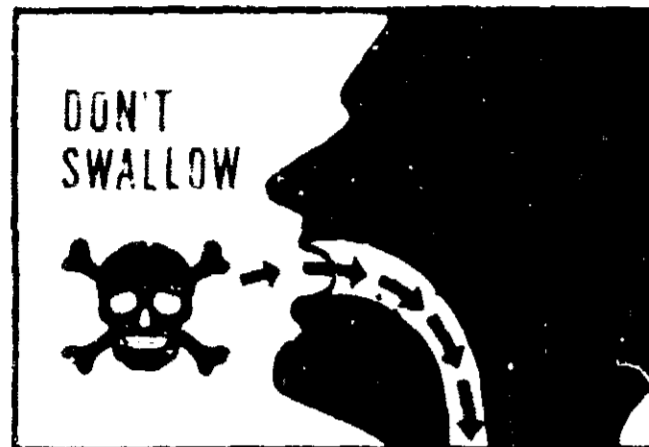


DANGER — POISON — PRECAUTIONS ☠



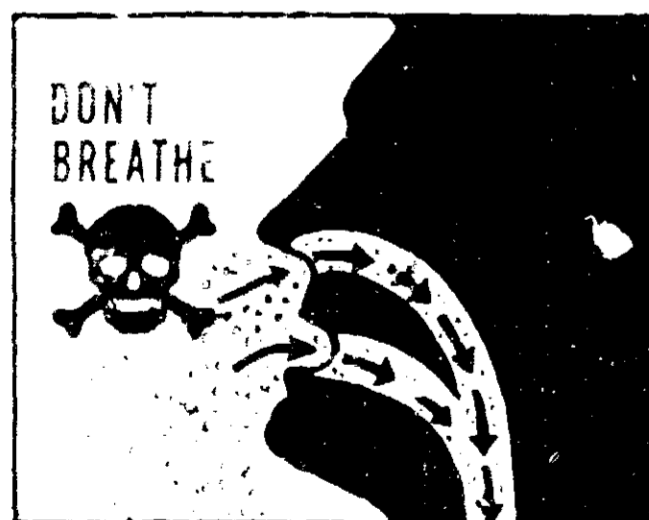
POISONOUS IF SWALLOWED

Even in small amounts!
DO NOT STORE NEAR FOOD OR FEED.



POISONOUS BY SKIN CONTACT

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



POISONOUS IF BREATHED

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

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 from treated areas. Do not apply where run-off is likely to occur.

STOP — READ THE LABEL

POISON

See Side Panels for Antidote & Precautions



PARATHION 4-E

ORGANOPHOSPHORUS INSECTICIDE

Active Ingredient — Parathion:
 O,O-diethyl O-p-nitrophenyl phosphorothioate 46.4%
 Xylene-range solvent 47.7%
 Inert Ingredients 5.9%
 Contains 4 lb. Parathion/Gal.

COMBUSTIBLE — Keep away from heat & open flame.

Read Label Folder for additional use precautions, directions for use, recommendations and container disposal.

E.P.A. Reg. No. 476-603-1A

NOT FOR HOME USE

See side panels for poison first aid treatment, informing and posting treated areas.

NO NOTICE: Stauffer Chemical Company makes no warranties, express or implied, of merchantability and/or fitness for any particular purpose concerning this material.

Additional information is contained on Stauffer's Label Folder.

Made in USA By Stauffer Chemical Company 2-ARC-730125-0



STAUFFER CHEMICAL COMPANY
WESTPORT, CT 06880

STOP — READ THE LABEL



DANGER

**Keep Out of
Reach of
Children**

PARATHION 4-E EMULSIFIABLE LIQUID

INSECTICIDE

Phosphoro-
..... 46.4%
..... 47.7%
..... 5.9%

from heat & open

al use precautions,
tions and container
eg. No. 476-603-AA

Made in USA By 4-ARC-730125-0

STAUFFER CHEMICAL COMPANY
WESTPORT, CT 06880 _____ GAL. NET

NOT FOR HOME USE

See side panels for poison precautions, symptoms, first aid treatment, information for physician and posting treated areas.

NOTICE: Stauffer Chemical Company makes no warranties, express or implied, including the warranties of merchantability and/or fitness for any particular purpose concerning this material, except those which are contained on Stauffer's label.

WORK SAFETY RULES

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT: (1) Wear waterproof 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.

Keep unprotected persons and children away from treated area or where there is danger of drift.

Do not rub eyes or mouth with hands. Do not smoke. Before removing gloves, wash them with soap and water. If you feel sick in any way STOP work and get help right away. Tell foreman or have someone call him. Call a physician, clinic or hospital immediately.

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 work clothing.

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



POISON SIGNS (Symptoms)

Parathion is a very dangerous poison. It rapidly enters the body on contact with all skin surfaces, eyes and by contact with skin through wet clothes. Worker who shows any of the following poisoning signs must receive immediate medical treatment or he may die.

