

RESEALABLE POUCH
 ↑ Pull flaps apart to open.
 Press along ridge to close.

**LABEL FOLDER
 CONTAINS
 ALL DIRECTIONS FOR USE**

Miller's
PARATHION 25W

(25% Parathion Spray Powder)
Organophosphorus Insecticide

E. P. A. Reg. No. 802-412

**POISON
 DANGER**



**NOT FOR
 HOME USE**

**Before Using Read All Precautions
 and Directions for Use**

In California, Permit for Purchase or
 use required from County Agricultural
 Commissioner.

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

THE CHAS. H. LILLY CO.
 Portland, Oregon 97218

USE PRECAUTIONS

READ ALL PRECAUTIONS AND DIRECTIONS BEFORE USING. Use only on crops and claims recommended. This product is toxic to fish and wildlife. Keep out of lakes, streams and ponds. Birds and other wildlife in treated areas may be killed. Do not apply when weather conditions favor drift from areas treated.

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.

In order that pest control residues on food and forage crops will not exceed tolerances established by the Federal Food and Drug Administration use only at recommended rates and intervals and do not apply closer to harvest than specified. Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals or onto adjoining food, fiber or pasture crops. The grower is responsible for residues on his crops as well as for damages caused by drift from his property to that of others.

Contact state agricultural extension service or state agricultural experiment stations for additional information as the timing, number and rate of applications needed will vary with local conditions.

CONTAINER DISPOSAL

Destroy Empty Container—Never Re-Use

Rinse spray equipment and dispose of wastes in a pit or crop lands located away from water supplies. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not re-use containers, punch holes in them and bury with wastes. Wear protective clothing noted under "Work Safety Rules" when disposing of containers and wastes.

DIRECTIONS FOR USE

Application can be made by aircraft or ground power equipment by trained personnel only using approved protective equipment. Do not apply with hand equipment.

GENERAL—Wash the required amount of Miller's PARATHION 25W through screen into newly filled spray tank or premix in a bucket and filled with water and pour into newly filled spray tank. Add balance of water to complete mix. Keep agitator running during filling, mixing and spraying operations. Do not combine wettable powders with other wettable powders. Same spray tank unless previous use of the material is being combined has proven them to be compatible.

SUGGESTED WATER RATES FOR AIRCRAFT AND GROUND APPLICATION. The actual rate required to provide thorough coverage varies with plant growth at time of application. Except as specified for certain uses, the following rates are meant to be intended to cover a broad range of conditions.

| Crop | Gal Water/Acre | |
|---------------------------|----------------|---------|
| | Aircraft | Ground |
| Vegetable and Field Crops | 5-20 | 20-125 |
| Orchard, Grapes | 7-25 | |
| Orchard Crops | | 300-600 |
| Citrus | | 200-300 |
| Grapes | | 100-100 |

Maximum permissible rate per acre, expressed as Parathion 25W is 1.0 lb. per acre per application after each crop is done.

RECOMMENDATIONS

FRUIT AND NUT CROPS

(Also Read DIRECTIONS FOR USE)

Unless otherwise specified, rates are given in terms of PARATHION 25W per 100 gal. of water for thorough coverage application. Unless otherwise specified, apply at the first sign of infestation and repeat at 7 to 10 day intervals as needed to maintain control, but observe use limitations given for specific crops.

APPLES

Codling Moth, European Red Mite, Fruit Tree Leaf Roller, Mealy Bug, Orange Tortrix, Plum Curculio, Red-banded Leaf Miner (1st, 2nd and 3rd broods), Two-spotted Mite. Use 1 lb.

Aphids (Rosy & Green Apple), Bud Moth, Pacific Mite, Red Bug, Schoenit Mite and Willamette Mite. Use 3-4 lb.

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 (24 lbs.)

APRICOTS

Codling Moth, Oriental Fruit Moth, Tortrix. Use 1 to 2-1/4 lb.
Bud Moth, Fruit Tree Leaf Roller, Spider Mites, Aphids. Use 1-1/2 lb.

Do not apply until danger of bee poisoning has passed. Do not apply within 14 days of harvest (14-4 lbs.)

CHERRIES

Black Cherry Aphid, Eye-spotted Bud Moth, Lesser Apple Worm, Mites, Shot-hole Borers, Western Cherry Fruit Fly. Use 1 lb.

For Fruit Fly control, begin applications at fly emergence and repeat at 7 day intervals. Do not apply within 14 days of harvest (8-4 lbs.)

