERRIES (SOUR ONLY): For control of Aphids and Mites use 1/2 to 2/3 pt. per 100 gals. water. Do not treat within 2 days of harvest, or apply more than 5 pts. per acre. (REI - 48 hours)

CITRUS - ORANGES, LEMONS, GRAPEFRUIT: For control of Aphids use 1 to 2 pts. per acre in 200 or more gals. water. For control of Fruit Tree Leafroller, Orange Tortrix and Omnivorous Leafroller, use 1 qt. per acre in 500 gals. water. For control of Western Tussock Moth larvae, Citrus Cutworm, Variegated Cutworm and Pink Scavenger Caterpillar use 2 qt. per acre in 1200 gallons water. Allow at least 7 days between application. Do not treat within 1 day of harvest. (REI - 4 days)

GRAPES: For control of Aphids use 1/2 to 1 pt. per acre. Do not treat within 2 day of harvest. For control of Leaf Folder, Leafhoppers, Mites, Red Banded Leafroller and Lygus Bugs use 1 qt. per acre. At the 1 qt. dosage do not treat within 5 days of harvest. (REI - 4 days.)

STRAWBERRIES: For control of Aphids and Mites use 1/4 to 1/2 pt. per 100 gals. water. For control of Grasshoppers, Strawberry Leafroller, Salt-marsh Caterpillar and Lygus Bugs use 1/2 to 1 pt. per 100 gals. water. Do not treat within 1 day of harvest. For hard-to-kill Aphids and Mites use 1 qt. per 100 gals. water but do not treat within 2 days of harvest or apply more than 1 qt. per acre. (REI - 48 hours)

WALNUTS: For control of Aphids and Alfalfa Caterpillar use 1/4 to 1/2 pt. per 100 gals. water. For control of Mites, Omnivorous Looper, Orange Tortrix, Fruit Tree Leafroller, and Western Tussock Moth use 1/2 pt. per 100 gals. water. Do not treat within 1 day of harvest or apply more than 5 pts. per acre. (REI - 48 hours)

FIELD CROPS

Observe Restricted-entry Intervals (REI). See Worker Protection Standard Statements on label affixed to Product Container.

ALFALFA, CLOVER: For control of Aphids and Alfalfa Caterpillar use 1/4 to 1/2 pt. per acre. For control of Grasshoppers, Leafhoppers, Cutworms (climbing), Mites, Alfalfa Weevil larvae and Lygus Bugs use 1/2 to 1 pts. per acre. Do not treat within 1 day of harvest. (REI - 48 hours)

CORN (FIELD & POPCORN) FOR FORAGE & GRAIN: For control of Aphids use 1/4 to 1 pt. per acre. Do not treat within 1 day of harvest. Phosdrin IPA 4 may cause a red or purple discoloration of corn plants similar to other organophosphate compounds. (REI - 48 hours)

MUSTARD GREENS, TURNIP TOPS: For control of Aphids use 1/4 to 1/2 pt. per acre. For control of Cabbage Looper, Imported Cabbage Worm, False Chinch Bug, Dipterous Leafminer (adults), Grasshoppers, Leafhoppers, and Mites use 1/2 to 1 pt. per acre. Do not treat within 3 days of harvest. (REI - 48 hours)

SORGHUM (FOR FORAGE AND GRAIN): For control of Aphids use 1/4 to 1/2 pt. per acre. For control of Corn Earworm, and Webworm use 1/2 to 1 pt. per acre. For control of Fall Armyworms use 1 pt. per acre. Do not treat within 3 days of harvest. Phosdrin IPA 4 may cause a red or purple discoloration of corn plants similar to other organophosphate compounds. (REI - 48 hours)

VEGETABLE CROPS

Observe Restricted-entry Intervals (REI). See Worker Protection Standard Statements on label affixed to Product Container.

