

PRECAUTIONARY & ANTIDOTE STATEMENT

1426-194

DANGER - HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS

POISONOUS IF SWALLOWED

This product can kill you if swallowed even in small amounts: spray mist or dust may be fatal if swallowed.

POISONOUS BY SKIN CONTACT

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

POISONOUS IF BREATHED

Breathing vapors, spray mist or dust may be fatal.

ENVIRONMENTAL HAZARDS

This product is highly toxic to bees exposed to other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply where weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of waste. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources.

Apply This Product Only As Specified On This Label

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

RE-ENTRY STATEMENT

Workers entering treated fields within 48 hours must wear protective clothing.

STORAGE AND DISPOSAL

- Prohibitions:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.
- Pesticide Disposal:** Pesticide, spray, mixture, or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.
- Container Disposal:** Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill or bury in a safe place.
- General:** Consult federal, state or local disposal authorities for approved alternative procedures.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING

- Wear water-proof pants, coat, hat, rubber boots or rubber overshoes.
- Wear safety goggles.
- Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the US Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11.
- Wear heavy duty, natural rubber gloves.

WORK SAFETY RULES

Keep all unprotected persons and children 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. Call a doctor (physician), clinic or hospital -immediately. Explain that the victim has been exposed to parathion and describe his condition. After first aid is given (see First Aid Treatment Section) and if a doctor cannot come, take victim to clinic or hospital. **IMPORTANT!** Before removing gloves, wash them

with soap and water. Always wash hands, face and arms with soap and water before smoking, eating or drinking.

AFTER WORK, take off all work clothes and shoes. Shower, using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Wash protective clothing and equipment with soap and water after each use. Respirator should be cleaned and filter replaced according to instructions included with respirator.

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: Headache, nausea, vomiting, cramps, tightness in chest, labored breathing, nervousness, sweating, wavering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

+ FIRST AID TREATMENT +

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to methyl parathion and describe his condition.

If breathing has stopped, start artificial respiration immediately and maintain until doctor sees victim.

If swallowed - Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. See doctor immediately.

NOTE TO PHYSICIAN

Antidote - administer atropine sulfate doses. TWO to FOUR mg. intravenously muscularly as soon as cyanosis is present. Repeat at 5 to 10 minute intervals until atropinization appear. 2-PAM chloride is a cholinesterase reactivator and may be administered in conjunction with atropine. **DO NOT GIVE MORPHINE TRANQUILIZERS.** Methyl Parathion is a cholinesterase inhibitor affecting the central and peripheral nervous systems and producing respiratory depression. At first sign of respiratory edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may cause fatal relapses have been reported after improvement. **VERY CLOSE SUPERVISION PATIENT IS INDICATED FOR AT LEAST 48 HOURS.**

POST TREATED AREA

Consult your State Agricultural Service or Extension Station regarding posting treated areas. **AL USARLO:** Si usted no lee ingles, no producto hasta que la etiqueta le sea explicada ampliamente.

POISON D Keep Out of Reach



SEE SIDE PANEL FOR PRECAUTIONARY STATEMENTS

FLAMMABLE MIXTURE KEEP AWAY FROM HEAT OR OPEN FLAME. NOT FOR HOME USE.

NET CONTENTS



DANGER POISON: Keep Out of Reach of Children
See other precautions on this label

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with soap and water. Always wash hands, face and
 with soap and water before smoking, eating
 or drinking.
AFTER WORK, take off all work clothes and shoes.
 Shower, using soap and water. Wear only clean
 clothes when leaving job. Do not wear contam-
 inated clothing. Wash protective clothing and
 equipment with soap and water after each use.
 Respirator should be cleaned and filter replaced
 according to instructions included with respirator.

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: Headache, nausea, vomiting,
 cramps, tightness in chest, labored breathing,
 nervousness, sweating, watering of eyes, drooling
 or frothing of mouth and nose, muscle spasms
 and coma.

+ FIRST AID TREATMENT +

Call a doctor (physician), clinic or hospital im-
 mediately. Explain that the victim has been ex-
 posed to methyl parathion and describe his
 condition.

If breathing has stopped, start artificial respira-
 tion immediately and maintain until doctor sees
 victim.

If swallowed — Drink 1 or 2 glasses of water
 and induce vomiting by touching back of throat
 with finger or blunt object. Do not induce vomit-
 ing or give anything by mouth to an unconscious
 person. Get medical attention.

