


(BOOKLET)

BES


DANGER — POISON — PRECAUTIONS



POISONOUS IF SWALLOWED

Even in small amounts!


DON'T SWALLOW



POISONOUS BY SKIN CONTACT

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

DON'T TOUCH



POISONOUS IF BREATHED

Poisonous if vapor or mists from sprays are breathed. Vapors are not visible. Never work with parathion or in parathion treated areas without protective clothing and equipment.

DON'T BREATHE

POISONOUS TO WILDLIFE. This product is toxic to fish, birds, and other wildlife. Birds and other wildlife in treated areas may be killed. Do not apply when weather conditions favor drift from treated areas. Keep out of any body of water. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning equipment or disposal of wastes.

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.

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 Certificate

Hopkins
METHYL PARATHION
 4 Pounds Per Gallon Emulsifiable Concentrate

Emulsifiable insecticide for controlling certain insects on the listed field, forage, fruit, and vegetable crops.

ACTIVE INGREDIENTS:
 O,O-dimethyl O-p-nitrophenyl phosphorothioate*
 Xylene

INERT INGREDIENTS:

TOTAL.....

*Equivalent to 4.0 lbs. of 100% methyl parathion per gallon
 EPA Reg. No. 2393-246 AA

EPA Est. N

ACCEPTED POISON
 JUL 14 1978
 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, 1974
 Registered under 2393-246
 EPA Reg. N



DANGER
 KEEP OFF
 REACH
 CHILDREN

NOT FOR HOME USE — STOP — READ THE LABEL
SEE SIDE PANEL FOR ANTIDOTE AND PRECAUTIONS
USE ONLY ACCORDING TO LABEL INSTRUCTIONS
READ NOTICE OF WARRANTY BEFORE BUYING OR USING
IF TERMS ARE NOT ACCEPTABLE RETURN AT ONCE UNOPENED



CODE 1 2 3 4 5 6 7 8 9 10 78

(BOOKLET)

BEST DOCUMENT AVAILABLE

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

Hopkins

METHYL PARATHION

4 Pounds Per Gallon Emulsifiable Concentrate

Emulsifiable insecticide for controlling certain insects on the listed field, forage, fruit, and vegetable crops.

ACTIVE INGREDIENTS:

O,O-dimethyl O-p-nitrophenyl phosphorothioate* 45.3%

Xylene 48.0%

INERT INGREDIENTS: 6.7%

TOTAL..... 100.0%

*Equivalent to 4.0 lbs. of 100% methyl parathion per gallon
EPA Reg. No. 2393 246 AA

EPA Est. No. 2393 WI 1

ALLOWED

IN CONTACT

ds or
res, or
thes).

EATHED

sprays
visible.
para-
tective

ldlife Birds and other wildlife in
from treated areas. Keep out of
aminate water by cleaning equip-

ops Protective information may

ACCEPTED FOR REGISTRATION
JUL 14 1978
Under the Federal Insecticide, Fungicide, and Rodenticide Act
as amended, 1.1. The pesticide
registered under EPA Reg. No. 2393 246



DANGER!
KEEP OUT OF REACH OF CHILDREN

NOT FOR HOME USE — STOP — READ THE LABEL
SEE SIDE PANEL FOR ANTIDOTE AND PRECAUTIONS
USE ONLY ACCORDING TO LABEL INSTRUCTIONS
READ NOTICE OF WARRANTY BEFORE BUYING OR USING
IF TERMS ARE NOT ACCEPTABLE RETURN AT ONCE UNOPENED.



CODE 1 2 3 4 5 6 7 8 9 10

DANGER!
POISONOUS BY SKIN CONTACT, INHALATION, OR SWALLOWING. RAPIDLY ABSORBED THROUGH SKIN. REPEATED EXPOSURE MAY, WITHOUT SYMPTOMS, BE INCREASINGLY HAZARDOUS.

DO NOT GET ON SKIN, IN EYES, ON CLOTHING:
Wear heavy natural rubber gloves and goggles. Wear clean waterproof or freshly laundered protective clothing (coveralls, rubber boots, cap, etc.). Destroy and replace gloves frequently. Wash thoroughly with soap and warm water before eating or smoking.

Bathe immediately after work and change all clothing. Wash clothing thoroughly with soap and hot water before re-use. In case of contact, immediately remove contaminated clothing and wash skin thoroughly with soap and water, for eyes, flush with water for 15 minutes.

DO NOT BREATHE DUST, VAPOR, OR SPRAY MIST:
Wear a mask or respirator of a type approved by the U. S. Bureau of Mines for METHYL PARATHION protection. Airplane pilots should wear full face canister type mask. If handled indoors, provide mechanical exhaust ventilation. Do not apply or allow drift to areas occupied by unprotected humans or beneficial animals.

DO NOT STORE NEAR FOOD OR FEED PRODUCTS:
Keep out of reach of children and domestic animals. Not for use or storage in or around the home. Bury spillage; clean up area with strong lye solution.

TO PREVENT PERSONAL INJURY AND POSSIBLE FATALITIES:
Keep all persons and animals out of treated areas for 48 hours. Vacated areas should not be re-entered until drifting insecticide and volatile residues have dissipated.

POISON
ATROPINE IS AN ANTIDOTE.
CONSULT PHYSICIAN FOR EMERGENCY SUPPLY.



FIRST AID
CALL A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED METHYL PARATHION POISONING.

If symptoms or signs of poisoning include blurred vision, abdominal cramps, and tightness in the chest, do not wait for a doctor but give two atropine tablets (each 1/100 grain or 0.65 milligram) at once. (One tablet to children under five years of age)

Move patient immediately from the area where methyl parathion is present

Remove contaminated clothing and wash the skin clean with plenty of soap and water to remove all traces of methyl parathion. If swallowed, induce vomiting by giving salty or soapy warm water. Have victim lie down and keep quiet.

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON

(BOOKLET)

BEST DOCUMENT AVAILABLE DANGER!

RESTRICTED USE PESTICIDE

Use only by Certified Applicators or persons under their direct supervision for those uses covered by the Certified Applicator's Certification

Hopkins

METHYL PARATHION

1/2 Gallon Emulsifiable Concentrate

Insecticide for controlling certain insects on field, forage, fruit, and vegetable crops.

..... phosphorothioate*	45.3%
.....	48.0%
.....	6.7%
TOTAL	100.0%

Methyl parathion per gallon

EPA Est No 2393-WI-1



DANGER!

KEEP OUT OF REACH OF CHILDREN

HOME USE — STOP — READ THE LABEL
INSTRUCTIONS FOR ANTIDOTE AND PRECAUTIONS
ACCORDING TO LABEL INSTRUCTIONS
FOR WARRANTY BEFORE BUYING OR USING
ACCEPTABLE RETURN AT ONCE UNOPENED.



POISONOUS BY SKIN CONTACT, INHALATION, OR SWALLOWING. RAPIDLY ABSORBED THROUGH SKIN. REPEATED EXPOSURE MAY, WITHOUT SYMPTOMS, BE INCREASINGLY HAZARDOUS.

DO NOT GET ON SKIN, IN EYES, ON CLOTHING: Wear heavy natural rubber gloves and goggles. Wear clean waterproof or freshly laundered protective clothing (coveralls, rubber boots, cap, etc.). Destroy and replace gloves frequently. Wash thoroughly with soap and warm water before eating or smoking.

