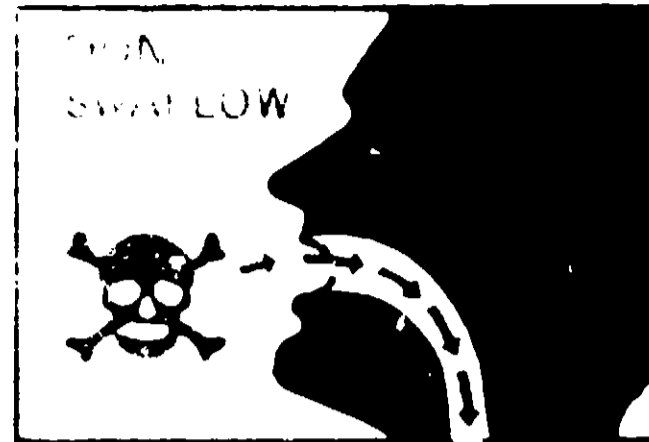


DANGER - POISON - PRECAUTIONS



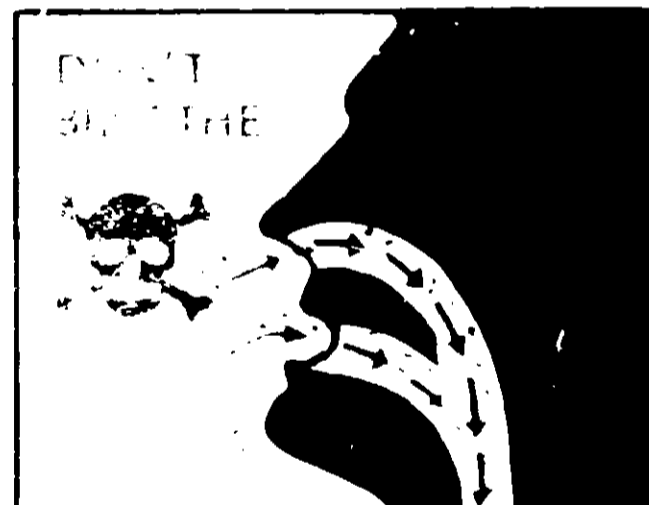
CAN KILL YOU IF SWALLOWED

This product can kill you if swallowed even in small amounts; spray mist 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, in eyes or on clothing (liquid goes through clothes).



CAN KILL YOU IF BREATHED

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

POISONOUS TO FISH & WILDLIFE: Toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Keep out of any body of water. Do not apply when weather conditions favor drift in treated areas. Do not apply where run-off is likely to occur.

OCCIDENTAL CHEMICAL COMPANY

P. O. BOX 198 . LATHROP, CALIFORNIA 95330 . PHONE (209) 858-2511

CONDITIONS OF SALE: 1. Seller warrants that this product consists of the ingredients specified and is reasonably fit for use as directed on the label. No one, other than an officer of Seller, is authorized to make any other warranty, guarantee or direction concerning this product. 2. Because the time, place, rate of application and other conditions of use are beyond Seller's control, Seller's liability from the handling, storage and use of this product is limited to replacement of product or refund of purchase price.

POISON STOP - READ THE LABEL DANGER

See Side Panels
for Antidote &
Precautions



Keep Out of
Reach of
Children

NOT FOR HOME USE

ETHYL METHYL PARATHION 6-2-50

ACTIVE INGREDIENTS:	BY WT.
Parathion (0,0-diethyl 0-p-nitrophenyl	
thionophosphate)	87.6
0,0-dimethyl 0-p-nitrophenyl	
thionophosphate*	12.4
Xylene	6.5
INERT INGREDIENTS	7.1
TOTAL	100.0

Contains 6 lbs. of Parathion and 2 lbs. of Dimethyl Parathion per gallon.

USE ONLY WITH PROTECTIVE

(1) Wear work boots, safety goggles, respirator appropriate for heavy duty.

Keep all children away from this danger.

Do not rub if you feel stinging (get help right away), clinician), clinician). Explain the situation to parathion. After first treatment, come, take

IMPORTANT: wash them, wash hands with water before

AFTER WORK: and shoes. Wear only clothing. Do not wear protective equipment with Respirator replaced and included with

Parathion rapidly enters all skin surfaces with this immediately, prompt medical

Some of the symptoms are cramps, weakness, pinpoint pupils, breathing, tingling of eyes and nose, r

STOP — READ THE LABEL DANGER

Antidote & Precautions



Keep Out of Reach of Children

NOT FOR HOME USE

ETHYL METHYL PARATHION 5-3 EC

INGREDIENTS:	BY WT.
Parathion (0,0-diethyl 0-p-nitrophenyl phosphite)	57.6%
Disopropyl methyl 0-p-nitrophenyl phosphite*	28.5%
Diethyl phosphite	6.5%
Diethyl phosphite	7.1%
TOTAL	100.0%

6 lbs. of Parathion and 3 lbs. of Methylphosphite per gallon.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING

- (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.

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.

SYMPTOMS AND TREATMENT

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, pinpoint 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.

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

See attached booklet for proper disposal.

Use only according to attached label booklet instructions.