In case of contact, immediately flush eyes or
 skin with plenty of water for at least 15 minutes
 while removing contaminated clothing and shoes.
 See doctor immediately.

NOTE TO PHYSICIAN

Antidote — administer atropine sulfate in large
 doses TWO to FOUR mg. intravenously or intra-
 muscularly as soon as cyanosis is overcome.
 Repeat at 5 to 10 minute intervals until signs of
 atropinization appear. 2-PAM chloride is also anti-
 dotal and may be administered in conjunction
 with atropine. DO NOT GIVE MORPHINE OR
 TRANQUILIZERS. Methyl Parathion is a strong
 cholinesterase inhibitor affecting the central and
 peripheral nervous systems and producing cardiac
 and respiratory depression. At first sign of pul-
 monary edema, the patient should be given sup-
 plemental oxygen and treated symptomatically.
 Continued absorption 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.

POST TREATED AREA

Consult your State Agricultural Service or Experi-
 ment Station regarding posting treated areas.
 AL USARLO: Si usted no lee ingles, no use este
 producto hasta que la etiqueta le haya sido
 explicada ampliamente.

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STOP - READ LABEL BEFORE USING!

RESTRICTED USE PESTICIDE

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.

Agro-Chem Brand

Mfg. For: CHEMICAL DISTRIBUTORS, INC.

U.S.A.



P.O. BOX 21587 PHOENIX, ARIZ. 85036 PHONE 602 243-2711

METHYL PARATHION 4-E
EMULSIFIABLE

ACTIVE INGREDIENT(S):

O,O-dimethyl O-p-nitrophenyl thiophosphate*	45.52%
Xylene Range Aromatic Solvent	48.20%
INERT INGREDIENT	6.28%
	100.00%

*Methyl Parathion

CONTAINS 4 POUNDS METHYL PARATHION PER GALLON

POISON DANGER
 Keep Out of Reach of Children



SEE SIDE PANEL FOR PRECAUTIONARY STATEMENTS

FLAME. NOT FOR HOME USE.

1525-174

Keep Out of Reach of Children.
See other precautions on this label.



NOTICE

Seller makes no warranty, expressed or implied, concerning
 the use of this product other than indicated on the label.
 Buyer assumes all risk of use and/or handling of this material
 when such use and/or handling is contrary to label
 instructions.

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

DIRECTIONS FOR USE

ACCEPTED

JUN 19 1980

Agro-Chem Brand

Under the Federal Insecticide, Fungicide, and Rodenticide Act, for the pesticide registered under EPA Reg. No. 7526-194

METHYL PARATHION 4-E EMULSIFIABLE

Do not use this product for any use other than those specified on the label.

Per acre water usage: Mix 1/2 pint of this product with the amount of water otherwise designated in the directions for use. For broadcast application, use a minimum of 10-20 gallons water. For spot application, use a minimum of 3-10 gallons water.

NOTE: Important: Do not apply this product to crops for which it is not registered or to any crop for which its use may be registered but application would be closer to harvest than recommended. This product is to be applied as a foliar application unless otherwise specified in the directions for use.

TEAR ALONG THIS LINE



DANGER POISON: Keep Out of Reach of Children.
See other precautions on this label.