CITRUS

CALIFORNIA RECOMMENDATIONS. Citrus Thrips. Use 6 lbs. in 100 to 200 gal. water when applied by aircraft; 100 to 200 gal. water by ground equipment. Apply at petal fall; repeat in late summer and early fall to protect new growth and prevent fruit scarring.

Citrus Scales. This product is recommended for control of California Citrus Scales. It may be used in conventional high-pressure ground sprayers or boom sprayers and airblast equipment when the latter are capable of providing thorough coverage. Black Scale. Use 1 lb. G. Make a full coverage spray during Aug-Nov. California Red and Yellow Scales. Use 1-2 lbs. a tree with 100 to 150 gal. of water or light medium oil emulsions in a full coverage spray at recommended times. Citricola and Cottony Cushion Scales. Use 6 lbs. Apply 100 to 400 gal. spray per acre. Phony Scale. Use 1-2 lbs. with 100 to 150 gal. of light or light medium oil emulsions in a full coverage spray at recommended times.

Maximum Rate Per Acre and Time Limitations. 16 lbs. 14 days of harvest. Over 16 lbs. and up to 40 lbs. 30 days.

In California, the Farm Operator shall not permit workers to enter the treated area to engage in any activity requiring substantial contact with treated foliage until the interval in days noted below has elapsed following last application of Parathion 25W.

| | |
|---|---------|
| More than 4 lbs. per acre per year | 21 days |
| More than 4 lbs. per acre more than 10 lbs. per acre per year | 30 days |
| More than 6 lbs. per acre per application | 30 days |
| More than 10 lbs. per acre per year | 45 days |

GRAPES

CALIFORNIA plus 2 gal. dorm. period. Spray in California. Ext.

In California, enter the treatment interval contact following 14

NECTARIES

Calligraphic Insect
Leafhopper

Cottony Peach Aphid, Spider Mite

Maximum Rate. Full coverage not apply with 16 lbs. per acre per year.

California: Do not apply more than 10 lbs. per acre between 14

In California, enter the treatment interval contact following 14

PEARS

Codling Moth. Use 1 lb. in 100

Pear Psyllid. Spray at post blossom

Do not apply within 14

PLUMS, PEACHES

Aphids, Bud Moth, Spider Mites. Use 1 lb.

Peach Twig Borer. Use 1 lb.

Do not apply within 14

OLIVES

Scales (Parlat). Spray during

STRAWBERRY

Aphids. Use 4 lbs. per acre days of harvest.

WALNUT

Aphids, Red Spider Mite, Dorm.

VEGETABLES

(Also Read Directions for Use)

Unless otherwise specified, PARATHION 25W should be applied at the following rates:

ALFALFA
Alfalfa Weevil. Use 1 lb. per acre with 100 gal. of water. Repeat every 7 to 10 days.

Areas other than those specified and

CTIONS T CROPS

are given in terms of
er for thorough coverage
ed, apply at the first
to 10 day intervals as
e use limitations given

Fruit Tree Leaf Roller,
Culio, Red-banded Leaf
Spotted Mite. Use 1 lb.

Moth, Pacific Mite, Red
Use 3/4 lb.

may result from use of
varieties. Do not apply

Thrips. Use 1 to 2-1/4 lb.
Spider Mites, Aphids.

poisoning has passed.
(14 lbs.)

both, Lesser Apple Worm,
Fruit Fly. Use 1 lb.
at fly emergence and
ily within 14 days of

Thrips. Use 6 lbs
increase to 200 gal
fall, repeat in late
month and prevent fruit

ded for control of Cal-
in conventional high-
sprayers and airblast
of providing thorough
a full coverage spray
Yellow Scales. Use 1/2
a night or light medium
at recommended times.
Use 6 lbs. Apply 100 to
Use 1/2 lbs. with 1-1/2
oil emulsion in a full

limitations: 16 lbs. 14
to 40 lbs. 30 days

not permit workers to
activity requiring sub-
the interval in days
lication of Parathion

21 days
30 days
45 days

GRAPES

CALIFORNIA RECOMMENDATIONS Mealybug. Use 4 lbs. plus 2 gal. dormant emulsion per acre. Apply during dormant period. Spray vines after pruning but before budding. Refer to California Extension Bulletin for complete spray program.

In California, the Farm Operator shall not permit workers to enter the treated area to engage in any activity requiring substantial contact with treated foliage until 21 days have elapsed following last application.