ETHYL METHYL PARATHION

ACTIVE INGREDIENTS:	BY WT
Parathion (O-O-diethyl O-p-nitrophenyl thiophosphate)	57.6%
O-O-dimethyl O-p-nitrophenyl thiophosphate.....	28.8%
Xylene.....	6.5%
INERT INGREDIENTS:	7.1%
TOTAL	100.0%

Contains 6 lbs. of Parathion and 3 lbs. of Methyl Parathion per gallon.

EPA Reg. No. 7001-202-AA
EPA Est. No. 7001-CA-1



POISON DANGER!



KEEP OUT OF REACH OF CHILDREN

Poisonous if inhaled, swallowed or absorbed through the skin. Rapidly absorbed through the skin.

See additional warnings, protective clothing, work safety, first aid, first aid treatment and note to physician on this label.

This product is highly toxic to bees exposed to direct treatment or residues on treated crops. Protective information may be obtained from your cooperative agricultural extension office.

Do not use empty container, do not fill, perforated, or damaged Barrels and do not reuse.

Do not contaminate water by cleaning of equipment or disposal of waste. Apply this...

Apples: *Aphids, Apple Red Bug, Eye-spotted Fruit Moth* (apply during pre-control is not achieved by a regular spray program) *Grasshoppers, Leaf Leafminers, Spider Mites, European Red Mite, Two-spotted Spider Mite* Apply 1-3 pint per 100 gallons of water. *Apple Lace Bug, Bagworm, Codling Moth* (petal fall and every 10 to 14 days thereafter until control is achieved). *Apple Sawfly, Japanese Beetle, Fruit Tree Leafroller, Redbanded Leafhopper, Mealybug, Orange Tortrix, Scale, Oriental Fruit Moth, Plum Curculio* Apply 1-3 pints per 100 gallons of water. For *Oriental Fruit Moth* and *Plum Curculio*, apply every 10 to 14 days thereafter until control is achieved. Do not apply within 30 days of harvest. Parathion may injure the fruit and foliage of Golden Jonathon and McIntosh apples as well as related varieties such as Kendall, Macoun and Melba. (5-1-3 pints)

Artichokes: *Aphids* Apply 1/2 pint per acre. *Artichoke Plume Moth* of plants April and May begin applications after September and repeat at 14-15 day intervals through December, 30 day intervals through January and February (1 day interval from March through the end of picking season). Apply 1/2 pint per acre. Workers should not re-enter fields for 7 days following treatment. *Cutworm* Apply 1/2 pint per acre. Do not apply within 7 days of harvest.

Barley, Oats, Wheat: *Aphids* (apply in early spring for green bug) *Armyworm (3rd instar), Winter Grain Mite, Thrips, Black Grass Bug, Brood Mite* Apply 1/2 to 2/3 pint per acre. *Leafhoppers, Stink Bugs, Spider Mites* Apply 2/3 pint per acre. Do not apply within 15 days of harvest.

Beans: *Aphids, Armyworm, Leafhoppers, Leafminers, Leafrollers, Mexican Bean Beetle, Stink Bug* Apply 2/3 pint per acre. *Bean Leaf Beetle, Corn Curculionid, Cucumber Beetle, Lima Bean Pod Borer, Cutworm, Copper, Spider Mite* Apply 1/2 to 1 pint per acre. *Corn Curculionid, Cutworm, Leaf Beetles, Leafhoppers, Blue Beetle* Apply 1/2 to 1 pint per acre. Do not apply within 15 days of harvest on lima beans, 15 days of harvest on dry beans.

Beets: *Leaf Beetles, Armyworm* Apply 1/2 pint per acre. *Aphids, Leafhoppers, Webworms* Apply 1/2 to 1/2 pint per acre. *Beet Leaf Beetle, Spider Mite* Apply 1/2 pint per acre. Do not apply within 15 days of harvest. Do not use for leaf or food, or within 15 days of harvest if plants are not used for food.

Broccoli, Brussels Sprouts, Cabbage, Cauliflower: *Aphids, Armyworm, Diamond-back Moth, Imported Cabbageworm, Thrips* Apply 1/2 to 1 pint per acre. *Leafminers, Harlequin Bug, Leaf Beetles, Cabbageworm, Cabbage Looper, Cabbageworm, Spider Mite* Apply 1/2 to 1 pint per acre.

Poisonous if inhaled, swallowed or absorbed through the skin. Rapidly absorbed through the skin.

See additional warnings, protective clothing, work safety rules, poison signs, first aid treatment and note to physician on outside label.

This product is highly toxic to bees exposed to direct treatment or residue on crops. Protective information may be obtained from your cooperative agricultural extension service.

Do not re-use empty container. Destroy it by perforating or crushing. Bury or discard in an approved disposal site.

Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

Do not use, pour, spill, or store near heat or open flame.

DILUTION RATE

For concentrate and air use on fruit and nut crop use an equivalent rate per acre where not specified. Rate indicated in parentheses () is the maximum rate in pints per acre on tree crops.