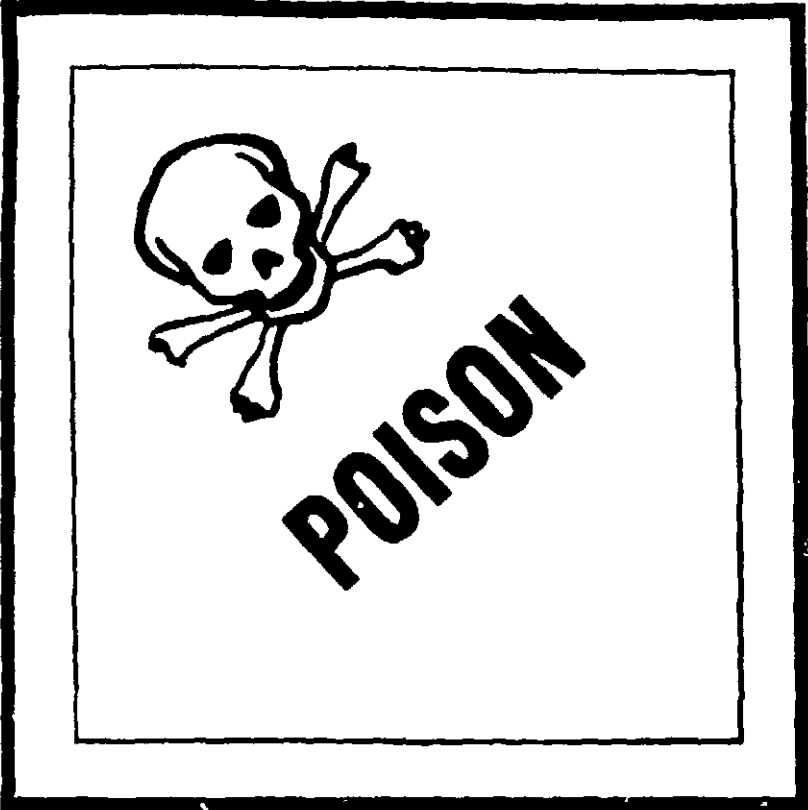
BEST DOCUMENT AVAILABLE



POISON

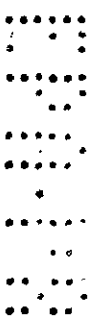
**ORGANIC PHOSPHATE COMPO
LIQUID**

TEAR ALONG THIS LINE



**ORGANIC PHOSPHATE COMPOUND
LIQUID**

1506-176



1526-194

CROP	CROP PEST	DOSAGE RATE / ACRE	LIMITATIONS
Alfalfa	Alfalfa Acanth larvae, Aphids, Armyworms, Climbing Cutworms, Flea Beetles, Leafhoppers	1/2 Pint	Do not apply within 15 days before harvest of crops. Do not apply when rates up to 1 quart per acre are used. Do not apply within 20 days before harvest for storage use. When rates above 1 quart per acre are used, when applied to seed crops, apply in early morning or late evening to avoid injury to bees. In California and Nevada, Do not apply more than 1/2 pint of this product per acre.
	Ligule Bugs, Mites, Stink Bugs (Seed Crop Only)	1/2 1/2 pints	
	Alfalfa Seed Chalcids (Seed Crop Only)	1/2 2/3 pints	
	Alfalfa Caterpillars, Alfalfa Weevil, Adults, Clover Leaf Weevils, Webworms	1 pint	
	Egyptian Alfalfa Weevil's	1 pint - 1 qt	
Artichokes	Aphids, Armyworms up to 3rd instar, Plant Bugs	1 pint	Do not apply within 7 days before harvest.
	Artichoke Plume Moths, Cutworms, Cabbage Looper's	1 quart for Artichoke Plume Moths, if plants are cut in April and May, begin applications after September and repeat at 14-21 day intervals as needed through December. 30 day intervals through Jan. and February, 14 day intervals from March through the end of picking season. Workers should not enter fields within 7 days after application.	
Barley	Brown wheat Mites	1/2 Pint	Do not apply within 15 days before harvest when rates up to 1/2 pint per acre are used.
	Aphids, Bark Grass Bugs	1/2 1/2 pints	
	Harlequin Thrips	1/2 Pint	
	Leafhoppers	1/2 Pint	
	Armyworms up to 3rd instar, Winter Grass Mites, Stink Bugs	1/2 1/2 pints	
	Climbing Cutworms	1/2 Pint	
	Chinch Bugs, Leaf-Chinch Bugs, Fox Stink Bugs	1/2 Pint	
Lima Beans, Green Beans	Aphids, Armyworms, Flea Beetles, Leafhoppers, Mites, Plant Bugs	1/3 Pint	Lima Beans - Do not apply within 15 days before harvest. Green Beans - Do not apply within 15 days before harvest when rates up to 1/3 pint per acre are used. Do not apply within 15 days before harvest when rates up to 1/2 pint per acre are used.
	Colorado Cutworm, Cutworms, Mite Bugs	1/3 Pint	
	Catworms	1/3 Pint	
Beans	Aphids, Armyworms, Flea Beetles, Leafhoppers, Mites	1/3 Pint	Do not apply within 15 days before harvest when rates up to 1/3 pint per acre are used. Do not apply within 15 days before harvest when rates up to 1/2 pint per acre are used.
	Catworms, Leafhoppers, Mite Bugs	1/3 Pint	