NECTARINES, PEACHES

Callifacing Insects, Oriental Fruit Moth, Peach Twig Borer, Thrips (on Nectarines only), San Jose Scale. Use 2 lbs.
Cottony Peach Scale, Fruit Tree Leaf Roller, Green Peach Aphid, Spider Mites. Use 1-3/4 lbs.

Maximum Rate per Acre and Time Limitation: Areas other than Calif.: Full coverage spray for control of Scale insects. Do not apply within 14 days of harvest. Do not apply more than 16 lbs. per acre per application or more than 20 lbs. 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 10 lbs. per acre per application or more than 20 lbs. per acre between Jan. 1st and harvest.

In California, the Farm Operator shall not permit workers to enter the treated area to engage in any activity requiring substantial contact with treated foliage until 21 days have elapsed following last application.

PEARS

Codling Moth, Mealy Bug, Pear Leaf Blister Mite, Woolly Aphid. Use 1 lb. in pre-blossom spray.

Pear Psylla, Spider Mites. Use 3-4 lb. Make either pre-blossom or post-blossom sprays for the Pear Psylla.

Do not apply within 14 days of harvest. (14 lbs.)

PLUMS, PRUNES

Aphids, Bud Moth, Leathopper, Leaf Roller, Mealy Plum Aphid, Spider Mites, Toxix. Use 1 lb.

Peach Twig Borer. Use 2 lbs.

Do not apply within 14 days of harvest. (16 lbs.)

OLIVES

Scales (Parlatoria, Oleander, Black). Use 2 lbs. with regular oil spray during June or July. Do not apply after Aug. 1. 26 lbs.

STRAWBERRIES

Aphids. Use 2 to 3.2 lbs. per acre. Do not apply within 14 days of harvest. (3.2 lbs.) Post-harvest control of Root Weevil. Use 4 lbs. per acre. (4 lbs.)

WALNUTS

Aphids, Red Siders. Use 1 lb. Repeat at 7 to 10 days for Red Spider. Do not apply after husks open. (4 lbs.)

VEGETABLE AND FIELD CROPS

(Also Read DIRECTIONS FOR USE)

Unless otherwise indicated, dosages are given in pounds of PARATHION 25% 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 use limitations given for specific crops.

ALFALFA

Alfalfa Weevil. California: Apply 1 to 1-1/2 lbs. per acre in 1 to 2 gal. water per acre. Make application when 75% of the plants show feeding damage. Make re-application within 10 days of cutting or forage use. (1-1/2 lbs.)

Areas other than California: Apply 1 to 2 lbs. per acre as specified and listed above. (2 lbs.)

ALFALFA SEED CROPS

Alfalfa Chalcid, Alfalfa Weevil Larvae, Aphids, Armyworms, Blister Beetles, Lygus, Stink Bugs. Areas other than California: Use 1 to 3 lbs. California: Use 1 to 2 lbs.

Use in early morning or late evening to avoid injury to pollinators. Birds and other wildlife in treated areas may be harmed. Do not use Parathion if fields to be cut for hay. Areas other than Calif.: 3.2 lbs. Calif.: 2 lbs.

ALFALFA, CLOVER, VETCH

Aphids (including Yellow Clover Aphid), Armyworms, Blister Beetles, Grasshoppers. Apply 1 to 1-1/2 lbs. per acre. Make one application within 15 days of cutting or forage use. (1-1/2 lbs.)

ARTICHOKE

Aphids, Plum Moth. Use 4 lbs. Do not apply within 7 days of harvest. (4 lbs.)

BEANS (Dry and Green)

Aphids, Armyworms, Leathopper, Leaf Miner, Leaf Roller, Mexican Bean Beetle, Spider Mites, Stinkbugs, White Fly. Use 2 to 3.2 lbs. (2 lbs. - 7 days of harvest, over 2 lbs. up to 3.2 lbs. - 15 days)

BEETS

Aphids, Blister Beetle, Flea Beetle, Leaf Miner, Webworm. Use 2 to 3.2 lbs. Do not apply within 15 days of harvest. (2 lbs.) If treated tops are to be used for food or feed. (3.2 lbs.)

CABBAGE, CAULIFLOWER, BROCCOLI, BRUSSELS SPROUTS, KALE, MUSTARD, TURNIPS

Aphids, Armyworms, Cabbage Looper, Flea Beetle, Diamond Back Moth Larvae, Imported Cabbageworm, Serpentine Leaf Miner, Thrips. Use 2 lbs.