Dilute Application: *Ground Application:* Apply specified rate in 20 to 60 gallons of water per acre. *Orchard Application:* Apply specified rate in 100 to 800 gallons of water per acre where rates are given for a per acre basis.

Concentrate Application: *Ground Application:* Apply specified rate in not less than 5 gallons of water per acre. *Orchard Application:* Apply specified rate in 20 to 100 gallons of water per acre.

Air Application: Apply specified rate in 5 to 20 gallons of water per acre. Orchard rates should not be applied in less than 10 gallons of water per acre.

DIRECTIONS FOR USE

Alfalfa (Seed): *Alfalfa Seed Chalcid:* Apply 1/2 to 1 pint per acre. *Armyworm, Cutworms, Lygus Bugs, Thrips:* Apply 1/2 to 2/3 pint per acre. Do not apply within 20 days of harvest. Treat in the early morning or late evening to avoid injury to pollinators.

Almonds: *Aphids, Fruit Tree Leafminer, Spider Mites:* Apply 1/3 pint per 100 gallons of water. *Leafrollers, Tent Caterpillars:* Apply 1/2 pint per 100 gallons of water. *Oriental Fruit Moth:* (apply at petal fall and every 10 to 14 days thereafter until control is achieved). *Peach Twig Borer, Scale:* (for dormant application, add 3 to 5 gallons of Super 94 Spray Oil). Apply 2/3 pint per 100 gallons of water. Do not apply after hulls begin to open. Do not feed treated hulls to livestock. (2/3 pints)

Barley, Oats, Wheat: *Aphids:* (apply in early spring for green blight). *Armyworm (3rd instar), Winter Grain Mite, Thrips, Black Grass Bug, Br Mite:* Apply 1/2 to 2/3 pint per acre. *Leafhoppers, Stink Bugs, Spider Mite:* Apply 2/3 pint per acre. Do not apply within 15 days of harvest.

Beans: *Aphids, Armyworm, Leafhoppers, Leafminers, Leafrollers, Me Beetle, Stink Bug:* Apply 2/5 pint per acre. *Bean Leaf Beetle, Corn Cucumber Beetle, Lima Bean Pod Borer, Cabbage Looper, Spider Mite:* Apply 1/2 to 1 pint per acre. *Climbing Cutworms, Flea Beetles, Lygus Beetles:* Apply 1/2 to 1 pint per acre. Do not apply within 21 days of harvest on lima beans, 15 days of harvest on dry beans.

Beets: *Flea Beetles, Armyworm:* Apply 1/2 pint per acre. *Aphids, Leafminers, Webworms:* Apply 1/3 to 1/2 pint per acre. *Blister Beetle:* Apply 1/2 pint per acre. Do not apply within 21 days of harvest if tops are to food or feed, or within 15 days of harvest if tops are not used for food.

Broccoli, Brussels Sprouts, Cabbage, Cauliflower: *Aphids, Diamond-back Moth, Imported Cabbageworm, Thrips:* Apply 1/3 to 1/2 pint per acre. *Leafminers, Harlequin Bug, Flea Beetles, Climbing Cutworm, Cabbage Looper:* Apply 2/3 to 1 pint per acre. *Leafhoppers, Spider Mite:* Apply 1/2 to 1 pint per acre. Rates to 1/2 pint do not apply within 10 days of harvest on cabbage, 15 days of harvest on broccoli, brussels sprouts and cauliflower. Rates 1/2 to 1 pint apply within 21 days of harvest.

Carrots: *Aphids, Petrosia Mites, Stink Bugs:* Apply 2/3 to 3/4 pint per acre. *Mites, Leafhoppers:* Apply 1/2 to 1 pint per acre. *Leafminers:* Apply 1/3 to 1/2 pint per acre. *Flea Beetles:* Apply 1/2 pint per acre. Do not apply within 30 days of harvest.

Cherries: *Aphids, Casebearers, Spider Mite, Sawflies, Cankerworms, E Bud Moth, Fruit Flies, Cherry Fruitworm, Leafminers, Leafrollers, Lesser A Oriental Fruit Moth, Pandemis Moth, Plum Curculio, Rose Chatter, Scale (if crawlers present), Thrips:* Apply 1/3 pint per 100 gallons of water. For Plum Curculio and Oriental Fruit Moth, apply at petal fall and every 10 to 14 days thereafter until control is achieved. Do not apply within 14 days of harvest. (1/2 pints)

Clover (Seed Crop only): *Aphids, Armyworm, Climbing Cutworm, Stink Bug, Webworm:* Apply 1/3 to 1/2 pint per acre. *Reverse Chalcid, Beetle:* Apply 2/3 pint per acre. *Lygus Bug:* Apply 1 pint per acre. Do not apply within 14 days of harvest.

Collards, Kale, Kohlrabi, Mustard Greens: *Aphids, Armyworm, Diamond-back Moth, Flea Beetle, Imported Cabbage Worm, Thrips, Vegetable Weevil:* Apply 1/2 pint per acre. *Cutworms, Harlequin Bug, Leafhopper, Cabbage Looper, Seedcorn Maggot:* Apply 2/3 pint per acre. Rates up to 1/2 pint do not apply within 10 days of harvest. Rates of 1/2 to 3/4 pint do not apply within 21 days of harvest.