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CROP	CROP PEST	DOSE RATE/ACRE	LIMITATIONS
Broccoli, Brussels Sprouts, Cauliflower	Aphids, Armyworms, Thrips (except on Cauliflower)	1/2 pint	Do not apply within 7 days before harvest when rates up to 1 pint per acre are used. Do not apply within 21 days before harvest when rates above 1 pint per acre are used.
	Flea Beetles, Leafhoppers, Mites	1/2 pint	
	Imported Cabbageworms, Cabbage Loopers, Stink Bugs	1 1/2 quarts	
	Plant Bugs	1 1/2 quarts	
Cabbage	Aphids, Armyworms, Thrips	1/2 pint	Do not apply within 10 days before harvest when rates up to 1 pint per acre are used. Do not apply within 21 days before harvest when rates above 1 pint per acre are used.
	Flea Beetles, Leafhoppers, Mites	1/2 pint	
	Plant Bugs	1 1/2 quarts	
	Imported Cabbageworms, Cabbage Loopers, Stink Bugs	1 1/2 quarts	
Carrots	Aphids, Armyworms, Flea Beetles, Leafhoppers, Mites	1/2 pint	Do not apply within 15 days before harvest. Do not use treated tops for food or feed.
	Cutworms, Cabbage Loopers, Plant Bugs	1 quart	
Celery	Aphids, Armyworms, Flea Beetles, Leafhoppers, Mites	1/2 pint	Do not apply within 15 days before harvest.
	Cabbage Looper, Plant Bug, Stink Bug	1 quart	
Clover	Alysiid Weevil, Lygids, Aphids, Armyworms, Leafhoppers	1/2 pint	Do not apply within 10 days before harvest when rates up to 1 pint per acre are used. Do not apply within 21 days before harvest when rates above 1 pint per acre are used.
	Lygus Bugs, Mites	1/2 pint	
	Clover Seed Chalcids, Flea Beetles, Cabbage Looper, Stink Bug	1 quart	
	Alysiid Weevil, Armyworm, Leafhopper, Mites, Westwings	1 pint	
	Thrips	1/2 pint	
	Japanese Beetle Weevils	1/2 pint	
Cucumbers	Aphids, Armyworms, Flea Beetles, Leafhoppers, Mites	1/2 pint	Do not apply within 10 days before harvest when rates up to 1 pint per acre are used. Do not apply within 21 days before harvest when rates above 1 pint per acre are used.
	Imported Cabbageworms, Cabbage Loopers, Stink Bugs, Thrips	1 quart	
	Plant Bugs	1 1/2 quarts	
Corn	Aphids, Armyworms, Cutworms, Imported Cabbageworms, Flea Beetles, Mites, Stink Bugs	1 pint	Do not apply within 10 days before harvest when rates up to 1 pint per acre are used. Do not apply within 21 days before harvest when rates above 1 pint per acre are used.

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CROP	CROP PEST	DOSE RATE/ACRE	LIMITATIONS	
Cotton	Cotton Leafworms, Fleahoppers, Thrips	1/4 pint for Thrips, apply before or during the 4 leaf stage and repeat 1-3 times at 7-10 day intervals	Do not use on workers hours after clothing.	
	Lygus Bugs	1/2 pint		
	Grasshoppers	1/2 pint		
	Garden Weevils	1/2 pint		
	Aphids, Cotton Leafhoppers, Mites, Fall Armyworms up to 3rd instar	1/2 pint for aphids, apply when aphids appear in buds, and on leaves of seedlings or when honeydew appears on older plants.		
	Beet Weevils	1/2-6 pints. Early Season Control - Apply at the 2-4 true leaf stage and repeat 1-3 times at 7-10 day intervals. Mid Season Control - Apply at start of squaring or after 10-25% of the first squares are punctured and repeat at 3-8 day intervals as needed or until the top buds are full grown. Repeat at 3 day intervals during the major fruiting season and periods of heavy migration.		
	False Thread Bugs	1 pint		
	Caterpillars	1/2 pint		
	Leafhoppers	1-1.5 pints		
	Armyworms	1/2 quart		
	Beet Weevils	1-3 quarts		
	Flea Beetles	Aphids, Fleahoppers, Spider Mites		1/2 pint
	Leafhoppers	Aphids		1/2 pint
	Japanese Beetles	Armyworms up to 3rd instar, Bark Beetles, Fleas, Fleahoppers, Bugs, Leafhoppers, Leafhoppers		1/2 pint
Mites	Aphids, Armyworms, Leafhoppers, Mites, Spider Mites	1/2 pint		
Soybeans	Aphids, Armyworms, Flea Beetles, Leafhoppers, Mites	1/2 pint	Do not use on workers hours after clothing.	
	Imported Cabbageworms, Cabbage Loopers, Stink Bugs, Thrips	1 quart		
	Plant Bugs	1 1/2 quarts		
	Cutworms	1 quart		
Wheat	Aphids, Armyworms, Flea Beetles, Leafhoppers, Mites	1/2 pint	Do not use on workers hours after clothing.	
	Imported Cabbageworms, Cabbage Loopers, Stink Bugs, Thrips	1 quart		