ARTICHOKES: For control of Aphids use 1/4 to 1/2 pt. per acre. For control of Plume Moths (species of Leafrollers or Stem Borers) use 1 to 2 pts. per acre. Do not treat within 2 day of harvest. (REI - 48 hours)

BEANS: For control of Aphids use 1/4 to 1/2 pt. per acre. For control of Grasshoppers, Leafhoppers, Mites, and Mexican Bean Beetle use 1/2 to 1 pt. per acre. Do not treat within 1 day of harvest. (REI - 48 hours)

BEETS (INCLUDING TOPS): For control of Aphids use 1/4 to 1/2 pt. per acre. For control of Cabbage Looper, Cutworm (climbing), Dipterous Leafminer (adults), False Chinch bugs, Grasshoppers, Imported Cabbage worm, Leafhoppers, Mites and Salt-marsh Caterpillar use 1/2 to 1 pt. per acre. Do not treat within 3 days of harvest. (REI - 48 hours)

BROCCOLI CABBAGE: For control of Aphids use 1/4 to 1/2 pt. per acre. For control of Cabbage Looper, Imported Cabbage worm, Grasshoppers, Leafhoppers, Salt-marsh Caterpillar, Mites, Cutworms (climbing), Dipterous Leafminer (adults), and Lygus Bugs use 1/2 to 1 pt. per acre. Do not treat within 1 day of harvest. For hard-to-kill Aphids use 1 qt. per acre but do not treat within 3 days of harvest. (REI - 48 hours)

(114WPSB1.PM4/07-27-93)

BRUSSELS SPROUTS, CAULIFLOWER, COLLARDS,

KALE: For control of Aphids use 1/4 to 1/2 pt. per acre. For control of Cabbage Looper, Imported Cabbage worm, Grasshoppers, Leafhoppers, Salt-marsh Caterpillar, Mites, Cutworms (climbing), Dipterous Leafminer(adults), and Lygus Bugs use 1/2 to 1 pt. per acre. Do not treat within 3 days of harvest. For hard-to-kill Aphids use 1 qt. per acre, but do not treat COLLARDS and KALE within 7 days of harvest; 3 days on BRUSSELS SPROUTS and CAULIFLOWER. (REI - 48 hours)

CARROTS: For control of Aphids use 1/4 to 1/2 pt. per acre. For control of Leafhoppers, Lygus Bugs, Mites, Cabbage Looper, Dipterous Leafminer(adult), Cutworms(climbing), and Salt-marsh Caterpillar use 1/2 to 1 pt. per acre. Do not treat within 2 day of harvest. (REI - 48 hours)

CELERY: For control of Aphids use 1/4 to 1/2 pt. per acre. For control of Dipterous Leafminer(adults), Lygus Bugs, Salt-marsh Caterpillar, Leafhoppers, Cabbage Loopers and Mites use 1/2 to 1 pt. per acre. Do not treat within 3 days of harvest. For hard-to-kill Aphids use 1 qt. per acre but do not treat within 5 days of harvest. (REI - 48 hours)

CORN (SWEET) FOR GRAIN & FORAGE : For control of Aphids use 1/4 to 1 pt. per acre. Do not treat within 1 day of harvest Phosdrin IPA 4 may cause a red or purple discoloration of corn plants similar to other organophosphate compounds. (REI - 48 hours)

CUCUMBER: For control of Aphids use 1/4 to 1/2 pt. per acre. For control of Grasshoppers, Leafhoppers, and Mites, use 1/2 to 1 pt. per acre. Do not treat within 1 day of harvest. (REI - 48 hours)

EGGPLANT, PEPPERS: for control of Aphids use 1/4 to 1/2 pt. per acre. For control of Grasshoppers, Leafhoppers, and Mites use 1/2 to 1 pt. per acre. Do not treat within 2 day of harvest. (REI - 48 hours)

LETTUCE: For control of Aphids, use 1/4 to 1/2 pint per acre. For control of Corn Earworm, Cutworms (climbing), Dipterous Leafminer (adults), Cabbage Looper, Imported Cabbage Worm, Grasshoppers, Mites, Lygus Bugs, Salt-marsh Caterpillar, False Chinch Bugs, and Thrips, use 1/2 to 1 pint per acre. (REI - 48 hours)

Keep a 7 day interval between applications.