Bathe immediately after work and change all clothing. Wash clothing thoroughly with soap and hot water before re use. In case of contact, immediately remove contaminated clothing and wash skin thoroughly with soap and water. For eyes, flush with water for 15 minutes.

DO NOT BREATHE DUST, VAPOR, OR SPRAY MIST: Wear a mask or respirator of a type approved by the U. S. Bureau of Mines for METHYL PARATHION protection. Airplane pilots should wear full face canister type mask. If handled indoors, provide mechanical exhaust ventilation. Do not apply or allow drift to areas occupied by unprotected humans or beneficial animals.

DO NOT STORE NEAR FOOD OR FEED PRODUCTS: Keep out of reach of children and domestic animals. Not for use or storage in or around the home. Bury spillage, clean up area with strong lye solution.

TO PREVENT PERSONAL INJURY AND POSSIBLE FATALITIES: Keep all persons and animals out of treated areas for 48 hours. Vacated areas should not be re entered until drifting insecticide and volatile residues have dissipated.

POISON

ATROPINE IS AN ANTIDOTE.

CONSULT PHYSICIAN FOR EMERGENCY SUPPLY.



FIRST AID



CALL A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED METHYL PARATHION POISONING.

If symptoms or signs of poisoning include blurred vision, abdominal cramps, and tightness in the chest, do not wait for a doctor, but give two atropine tablets (each 1.100 grain or 0.65 milligrams) at once. (One tablet to children under five years of age).

Move patient immediately from the area where methyl parathion is present.

Remove contaminated clothing and wash the skin clean with plenty of soap and water to remove all traces of methyl parathion. If swallowed, induce vomiting by giving salty or soapy warm water. Have victim lie down and keep quiet.

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON

PHYSICIAN NOTE: This product is a cholinesterase inhibitor. Warning symptoms include weakness, headache, tightness in the chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps.

TREATMENT: Large doses of atropine are required. For adults, give 2.0 mg. to 4.0 mg. of atropine, preferably by intravenous injection, at once and repeat every 10 to 15 minutes until pupils dilate. In addition to atropine, if 2-PAM Chloride (pralidoximechloride) is available, administer according to manufacturer's directions. Never give morphine. Clear chest by postural drainage. Artificial respiration or oxygen administration may be necessary. Observe patient continuously 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 allowed as determined by blood tests.

CONTAINER DISPOSAL

DESTROY EMPTY CONTAINER—NEVER REUSE Completely empty contents and bury unused chemical 18 inches deep in an isolated location away from water supplies.

METAL CONTAINERS

1 gal. drum: Pour 1 qt. of water into empty drum. Add 1 tablespoon of household detergent. Rotate drum carefully until all inner surfaces are wet. Bury rinse solution 18" deep. Punch holes in top and bottom of container, crush and bury.

5 gal. drum: Pour 2 qt. of water into empty drum. Slowly add 1/2 cup caustic soda (lye) and 2 tablespoons of household detergent. Follow the same rinsing, destruction and burial procedures given for 1 gal. drum.

30 and 55 gal. drum: Follow same procedures as for 5 gal. drum except use 5 gal. of water, 2 lb. of lye and cup of detergent.

CAUTION: Do not get rinse solution on hands, in eyes, or on clothing. Wear protective clothing and equipment. In case of contact wash immediately with soap and water.

Combustible: Do not store or use near heat or open flame. In case of fire, use water spray, foam, dry chemical or CO₂.

NOTICE OF WARRANTY

Seller makes no warranty, express 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.

IN CASE OF ANY EVIDENCE OF DAMAGED OR LEAKING CONTAINERS TELEPHONE COLLECT, 608/222-0624, HOPKINS AGRICULTURAL CHEMICAL CO., MADISON, WI.

BEST DOCUMENT AVAILABLE

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

Hopkins METHYL PARATHION

4 lb. Per Gallon Emulsifiable Concentrate

POISON DANGER



NOT FOR HOME USE

BEFORE USING READ ALL PRECAUTIONS AND DIRECTIONS FOR USE

EPA Reg. No. 2393-246 AA

EPA Est. No. 2393-WI 1

RESEALABLE BAG

Pull up flap to remove label.

Press flap to close.

IMPORTANT

SEE REVERSE SIDE OF FOLDER

CONTAINS SAFETY LABELING INFORMATION

Active Ingredient Statement

Primary Statements of Hazard

Precautionary Instructions

Fish and Wildlife Precautions

Work Safety Rules

Poison Symptoms

First Aid Treatment

Note to Physician

Container Disposal



ATTENTION

DO NOT USE IN ANY MANNER OTHER THAN RECOMMENDED ON THIS LABEL.

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

DIRECTIONS FOR USE

BE SURE TO READ AND UNDERSTAND 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. Cover all surfaces to be treated with spray. Rates of application given below should not be exceeded. Never apply later than indicated to assure that 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. Greater quantities of water may be required to give sufficient coverage of orchard trees.

CEREAL CROPS

BARLEY, OATS, RYE AND WHEAT

For barley, rye, and wheat, use 1/2 to 3/4 pint per acre. For aphids, armyworms up to third instar, leafhoppers and wheat grain mites, use 1/2 to 1 1/2 pints per acre. For climbing cutworms use 3/4 to 1 pint per acre. For chinch bugs, false chinch bugs and Say's plant bugs use 1 1/2 pints per acre. For Western or brown wheat mites, use 1 pint per acre. Do not use more than 1 1/2 pints 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 1/2 pints per acre. Do not apply within 12 days of harvest.

RICE

For rice stink bugs, use 1 1/2 to 1 pint per acre. Do not apply within 15 days of harvest. Shrimp, crabs and crayfish may be killed. Do not apply where these are important resources.

SORGHUM

For corn leaf aphids and mites, use 1 pint per acre. For sorghum midges, use 1 pint to 1 quart per acre. 2 applications, 5 to 7 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 aphid) and climbing cutworms, use 1/2 to 1 pint per acre. For alfalfa caterpillars, alfalfa weevil adults, armyworms up to third instar, clover leaf weevils and webworms, use 1 pint per acre. For Egyptian alfalfa weevils, leafhoppers, Lygus bugs and spider mites, use 1 to 2 pints per acre. Do not treat closer than 15 days before harvest, cutting or grazing. In California and Nevada do not use more than 3/4 pint per acre.

COTTON

For control of thrips, use 1/4 to 1/2 pint per acre. For cotton leafworms, use 1/4 to 3/4 pint per acre. For grasshoppers and fall armyworms up to third instar, use 1/2 pint per acre. For spider mites (does not control all species), use 1/2 to 3/4 pint per acre. For control of fleahoppers, Lygus and other mirids, use 1/4 pint to 1 quart per acre. For boll weevils, aphids and garden webworms, use 1/2 to 1 pint per acre. For false chinch bugs, use 1 pint per acre. For cabbage loopers and cutworms, use 1 to 2 pints per acre. For bombyx, salt-marsh caterpillars, armyworms up to third instar, cotton leaf perforators and stink bugs, use 1 quart per acre. Applications should be made at 4 to 5 day intervals until control is obtained. At above dosages, application may be made up to the day before harvest, if harvest will be with mechanical pickers. CAUTION - When necessary to enter treated cotton fields within 24 hours after application, protective clothing should be worn. Do not apply within 7 days of handpicking cotton.