Corn: *Aphids, Sap Beetle:* Apply 1/2 to 1 pint per acre. *Armyworm, Corn Earworm (its only), Cornsilk Fly:* Apply 1/3 to 1/2 pint per acre. *Flea Beetle, European Corn Earworm, Stink Bugs, Spider Mites:* Apply 2/3 pint per acre. *Earworm:* apply to silks as soon as they appear. Make 3 to 4 applications at 7 to 10 day intervals as infestation warrants. Reapply immediately after rain. *Cutworm, Grasshoppers, Japanese Beetle:* Apply 1/2 to 1 pint per acre. Do not apply within 12 days of harvest.

METHYL PARATHION 6 - 3 EC

Aphids, Apple Red Bug, Eye-spotted Bud Moth (apply during pre-bloom if not achieved by a regular spray program). **Grasshoppers, Leafhoppers, Fleas, Spider Mites, European Red Mite, Two-spotted Spider Mite** Apply 1/4 to 1/2 pint per 100 gallons of water. **Apple Lace Bug, Bagworm, Codling Moth** (apply at bud fall and every 10 to 14 days thereafter until control is achieved). **European Sawfly, Japanese Beetle, Fruit Tree Leafroller, Redbanded Leafroller, Orange Tortrix, Scale, Oriental Fruit Moth, Plum Curculio** Apply 1/3 pint per 100 gallons of water. For Oriental Fruit Moth and Plum Curculio, apply at petal fall every 10 to 14 days thereafter until control is achieved. Do not apply within 14 days of harvest. Parathion may injure the fruit and foliage of Golden Delicious, McIntosh, and Melba apples, as well as related varieties such as Cortland, Macoun, and Melba (5 1/3 pints).

Peaches: **Aphids** Apply 1/3 pint per acre. **Armyworm, Plum Moth** (if plants are out in bloom) and May, begin applications after September and repeat at 14 to 21 day intervals through December, 30 day intervals through January and February, and 14 day intervals from March through the end of picking season. Apply 1/3 pint per acre. Do not re-enter fields for 7 days following treatment. **Catworm** Apply 2/3 pint per acre. Do not apply within 7 days of harvest.

Oats, Wheat: **Aphids** (apply in early spring for green bug control). **Brown Wheat Mite, Bird Star, Winter Grain Mite, Thrips, Black Grass Bug, Brown Armyworm** Apply 1/2 to 2/3 pint per acre. **Leafhoppers, Stink Bugs, Spider Mites, Fleas** Apply 3/4 pint per acre. Do not apply within 15 days of harvest.

Beans: **Aphids, Armyworm, Fleahoppers, Leafroller, Mexican Bean Beetle, Stink Bug** Apply 2/3 pint per acre. **Bean Leaf Beetle, Flea Beetle, Green Bean Beetle, Lima Bean Pod Borer, Cabbage Looper, Spider Mite, Thrips** Apply 1/2 pint per acre. **Colorado Potato Beetle, Flea Beetles, Lygus Bug, Winter Flea Beetle** Apply 1/2 pint per acre. Do not apply within 7 days of harvest; more than 15 days of harvest, more than 15 days of harvest.

Peas: **Aphids, Armyworm, Fleahoppers, Leafroller, Mexican Bean Beetle, Stink Bug** Apply 2/3 pint per acre. **Bean Leaf Beetle, Flea Beetle, Green Bean Beetle, Lima Bean Pod Borer, Cabbage Looper, Spider Mite, Thrips** Apply 1/2 pint per acre. Do not apply within 7 days of harvest; more than 15 days of harvest, more than 15 days of harvest. **Hops** are not used for this crop.

Apples, Plums, Sprouts, Cabbage, Cauliflower: **Aphids, Armyworm, European Sawfly, Japanese Beetle, Fruit Tree Leafroller, Redbanded Leafroller, Orange Tortrix, Scale, Oriental Fruit Moth, Plum Curculio** Apply 1/3 to 1/2 pint per 100 gallons of water. **Grasshoppers, Leafhoppers, Fleas, Spider Mites, European Red Mite, Two-spotted Spider Mite** Apply 1/4 to 1/2 pint per 100 gallons of water. **Apple Lace Bug, Bagworm, Codling Moth** (apply at bud fall and every 10 to 14 days thereafter until control is achieved). **European Sawfly, Japanese Beetle, Fruit Tree Leafroller, Redbanded Leafroller, Orange Tortrix, Scale, Oriental Fruit Moth, Plum Curculio** Apply 1/3 to 1/2 pint per

Cotton: **Fleahoppers, Spider Mites, Thrips, Webworm** Apply 1/3 to 1/2 pint per acre. **Cabbage Looper** Apply 1/3 to 1 pint per acre. **Aphid, Cotton Leafworm** Apply 1/3 to 1/2 pint per acre. **Armyworm, Boll Weevil, Cotton Leaf Perforator, False Chinch Bug, Leafhopper, Lygus Bugs, Salt Marsh Caterpillar, Stink Bug** Apply 2/3 to 1 pint per acre. **Bollworm, Serpentine Leafminer, Tobacco Budworm** Apply 1/3 to 1/2 pints per acre. Do not hand pick or harvest within 7 days of application. Workers entering fields within 24 hours of application should wear protective clothing.