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LIMITATIONS
Do not apply within 7 days before harvest when rates up to 1 pint per acre are used Do not apply within 21 days before harvest when rates above 1 pint per acre are used
Do not apply within 10 days before harvest when rates up to 1 pint per acre are used Do not apply within 21 days before harvest when rates above 1 pint per acre are used
Do not apply within 15 days before harvest Do not use treated tops for food or feed
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Do not apply within 15 days before harvest Workers entering treated fields within 48 hours after application should wear protective clothing

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CROP	CROP PEST	DOSAGE RATE ACRE	LIMITATIONS
Cotton	Cotton leafworms, fruit flies, thrips	1/2 pint per acre apply before bud stage and repeat 2-3 times at 7 to 10 day intervals	Do not apply within 7 days before harvest Workers entering treated fields within 48 hours after application should wear protective clothing
	Leafhoppers	1/2 pint	
	Grasshoppers	1/2 pint	
	Eastern Woodpecker	1/2 pint	
	2nd to 4th instar beetles, May to July, Arkansas up to 3rd instar	1/2 pint per acre apply when first signs appear and repeat 2-3 times at 7 to 10 day intervals	
	B. Annals	1/2 pint per acre apply before bud stage and repeat 2-3 times at 7 to 10 day intervals	

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CROP	CROP PEST	DOSE RATE/ACRE	LIMITATIONS
Oats	Brown Wheat Mites	1/4 pint	No restrictions when rates up to 1/2 pint per acre are used. Do not apply within 15 days before harvest when rates above 1/2 pint per acre are used.
	Aphids, Black Grass Bugs	1/4 1 1/2 pints	
	Barley Thrips	1/2 1/2 pint	
	Leafhoppers	1/2 1 pint	
	Armyworms up to 3rd Instar, Winter Grain Mites, Stink Bugs	1/2-1 1/2 pints	
	Climbing Cutworms	3/4 1 pint	
	False Chinch Bugs, Say Stink Bugs	1 1/2 pints	
Onions	Thrips	1/2 1 1/4 pints	Do not apply within 15 days before harvest
Pasture irrigated	Mosquito Larvae	1.5 pint	Do not apply within 7 days before harvest or storage use
Peas	Aphids, Armyworms up to 3rd Instar, Flea Beetles, Leafhoppers, Mites, Plant Bugs	1.2 pints	Do not apply within 10 days before harvest when rates up to 1 pint per acre are used. Do not apply within 15 days before harvest when rates above 1 pint per acre are used.
	Colorado Potato Beetles, Cabbage Looppers, Stink Bugs	1 quart	
Peppers	Aphids, Armyworms, Flea Beetles, Leafhoppers, Mites	1.2 pints	Do not apply within 15 days before harvest
	Cutworms, Cabbage Looppers, Plant Bugs	1 quart	
Potatoes	Aphids, Flea Beetles	1.2 pints	Do not apply within 5 days before harvest
	Armyworms, Leafhoppers, Mites	1.2 pints	
	False Chinch Bug, Cabbage Looppers, Plant Bug, Stink Bugs	1 1/2 quarts	
Pine	False Chinch Bug	1.2 pint	Do not apply within 15 days before harvest. Do not apply where crops are frost-killed and where there are no plant resources.
	Armyworms, Leafhoppers	1.2 pints	
Raspberries	Aphids, Flea Beetles, Leafhoppers, Mites	1.2 pints	Do not apply within 15 days before harvest. Do not apply where crops are frost-killed and where there are no plant resources.
	False Chinch Bug, Cabbage Looppers, Plant Bug, Stink Bugs	1 1/2 quarts	

