

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 ETHYL PARATHION EM-4 INSECTICIDE

ACTIVE INGREDIENTS:

Parathion* 46.7%
Xylene-range aromatic hydrocarbon solvent 46.1%

INERT INGREDIENTS:

7.2%

TOTAL 100.0%

*O,O-Diethyl O-p-nitrophenyl phosphorothioate
(1 gallon contains 4 lbs. of parathion)
EPA Reg. No. 2393-356

EPA Est. No. 2393-WI-1

Red ← **DANGER!**
KEEP OUT OF REACH OF CHILDREN

Red



POISON



BEST DOCUMENT AVAILABLE

See side panels for Statement of Practical Treatment, precautionary statements, warning symptoms, first aid treatment, information for physician and posting of treated areas

Read label folder for additional use precautions, directions for use, and storage and disposal statements

NOTICE OF WARRANTY

Hopkins Agricultural Chemical Co. warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use

Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or values, etc.

Hopkins Agricultural Chemical Co. makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY

BUYER assumes the risk of any use contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable by Hopkins Agricultural Chemical Co.

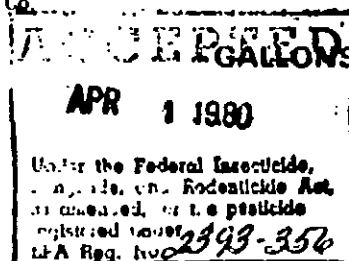
NET CONTENTS



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Hopkins
agricultural chemical co.

BOX 7532 • MADISON WISCONSIN 53707

CODE 2393 356 1 2 3 4 5 6 7 8 9 (2-80)



STATEMENT OF PRACTICE

Speed is essential; if possible, one person should apply while another begins.

Call a physician, clinic, or hospital in cases of suspected poisoning.

Remove patient immediately from contaminated clothing. Wash with plenty of soap and water. Persons should avoid contamination and

If Swallowed — Do not induce vomiting by finger or blunt object. OR GIVE ANYTHING. Call a physician. Patient should lie down and

If in Eyes — If splashed, flush eyes with water for

ANTIDOTE: Atropine. Call a physician about obtaining tablets for emergency use to lessen symptoms of poisoning.

FIRST AID: If symptoms appear (e.g., cramps and tightness of chest), call a doctor but give two grains (at once)

NOTE TO PHYSICIAN: Symptoms include weakness, headache, blurred vision, nonreactive pupils, nausea, vomiting,

TREATMENT: Give intravenously, 2 to 4 milligrams (at once and repeat 20 to 30 milligrams during the first 24 hours). Artificial respiration may be necessary 0 to 72 hours. Repeat blood tests may be necessary. Allow no further regeneration of blood tests

USE PESTICIDE:

ED APPLICATORS OR PERSONS UNDER THEIR DIRECT
ION BY THE CERTIFIED APPLICATOR'S CERTIFICATION

LOPKINS PARATHION INSECTICIDE

.....	46.7%
.....	46.1%
.....	7.2%
TOTAL	100.0%

EPA Est. No. 2393 WI 1

DANGER!
TO EACH OF CHILDREN

POISON



it, precautionary statements, warning symptoms, first aid
treated areas
Directions for use, and storage and disposal statements

WARRANTY

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implied

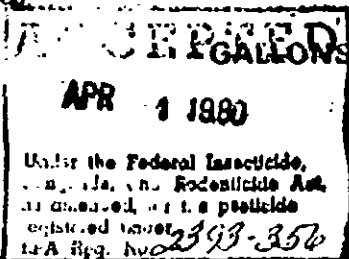
label instructions, or under abnormal conditions, or under
agricultural Chemical Co.

MANUFACTURED BY

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cultural chemical co

WISCONSIN 53707



STATEMENT OF PRACTICAL TREATMENT

Speed is essential to stop absorption of poison. If possible, one person should make telephone calls while another begins treatment.

Call a physician, clinic or hospital immediately in all cases of suspected poisoning.

Remove patient immediately from the area. Remove contaminated clothing and wash the skin clean with plenty of soap and water to remove all traces of the pesticide. Persons offering assistance must avoid contamination and wash thoroughly.