Head Lettuce - When applying 1 pint or less per acre, do not treat within 2 days of harvest. For hard-to-kill insects, including Aphids, use 1 quart per acre but do not treat within 4 days of harvest.

Leaf Lettuce - (Including Butter or Boston, Greenleaf, Redleaf and Romaine): When applying 1 pint or less per acre, do not treat within 7 days of harvest. For hard-to-kill insects, including Aphids, use 1 quart per acre but do not treat within 10 days of harvest.

MELONS (INCLUDING CANTALOUPE, HONEY-DEW MELONS, MUSKMELONS, WATERMELONS): For control of Aphids use 1/4 to 1/2 pt. per acre. For Cabbage Looper, Dipterous Leafminer(adults), Leafhoppers, Lygus Bugs, Mites, False Chinch Bugs, Salt-marsh Caterpillar, Cutworms (climbing), and Grasshoppers use 1/2 to 1 pt. per acre. To control Rindworms (Cabbage Looper, Cutworms, Salt-marsh Caterpillars, Tobacco Budworms) on WATERMELONS apply 1/2 pt. per acre. Do not treat CANTALOUPE, HONEY-DEW MELONS, MUSKMELONS OR WATERMELONS within 1 day of harvest. (REI - 48 hours)

ONIONS (INCLUDING GREEN ONIONS): For control of Thrips and Cutworms(climbing) use 1/2 to 1 pt. per acre. Do not treat within 1 day of harvest. (REI - 48 hours)

PEAS (INCLUDING VINES): For control of Aphids use 1/4 to 1/2 pt. per acre. For control of Grasshoppers, Leafhoppers, Mites and Cutworms(climbing) use 1/2 to 1 pt. per acre. Do not treat within 1 day of harvest. (REI - 48 hours)

POTATOES: For control of Aphids use 1/4 to 1/2 pt. per acre. For control of Grasshoppers, Leafhoppers, and Mites use 1/2 pt. per acre. Do not treat within 1 day of harvest. (REI - 48 hours)

SPINACH: For control of Aphids use 1/4 to 1/2 pt. per acre. For control of Cabbage Looper, Imported Cabbageworm, Grasshoppers, Leafhoppers, Mites, Dipterous Leafminer(adults), Cutworms(climbing), Salt-marsh Caterpillar, and False Chinch Bug use 1/2 to 1 pt. per acre. Do not treat within 4 days of harvest. For hard-to-kill Aphids use 1 qt. per acre but do not treat within 7 days of harvest. (REI - 48 hours)

SUMMER SQUASH: For control of Aphids use 1/4 to 1/2 pt. per acre. For control of Cabbage Looper, Dipterous Leafminer (adults), Leafhoppers, Lygus Bugs, Mites, False Chinch bugs, Salt-marsh Caterpillar, Cutworms(climbing), and Grasshoppers use 1/2 to 1 pt. per acre. Do not treat within 1 day of harvest. (REI - 48 hours)

TOMATOES: For control of Aphids use 1/4 to 1/2 pt. per acre. For control of Grasshoppers, Leafhoppers, and Mites use 1/2 to 1 pt. per acre. Do not treat within 1 day of harvest. (REI - 48 hours)

TURNIPS: For control of Aphids use 1/4 to 1/2 pt. per acre. For control of Cabbage Looper, Imported Cabbage worm, Grasshoppers, Leafhoppers, Mites False Chinch Bug and Dipterous Leafminer(adults) use 1/2 to 1 pt. per acre. Do not treat within 3 day of harvest. (REI - 48 hours)

NOTICE: This product conforms to its chemical description and is reasonably fit for the purpose stated on the label, when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller and the buyer assumes the risk of any such use. (114WPSE:2.PM4 07-27-93)

**AMVAC CHEMICAL CORPORATION**

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LOS ANGELES, CALIFORNIA 90023 U.S.A.