Maximum Rates and Time Limitations: Brussels Sprouts, Cauliflower, Kale: 7 days. Over 2 lbs. up to 6 lbs. - 21 days. Cabbage, Kale, Mustard, Turnips: 1 lb. - 7 days, over 1 lb. up to 2 lbs. - 10 days. Cabbage Looper: over 1 lb. up to 6 lbs. - 21 days.

CARROTS

Aphids: Use 3-4 to 1-1/2 lbs. per 100 gal. Apply 100 gal. per acre. Do not use treated tops for food or feed. Do not apply within 15 days of harvest. (4 lbs.)

CELERY

Aphids, Celeryworms, Celery Leaf Tier, Leathoppers, Spider Mites. Use 2 to 3 lbs. (2 lbs. - 21 days of harvest, over 2 lbs. up to 4 lbs. - 30 days)

CORN

Armyworms. Use 1 lb. European Corn Borer. Use 1-1/4 to 2 lbs. Do not apply within 10 days of picking or cutting for forage. (4 lbs.)

COTTON

Aphids, Armyworms (up to 3rd instar), Brown Cotton Leafhopper, Stinkbug, Caterpillar, Southern Garden Leathopper, Stink Bugs, Spider Mites, Thrips. Use 2 lbs.

Bollworm, Cotton Leaf Perforator, False Chinch Bug, Flea hopper, Lygus bugs, Serpentine Leaf Miner, Tobacco Budworm. Use 4 lbs.

Time Limitations: For all uses listed above, do not apply 4 lbs. per acre. Do not hand pick in harvest within 7 days of last application. Workers entering treated fields within 7 days of application should wear protective clothing.

CUCUMBER, SQUASH (Summer and Winter), MELONS

Aphids, Cucumber Beetle, Cutworm, Darkling Ground Beetle, Flea Beetle, Leathopper, Leaf Miner, Melonworm, Pickleworm, Squash Vine Borer, Squash Bug, Spider Mites, Whitefly, White Mite. Use 2 lbs. Do not apply unless plants are dry for before plants start to vine. Do not apply within 15 days of harvest on Cucumber and Squash. 7 days on Melons. (2 lbs.)

EGGPLANT

Aphids, Leaf Miner. Use 3-4 to 1 lb. Thrips. Use 1 lb. Red Spider Mites. Use 1-1/2 lbs. Do not apply within 15 days of harvest. (1-1/2 lbs.)

LETTUCE, ENDIVE

Aphids, Leathoppers. Use 2 lbs. Do not apply within 7 days of harvest on head lettuce. 21 days on Leaf and Bibb Lettuce and on Endive. (2 lbs.)

OKRA

Aphids, Leaf Miner, Stinkbugs. Use 2 lbs. Do not apply within 21 days of harvest. (2 lbs.)

ONIONS

Thrips. Apply 2 to 3.2 lbs. and repeat at weekly intervals as necessary for control. Do not apply within 15 days of harvest. (3.2 lbs.)

PEAS

Aphids, Armyworms, Climbing Cutworms, Pea Weevil, Serpentine Leaf Miner, Thrips. Use 2 lbs. Do not apply within 10 days of harvest. (2 lbs.)

PEPPERS

Aphids, Pepper Maggot, Flea Beetle, Serpentine Leaf Miner, Thrips. Use 2 to 3.2 lbs. Do not apply within 15 days of harvest. (3.2 lbs.)

POTATOES

Aphids, Armyworms, Colorado Potato Beetle, Flea Beetle, Green Stinkbug, Leathopper, Leaf Miner, Spider Mites. Use 2 to 4 lbs. Do not apply within 5 days of harvest. (4 lbs.)

SMALL GRAINS (Barley, Oats, Wheat)

Aphids, Armyworms, Grasshoppers, Greenbug. Use 1 to 1-1/2 lbs. Do not apply within 15 days of harvest. (1-1/2 lbs.)

SORGHUM

False Chinch Bug, Grasshoppers. Use 1 to 1-1/4 lbs.

Corn Earworm, Sorghum Webworm. Use 1 to 2 lbs.

Sorghum Midge. Use 2 lbs. and make 2 applications 3 to 5 days apart when approximately 90% of the heads have emerged from the boot.

Aphids, Mites. Use 4 lbs.

Do not use within 10 days of harvest or cutting for forage. (4 lbs.)

SPINACH

Aphids, Leaf Miner. Apply 1 to 1-1/2 lbs. Do not apply within 14 days of harvest. (2 lbs.)

SUGAR BEETS

Aphids, Armyworms, Blister Beetle, Flea Beetle, Leathopper, Leaf Miner, Mites, Webworm. Use 2 to 4 lbs. Do not apply within 10 days of harvest. (2 lbs.)