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. Have patient lie down and keep quiet.

If in Eyes — If splashed in eyes, immediately flush eyes with water for at least 15 minutes.

ANTIDOTE: Atropine is an antidote. Consult your physician about obtaining a supply of 1/100 grain tablets for emergency use. Never take atropine unless symptoms of poisoning have occurred.

FIRST AID: If symptoms or signs of poisoning (See Note to Physicians) include blurred vision, abdominal cramps and tightness in the chest, don't wait for a doctor but give two atropine tablets (each 1/100 grain) at once.

NOTE TO PHYSICIANS: Warning symptoms include weakness, headache, tightness in chest, blurred vision, nonreactive pinpoint pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps.

TREATMENT: Give atropine intramuscularly or intravenously, 2 to 4 milligrams (3 to 6 tablets, 1/100 grain each) at once and every hour as required until pupils dilate. 20 to 30 milligrams or more may be required during the first 24 hours. Never give morphine or phenothiazine tranquilizers. Clear chest by postural drainage. Artificial respiration or oxygen administration may be necessary. Observe patient continuously for 48 to 72 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause increasing susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until cholinesterase regeneration has taken place as determined by blood tests.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (& DOMESTIC ANIMALS) DANGER

**POISONOUS BY SKIN CONTACT, INHALATION OR SWALLOWING
RAPIDLY ABSORBED THROUGH SKIN
REPEATED INHALATION OR SKIN CONTACT
MAY, WITHOUT SYMPTOMS, PROGRESSIVELY INCREASE SUSCEPTIBILITY TO
PARATHION POISONING.**

Do Not Get in Eyes, On Skin, On Clothing
Wear clean, heavy rubber gloves and clean water-proof or freshly laundered protective clothing (coveralls, cap, etc.). Clothing must not get wet through. 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 reuse. In case of contact, immediately remove contaminated clothing and wash skin thoroughly with soap and water.

Do Not Breathe Vapor or Spray Mist
Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11. Airplane pilots should wear full-face, canister-type mask. If handled indoors, provide mechanical exhaust ventilation. Remove unprotected persons and domestic animals from operating and adjacent areas where insecticide may drift, prohibit re-entry until drift and vapor dissipate. Workers entering treated fields within 48 hours must wear protective clothing.

Do Not Contaminate Food or Feed Products
Cover spillage with an absorbent such as a soda ash, lime, clay or sawdust. Sweep up and bury. Wash area thoroughly with a full strength, liquid household chlorine bleach.

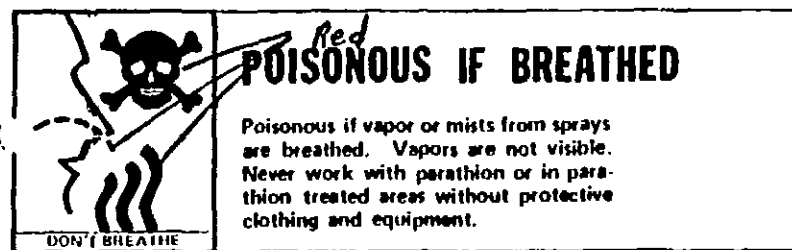
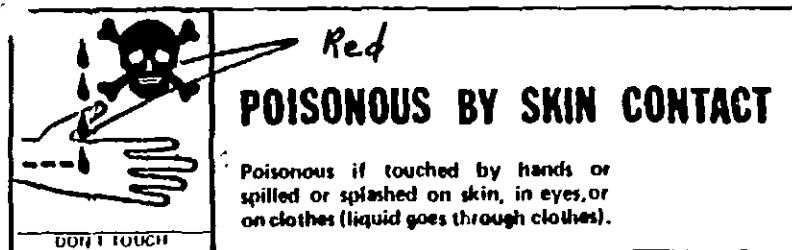
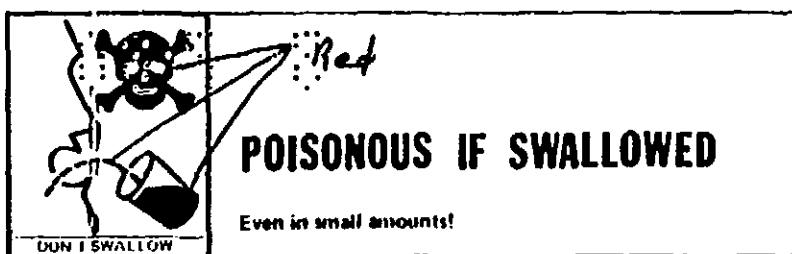
ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and 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 when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. 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.