Cucumbers: **Aphids, Climbing Cutworm, Spider Mites** Apply 1/3 to 1/2 pint per acre. **Cucumber Beetle, Leafminer, Melonworm, Pickieworm, Squash Vine Borer, Stink Bug, Thrips** Apply 1/3 to 1/2 pint per acre. Do not apply within 15 days of harvest. Do not apply after vining.

Gooseberries: **Aphids** Apply 1/3 to 2/3 pint per acre. **Spider Mites** Apply 2/5 pint per acre. **Two-spotted Mite** Apply 2/3 pint per acre. Do not apply within 15 days of harvest.

Grape: **Aphids, False Chinch Bug, Grape Berry Moth** (apply just before bloom, at petal fall, 7 to 14 days after petal fall, 35 to 40 days after bloom and 14 days later). **Japanese Beetle, Mealybugs, Mites, Thrips** Apply 2/3 to 1 pint per acre. **Conspicuous Stink Bug, Leafhoppers** Apply 2 pints per acre. **Japanese Beetle, Grape Leaf Miner, Leafroller** Apply 1/3 to 1/2 pints per acre. **Red Banded Leafroller** Apply 1/3 to 2 pints per acre. Rates up to 1/2 pint, do not apply within 14 days of harvest. Rates over 1/2 pint through 2 pints, apply before fruit is the size of buckshot or after harvest.

Grass (Seed only): **Aphid, Armyworm, Climbing Cutworm, Lygus Bug, Thrips** Apply 1/3 to 2/3 pints per acre. Do not apply within 15 days of harvest.

Hops: **Aphids** Apply 2/3 pint per acre. Do not apply within 15 days of harvest.

Lettuce: **Aphids, Armyworm, Banded Cucumber Beetle, Imported Cabbageworm, Leafhopper, Lygus Bug, Webworm** Apply 1/3 to 1/2 pint per acre. **European Sawfly, Green Bean Beetle, Flea Beetle, Harlequin Bug, Six-spotted Leafhopper, Cabbage Looper, Spider Mite, Salt Marsh Caterpillar, Thrips, Vegetable Weevil** Apply 2/3 pint per acre. Do not apply within 21 days of harvest.

Onions: **Thrips, Onion Midge (adult)** Apply 1/2 to 2/3 pint per acre. **Apple Leafminer, Brown Wheat Mite, Stink Bug** Apply 1/3 pint per acre. Do not apply within 15 days of harvest.

Peaches, Nectarines: **Aphid** Apply 1/4 to 1/2 pint per 100 gallons of water. **European Sawfly, Japanese Beetle, Fruit Tree Leafroller, Redbanded Leafroller, Orange Tortrix, Scale, Oriental Fruit Moth, Plum Curculio** Apply 1/3 to 1/2 pint per 100 gallons of water. **Grasshoppers, Leafhoppers, Fleas, Spider Mites, European Red Mite, Two-spotted Spider Mite** Apply 1/4 to 1/2 pint per 100 gallons of water. **Apple Lace Bug, Bagworm, Codling Moth** (apply at petal fall and every 10 to 14 days thereafter until control is achieved). **European Sawfly, Japanese Beetle, Fruit Tree Leafroller, Redbanded Leafroller, Orange Tortrix, Scale, Oriental Fruit Moth, Plum Curculio** Apply 1/3 to 1/2 pint per

Oats, Wheat: *Aphids* (apply in early spring for green bug control). *form (3rd instar)*. *Winter Grain Mite*. *Thrips*. *Black Grass Bug*. *Brown Wheat*. Apply 1/2 to 2/3 pint per acre. *Leafminers*. *Stink Bugs*. *Spider Mite*. Apply 2/3 pint per acre. Do not apply within 15 days of harvest.

Apples: *Armyworm*. *Leafhoppers*. *Leafminers*. *Leafrollers*. *Leaf-rolling Bear*. *Stink Bug*. Apply 2/5 pint per acre. *Bean Leaf Beetle*. *Corn Earworm*. *Japanese Beetle*. *Long Bean Pod Borer*. *Worm-eating Warbler*. *Spider Mite*. *Thrips*. 1/4 to 1/2 pint per acre. *Crimson Cutworms*. *Flea Beetles*. *Lycus Bugs*. Apply 1/2 to 1 pint per acre. Do not apply within 21 days of harvest on green and 15 days of harvest on dry bear.

Flea Beetles. *Armyworm*. Apply 1/2 pint per acre. *Aphids*. *Leafhoppers*. *Leafminers*. *Webworms*. Apply 1/3 to 1/2 pint per acre. *Blister Beetle*. *Spider Mite*. 1/4 pint per acre. Do not apply within 21 days of harvest if tops are to be used for feed, or within 15 days of harvest if tops are not used for food or feed.