Signs and Symptoms of Poisoning Are: Headache, nausea, vomiting, cramps, blurred vision, pin-point pupils, tightness of chest, labored breathing, weakness, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

POSTING TREATED AREA: Consult state regulatory agencies for posting regulations and requirements.



FIRST AID TREATMENT

Speed is essential to stop absorption. 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. Explain victim exposed to parathion; describe his condition. **Until medical help is available take following steps.**

IF BREATHING HAS STOPPED, start artificial respiration immediately and continue until physician sees victim.

IF SWALLOWED and victim is awake (conscious) make him vomit quickly. First, give soapy water or strong salty water to drink then stroke back of throat with finger to make victim vomit. Repeat by giving more water and make vomit again until vomit fluid is clear. **Never give anything by mouth to an unconscious person.** Have victim lie down and keep quiet.

IN CASE OF SKIN CONTACT, immediately remove wet clothing and shoes and flush skin with water for at least 15 minutes.

EYE CONTACT: If splashed in eyes, immediately flush eyes with water for at least 15 minutes.

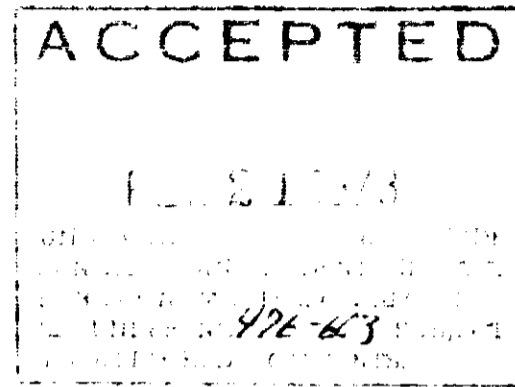
After first aid is given and physician can not come take victim to clinic or Hospital. Bring "Label Folder." Give to physician.

NOTE TO PHYSICIAN

ANTIDOTE—Administer **atropine sulfate** in large doses, 2.0 to 4.0 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 system, producing cardiac and respiratory depression.

At first signs 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 is indicated for at least 48 to 72 hours.

#1
1-19-73



LABEL FOLDER
CONTAINS
ALL DIRECTIONS FOR USE

PARATHION 4-E

Organophosphorus Insecticide
Emulsifiable Liquid

POISON
DANGER

NOT FOR
HOME USE

Before Using Read All Precautions
and Directions for Use

EPA REG. NO. 476-603-AA

2-ARC-730125-0

RESEALABLE BAG

- I Pull flaps apart to open.
- ∇ Press along ridge to close.

IMPORTANT

SEE REVERSE SIDE OF FOLDER
CONTAINS SAFETY LABELING
INFORMATION

- Active Ingredient Statement
- Primary Statements of Hazard, Precautionary Instructions.
- Fish and Wildlife Precautions
- Work Safety Rules
- Poison Symptoms
- First Aid Treatment
- Note to Physician

STAUFFER CHEMICAL COMPANY
WESTPORT, CT. 06850

treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

In order that pesticidal residues on food and forage crops will not exceed tolerances established by the Environmental Protection Agency ~~and 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.

CONTAINER DISPOSAL

Destroy Empty Container—Never Re-Use

Completely empty contents and bury unused chemical 18 inches deep in an isolated location away from water supplies.

Glass Container: Break container and bury 18 inches deep.

Metal Containers: 1 gal. drum: Pour 1 qt. of water into empty drum. Add 1 tablespoon of household detergent. Rotate drum carefully until all inner surfaces are wet. Bury rinse solution 18" deep. Punch holes in top and bottom of container, crush and bury. 5 gal. drum: Pour 2 qt. of water into empty drum. Slowly add 1/2 cup caustic soda (lye) and 2 tablespoons of household detergent. Follow the same rinsing, destruction and burial procedures given for 1 gal. drum. 55 gal. drum: Follow same procedures as for 5-gal. drum except use 5 gal. of water, 2 lb. of lye and cup of detergent.

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

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. Pour specified amount of this product into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. 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 with wettable powders unless previous use of the mixture has proven physically compatible and safe to plants. Always thoroughly emulsify this product with at least half of total water before adding wettable powder.

(except when otherwise not recommended by label)

#3
-19-73

SUGGESTED WATER RATES FOR AIRCRAFT AND GROUND EQUIPMENT

The actual rate required to provide thorough, uniform coverage varies with plant growth at time of application. Except as specified for certain uses, the following rates are therefore intended to cover a broad range of conditions.

Crop	Gal. Water/Acre	
	Aircraft	Ground
Vegetable and Field Crops.....	5-20	20- 125
Orchard, Grapes	10-40
Orchard Crops (See exceptions below)	300- 800
Citrus	500-3000
Grapes	100- 200

Maximum permissible rate per acre, expressed as Parathion 4-E, is given in parenthesis (), after each crop claim. Maximum permissible rates per acre and corresponding limitations are listed as a ready reference of legal limits for occasions when rates higher than those recommended are necessary to control unusual infestations. Consult State Agricultural Experiment Stations or Cooperative State Extension Services for additional information as the timing and number of applications may vary with local conditions.