To protect bees and other pollinators, use in early morning or late evening.

BEST DOCUMENT AVAILABLE

DANGER — POISON — PRECAUTIONS



PHYSICAL AND CHEMICAL HAZARDS

Combustible — Do not use, pour, spill or store near heat or open flame. Keep container closed. Use with adequate ventilation.
Protect from temperatures below 50°F.

BEST DOCUMENT AVAILABLE

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Hopkins **ETHYL PARATHION** **EM-4 INSECTICIDE**

ACTIVE INGREDIENTS:	
Parathion*	46.7%
Xylene-range aromatic hydrocarbon solvent	46.1%
INERT INGREDIENTS:	
10.0 Diethyl 0-p-nitrophenyl phosphorothioate (1 gallon contains 4 lbs. of parathion) EPA Reg. No. 7393-356	7.2%
TOTAL	100.0%

DANGER!
KEEP OUT OF REACH OF CHILDREN

POISON

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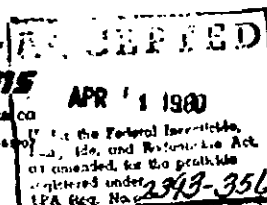
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BUYER assumes the risk of any use contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable by Hopkins Agricultural Chemical Co.



MANUFACTURED BY
Hopkins
AGRICULTURAL CHEMICAL CO.
BOSTON, MASSACHUSETTS



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and disposal statements

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NOTE TO PHYSICIANS: Warning symptoms include weakness, headache, tightness in chest, blurred vision, nonreactive pinpoint pupils, salivation, sweating, nausea, vomiting, diarrhea and abnormal cramps.

TREATMENT: Give atropine intramuscularly or intravenously, 2 to 4 milligrams (3 to 5 tablets 1/100 grain each) at once and every hour as required until pupils dilate. 20 to 30 milligrams or more may be required during the first 24 hours. Never give morphine or phenothiazine tranquilizers. Clear chest by postural drainage. Artificial respiration or oxygen administration may be necessary. Observe patient continuously for 48 to 72 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause increasing susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until cholinesterase regeneration has taken place as determined by blood tests.

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Do Not Breathe Vapor or Spray Mist. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part II. Airplane pilots should wear full face, canister type mask. If handled indoors, provide mechanical exhaust ventilation. Remove unprotected persons and domestic animals from operating and adjacent areas where insecticide may drift, prohibit re entry until drift and vapor dissipate. Workers entering treated fields within 48 hours must wear protective clothing.

Do Not Contaminate Food or Feed Products. Cover spillage with an absorbent such as a soda ash, lime, clay or sawdust. Sweep up and bury. Wash area thoroughly with a full strength, liquid household chlorine bleach.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and 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 when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Skunk 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.

To protect bees and other pollinators, use in early morning or late evening.

BEST DOCUMENT AVAILABLE

RESTRICTED USE PESTICIDE

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HOPKINS ETHYL PARATHION EM-4 INSECTICIDE

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

TRIPLE RINSE PROCEDURE:

- 1 Empty container into spray tank. Then drain in
vertical position for 30 seconds.
- 2 Add a measured amount of rinse water so
container is 1/4 to 1/5 full. For example, one
quart in one gallon container.
- 3 Rinse container thoroughly, pour into tank
and drain 30 seconds. Repeat three times.
Add enough water to bring tank up to desired
level.

EQUIVALENT TO TRIPLE RINSE PROCEDURE MAY BE USED

PROHIBITIONS: Do not contaminate water,
food, or feed by storage or disposal. Open
dumping is prohibited.

PESTICIDE DISPOSAL: Pesticide, spray mix-
ture, or residue that cannot be used or chemi-
cally reprocessed should be disposed of in a
landfill approved for pesticides or buried in a
safe place away from water supplies.