Asparagus, Broccoli, Brussels Sprouts, Cabbage, Cauliflower: *Aphids*. *Armyworm*. *Diamond-back Moth*. *Imported Cabbageworm*. *Thrips*. Apply 1/3 to 1/2 pint per acre. *Leafminers*. *Harlequin Bug*. *Flea Beetle*. *Crimson Cutworm*. *Cabbage Looper*. 2/3 to 1 1/4 pints per acre. *Leafhopper*. *Spider Mite*. Apply 1/2 to 1 1/4 pints per acre. Rates to 1/2 pint do not apply within 10 days of harvest on cabbage, 7 days of harvest on broccoli, brussels sprouts and cauliflower. Rates 1/2 to 1 1/4 pints do not apply within 21 days of harvest.

Beans: *Aphids*. *Potato Mites*. *Stink Bug*. Apply 2/3 to 3/4 pint per acre. *Spider Mite*. *Leafhoppers*. Apply 1/2 to 1 pint per acre. *Leafminers*. Apply 1/3 to 1/2 pint per acre. *Flea Beetles*. Apply 1/2 pint per acre. Do not apply within 30 days of harvest.

Apples: *Aphids*. *Casebearers*. *Spider Mite*. *Sawflies*. *Cankerworms*. *Five-spotted Mite*. *Both Fruit Flies*. *Cherry Fruitworm*. *Leafminers*. *Leafrollers*. *Lesser Apple Worm*. *Long Horned Fruit Moth*. *Pandemic Moth*. *Pium Curculio*. *Rose Chaffer*. *Scale* (apply when scales present). *Thrips*. Apply 1/3 pint per 100 gallons of water. For *Pium Curculio* and *Oriental Fruit Moth* apply at petal fall and every 10 to 14 days thereafter until control is achieved. Do not apply within 14 days of harvest. (1 1/4 pints).

(Seed Crop only): *Aphids*. *Armyworm*. *Crimson Cutworm*. *Stink Bug*. *Thrips*. *Armyworm*. Apply 1/3 to 1/2 pint per acre. *Leaf-rolling Bear*. *Armyworm*. *Stink Bug*. *Lycus Bug*. Apply 1/2 pint per acre. Do not apply within 20 days of harvest.

Asparagus, Kale, Kohlrabi, Mustard Greens: *Aphids*. *Armyworm*. *Diamond-back Moth*. *Leaf Beetle*. *Imported Cabbage Worm*. *Thrips*. *Vegetable Weevil*. Apply 1/3 to 1/2 pint per acre. *Cutworms*. *Harlequin Bug*. *Leafhopper*. *Cabbage Looper*. *Corn Earworm*. Apply 2/3 pint per acre. Rates of 1/2 pint do not apply within 10 days of harvest. Rates of 1/2 to 2/3 pint do not apply within 14 days of harvest.

Apples: *Aphids*. *Sap Beetle*. Apply 1/2 to 1 pint per acre. *Armyworm*. *Corn Earworm*. *Corn Earworm*. *Corn Earworm*. *Stink Bugs*. *Spider Mite*. Apply 2/3 pint per acre. *Armyworm* apply to silks as soon as they appear. Make 3 to 4 applications at 21 to 30 day intervals as infestation warrants. Reapply immediately after rain. *Crimson Cutworm*. *Grasshoppers*. *Japanese Beetle*. Apply 1/2 to 2/3 pint per acre. Do not apply within 12 days of harvest.

Stink Bug. *Leafhoppers*. Apply 2 pints per acre. *Japanese Beetle*. *Corn Earworm*. *Leafroller*. Apply 1/2 to 1 1/4 pints per acre. *Red Banded Leafroller*. Apply 1/2 to 2 pints per acre. Rates up to 1 1/4 pints do not apply within 14 days of harvest. Rates over 1 1/4 pints through 2 pints apply before fruit is the size of buckshot or after harvest.

Grass (Seed only): *Aphid*. *Armyworm*. *Crimson Cutworm*. *Lycus Bug*. *Thrips*. Apply 1/3 to 2/3 pints per acre. Do not apply within 15 days of harvest.

Hops: *Aphids*. Apply 2/3 pint per acre. Do not apply within 15 days of harvest.

Lettuce: *Aphids*. *Armyworm*. *Banded Cucumber Beetle*. *Imported Cabbageworm*. *Leafhopper*. *Lycus Bug*. *Webworm*. Apply 1/3 to 1/2 pint per acre. *Corn Earworm*. *Diamond-back Moth*. *Flea Beetle*. *Harlequin Bug*. *Six-spotted Leafhopper*. *Leafminer*. *Looper*. *Spider Mite*. *Salt Marsh Caterpillar*. *Thrips*. *Vegetable Weevil*. Apply 2/3 pint per acre. Do not apply within 21 days of harvest.

Onions: *Thrips*. *Onion Maggot (adult)*. Apply 1/2 to 2/3 pint per acre. *Aphid*. *Leafminer*. *Brown Wheat Mite*. *Stink Bug*. Apply 2/3 pint per acre. Do not apply within 15 days of harvest.