GRASS (Forage)

For control of armyworms up to third instar, crested wheat bugs, false chinch bugs, grasshoppers and leafhoppers, use 1 1/2 pints per acre. Do not apply within 15 days of harvest or grazing.

HOPS

For control of aphids and spider mites, use 1 quart per acre. Do not treat closer than 15 days before harvest.

SOYBEANS

For control of climbing cutworms and three cornered alfalfa hoppers, use 1 1/2 pint per acre. For control of garden webworms, use 1/2 to 1 pint per acre. For control of aphids, blister beetles, Mexican velvet bean caterpillars, use 1 pint per acre. For bollworms, cabbage loopers, fall armyworms up to third instar, and green cloverworms, use 1 quart per acre. Do not apply more than 2 applications per growing season. Do not apply within 20 days of grazing or harvest.

SUGAR BEETS

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

TOBACCO

For control of green peach aphis, use 1/2 to 1 pint per acre. For control of cutworms, use 1/2 to 1 pint per acre. Do not apply within 15 days of cutting or within 15 days of cutting with plant juices when present.

VETCH

For control of aphids, armyworms, leafhoppers, grasshoppers, cutworms and vetch bruchids, use 1/2 to 1 pint per acre. Do not treat closer than 15 days before harvest.

APPLES

For control of aphids, codling moths and red-banded leafrollers, use 1/2 to 1 quart per 100 gallons of water. For control of curculio and red-banded leafrollers, use 1/2 to 1 quart per 100 gallons of water. Maintain control. Do not use this product per acre.

GRAPES

For control of aphids, leafhoppers, use 1/2 pint to 1 quart per 100 gallons of water. Do not use more than 1/2 quart per acre.

PEACHES, PLUMS AND PRAIRIE APPLES

For control of aphids, peach and Oriental fruit moths, use 1/2 to 1 quart per 100 gallons of water. Spray flight to control peach tree and Oriental fruit moths. Split and 3 to 4 applications. Maintain control. Do not use this product per acre.

STRAWBERRIES

For control of aphids, use 1 quart per acre.

OIL SEEDS

SAFFLOWER

For aphids and Lygus bugs, use 1/2 to 1 quart per 100 gallons of water. Do not apply at flowering. Do not apply at flowering.

SUNFLOWER

For control of sunflower moth, use 1/2 to 1 quart per 100 gallons of water. Make no more than 3 applications. Do not apply within 30 days of harvest.

VEGETABLES

APPLY AT THE RATES INDICATED FOR LOWERING CROPS. MAKE NO MORE THAN 5 DAYS BEFORE HARVEST.

ACCEPTED
JUL 14 1978
U.S. DEPARTMENT OF AGRICULTURE
OFFICE OF PESTICIDE REGULATION
WASHINGTON, D.C. 20250

DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE

2372

...of methyl parathion on
...Observe the statements
...Uses, limiting the time
...Parathion may be applied

...S FOR USE
...AND UNDERSTAND THE
...MENTS BEFORE USING I

...application after dilution
...trained operators using
...equipment. The hazards and
...product in this container
...after dilution with water
...the concentrate to the
...water, and mix thorough-
...ated with spray. Rates of
...d not be exceeded. Never
...assure that residue levels
...nces established by the
...on

...ral Extension Service or
...ptic recommendations re-
...and timing of sprays. For
...ment, add the desired
...fficient water to apply at
...acre. For application by
...concentrate desired per
...water consistent with
...age. Greater quantities
...ive sufficient coverage of

CROPS

WHEAT
... 3/4 pint per acre. For
... instar, leathoppers and
... 1 1/2 pints per acre. For
... 1 pint per acre. For
... and Say's plant bugs
... eastern or brown wheat
... not use more than 1 1/2
... harvest

...to third instar, climbing
... FOOTWORM adults, fall
... 1 1/2 pint per acre. Do
... best

... 1 pint per acre. Do not
... est. Shrimp, crabs, and
... apply where these are

... use 1 pint per acre. For
... to 1 quart per acre. 2
... it when approximately
... te y 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 aphid) and climbing cutworm, use 1/2 to 1 pint per acre. For alfalfa caterpillars, alfalfa weevil adults, armyworms up to third instar, clover leaf weevils and webworms, use 1 pint per acre. For Egyptian alfalfa weevils, leathoppers, Lygus bugs and spider mites, use 1 to 2 pints per acre. Do not treat closer than 15 days before harvest, cutting or grazing. In California and Nevada do not use more than 3/4 pint per acre

COTTON
For control of thrips, use 1/4 to 1/2 pint per acre. For cotton leafworms, use 1/4 to 3/4 pint per acre. For grasshoppers and fall armyworms up to third instar, use 1/2 pint per acre. For spider mites (does not control all species), use 1/2 to 3/4 pint per acre. For control of leathoppers, Lygus and other mites, use 1/4 pint to 1 quart per acre. For boll weevils, aphids and garden webworms, use 1/2 to 1 pint per acre. For false chinch bugs, use 1 pint per acre. For cabbage loopers and cutworms, use 1 to 2 pints per acre. For bollworms, salt marsh caterpillars, armyworms up to third instar, cotton leaf perforators and stink bugs, use 1 quart per acre. Applications should be made at 4 to 5 day intervals until control is obtained. At above dosages, application may be made up to the day before harvest, if harvest will be with mechanical pickers. CAUTION - When necessary to enter treated cotton fields within 24 hours after application, protective clothing should be worn. Do not apply within 7 days of hand-picking cotton

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

HOPS
For control of aphids and spider mites, use 1 quart per acre. Do not treat closer than 15 days before harvest

SOYBEANS
For control of climbing cutworms and three-cornered alfalfa hopper, use 1 1/2 pint per acre. For control of garden webworms, use 1 1/2 to 1 pint per acre. For control of aphids, blister beetles, Mexican velvet bean caterpillars, use 1 pint per acre. For bollworms, cabbage loopers, fall armyworms up to third instar, and green cloverworms, use 1 quart per acre. Do not apply more than 2 applications per growing season. Do not apply within 20 days of grazing or harvest

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

TOBACCO

For control of green peach aphids, use 1/2 pint per acre. For control of surface feeding or climbing cutworms, use 1/2 to 1 pint per acre. CAUTION - When necessary to enter treated tobacco fields within 24 hours after application protective clothing should be worn. Do not apply within 5 days of priming tobacco or within 15 days of cutting tobacco. Avoid contact with plant juices when priming or cutting tobacco

VETCH

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

FRUIT

APPLY AT THE RATES INDICATED FOR THE FOLLOWING CROPS. MAKE NO APPLICATION CLOSER THAN 14 DAYS BEFORE HARVEST. APPLY AS FREQUENTLY AS NEEDED TO CONTROL INSECTS.