CONTAINER DISPOSAL: Rinse the inside of
the container with decontamination solution
prepared by adding household or commercial
detergent and caustic soda (lye) to water in the
proportions indicated below. Tighten closure.
Rotate drum carefully until all inner surfaces are
wet. Bury rinse solution 18" deep. Dispose of
container in an approved landfill or bury in a safe
place.

(Continued on next panel)

Decontamination Solution			
Container Size	Water	Detergent	Caustic Soda (lye)
Less than 5 gallon	1 quart	1 tablespoon	1 teaspoon
5 gallon	2 quarts	2 tablespoons	1 cup
30 gallon	3 gallons	3 cups	1 pound
55 gallon	5 gallons	5 cups	2 pounds

GENERAL: Consult federal, state or local au-
thorities for approved alternative procedures.

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

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

Application should be made only by experienced
personnel using approved safety equipment.

Add recommended amount of this material into
nearly filled spray tank. Add balance of water to fill
tank. Keep agitator running during filling, mixing and
spraying operations. Do not allow mixture to stand.
If mixture does not mix readily, but tends to separate
as an oily layer, do not use as injury to plants may
result. Do not combine emulsifiable liquids with
wettable powders in the same spray tank unless pre-
vious use of the materials being combined has proved
them to be physically compatible.

Unless otherwise specified when applying by ground
equipment, use specified dosage in not less than 10
gallons of water per acre, by aircraft equipment in 2.5
gallons of water per acre.

Consult State Agricultural Extension Service or State
Agricultural Experiment Station for additional infor-
mation, as the timing, number and rates of applica-
tion needed will vary with local conditions.

FRUIT AND NUT CROPS

Unless otherwise specified, rates are given in terms
of Ethyl Parathion EM-4 Insecticide per 100 gallons
of water for thorough coverage application. Unless
otherwise specified, apply at the first sign of infesta-
tion and repeat at 7-10 day intervals as needed to
maintain control, but observe use limitations given
for specific crops.

APPLES: For control of codling moth, plum cur-
culio, orange tortrix, San Jose scale, and scurfy
scales, red-banded leaf roller (second and third
broods), woolly apple aphid and mealybug, use 1/2 pint
per 100 gallons.

Apple pests given below when present, are also con-
trolled. For control of bud moth, fruit tree leaf
roller, rosy apple aphid, green apple aphid, red
banded leaf roller (first brood), European red mite,
two spotted mite, Pacific mite, Schoenher mite, Wil-
lamette mite and clover mite, use 1/2 pint per 100
gallons. For certain mites such as two spotted and

Willamette, repeat applications at 7 to 10 day inter-
vals during the summer months.

The directions for control of mites on apples are ap-
plicable to peach, pear, plum and plum.

CAUTION: Injury to fruit and foliage may result from
use of this material on McIntosh and related varieties.
Do not apply within 14 days of harvest.

APRICOTS: For control of codling moth, Oriental
fruit moth, and bud moth, use 1/2 pint to 1 1/2 pints per 100
gallons. Use 1/2 pint per 100 gallons for bud moth, fruit
tree leaf roller, spider mites and aphids as for apples.
Do not apply within 14 days of harvest. Do not apply
until danger of bee poisoning has passed.

CHERRIES: Black cherry aphid, eye spotted bud
moth, lesser apple worm, mites, shot hole borer and
western cherry fruit fly, use 1/2 pint per 100 gallons.
For fruit fly control, begin applications at fly emer-
gence and repeat at 7 day intervals. Do not apply
within 14 days of harvest.

CITRUS

CALIFORNIA CITRUS* PESTS: Ethyl Parathion
EM-4 Insecticide is recommended for control of
California citrus scales. The product may be used in
conventional high pressure ground sprayers or
boom sprayers and aircraft equipment when the
latter are capable of providing thorough coverage.

BLACK SCALE: Use 1 pint per 100 gallons of
water in a full coverage spray during August to
November.

CALIFORNIA RED SCALE AND YELLOW SCALE:
Use 1 1/2 pints per 100 gallons of water or 1 1/2 pints
with 1 1/2 to 1 3/4 gallons of a light or light medium oil
emulsion per 100 gallons in a full coverage spray
at recommended times.