Peaches, Nectarines: *Aphid*. Apply 1/4 to 2/3 pint per 100 gallons of water. *Catfacing Insects*. *Leafrollers*. *Mites*. *Tarnished Plant Bug*. *Thrips*. Apply 1/3 pint per 100 gallons of water. *Oriental Fruit Moth* and *Pium Curculio* (apply at petal fall and every 10 to 14 days thereafter until control is achieved). Apply 1/3 to 2/3 pints per 100 gallons of water. Do not apply within 21 days of harvest. Do not apply more than once after bloom. Do not apply more than 5 lbs actual ethyl and/or methyl parathion between January 1 and harvest. (1 1/4 pints).

Peanuts: *Thrips*. *Velvet Bean Caterpillar*. Apply 1/3 pint per acre. Do not apply within 15 days of harvest.

Pears: *Aphids*. *Coding Moth* and *Pium Curculio* (apply at petal fall and every 10 to 14 days thereafter until control is achieved). *Green Fruitworm*. *Leafminer*. *Leafroller*. *Mealybug*. *Mites*. *Pear Slug*. *Scales (crawlers only)*. *Tarnished Plant Bug*. Apply 1/3 pint per 100 gallons of water. Do not apply within 14 days of harvest. (2 1/4 pints).

Peas: *Aphids*. *Leafhoppers*. *Pea Weevil*. Apply 1/4 to 1/3 pint per acre. *Armyworm*. *Crimson Cutworm*. *Flea Beetle*. *Leafminer*. *Armyworm* and *Corn Earworm*. *Spider Mite*. *Stink Bug*. *Thrips*. Apply 2/3 pint per acre. Rates up to 1/2 pint do not apply within 10 days of harvest. Rates 1/2 pint through 2/3 pint do not apply within 15 days of harvest.

Peppers: *Aphids*. *Leafhoppers*. *Psyllids*. Apply 1/3 to 1/2 pint per acre. *Corn Earworm*. Apply 2/3 pint per acre. *Mites*. Apply 4/5 pint per acre. *Leafminers*. *Pepper Maggot*. *Thrips*. Apply 1/2 to 1 pint per acre. *Flea Beetle*. Apply 1/2 to 1 pint per acre. Do not apply within 15 days of harvest.

Plums, Prunes: *Aphid*. *Leafhoppers*. *Leaf-rolling Mite*. *Scales (crawlers only)*. *Thrips*. *Tortrix Moth*. *Tussock Moth*. Apply 1/2 pint per 100 gallons of water. *Coding Moth*. *Oriental Fruit Moth*. *Pium Curculio*. Apply 1/3 to 2/3 pint per 100 gallons of water at petal fall and every 10 to 14 days thereafter until control is achieved. Do not apply within 14 days of harvest. (2 1/4 pints).

Potatoes: *Aphids*. *Armyworm*. *Blister Beetle*. *Colorado Potato Beetle*. *Crimson Cutworm*. *Flea Beetle*. *Grasshopper*. *Leafhoppers*. *Leaf-footed Plant Bug*. *Spider Mite*. *Potato Psyllid*. *Thrips*. *Vegetable Weevil*. *White Flies*. Apply 1/2 to 1 1/2 pints per acre. *Banded Cucumber Beetle*. *Loopers*. *Stink Bugs*. Apply 1/2 to 1 pint per acre. *Potato Russet Mite*. Apply 2/3 to 1 pint per acre. *Potato Tubeworm*. Apply 1 1/2 to 2 pints per acre. Do not apply within 5 days of harvest.

Rice: *Rice Leafminer, Tadpole Shrimp* (Use restricted to California) Apply 2-4 pint per acre. Apply at first sign of infestation after planting. Apply by air in 5 to 10 gallons of water. Restrict spill from rice field for 3 days. Do not use within 14 days of application of 3,4-dichloropropionanilide. Do not apply over canals or laterals. Do not apply within 15 days of harvest. Crabs, Crayfish, and Shrimp may be killed. Do not apply where they are important resources.

Rutabagas: *Armyworm, Diamond Back Moth, Imported Cabbageworm*. Apply 1-3 to 1 pint per acre. *Aphids, Thrips*. Apply 1/4 to 1 pint per acre. *Climbing Cutworm, Cabbage Looper, Vegetable Weevil*. Apply 2/3 to 1 pint per acre. Do not apply within 21 days of harvest.

Sorghum: *Aphids, Corn Earworm, False Chinch Bug, Grasshoppers, Mites, Sorghum Webworm*. Apply 1/2 to 1 pint per acre. *Sorghum Midge*. Apply 1/2 pint per acre. Do not apply within 21 days of harvest. Leaf injury may occur in some varieties. Do not use wetting agents as more severe injury may occur. Spray a few rows a week or so before booting to test effects upon plants.

Soybeans: *Fall Armyworm, Corn Earworm*. Apply 2-3 pint per acre. *Two spotted Spider Mites, Climbing Cutworm, Thrips*. Apply 1/2 to 1 pint per acre. Do not apply within 20 days of harvest. Do not apply more than twice per growing season.