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CROP	CROP PEST	DOSE RATE/ACRE
Rye	Brown Wheat Mites	1/4 pint
	Aphids, Black Grass Bugs	1/4 1 1/2 pints
	Barley Thrips	1/2 1/2 pint
	Leafhoppers	1/2 1 pint
	Armyworms up to 3rd Instar, Winter Grain Mites, Stink Bugs	1/2 1 1/2 pints
	Chinch Bugs, Say Stink Bugs	1 1/2 pints
	Spider Mites	1 pint
Safflower	Spider Mites, Corn, Leaf Aphids	1 pint
	Sorghum Midge	1/2 pints
	Aphids, Greenbugs	1 1/2 pints
	Aphids	1 quart
Soybeans	Climbing Cutworms	1/2 pint
	Armyworms, Three-cornered Alfalfa Hoppers	1/2 1 pint
	Velvetbean Caterpillars, Thrips	3/4 1 pint
	Stink Bugs	1 1/2 pints
	Spider Mites, Aphids, Buster Beetles, Mexican Bean Beetles	1 pint
	Green Cloverworms, Cabbage Looppers	1.2 pints
	Armyworms, Fall Armyworms up to 3rd Instar, Bush Leaf Beetles, Corn Earworms, Grasshoppers	1 quart
Sorghum	Aphids, Armyworms, Mites, Seedcorn Maggots, Fleas	1.2 pints
	Flea Beetles, Leafhoppers	1 1/2 1.5 pints
	Cabbage Looppers, Plant Bugs	1 quart
Strawberries	Aphids	1 1/2 pints
	Mites	1 1/2 pints
Sugar Beets	Armyworms, Cutworms, Flea Beetles, Grasshoppers, Leafhoppers, Mites, Sugarbeet Weevils	1/2 1/4 pint
	Aphids, Lygus Bugs, Stink Bugs, Weevils	1/4 pint
	Spider Mites	1 quart applied at first flower
Sweet Corn	Aphids, Armyworms up to 3rd Instar, Cutworms, Flea Beetles, Leafhoppers, Stink Bugs, Spider Mites	1/2 quart
	Aphids, Cutworms	1/2 1 pint

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1/ACRE	LIMITATIONS
	No restrictions when rates up to 1/2 pint per acre are used. Do not apply within 15 days before harvest when rates above 1/2 pint per acre are used.
	Do not apply within 15 days before harvest
	Do not apply within 7 days before harvest or forage use
	Do not apply within 10 days before harvest when rates up to 1 pint per acre are used. Do not apply within 15 days before harvest when rates above 1 pint per acre are used.
	Do not apply within 15 days before harvest
	Do not apply within 5 days before harvest
	Do not apply within 10 days before harvest. Do not apply where fish, wildlife, and shrimp are important resources.
	Do not apply within 10 days before harvest when rates up to 1 pint per acre are used. Do not apply within 15 days before harvest when rates above 1 pint per acre are used.

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CROP	CROP PEST	DOSSAGE RATE ACRE	LIMITATIONS
Rye	Brown Stink Bug	1/2 pint	Do not harvest alfalfa when rates up to 1/2 pint per acre are used. Do not apply within 15 days before harvest when rates above 1/2 pint per acre are used.
	Aphids	1/2 pint	
	Beet Beetles	1/2 pint	
	Leafhoppers	1/2 pint	
	Armyworms	1/2 pint	
	Winter Wheat Mites	1/2 pint	
Safflower	Chinch Bugs	1/2 pint	Do not apply after flowering. Do not apply within 10 days before harvest. Do not use with wetting agents. Leaf injury will occur if application is made during the flowering period.
	Aphids	1/2 pint	
	Spider Mites	1/2 pint	
	Grasshoppers	1/2 pint	
	Aphids	1/2 pint	
	Aphids	1/2 pint	
Soybeans	Combing Curculionids	1/2 pint	Do not apply within 10 days before harvest. Do not apply where fish, wildlife, and shrimp are important resources.
	Weevils	1/2 pint	
	Beet Beetles	1/2 pint	
	Leaf Beetles	1/2 pint	
	Spider Mites	1/2 pint	
	Green Leafhoppers	1/2 pint	
	Armyworms	1/2 pint	
	Grasshoppers	1/2 pint	
	Grasshoppers	1/2 pint	
	Grasshoppers	1/2 pint	
Soybean	Aphids	1/2 pint	Do not apply within 10 days before harvest. Do not apply where fish, wildlife, and shrimp are important resources.
	Grasshoppers	1/2 pint	
	Grasshoppers	1/2 pint	
Strawberries	Aphids	1/2 pint	Do not apply within 10 days before harvest. Do not apply where fish, wildlife, and shrimp are important resources.
	Mites	1/2 pint	
Custard Apples	Armyworms	1/2 pint	Do not apply within 10 days before harvest. Do not apply where fish, wildlife, and shrimp are important resources.
	Grasshoppers	1/2 pint	
Soybean	Aphids	1/2 pint	Do not apply within 10 days before harvest. Do not apply where fish, wildlife, and shrimp are important resources.
	Grasshoppers	1/2 pint	