CITRUS* AND COTTONY CUSHION SCALE:
Use 3 pints per 100 gallons using 100 to 400
gallons of spray per acre or 1/2 pint per 100 gallons
in a full coverage spray during August to Novem-
ber, increase dose to 1 1/2 pint per 100 gallons
during February to March and to 1 3/4 pint during
May and June applications.

CITRUS THRIPS: Use 3 pints per 100 gallons
using 100 to 200 gallons of spray per acre or 1/2
pint per 100 gallons in full coverage spray at time
of petal fall. Repeat in late summer and early fall to
protect new growth and prevent scarring of fruit.

PURPLE SCALE: Use 1 pint per 100 gallons of
water or 1/2 pint with 1 1/2 to 1 3/4 gallons of a light
or light medium oil emulsion per 100 gallons in a
full coverage spray at recommended times.

CITRUS* — CITRUS THRIPS: Control in California.
Use 3 pints per acre in 10 to 20 gallons of water per
acre when applied by aircraft, 100 to 200 gallons of
water by ground equipment. Apply at petal fall.
Repeat in late summer and early fall to protect new
growth and prevent fruit scarring.

LIMITATIONS: 4 days of harvest if applied up to 4
pounds actual parathion per acre, 30 days of harvest
if applied in excess of 4 pounds actual parathion per
acre.

*grapefruit, kumquats, lemons, limes, oranges, tan-
gelos, tangerines.

GRAPES (California Recommendations): —
bug. Use 2 pints per 100 gallons of water
gallons of dormant oil emulsion. Apply dur-
ing dormant period. Spray vines after pruning but
before budding. Refer to Extension bulletin for or-
spray program. Leaf folder. Use 2 pints per
gallons of water. Mites. Use 1/2 pint per 100 gal-
lons of water. Repeat applications at 5-7 day in-
tervals.

Rate maximum per acre: 3 pints up to 14
harvest, 5 pints if applied before fruit is the
buckshot or after harvest.

NECTARINES, PEACHES: — Carfacing.
Oriental fruit moth, peach twig borer, thrips (lar-
vae only) and San Jose scale. Use 1 pint
gallons. For the control of cottony peach sca-
le, tree leaf roller, green peach aphid and spider
use 1/2 pint per 100 gallons.

LIMITATIONS:

Areas other than California: Full coverage
for control of scale insects. Do not apply
days of harvest. Do not apply more than 5
actual parathion per acre per year.

California: Do not apply within 21 days of
harvest. Do not apply more than once after bloom
apply more than 5 pounds actual parathion
per acre between January 1 and harvest.

PEAR: For control of pear blister mite, use
per 100 gallons in preblossom spray. For pea-
ch use 1/2 pint per 100 gallons either in preblos-
som or blossom sprays. Use dosages listed under
for control of codling moth, mealybug, woolly
and certain spider mites. Under some con-
ditions injury may occur on Bosc pears in the North-
west. Do not apply within 14 days of harvest.

PLUM AND PLUM: For control of pea-
boxer, use 1 pint per 100 gallons. For control
moth, mealy plum louse, tortrix, leaf roller
hoppers, aphids and spider mites, use 1/2 pint
per 100 gallons. Do not apply within 14
days of harvest.

OLIVE: For control of parlatoria, oleander
scale, use 1 1/4 pint per 100 gallons or 1 p
regular oil spray during June or July. No appl
after August 1.

STRAWBERRIES: For control of aphids, use
1 1/2 pints per acre. Do not apply within 14
days of harvest. For control of root weevil at post
harvest apply 2 pints per acre.

WALNUT: For control of aphids and red spe-
ckled mite, use 1/2 pint per 100 gallons water. Repeat at 7 to
10 days of harvest. Use 1/2 gallon per acre for cod-
ling control. Do not apply after husks open.

VEGETABLE, FIELD AND SPECIAL USES

Unless otherwise indicated, dosages are in
pints of Ethyl Parathion EM-4 Insecticide per
sufficient water to provide thorough coverage.
Applications when insects first appear and re-
peat at 10 day intervals as needed to maintain con-
trol. Observe use limitations given for specific crops.