Spinach: *Aphids, Leafminers*. Apply 1/4 to 1 pint per acre. *Armyworm (up to 3rd instar)*. Apply 1/3 to 1/2 pint per acre. *Flea Beetle, Harlequin Bug, Leafhoppers, Cabbage Looper, Mites, Seed Corn Maggot (in crown), Thrips, Vegetable Weevil, Webworm*. Apply 2/3 pint per acre. Rates up to 1 pint, do not apply within 14 days of harvest. Rates 1/2 pint through 2/3 pint, do not apply within 21 days of harvest.

Strawberries: *Aphids, Crickets, Flea Beetles, Leafhoppers, Leafminer, Lygus Bug, Spider Mites, Parnas, Thrips*. Apply 1-3 to 2-3 pint per acre. Do not apply within 14 days of harvest.

Sugar Beets: *Leafhoppers, Leafminers, Lygus Bugs*. Apply 1-2 to 2-3 pint per acre. *Aphids, Armyworm, Blister Beetle, Climbing Cutworm, Flea Beetle, Grasshoppers, Alfalfa Looper, Mites, Stink Bugs, Webworms*. Apply 2-3 pint per acre. Do not apply within 20 days of harvest. If tops are not to be fed, if tops are going to be fed, do not apply within 60 days of harvest.

Sweet Potatoes: *Aphid, Leafhoppers, Leafminers, Spider Mites, Stink Bugs*. Apply 2-3 to 3-4 pint per acre. Do not apply within 10 days of harvest.

Tobacco: *Aphids, Flea Beetles, Suckly*. Apply 1/2 pint per acre. Do not apply within 3 days of cutting. Avoid contact with plant juices when pruning or cutting tobacco. When necessary, to enter treated fields, within 24 hours after application, protective clothing should be worn.

Tomatoes: *Aphids, Blister Beetle, Colorado Potato Beetle, Flea Beetle, Grasshoppers, Leaf Hated Bugs, Leafhoppers, Leafminer, Spider Mites, Stink Bugs, Thrips, White Flies*. Apply 1-3 to 2-3 pint per acre. *Armyworm, Banded Cucumber Beetle, Looper, Mites, Plant Bugs, Tomato Pinworm, Vegetable Weevil*. Apply 2-3 to 1-1/2 pints per acre. *Tomato Pinworm*. Apply 1 to 1-1/2 pints per acre. Rates up to 1/2 pint, do not apply within 10 days of harvest. Rates 1/2 pint through 1 pint, do not apply within 15 days of harvest.

Turnips: *Aphids, Armyworm, Cutworm, Diamond Back Moth, False Chinch Bug*

Cabbage Looper, Mites See (on maggot in crown), Thrips, Vegetable Weevil.
Webworm Apply 2/3 pint per acre. Rates up to 1 pint, do not apply within 14 days of harvest. Rates 1/2 pint through 1 pint, do not apply within 21 days of harvest.

Strawberries: Aphids, Crickets, Flea Beetles, Leafhoppers, Leafminers, Lygus Bugs, Spider Mites, Parnas, Thrips. Apply 1/3 to 2/3 pint per acre. Do not apply within 14 days of harvest.

Sugar Beets: Leafhoppers, Leafminers, Lygus Bugs. Apply 1/2 to 2/3 pint per acre. Aphids, Armyworm, Blister Beetle, Climbing Cutworm, Flea Beetle, Grasshoppers, Alfalfa Looper, Mites, Stink Bugs, Webworms. Apply 2/3 pint per acre. Do not apply within 20 days of harvest, if tops are not to be fed. If tops are going to be fed, do not apply within 60 days of harvest.

Sweet Potatoes: Aphid, Leafhoppers, Leafminers, Spider Mites, Stink Bugs. Apply 2/3 to 3/4 pint per acre. Do not apply within 15 days of harvest.

Tobacco: Aphids, Flea Beetles, Suckfly. Apply 1/2 pint per acre. Do not apply within 5 days of cutting. Avoid contact with plant juices when priming or cutting tobacco. When necessary to enter treated fields within 24 hours after application, protective clothing should be worn.

Tomatoes: Aphids, Blister Beetle, Colorado Potato Beetle, Flea Beetle, Grasshoppers, Leaf Footed Bugs, Leafhoppers, Leafminers, Spider Mites, Stink Bugs, Thrips, White Flies. Apply 1/3 to 2/3 pint per acre. Armyworm, Banded Cucumber Beetle, Loopers, Mites, Plant Bugs, Tomato Fruitworm, Vegetable Weevil. Apply 2/3 to 1 1/4 pints per acre. Tomato Pinworm. Apply 1 to 1 1/4 pints per acre. Rates up to 3/4 pint, do not apply within 10 days of harvest. Rates over 3/4 pint through 1 1/4 pints, do not apply within 15 days of harvest.

Turnips: Aphids, Armyworm, Cutworm, Diamond Back Moth, False Chinch Bug, Flea Beetle, Harlequin Bug, Imported Cabbage Worm, Thrips, Vegetable Weevil, Cabbage Webworm. Apply 1/3 to 2/3 pint per acre. Leafminers, Cabbage Loopers. Apply 2/3 pint per acre. Do not apply within 21 days of harvest if tops are used for food. Do not apply within 15 days of harvest if tops are not used for food.

(729:9 '75)

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