APPLES
For control of aphids, codling moths, plum curculio, scales and red-banded leaf rollers, use 1/2 pint to 1 quart per 100 gallons of water. For codling moths, plum curculio and red-banded leaf rollers, apply at petal fall and 3 to 4 applications, 8 to 14 days thereafter, to maintain control. Do not use more than 6 quarts of this product per acre

GRAPES
For control of aphids, grape leaf folders and grape leathoppers, use 1/2 pint to 1 quart per 100 gallons of water. Do not use more than 1 1/2 pints of this product per acre

PEACHES, PLUMS AND PRUNES
For control of aphids, peach tree borers, plum curculio and Oriental fruit moths, use 1/2 pint to 1 quart per 100 gallons of water. Spray tree trunks at time of moth flight to control peach tree borers. For plum curculio and Oriental fruit moths, apply at petal fall or shuck split and 3 to 4 applications, 8 to 14 days thereafter, to maintain control. Do not use more than 1 gallon of this product per acre

STRAWBERRIES
For control of aphids, use 1 1/2 pints per acre

OIL SEED CROPS

SAFFLOWER
For control of aphids and Lygus, use 1 pint per acre before flowering. Do not apply after flowering

SUNFLOWER
For control of sunflower beetles, use 1 quart per acre. Make no more than 3 applications at 5 day intervals. Do not apply within 30 days of harvest

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, leathoppers, mites and shield bugs, use 1 1/2 quarts per acre

SWEET POTATOES

For control of aphids, armyworms up to third instar, surface feeding and climbing cutworms, flea beetles, leathoppers and mites, use 3/4 quart per acre

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

ARTICHOKE

For control of aphids, armyworms up to third instar, surface feeding and climbing cutworms, flea beetles, leathoppers, mites and artichoke plum moths, use 1 quart per acre

BROCCOLI

For control of aphids, armyworms up to third instar, flea beetles, leathoppers and mites, use 1 to 3 pints per acre. For cabbage loopers and stink bugs, use 2 to 3 pints per acre. Rates above 1 pint should not be applied closer than 21 days before harvest

BRUSSELS SPROUTS

For control of aphids, armyworms up to third instar, flea beetles, leathoppers and mites, use 1 to 3 pints per acre. For cabbage loopers and stink bugs, use 2 to 3 pints per acre. Rates above 1 pint should not be applied closer than 21 days before harvest

CAULIFLOWER

For control of aphids, armyworms up to third instar, flea beetles, leathoppers and mites, use 1 to 3 pints per acre. For cabbage loopers and stink bugs, use 2 to 3 pints per acre. Rates above 1 pint should not be applied closer than 21 days before harvest

KOHLRABI

For control of aphids, armyworms up to third instar, flea beetles, leathoppers and mites, use 1 to 3 pints per acre. For cabbage loopers and stink bugs, use 2 to 3 pints per acre. Rates above 1 pint should not be applied closer than 21 days before harvest

RUTABAGAS

For control of aphids, armyworms up to third instar, flea beetles, leathoppers and mites, use 1 to 3 pints per acre. For cabbage loopers, use 2 to 3 pints per acre. Rates above 1 pint should not be applied closer than 21 days before 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, leathoppers and mites, use 1 to 3 pints per acre. For cabbage loopers and stink bugs, use 2 to 3 pints per acre. Rates above 1 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, leathoppers and mites, use 1 to 3 pints per acre. For cabbage loopers and stink bugs, use 2 to 3 pints per acre. Rates above 1 pint should not be applied closer than 21 days before harvest

PI
F
2
tu
ut
T
F
J
pe
cl

AI
LC
T

BE
F
fig
3
an
ph
cl

BE
Fo
cal
mi
to
21

CA
Fo
S
lea
lea

CE
Fo
cab
mi
CU
For
pin
ON
For
PE
For
veg
leaf
SP
For
lea
cica
loop
shot

TUI
For
lea
1
11
feed
LET
For
cab
use
21

BEST DOCUMENT AVAILABLE

Tobacco

For control of green peach aphids, use 1/2 pint per acre. For control of surface feeding or climbing cutworms, use 1/2 to 1 pint per acre. **CAUTION** - When necessary to enter treated tobacco fields within 24 hours after application, protective clothing should be worn. Do not apply within 5 days of priming tobacco and within 15 days of cutting tobacco. Avoid contact with plant juices when priming or cutting tobacco.

Vegetables

For control of aphids, armyworms up to third instar, climbing cutworms, leathoppers, Lygus bugs, spider mites and vetch brochids, use 1 to 2 pints per acre. Do not apply closer than 15 days before harvest or grazing.

Fruit

APPLY AT THE RATES INDICATED FOR THE FOLLOWING CROPS. MAKE NO APPLICATION CLOSER THAN 14 DAYS BEFORE HARVEST. APPLY AS FREQUENTLY AS NEEDED TO CONTROL INSECTS.

Apples

For control of aphids, codling moths, plum curculio, leaf beetles and red-banded leaf rollers, use 1/2 pint per 100 gallons of water. For codling moths, plum curculio and red-banded leaf rollers, apply at 10 to 15 day intervals, 3 to 4 applications, 8 to 14 days thereafter, to maintain control. Do not use more than 6 quarts of this product per acre.

Grapes

For control of aphids, grape leaf folders and grape leathoppers, use 1/2 pint to 1 quart per 100 gallons of water. Do not use more than 1 1/2 pints of this product per acre.

Peaches, Plums and Prunes

For control of aphids, peach tree leathopper, plum curculio and Oriental fruit moth, use 1/2 pint to 1 quart per 100 gallons of water. Spray trees at 10 to 15 day intervals to control peach tree leathopper and plum curculio and Oriental fruit moth. Do not use more than 6 quarts per acre. Do not use more than 1 1/2 quarts of this product per acre.

Raspberries

For control of aphids, use 1 to 1 1/2 pints per acre.

Oil Seed Crops

Flower

For control of aphids and Lygus bugs, use 1 pint per acre before flowering. Do not apply after flowering.

Flower

For control of sunflower beetles, use 1 quart per acre. Do not use more than 3 applications at 10 to 15 day intervals. Do not apply within 30 days before harvest.

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, fall chinch bugs, flea beetles, leafhoppers, mites and shield bugs, use 1-1/2 quarts 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 quart per acre.

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

Artichoke

For control of aphids, armyworms up to third instar, surface feeding and climbing cutworms, flea beetles, leafhoppers, mites and artichoke plum moths, use 1 quart per acre.

Broccoli

For control of aphids, armyworms up to third instar, flea beetles, leafhoppers and mites, use 1 to 3 pints per acre. For cabbage loopers and stink bugs, use 2 to 3 pints per acre. Rates above 1 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 to 3 pints per acre. For cabbage loopers and stink bugs, use 2 to 3 pints per acre. Rates above 1 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 to 3 pints per acre. For cabbage loopers and stink bugs, use 2 to 3 pints per acre. Rates above 1 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 to 3 pints per acre. For cabbage loopers and stink bugs, use 2 to 3 pints per acre. Rates above 1 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 to 3 pints per acre. For cabbage loopers, use 2 to 3 pints per acre. Rates above 1 pint should not be applied closer than 21 days before 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 to 3 pints per acre. For cabbage loopers and stink bugs, use 2 to 3 pints per acre. Rates above 1 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 to 3 pints per acre. For cabbage loopers and stink bugs, use 2 to 3 pints per acre. Rates above 1 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 to 2 pints per acre. For cabbage loopers, cowpea curculio, surface feeding and climbing cutworms and stink bugs, use 2 pints per acre. Rates above 1 pint should not be applied closer than 15 days before harvest.

Tomatoes

For control of aphids, armyworms up to third instar, flea beetles, leafhoppers, mites and psyllids, use 1 to 3 pints per acre. For cabbage loopers, use 2 to 3 pints per acre. Rates above 1 pint should not be applied closer than 15 days before harvest.