AVAILABLE

BEST PRICE AVAILABLE

GRAPES (California Recommendations) — Mealy bug. Use 2 pints per 100 gallons of water plus 2 gallons of dormant oil emulsion. Apply during dormant period. Spray vines after pruning but before budding. Refer to Extension bulletin for complete spray program. Leaf folder. Use 2 pints per 100 gallons of water. Mites. Use 1/2 pint per 100 gallons of water. Repeat applications at 5-7 day intervals. Rate maximum per acre: 3 pints up to 14 days of harvest; 5 pints if applied before fruit is the size of buckshot or after harvest.

NECTARINES, PEACHES — Catfacing insects. Oriental fruit moth, peach twig borer, thrips (on nectarines only) and San Jose scale. Use 1 pint per 100 gallons. For the control of cottony peach scale. Fruit tree leaf roller, green peach aphid and spider mites. Use 1/2 pint per 100 gallons.

LIMITATIONS:
Areas other than California. Full coverage spray for control of scale insects. Do not apply within 14 days of harvest. Do not apply more than 5 pounds actual parathion per acre per year.
California: Do not apply within 21 days of harvest. Do not apply more than once after bloom. Do not apply more than 5 pounds actual parathion per acre between January 1 and harvest.

PEAR — For control of pear blister mite, use 1/2 pint per 100 gallons in preblossom spray. For pear psylla, use 1/2 pint per 100 gallons either in preblossom or post blossom sprays. Use dosages listed under apple for control of codling moth, mealybug, woolly aphid and certain spider mites. Under some conditions, injury may occur on Bosc pears in the Northeast. Do not apply within 14 days of harvest.

PRUNE AND PLUM — For control of peach twig borer, use 1 pint per 100 gallons. For control of bud moth, mealy plum louse, tortrix leaf roller, leaf hoppers, aphids and spider mites, use 1/2 pint to 1 pint per 100 gallons. Do not apply within 14 days of harvest.

OLIVE — For control of parasitoid, oleander and black scales, use 1 1/2 pints per 100 gallons or 1 pint with regular oil spray during June or July. No applications after August 1.

STRAWBERRIES — For control of aphids, apply 1 to 1 1/2 pints per acre. Do not apply within 14 days of harvest. For control of root weevil at post harvest, apply 2 pints per acre.

WALNUT — For control of aphids and red spider, use 1/2 pint per 100 gallons water. Repeat at 7 to 10 days for red spider. Use 1/4 gallon per acre for codling moth control. Do not apply after husks open.

VEGETABLE, FIELD AND SPECIAL USES

Unless otherwise indicated, dosages are given in pints of Ethyl Parathion EM 4 Insecticide per acre in sufficient water to provide thorough coverage. Begin applications when insects first appear and repeat at 7 to 10 day intervals as needed to maintain control, but observe rate limitation given for specific crops.

TABLE

ALFALFA SEED CROPS — Alfalfa chalcid, alfalfa weevil larvae, aphids, armyworms, blister beetles, lygus, stink bugs.

Areas other than California. Use 1/2 to 1 1/2 pints per acre.

California. Use 1/4 to 1 pint per acre.

Use in early morning or late evening to avoid injury to pollinators. Birds and other wildlife in treated areas may be harmed. Do not apply within 15 days of harvest. Do not use parathion if field is to be cut for hay.

ARTICHOKE — For plume moth and aphid control, use 2 pints. Do not apply within 7 days of harvest.

BEANS — Aphids, leafhopper, leafminer, leaf roller, Mexican bean beetle, spider mites, stink bugs, white fly, use 1 to 1 1/2 pints. Do not apply within 15 days of harvest.

BEETS — For aphids, armyworms, blister beetle, flea beetle, leafhopper, leafminer and webworm, apply 1 to 1 1/2 pints. Do not apply within 15 days of harvest or 21 days if treated tops are to be used for food or feed.