TOMATOES

Aphids, Flea Beetle, Leathopper, Serpentine Leaf Miner, Spider Mites, Stinkbugs, Tomato Pinworm. Use 1 to 4 lbs. Do not apply within 10 days of harvest. (4 lbs.)



DANGER—POISON—PRECAUTIONS

CAN KILL YOU IF SWALLOWED

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



CAN KILL YOU BY SKIN CONTACT

This product can kill you if touched by hands or spilled or splashed on skin, on eyes or on clothing (liquid goes through clothes).

BEST DOCUMENT AVAILABLE

CAN KILL YOU IF BREATHED

This product can kill you if vapors, spray mist or dust are breathed.



POISONOUS TO FISH AND WILDLIFE

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

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.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT

- (1) Wear water-proof pants, coat, hat, rubber boots or rubber overshoes.
- (2) Wear safety goggles.
- (3) Wear mask or respirator approved by the U.S. Bureau of Mines for parathion protection.
- (4) Wear heavy duty, natural rubber gloves.

POISON SIGNS (Symptoms)

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, weakness, blurred vision, pin-point pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

FIRST AID TREATMENT

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to parathion and describe his condition. IF BREATHING HAS STOPPED, start artificial respiration immediately and maintain until doctor sees victim. IF SWALLOWED and victim is awake (conscious) make him vomit quickly. Induce vomiting by sticking finger down throat or by giving soapy or strong salty water to drink. Repeat until vomit is clear. Never give anything by mouth to an unconscious person. Have victim lie down and keep quiet. See doctor immediately. 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 intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinization appear. 2-PAM chloride is also antidotal and may be administered in conjunction with atropine. DO NOT GIVE MORPHINE OR TRANQUILIZERS. Parathion is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal relapses have been reported after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

POST TREATED AREA

Consult your State Agricultural Extension Service or Experiment Station regarding posting treated areas.

RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators under their direct supervision and other uses covered by the Certified Applicator's label.

STOP! READ THE POISON

See side panels for antidote and precautions



CAN KILL YOU

S A BRAND 5

Parathion 8 E. Concentrate

ACTIVE INGREDIENT: Parathion (O,O-Diethyl O-p-nitrophenyl phosphorothioate)
INERT INGREDIENTS

(Contains 8 lb. Parathion per gallon)

NOT FOR HOME

EPA EST 829-FI-1 (1); 829-NC-1 (4); 829-NC-2 (5)
Number following Est. No. Corresponds to first digit of Lot No. on side of label.

Southern Agricultural Insect

PALMETTO, FLORIDA

BOONE, N. C.

EPA Reg. No. 829-166

E

Net Content

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RESTRICTED USE PESTICIDE
 Sale to and use only by Certified Applicators or
 under their direct supervision and only for those
 as prescribed by the Certified Applicator's certification.

READ THE LABEL

DANGER
KEEP OUT
OF REACH
OF CHILDREN



CAN KILL YOU

A BRAND 50

ACCEPTED
 JUN 19 1978
 U.S. Dept. of Agriculture
 Agricultural Research Service
 Agricultural Insecticide
 Laboratory
 Beltsville, Md.

Parathion 8 E. Spray
Concentrate

(O-p-nitrophenyl phosphorothioate)

79.0%
 21.0%
 100.0%

NOT FOR HOME USE

EST 829-FI-1 (3); 829-NC-1 (4); 829-NC-2 (5)
 Number following Est. No. Corresponds to first digit in
 U.S. No. on side of label.

McIntosh Agricultural Insecticides, Inc.

WILMINGTON, N.C. BOONE, N.C. HENDERSONVILLE, N.C.

Net Contents Liquid 5 Gallons

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 protective equipment with soap and water after each use. Respirator should be cleaned and filter replaced according to instructions included with respirator.

DIRECTIONS FOR USE

Recommended for use in the Southeastern U.S. only. Do not use Parathion in home garden or in or around dwellings. Parathion is not effective, and may cause injury, at low temperatures. Do not combine with other spray materials unless prior use of the mixture has proven compatible. If Parathion, or Parathion in combination with other materials, does not mix or emulsify properly, do not use, as injury to plants may result. Dispose of improper mix by burying at least 18 inches deep in an isolated area away from water supplies. With thorough agitation, completely emulsify Parathion with 1/2 total water before adding other materials. Continue agitation until mixture has been applied. Dosage ranges are suggested in liquid measure. Dosage should not exceed the maximum indicated and is dependent on the maturity, size, and spacing of the plants and the severity of the insect infestation. Parathion may not give satisfactory control under all conditions. Before applying Parathion check with the proper state agricultural extension authority to determine Parathion recommendations for control of the indicated insects in your area, consistent with this label. When control of the indicated insects is necessary at intervals closer to harvest than shown, use an insecticide recommended by the U.S.D.A. for control under these conditions. Parathion sprays may burn plants and should not be applied to wet foliage or when drying conditions are poor.