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

Beans (Dry, Green and Lima)

For control of aphids, armyworms up to third instar, flea beetles, leafhoppers, Lygus bugs and mites, use 1 to 3 pints per acre. For cowpea curculio, surface feeding and climbing cutworms and stink bugs, use 2 to 3 pints per acre. Rates above 1 pint should not be applied closer than 21 days before harvest.

Beets (Red)

For control of aphids, armyworms up to third instar, cabbage loopers, flea beetles, leafhoppers, Lygus bugs, mites and stink bugs, use 1 quart per acre. If tops are to be used for food or feed do not apply closer than 21 days before harvest.

Carrots

For control of aphids, armyworms up to third instar, surface feeding and climbing cutworms, flea beetles, leafhoppers and mites, use 1 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 quart per acre.

Cucumbers

For control of aphids and two-spotted mites, use 1/2 pint per acre. Do not apply before vining.

Onions

For control of thrips, use 1/2 pint per acre.

Peppers

For control of aphids, armyworms up to third instar, surface feeding and climbing cutworms, flea beetles, leafhoppers and mites, use 1 quart per acre.

Spinach

For control of aphids, armyworms up to third instar, flea beetles, leafhoppers, mites, seed corn maggots and crown mites, use 1 to 2 pints per acre. For cabbage loopers, use 2 pints per acre. Rates above 1 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 to 1 1/2 pints per acre. For cabbage loopers, use 1 1/2 pints per acre. If tops are to be used for food or feed do not apply 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 quart per acre. Make no applications closer than 21 days before harvest.

15-60'	80-120'	Gallons 6% Solution Per Acre
3	4	2
3	4	2
6	6	
2	2	1
2	3	2
2	2	2
4	4	3
3	4	2
3	4	2
3	4	2

on before elm flowers or leaves sprout using a 12% ...
 r a 2% spray solution in a conventional sprayer. This
 Northern States. Use 2 to 3 gallons of spray solution,
 g all surfaces thoroughly. Second application should
 % for mist blower, and 1% for conventional sprayer.

ion when elm leaves are fully grown. Use a 6% spray
 1% spray solution in a conventional sprayer. This
 tes. Thoroughly cover all leaf surfaces.
 repeat the above application, covering all leaf surfaces

resent, a three spray schedule will provide effective
 3 protective spray 2 1/2 to 3 months after the first. Then
 pray. Be sure to thoroughly cover all bark and foliar

thoxychlor 50% W.P. Insecticide per 50 gallons of water.
 er 50 gallons of water 2% Methoxychlor spray —
 thoxychlor Spray — 9 1/2 lbs. Hopkins Methoxychlor

erment dust the floor of the crypt and on top of the
 made with a mechanical duster such as a Hudson

, an application can be made by drilling a hole in the
 ould then be sealed to insure the insect will come in

AVAILABLE

y
 e of this product other than indicated on
 aterial when such use and/or handling is

BEST DOCUMENT AVAILABLE

Hopkins

METHOXYCHLOR

50% W.P.

INSECTICIDE

FOR CONTROL OF VARIOUS INSECTS ON LIVESTOCK, VEGETABLES,
 FRUITS, GRASSES AND LEGUMES, FOREST AND SHADE TREES,
 AGRICULTURAL PREMISES, FARM BUILDINGS, AND GRAIN STORAGE
 BINS.

ACTIVE INGREDIENT:	
Methoxychlor, technical*	50.00%
INERT INGREDIENTS:	50.00%
TOTAL	100.00%

*Equivalent to 44% 2,2-bis (p-methoxyphenyl)-1,1,1-trichloroethane, 6% other isomers and related compounds
 EPA Reg. No. 2393-262 EPA Est. No. 2393-WI-1

CAUTION

KEEP OUT OF REACH OF CHILDREN

MAY BE HARMFUL IF SWALLOWED. AVOID CONTACT WITH SKIN.
 AVOID BREATHING DUST OR SPRAY MIST. AVOID CONTAMINATION
 OF FEED, SEED AND FOODSTUFFS.

This product is toxic to bees and should not be applied when bees are
 actively visiting the area being treated.

This product is toxic to fish. Keep out of lakes, streams, or ponds. Do not
 apply where runoff is likely to occur. Do not apply when weather conditions
 favor drift from areas treated. Do not contaminate water by cleaning of
 equipment, or disposal of wastes. Apply this product only as specified on
 this label. Shrimp and crab may be killed at application rates recommended
 on this label. Do not apply where these are important resources.

Hopkins Methoxychlor 50% W.P. Insecticide may be used as a spray (water
 suspension) for plant and animal protection or may be applied undiluted.
 See specific directions in following label copy.

When applying Hopkins Methoxychlor 50% W.P. Insecticide, use sufficient
 spray to thoroughly cover all foliage, fruit and all surfaces to be protected.

HANDLING — Since Hopkins Methoxychlor 50% W.P. Insecticide is some-
 what hygroscopic, it should be stored in a dry place and container kept
 tightly closed when not in use.



MANUFACTURED BY
Hopkins
 agricultural chemical co

NET WEIGHT 50 POUNDS
 BOX 7532 • MADISON WISCONSIN 53707
 CODE 12276 123456789(3-79)

DIRECTIONS FOR USE

AGRICULTURAL CROPS

Tree Fruits — For control of the following insects apply 2 to 3 lbs. of Hopkins Methoxychlor 50% W.P. Insecticide per 100 gallons of water as a thorough cover spray when adults first appear. Repeat at 7 to 10 day intervals as long as adults are present. Do not apply more than 24 lbs. of Hopkins Methoxychlor 50% W.P. Insecticide per acre.

CROP	INSECTS	INTERVAL TO HARVEST
Apples	Apple Maggots	7 days
Cherries	Cherry Fruit Flies, Cherry Fruitworm	

Apply the above rate of Hopkins Methoxychlor 50% W.P. Insecticide initially at petal fall for control of the following insects. Make 2 or more additional applications at 7 to 10 day intervals if infestation warrants

Apples	Codling Moth, Japanese Beetle, Plum Curculio, San Jose Scale (crawlers)	7 days
Cherries	Plum Curculio	
Pears	Codling Moth, Pear Slug	
Plums and Prunes	Plum Curculio	
Quince	Codling Moth, San Jose Scale (crawlers), Oriental Fruit Moth Caterpillars, Quince Curculio	
Apricots, Nectarines, Peaches	Plum Curculio	21 days

Small Fruits — For control of the following insects apply 2 to 3 lbs. of Hopkins Methoxychlor 50% W.P. Insecticide per acre in 100 gallons of water as a thorough cover spray when adults first appear. Repeat at 7 to 10 day intervals as long as the infestation warrants

Blackberries	Flea Beetle, Japanese Beetle, Rose Chafer, Strawberry Weevil	14 days
Blueberries	Cherry Fruitworm, Cranberry Fruitworm, Plum Curculio, Leafhopper	
Cranberries	Cranberry Fruitworm, Leafhopper, Spittlebug	
Currents and Gooseberries	San Jose Scale (crawlers)	
Grapes	Flea Beetle, Grape Leaf Skeletonizer, Japanese Beetle, Leafhopper, Rose Chafer Grape Berry Moth — Apply as a post-bloom cover spray and repeat 10 days later make 3rd and 4th applications at 10 day intervals, if necessary	
Loganberries and Raspberries	Japanese Beetle, Rose Chafer	
Strawberries	Flea Beetle, Spittlebug, Strawberry Leaf Beetle, Strawberry Weevil	