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CROP	CROP PEST	DOSAGE RATE/ACRE	LIMITATIONS
Tomatoes	Tomato Russet Mites	1/4-1 pint	Do not apply within 10 days before harvest when rates up to 1 pint per acre are used. Do not apply within 15 days before harvest when rates above 1 pint per acre are used.
	Aphids, Armyworms, Flea Beetles	1-2 pints	
	Leafhoppers, Mites	1-2 pints	
	Potato Psyllids	1-3 pints	
	Cabbage Loopers	1 1/2 quarts	
	Plant Bugs	1 quart	
Turnips	Aphids, Armyworms up to 3rd instar	1/2-1 1/2 pints	Do not apply within 7 days before harvest when rates up to 1/2 pint per acre are used. Do not apply within 15 days before harvest when rates above 1/2 pint per acre are used. Do not apply within 21 days before harvest if tops are to be used for food or feed. Do not apply within 15 days when rates up to 1 quart per acre are used. Do not apply within 21 days before harvest when rates above 1 quart per acre are used in California and Nevada. Do not apply more than 1/2 pint of this product per acre.
	Flea Beetles, Leafhoppers, Leafminers, Mites	1 1/2 pints	
	Imported Cabbage Loopers	1 1/2 pints	
	Plant Bugs	1 1/2 pints	
Vetch	Aphids, Alysia Weevil Larvae, Leafhoppers, Mites	1-1 1/2 pints	Do not apply within 15 days when rates up to 1 quart per acre are used. Do not apply within 21 days before harvest when rates above 1 quart per acre are used in California and Nevada. Do not apply more than 1/2 pint of this product per acre.
	Armyworms	1-2 1/2 pints	
Wheat	Brown Wheat Mites	1/2-1 pint	No preharvest interval when rates up to 1/2 pint per acre are used. Do not apply within 15 days before harvest when rates above 1/2 pint per acre are used.
	Aphids	1-1 1/2 pints	
	Leafhoppers	1-1 1/2 pints	
	Barley Thirips	1/2-1 pint	
	Armyworms up to 3rd instar	1-1 1/2 pints	
	Winter Grain Mites, Stink Bugs	1-1 1/2 pints	
	Grain Insects	1-1 1/2 pints	
Chinch Bugs, False Chinch Bugs, Saw Stink Bugs	1-1 1/2 pints		
FOR USE ON ORNAMENTALS (WOODY SHRUBS, TREES, VINES)			
Ornamental Tree, Shrub, Vine	European Elm Scale Mites, Nettle Vein Pinch Mites	1/2-1 quart applied in 100 gal. water	Note
FOR USE ON FORESTS			
Forest Trees	European Elm Scale Mites, Nettle Vein Pinch Mites	1/2-1 quart applied in 100 gal. water	Note
FOR USE ON TREE AND VINE CROPS			
Apples	European Elm Scale Mites	1/2-1 quart applied in 100 gal. water	Do not apply within 10 days before harvest when rates up to 1/2 quart per acre are used. Do not apply within 15 days before harvest when rates above 1/2 quart per acre are used. Do not apply more than 1/2 quart of this product per acre.
	European Red Mites	1/2-1 quart applied in 100 gal. water	
	European Elm Scale Mites	1/2-1 quart applied in 100 gal. water	
	European Red Mites	1/2-1 quart applied in 100 gal. water	