CABBAGE, CAULIFLOWER, BROCCOLI, BRUSSELS SPROUTS, KALE, MUSTARD, TURNIPS — For control of aphids, armyworms, cabbage looper, flea beetle, diamond back moth, imported cabbage worm, serpentine leafminer and thrips, apply according to the following rates and preharvest limitations: Cabbage, kale, mustard, turnips: 1/2 pint - 7 days; 1 pint - 10 days. Cauliflower, broccoli: 1 pint - 7 days. Brussels sprouts: 1 pint - 7 days; 2 pints - 14 days.

CARROT — For control of aphids, use 1/2 to 1 pint per 100 gallons. Apply 300 gallons per acre. Do not apply within 15 days of harvest.

CELERY — For control of aphids, celeryworms, celery leaf miner, leafhoppers and spider mites, apply 1 to 2 pints (1 pint - 21 days of harvest; 2 pints - 30 days).

CORN — Apply 1 to 2 pints for European corn borer control. For control of armyworms, use 1/2 pint. Do not apply within 12 days of picking or cutting for forage.

COTTON — Aphids, cotton leaf perforator, false chinch bug, leafhopper, lygus bugs, salt marsh caterpillar, spider mites, stink bugs. Apply 1 pint (2 pints for leaf perforator and lygus bugs). Do not apply within 5 days of hand picking.

CUCUMBER, SQUASH AND MELONS — Apply 1 pint for control of aphids, cucumber beetle, cut worms, darkling ground beetle, flea beetle, leaf hopper, leafminer, melonworm, pickleworm, serpentine leafminer, squash bug, spider mites, petiole borer and thrips. Make no applications before plants start to vine or within 15 days of harvest on cucumber and squash, and 7 days on melons.

LEGUMES (alfalfa, clover, vetch), SMALL GRAINS (barley, oats, wheat) — For control of alfalfa weevil on alfalfa, aphids (including yellow clover aphid), armyworms, blister beetles and grasshoppers, apply 1/2 pint per acre. Make no application within 15 days of cutting or forage use or harvesting of grains. (Areas other than California and Nevada: 1 1/2 pints for alfalfa and vetch, all other crops; 3 pints: California and Nevada: 1/2 pint for all crops.)

LETTUCE, ENDIVE — Aphids, leafhoppers. Use 1 pint. Do not apply within 7 days of harvest on head lettuce, 21 days on endive and leaf and baby lettuce.

ONIONS — Thrips. Apply 1 to 1 1/2 pints and repeat at weekly intervals as necessary for control. Do not apply within 15 days of harvest.

PEAS — Aphids, armyworms, climbing cutworms, pea weevil, serpentine leafminer, thrips. Use 1 pint per acre. Do not apply within 10 days of harvest.

PEPPERS — Apply 1 to 1 1/2 pints for aphid, pepper maggot, flea beetle, serpentine leafminer and thrips control. Do not apply within 15 days of harvest.

POTATOES — Aphids, Colorado potato beetle, flea beetle, leafhopper, leafminer, spider mites. Use 1 to 2 pints. Do not apply within 5 days of harvest.

RICE (California Only) — For rice leafminer and tadpole shrimp control, apply at the first sign of infestation after planting, using 1/2 pint Ethyl Parathion EM 4 Insecticide in 5 to 10 gallons of water by aircraft. Restrict spill from rice fields for 5 days following application. Do not apply within 1 day of harvest. Caution: Do not use within 14 days of application of propyl. Injury may result. Do not spray over canals or laterals.

SPINACH — Apply 1/2 to 1 pint for aphid and leaf miner control. Do not apply within 14 days of harvest.

SUGAR BEETS — Apply 1 to 1 1/2 pints for aphids, armyworms, blister beetles, flea beetles, leafhoppers, leafminers, mites and webworms. Do not apply within 15 days of harvest.

TOMATOES — Aphids, flea beetle, leafhopper, serpentine leafminer, spider mites, stink bugs, tomato pinworm, use 1 1/2 to 2 pints per acre. Do not apply within 10 days of harvest.

MOSQUITO CONTROL — In rice fields and irrigated pastures. Apply 3.2 fluid ounces per acre in 20 gallons of water by aircraft or in 25 to 100 gallons of water by ground equipment. In rice fields, do not apply within 1 day of harvest, in irrigated pastures, do not apply within 7 days of harvest or grazing.



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