VEGETABLES — For control of the following insects apply 3 lbs. of Hopkins Methoxychlor 50% W.P. Insecticide per acre in 100 gallons of water as a thorough cover spray to upper and lower foliage surfaces and fruit. Begin treatment at first sign of insect infestation and repeat at 7 to 10 day intervals as infestation warrants. For small garden areas, use 3 tablespoons per gallon of water

CROP	INSECTS	INTERVAL TO HARVEST
Potatoes	Blister Beetle, Colorado Potato Beetle, Flea Beetle, Leafhopper	0 days
Cantaloupe	Melon Worm	1 day
Cucumber	Cucumber Beetle	
Eggplant	Flea Beetle, Leafhopper	
Kohlrabi	Flea Beetle	
Pepper	Flea Beetle, Rose Chafer	
Pumpkin	Cucumber Beetle, Squash	
Squash	Vineborer, Cucumber Beetle, Squash Vineborer	
Tomato	Blister Beetle, Fall Armyworm, Flea Beetle, Tomato Hornworm, Tomato Fruitworm	
Asparagus	Asparagus Beetle	3 days. If applied later, remove residues by washing and blanching spears
Beans	Bean Leaf Beetle, Corn Earworm, Fall Armyworm, Japanese Beetle, Leafhopper, Rose Chafer, Mexican Bean Beetle	3 days. Do not use vines for feed or forage
Black-eyed Peas	Cowpea Curculio	
Cabbage	Imported Cabbageworm, Cross striped Cabbageworm, Flea Beetle	3 days
Cauliflower	Imported Cabbageworm, Cross striped Cabbageworm, Flea Beetle	7 days

Corn	Armyworm, Flea Beetle
Melons	Cucumber Beetle, Melon Worm
Peas	Pea Weevil
Radish and Rutabaga	Flea Beetle
Beets	Blister Beetle, Flea Beetle
Broccoli	Imported Cabbageworm, Cross-striped Cabbageworm
Brussels Sprouts	Imported Cabbageworm, Cross-striped Cabbageworm
Collards and Kale	Flea Beetle
Lettuce	Leafhopper
Spinach and Turnip	Flea Beetle

FIELD AND FORAGE CROPS — Alfalfa, clover, grass, soybeans, cowpea. Apply Hopkins Methoxychlor 50% W.P. Insecticide in 15 to 30 gallons of water per acre. Apply bloom. No application later than 7 days before harvesting or grazing.

Leafhopper, Spittlebug
Alfalfa Caterpillar, Flea Beetle
Alfalfa Weevil (larvae), Webworm, Fall Armyworm, Clover Leaf Weevil, Mexican Bean Beetle, Pea Weevil, Soybean Caterpillar, Velvet Bean Caterpillar
Cowpea Curculio, Japanese Beetle
Armyworm

LIVESTOCK

DAIRY CATTLE — Direct Dusting for Control of Hornflies: Use one round side, and back and upper sides; rub in lightly to carry powder beneath the h on dairy goats.

BEEF CATTLE: SHEEP: SWINE: NON-LACTATING DAIRY CATTLE: NON-LACTATING GOATS — For control of Hornflies, Lice and Fleas: Repeat daily animals up to two weeks of freshening.

SPRAY OR DIP — Use 2 lbs. in 25 gals. of water. As a spray, wet animals in 25 gals. of water and apply as a spray on the infested tail only. Do not dip. **DIRECT DUSTING** — Dust animal thoroughly; rub in lightly to carry powder temporary relief from sheep ticks (keds).

AGRICULTURAL PREMISES: Insects Controlled (in the exposed or accessible s Houseflies and Stableflies. (Farm Buildings), Caddis, Confused Flour Beetle Weevil, Hairy Fungus Beetle, Lesser Grainborer, Long-headed Flour Beetle, R Grain Moths (grain storage bins, elevator tunnels, gallery floors and head house **Farm Buildings (Barns, Milk Rooms, Pens, and Stalls)** — Mix 1 lb. Hopkins M Use as a residual spray applying 1 gallon mixture to 500 sq. ft. Repeat applica while treating barns. Do not contaminate milk, feed or drinking water.

Grain Storage Bins — Mix 1 lb. Hopkins Methoxychlor 50% W.P. Insecticide in Apply as a residual spray to all exposed surfaces, paying attention to all crack grain, 2 to 4 weeks

Elevator Tunnels, Gallery Floors, Head Houses — Mix 1 lb. Hopkins Methoxy 1 gallon mixture to 500 sq. ft. Clean area thoroughly before spraying. Treat abou

MOSQUITO CONTROL (Larvae) — Parks, Beaches, Public Areas and Non-Agricul For mosquito larvae control, mix 4 lbs. Hopkins Methoxychlor 50% W.P. In or finished spray per acre (equivalent to 0.2 lbs. active ingredient) of surface to re-apply as infestation warrants

Pre-hatch — Make a single application during the winter months at a rate to 1/2 to 1 lb. of active ingredient)

NOTE: This product is toxic to fish. Keep out of lakes, streams and ponds. Ra Do not apply where these species are an important resource. Do not app contaminate ponds

FOREST AND SHADE TREES: For control of the following insects use a recommended in the following table

Mix 57 lbs. Methoxychlor 50% W.P. Insecticide per 50 gallons of water for W.P. Insecticide per 100 gallons of water for conventional sprayer.

BEST DOCUMENT AVAILABLE

Methoxychlor 50% W.P. Insecticide per 100 gallons of water at 10 day intervals as long as adults are present. Do not apply

INTERVAL TO HARVEST
7 days

at fall for control of the following insects. Make 2 or

7 days

Fruit Moth

21 days

Methoxychlor 50% W.P. Insecticide per acre in 100 gallons of water as long as the infestation warrants

Strawberry Weevil 14 days
Culm, Leafhopper

Leafhopper

spray and repeat at 10 day intervals.

Strawberry Weevil

Methoxychlor 50% W.P. Insecticide per acre in 100 gallons of water. Begin treatment at first sign of insect infestation and repeat at 10 day intervals.

INTERVAL TO HARVEST
0 days

Leafhopper 1 day

Hornworm

3 days - If applied later, remove residues by washing and blanching spears

Japanese Beetle 3 days - Do not use vines for feed or forage

Armyworm, Flea Beetle 3 days

Armyworm, Flea Beetle 7 days

Corn	Armyworm, Flea Beetle
Melons	Cucumber Beetle, Melon Worm
Peas	Pea Weevil
Radish and Rutabaga	Flea Beetle
Beets	Blister Beetle, Flea Beetle
Broccoli	Imported Cabbageworm, Cross-striped Cabbageworm, Flea Beetle
Brussels Sprouts	Imported Cabbageworm, Cross-striped Cabbageworm, Flea Beetle
Collards and Kale	Flea Beetle
Lettuce	Leafhopper
Spinach and Turnip	Flea Beetle

14 days

14 days

14 days

FIELD AND FORAGE CROPS — Alfalfa, corn, clover, grass, soybeans, cowpeas and peanut forage. Apply the following rates of Hopkins Methoxychlor 50% W.P. Insecticide in 15 to 30 gallons of water per acre. Apply every 10 to 14 days, or as needed. Do not apply during crop bloom. No application later than 7 days before harvesting or grazing.