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CROP	CROP PEST	DOSAGE RATE/ACRE
Apricots	Aphids, European Red Mites	1/4-1/2 pint/100 gal. water
Grapes	Aphids, Grape Leafhoppers, Grape Leafhoppers	1/2-2 pints/100 gal. water
	Mites, Thirops	1 1/2 pints/acre
Peaches	Aphids, European Red Mites	1/4-1 pint/100 gal. water. Apply in early cover treatment or apply twice with a 5 day interval as needed.
	Oriental Fruit Moths, Plum Curculio	1/2-2 pints/100 gal. water applied at petal fall and every 10-14 days thereafter until control is achieved.
	Peachtree Borers	1/2-2 pints/100 gal. water. Apply 2-3 sprays to trunk from ground to scaffold limbs timed with moth flights.
Pears	Aphids	1/4-1 pint/100 gal. water applied twice with a 5 day interval.
	European Red Mites	1/4-1 pint/100 gal. water applied twice with a 5 day interval.
Plums, Prunes	Aphids	1/2-2 pints/100 gal. water applied in early cover treatments or twice with a 5 day interval.
	European Red Mites	1/4-1 pint/100 gal. water applied in early cover treatment or twice with a 5 day interval.
	Oriental Fruit Moths, Plum Curculio	1/2-2 pints/100 gal. water applied at petal fall and every 10-14 days thereafter until control is achieved.
	Peachtree Borers	1/2-2 pints/100 gal. water. Apply 2-3 sprays to trunk from ground to scaffold limbs timed with moth flights.

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LIMITATIONS	
Do not apply within 10 days before harvest when rates up to 1 pint per acre are used. Do not apply within 15 days before harvest when rates above 1 pint per acre are used.	
Do not apply within 7 days before harvest when rates up to 1/2 pint per acre are used. Do not apply within 15 days before harvest when rates above 1/2 pint per acre are used. Do not apply within 21 days before harvest if tops are to be used for food or feed. Do not apply within 15 days when rates up to 1 quart per acre are used. Do not apply within 21 days before harvest when rates above 1 quart per acre are used. In California and Nevada, Do not apply more than 1/2 pint of this product per acre.	
No preharvest interval when rates up to 1/2 pint per acre are used. Do not apply within 15 days before harvest when rates above 1/2 pint per acre are used.	
None	
None	
Do not apply within 14 days before harvest. Do not apply more than 1 1/2 gal. of this product per acre. This product may injure the fruit and foliage of apples.	

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CROP	CROP PEST	DOSAGE RATE/ACRE	LIMITATIONS
Apricots	Aphids, European Red Mites	1/4 to 1/2 pint 100 gal water	Do not apply within 14 days before harvest. Do not apply more than 2 1/2 quarts of this product per acre.
Grapes	Aphids, Grape Leafhoppers, Grape Leafhoppers	1/4 to 2 pints 100 gal water	Do not apply within 14 days before harvest. Do not apply more than 1/2 pint of this product per acre in California. The farm operator shall not permit workers to enter treated areas to engage in any activity requiring substantial contact with foliage within 21 days after application.
	Mites, Thrips	1 1/2 pints acre	
Peaches	Aphids, European Red Mites	1/4 to 1 pint 100 gal water. Apply in early cover treatment or apply twice with a 5 day interval as needed.	Do not apply within 14 days before harvest. Do not apply more than 1 gal of this product per acre in California. The farm operator shall not permit workers to enter treated areas to engage in any activity requiring substantial contact with foliage within 21 days after application.
	Oriental Fruit Moths, Plum Curculio	1/2 to 2 pints 100 gal water applied at petal fall and every 10-14 days thereafter until control is achieved.	
	Peachtree Borers	1/2 to 2 pints 100 gal water. Apply 2-3 sprays to trunk from ground to scaffold limb, timed with moth flights.	
Pears	Aphids	1/4 to 1 pint 100 gal water applied twice with a 5 day interval.	Do not apply within 14 days before harvest. Do not apply more than 3 quarts of this product per acre.
	European Red Mites	1/4 to 1 pint 100 gal water applied twice with a 5 day interval.	
Plums Prunes	Aphids	1/2 to 2 pints 100 gal water applied in early cover treatments or twice with a 5 day interval.	Do not apply within 14 days before harvest. Do not apply more than 1 gal of this product per acre.
	European Red Mites	1/4 to 1 pint 100 gal water applied in early cover treatment or twice with a 5 day interval.	
	Oriental Fruit Moths, Plum Curculio	1/2 to 2 pints 100 gal water applied at petal fall and every 10-14 days thereafter until control is achieved.	
	Peachtree Borers	1/2 to 2 pints 100 gal water. Apply 2-3 sprays to trunk from ground to scaffold limb, timed with moth flights.	

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