APPLES—North Carolina, for the control of rosy apple aphid, leaf roller, Oriental fruit moth, codling moth, grasshoppers, and Japanese beetle adults. Spray to obtain thorough coverage using 4 oz. per 100 gallons of water. Make first application in "The Pink" (just before bloom) stage. Repeat in 7 cover sprays at 2 week intervals, beginning about 10 days after petal fall. Do not spray Parathion in the bloom stage. Do not apply within 14 days of harvest. Do not use more than 1/2 gallon per acre in any one spraying. Do not use Parathion on McIntosh, related varieties, or other varieties susceptible to Parathion injury.

PEACHES—For supplemental control of Forbes, San Jose, and white peach scales (supplemental to Dormant oil applications). Apply as a full cover spray, using 5 oz. per 100 gallons at petal fall or any other succeeding cover spray up to within 14 days of harvest. Do not exceed a total of 5 lbs. actual Parathion per acre per year. Do not use on peaches in California.

VEGETABLE dosages are indicated in liquid oz. of 8 lbs. per gallon. Parathion to be applied per acre in sufficient water (50 gal. to 150 gal.) to obtain thorough coverage.

BEANS—For the control of aphids, Mexican bean beetle, Japanese beetle adults, and potato leafhopper. Apply 4 oz. to 8 oz. as needed. Do not apply within 15 days of harvest.

BROCCOLI, CABBAGE, CAULIFLOWER, COLLARDS, KALE, MUSTARD GREENS and TURNIPS—For the control of imported cabbage worm and cabbage loopers and aphids. Apply 6 oz. to 8 oz. at weekly intervals, beginning when first true leaves appear. Parathion may not give adequate control of worms. For looper control, apply on both sides of the leaves before loopers become large. Do not apply to Broccoli and Cauliflower within 7 days of harvest, to Cabbage, Collards, Kale, Mustard or Turnips within 10 days of harvest. If maximum daily temperatures persist below 70° after application, add an additional 7 days to the number of days indicated between last application and harvest.

CUCUMBERS, SQUASH, WATERMELONS, CANTALOUPEs, and PUMPKINS—For the control of aphids and cucumber beetle adults. Apply to foliage as needed using 4 oz. to 8 oz. Do not apply to melons or cucumbers before vining. Do not apply to watermelons or cantaloupes within 7 days of harvest, to pumpkins within 10 days of harvest or to squash or cucumbers within 15 days of harvest.

POTATOES and TOMATOES—For the control of aphids, blister beetles, and leaf miner. Apply 4 oz. to 8 oz. to foliage as needed. Do not apply to potatoes within 5 days of harvest or to tomatoes within 10 days of harvest.

CONTAINER AND WASTE DISPOSAL—Do not reuse container for any purpose. Completely empty contents and bury unused chemical and spray waste at least 18 inches deep in an isolated location away from water supplies. Glass containers—Break container after emptying and bury as indicated above. Metal Containers—Rinse container by rotating container until all inside surfaces are thoroughly wet with the following solution: 5 gallon cans—2 quarts of water - 1/2 cup of caustic soda - 2 tablespoonfuls of detergent. 30 gallon drums—3 gallons of water - 1 pound caustic soda - 1/2 cup of detergent. Bury rinse solution as above. Punch holes in top and bottom of container, crush and bury deeply in an isolated area. Caution: handle caustic soda (household lye) with caution. Do not get on skin, in eyes or clothing. If rinse method can not be used empty metal containers completely as above, punch holes in top of container and burn in hot fire until all paint has been completely burned off. Do not burn more than 5 containers at one time. Stay away from smoke and fumes. Do not burn when smoke or fumes would drift to unprotected humans or animals.

The manufacturer makes no warranties, expressed or implied, concerning this product or its use, which extend beyond the description on the face hereof. Buyer assumes all risks of use, handling, or storage of this material not in strict accordance with the directions and precautions given herewith.

BEST DOCUMENT AVAILABLE

ON LOT