Leafhopper, Spittlebug 1 to 2 lbs. per acre

Alfalfa Caterpillar, Flea Beetle 1½ to 2 lbs. per acre

Alfalfa Weevil (larvae), Webworm, Fall Armyworm, Clover Leaf Weevil, Mexican Bean Beetle, Pea Weevil, Soybean Caterpillar, Velvet Bean Caterpillar 2 to 3 lbs. per acre

Cowpea Curculio, Japanese Beetle 3 lbs. per acre

Armyworm 3 to 4 lbs. per acre

LIVESTOCK

DAIRY CATTLE — Direct Dusting for Control of Hornflies. Use one rounded tablespoon per animal. Sprinkle on poll, neck (top and sides), and back and upper sides. Rub in lightly to carry powder beneath the hair. Repeat treatment every 3 weeks as needed. Do not use on dairy goats.

BEEF CATTLE; SHEEP; SWINE; NON-LACTATING DAIRY CATTLE:

NON-LACTATING GOATS — For control of Hornflies, Lice and Fleas. Repeat treatment every 3 weeks as needed; may be used on young dairy animals up to two weeks of freshening.

SPRAY OR DIP — Use 2 lbs. in 25 gals. of water. As a spray, wet animals to the skin. For control of tail louse of cattle, use 4 to 6 lbs. in 25 gals. of water and apply as a spray on the infested tail only. Do not dip calves under one month of age.

DIRECT DUSTING — Dust animal thoroughly, rub in lightly to carry powder beneath the hair. Application on sheep, following shearing, gives temporary relief from sheep ticks (keds).

AGRICULTURAL PREMISES: Insects Controlled (In the exposed or accessible stages of the following insects):

Houseflies and Stableflies, (Farm Buildings), Caddis, Confused Flour Beetle, Flat-headed Grain Beetle, Foreign Grain Beetle, Granary Weevil, Hairy Fungus Beetle, Lesser Grainborer, Long-headed Flour Beetle, Red Flour Beetle, Rice Weevil, Sawtoothed Grain Beetle and Grain Moths (grain storage bins, elevator tunnels, gallery floors and head houses)

Farm Buildings (Barns, Milk Rooms, Pens, and Stalls) — Mix 1 lb. Hopkins Methoxychlor 50% W.P. Insecticide in 2½ gallons of water. Use as a residual spray applying 1 gallon mixture to 500 sq. ft. Repeat applications as required for effective control. Exclude dairy animals while treating barns. Do not contaminate milk, feed or drinking water.

Grain Storage Bins — Mix 1 lb. Hopkins Methoxychlor 50% W.P. Insecticide in 2½ gallons of water. Apply 1 gallon of mixture to 500 sq. ft. Apply as a residual spray to all exposed surfaces, paying attention to all cracks and crevices. Allow bins to air and dry before refilling with grain, 2 to 4 weeks.

Elevator Tunnels, Gallery Floors, Head Houses — Mix 1 lb. Hopkins Methoxychlor 50% W.P. Insecticide in 2½ gallons of water, apply 1 gallon mixture to 500 sq. ft. Clean area thoroughly before spraying. Treat about 3 times per season (summer).

MOSQUITO CONTROL (Larvae) — Parks, Beaches, Public Areas and Non-Agricultural Lands

For mosquito larvae control, mix 4 lbs. Hopkins Methoxychlor 50% W.P. Insecticide in 100 gallons of water and supply 10 gallons of the finished spray per acre (equivalent to 6.2 lbs. active ingredient) of surface to be treated. Apply only to known mosquito breeding sites, reapply as infestation warrants.

Pre-hatch — Make a single application during the winter months at a rate of 25 to 50 gallons of finished spray per acre (equivalent to ½ to 1 lb. of active ingredient).


NOTE: This product is toxic to fish. Keep out of lakes, streams and ponds. Rates recommended on this label are toxic to shrimp and crab. Do not apply where these species are an important resource. Do not apply to water drainage areas where runoff or flooding will contaminate ponds.

FOREST AND SHADE TREES: For control of the following insects use a 6% Methoxychlor solution with a mist blower at rates recommended in the following table.

Mix 57 lbs. Methoxychlor 50% W.P. Insecticide per 50 gallons of water for mist blower solution or 1 to 2 lbs. of Methoxychlor 50% W.P. Insecticide per 100 gallons of water for conventional sprayer.

BEST DOCUMENT AVAILABLE


DANGER -- POISON -- PRECAUTIONS



POISONOUS IF SWALLOWED

Even in small amounts!


DON'T SWALLOW



POISONOUS BY SKIN CONTACT

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

DON'T TOUCH



POISONOUS IF BREATHED

Poisonous if vapor or mists from sprays are breathed. Vapors are not visible. Never work with parathion or in parathion treated areas without protective clothing and equipment.

DON'T BREATHE

POISONOUS TO WILDLIFE. This product is toxic to fish, birds, and other wildlife. Birds and other wildlife in treated areas may be killed. Do not apply when weather conditions favor drift from treated areas. Keep out of any body of water. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning equipment or disposal of wastes.

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.

BEST DOCUMENT AVAILABLE

ACCEPTED
 JUL 14 1978
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 2393-246

RESTRICTED USE I

For retail sale to and use only by Certified Applicator supervision and only for those uses covered by the Ce

Hopkin
METHYL PAR
 4 Pounds Per Gallon Emulsifiable
 Emulsifiable insecticide for control on the listed field, forage, fruit, an

ACTIVE INGREDIENTS:
 O, O-dimethyl O-p-nitrophenyl phosphorothioate*
 Xylene

INERT INGREDIENTS:

*Equivalent to 4.0 lbs. of 100% methyl parathion per gallon
 EPA Reg. No. 2393-246 AA

POISON



NOT FOR HOME USE -- STOP --
 SEE SIDE PANEL FOR ANTIDOTE AND
 USE ONLY ACCORDING TO LABEL
 SEE ATTACHED FOLDER FOR COMPLETE
 READ NOTICE OF WARRANTY BEFORE
 IF TERMS ARE NOT ACCEPTABLE RETURN

NET CONTENTS



CODE 1 2 3 4 5 6 7 8 9 10

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

Hopkins

METHYL PARATHION

4 Pounds Per Gallon Emulsifiable Concentrate

Emulsifiable insecticide for controlling certain insects on the listed field, forage, fruit, and vegetable crops.

ACTIVE INGREDIENTS:

O, O-dimethyl O-p-nitrophenyl phosphorothioate* 45.3%

Xylene 48.0%

INERT INGREDIENTS: 6.7%

TOTAL 100.0%

*Equivalent to 4.0 lbs. of 100% methyl parathion per gallon
EPA Reg. No. 2393-246-AA

EPA Est. No. 2393-WI-1

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE

ACCEPTED
JUL 14 1978
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended by the Fungicide, Insecticide, and Rodenticide Act, Reg. No. 2393-246-AA

POISON



DANGER!

KEEP OUT OF REACH OF CHILDREN

**NOT FOR HOME USE — STOP — READ THE LABEL
SEE SIDE PANEL FOR ANTIDOTE AND PRECAUTIONS
USE ONLY ACCORDING TO LABEL INSTRUCTIONS
SEE ATTACHED FOLDER FOR COMPLETE USE INSTRUCTIONS
READ NOTICE OF WARRANTY BEFORE BUYING OR USING**

IF TERMS ARE NOT ACCEPTABLE RETURN AT ONCE UNOPENED.

NET CONTENTS

GALLONS



Hopkins

agricultural chemical co.

CODE 1 2 3 4 5 6 7 8 9

DANGER!

POISONOUS BY SKIN CONTACT, IN SWALLOWING. RAPIDLY ABSORBED THROUGH THE SKIN. REPEATED EXPOSURE MAY WITHOUT WARNING BECOME INCREASINGLY HAZARDOUS.

DO NOT GET ON SKIN, IN EYES, OR INHALE VAPOR. Wear heavy natural rubber gloves and goggles. Wear heavy waterproof or freshly laundered protective clothing (rubber boots, cap, etc.). Destroy and replace contaminated clothing. Wash thoroughly with soap and warm water after use.

Bathe immediately after work and change clothing thoroughly with soap and hot water.

In case of contact, immediately remove clothing and wash skin thoroughly with soap and water. Flush with water for 15 minutes.

DO NOT BREATHE DUST, VAPOR, OR FOG. Wear a mask or respirator of a type approved by the Bureau of Mines for METHYL PARATHION. Airplane pilots should wear full face mask.

If handled indoors, provide mechanical exhaust. Do not apply or allow drift to areas occupied by humans or beneficial animals.

DO NOT STORE NEAR FOOD OR FEEDSTUFFS. Keep out of reach of children and domestic animals.

Not for use or storage in or around the home. Bury spillage; clean up area with strong detergent.

TO PREVENT PERSONAL INJURY AND IRRITATION:

Keep all persons and animals out of treated areas until the pesticide and volatile residues have dissipated.

POISON

ATROPINE IS AN ANTIDOTE

CONSULT PHYSICIAN FOR EMERGENCY TREATMENT



FIRST AID

CALL A PHYSICIAN AT ONCE IN CASE OF SUSPECTED METHYL PARATHION POISONING.

If symptoms or signs of poisoning including abdominal cramps, and tightness in the chest, call a physician immediately. Give the doctor but give two atropine tablets (each 0.65 milligrams) at once. (One tablet to children 6 years of age)

Move patient immediately from the area if the poisoning is present.

Remove contaminated clothing and wash with plenty of soap and water to remove all traces of the poison. If swallowed, induce vomiting by giving warm water. Have victim lie down and keep warm.

***NEVER GIVE ANYTHING BY MOUTH TO A SUSPECTED POISONED PERSON.**

USE PESTICIDE

Applicators or persons under their direct supervision must be certified by the Certified Applicator's Certification

Hopkins METHYL PARATHION Emulsifiable Concentrate

for controlling certain insects on
fruit, and vegetable crops.

.....	45.3%
.....	48.0%
.....	6.7%
TOTAL	100.0%

EPA Est No 2393 WI-1



DANGER!
KEEP OUT OF
REACH OF
CHILDREN

**STOP — READ THE LABEL
ANTIDOTE AND PRECAUTIONS
AND LABEL INSTRUCTIONS
FOR COMPLETE USE INSTRUCTIONS
BEFORE BUYING OR USING
RETURN AT ONCE UNOPENED.**

GALLONS

Manufactured by
Hopkins
Agricultural Chemical Co.
Madison, Wisconsin

BEST DOCUMENT AVAILABLE

DANGER!

POISONOUS BY SKIN CONTACT, INHALATION, OR SWALLOWING. RAPIDLY ABSORBED THROUGH SKIN. REPEATED EXPOSURE MAY, WITHOUT SYMPTOMS, BE INCREASINGLY HAZARDOUS.

DO NOT GET ON SKIN, IN EYES, ON CLOTHING: Wear heavy natural rubber gloves and goggles. Wear clean waterproof or freshly laundered protective clothing (coveralls, rubber boots, cap, etc.). Destroy and replace gloves frequently. Wash thoroughly with soap and warm water before eating or smoking.

Bathe immediately after work and change all clothing. Wash clothing thoroughly with soap and hot water before re-use. In case of contact, immediately remove contaminated clothing and wash skin thoroughly with soap and water; for eyes, flush with water for 15 minutes.

DO NOT BREATHE DUST, VAPOR, OR SPRAY MIST: Wear a mask or respirator of a type approved by the U. S. Bureau of Mines for METHYL PARATHION protection. Airplane pilots should wear full face canister type mask. If handled indoors, provide mechanical exhaust ventilation. Do not apply or allow drift to areas occupied by unprotected humans or beneficial animals.

DO NOT STORE NEAR FOOD OR FEED PRODUCTS: Keep out of reach of children and domestic animals. Not for use or storage in or around the home. Bury spillage, clean up area with strong lye solution.

TO PREVENT PERSONAL INJURY AND POSSIBLE FATALITIES: Keep all persons and animals out of treated areas for 48 hours. Vacated areas should not be re-entered until drifting insecticide and volatile residues have dissipated.

POISON

ATROPINE IS AN ANTIDOTE.

CONSULT PHYSICIAN FOR EMERGENCY SUPPLY.



FIRST AID



CALL A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED METHYL PARATHION POISONING.

If symptoms or signs of poisoning include blurred vision, abdominal cramps, and tightness in the chest, do not wait for a doctor but give two atropine tablets (each 1.00 grain or 0.65 milligrams) at once. (One tablet to children under five years of age).

Move patient immediately from the area where methyl parathion is present.

Remove contaminated clothing and wash the skin clean with plenty of soap and water to remove all traces of methyl parathion. If swallowed, induce vomiting by giving salty or soapy warm water. Have patient lie down and keep quiet.

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON

PHYSICIAN NOTE: This product is a cholinesterase inhibitor. Warning symptoms include weakness, headache, tightness in the chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps.

TREATMENT: Large doses of atropine are required. For adults, give 2.0 mg to 4.0 mg. of atropine, preferably by intravenous injection, at once and repeat every 10 to 15 minutes until pupils dilate. In addition to atropine, if 2-PAM Chloride (pralidoximechloride) is available, administer according to manufacturer's directions. Never give morphine. Clear chest by postural drainage. Artificial respiration or oxygen administration may be necessary. Observe patient continuously 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 allowed as determined by blood tests.

CONTAINER DISPOSAL

DESTROY EMPTY CONTAINER—NEVER REUSE Completely empty contents and bury unused chemical 18 inches deep in an isolated location away from water supplies.

METAL CONTAINERS

1 gal. drum: Pour 1 qt. of water into empty drum. Add 1 tablespoon of household detergent. Rotate drum carefully until all inner surfaces are wet. Bury rinse solution 18" deep. Punch holes in top and bottom of container, crush and bury.

5 gal. drum: Pour 2 qt. of water into empty drum. Slowly add 1/2 cup caustic soda (lye) and 2 tablespoons of household detergent. Follow the same rinsing, destruction and burial procedures given for 1 gal. drum.

30 and 55 gal. drum: Follow same procedures as for 5 gal. drum except use 5 gal. of water, 2 lb. of lye and cup of detergent.

CAUTION: Do not get rinse solution on hands, in eyes, or on clothing. Wear protective clothing and equipment. In case of contact wash immediately with soap and water.

Combustible: Do not store or use near heat or open flame. In case of fire use water spray, foam, dry chemical or CO₂.

NOTICE OF WARRANTY

Seller makes no warranty, express 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.

IN CASE OF ANY EVIDENCE OF DAMAGED OR LEAKING CONTAINERS TELEPHONE COLLECT, 608/222-0624, HOPKINS AGRICULTURAL CHEMICAL CO., MADISON, WI.