IMPORTANT: Regardless of the type of equipment used and the volume of water required to make full coverage sprays for tree fruit and nut crops, or to make uniform applications on vegetable and field crops, do not apply more than the maximum permissible rate per acre as specified for each crop claim.

RECOMMENDATIONS

FRUIT AND NUT CROPS

Before reading the following crop claims, rates and restrictions, first read the labeling section titled Directions For Use.

In Northern Calif. do not apply to APRICOTS by aircraft or concentrate sprayers. Do not use on APPLES & PEARS when foliage is wet and under slow drying conditions, especially when concentrate sprays are used.

Unless otherwise specified, rates are given in terms of Parathion 4-E per 100 gal. of water for thorough coverage application.

DORMANT OIL USE PRECAUTIONS

OIL SPRAYS MAY INJURE TREES. APPLY DORMANT OILS ONLY IF TREES HAVE BEEN WELL SUPPLIED WITH ADEQUATE MOISTURE FOR AT LEAST 30 DAYS BEFORE APPLICATION.

The term "dormant oil," as used in dormant spray recommendations, requires the use of a type and quantity suitable for the specific tree crop, as specified by the oil manufacturer.

Unless otherwise specified, apply at the first sign of infestation and repeat at 7-10 day intervals as needed to maintain control. For codling moth, Oriental fruit moth and plum curculio control, apply at petal fall and every 10-14 days thereafter until control is achieved.

ALMONDS

DORMANT SPRAY

Mite eggs, peach twig borer, scale insects. Use 1 pt. per 100 gal. of water plus a dormant oil. Make full coverage spray. (1 1/2 GAL.)

PETAL FALL SPRAY—(When bloom finished on all varieties.)

Fruit tree leaf roller, Oriental fruit moth, peach twig borer, tent caterpillar. Use 1 pt. per 100 gal. water. Make full coverage spray. (3 qt.) CAUTION: Do not apply after hulls open. Do not feed treated hulls to livestock. (1 1/2 gal.)

#4
1-19-73

APPLES

DORMANT SPRAYS

Overwintering aphid and mite eggs, scale insects. Use 1 pt. per 100 gal. of water plus a dormant oil. (1 1/2 gal.)

SEASONAL SPRAYS: Aphids (green apple, rosy apple, woolly apple), bud moth, codling moth, fruit tree leaf roller, mealybugs, mites (clover, European red, Pacific, Schöenii, two-spotted, Williamsia), orange tortrix, plum curculio, red-banded leaf roller (1st, 2nd and 3rd broods), red bug, scales (Forbes, San Jose, scurfy). Use 1 pt.

CAUTION: Do not apply within 14 days of harvest. (1 1/2 gal.) Do not use on Golden Delicious, Jonathan, McIntosh and related varieties.

APRICOTS

DORMANT SPRAY

Overwintering mite eggs, peach twig borer, scale insects. Use 1 pt. per 100 gal. plus a dormant oil. Make full coverage spray. (7-1/5 pt.)

SEASONAL SPRAYS

Mealybug, mealy plum aphid. Use 1/2 pt.

Bud moth, codling moth, fruit tree leaf roller, orange tortrix, Oriental fruit moth, peach twig borer, scales (European fruit lecanium, San Jose), spider mites. Use 1 pt.

CAUTION

Do not apply until danger of bee poisoning has passed. Do not apply within 14 days of harvest. (7-1/5 pt.)

CHERRIES

DORMANT SPRAY

Overwintering aphid and mite eggs, scale insects. Use 1 pt. per 100 gal. plus a dormant oil. (4-1/5 pt.)

SEASONAL SPRAYS

Aphids (including black cherry aphid), bud moth, cankerworm, cherry trunk borer, cherry sluz, eye-spotted bud moth, fruit flies (begin at fly emergence and repeat at 7-day intervals), fruit tree leaf roller (apply at petal fall or shuck split), mites, orange tortrix, Oriental fruit moth (apply at shuck split and 10 to 12 days later), Pandemis moth, plum curculio (make 2 to 3 applications, 8 to 10 days apart, beginning at petal fall or shuck split), rose chafers, San Jose scale crawlers, sawflies, shot-hole borer, thrips, tortrix. Do not apply within 14 days of harvest. Use 1/2 pt.; 1 pt. for San Jose scale crawlers. (4-1/5 pt.)

CITRUS (California Recommendations)

(Grapefruit, Kumquats, Lemons, Limes, Oranges, Tangerines, Tangerines)

California red scale, purple scale, yellow scale. Use 1 1/4 pt. (3/4 pt. for purple scale) or 1/2 pt. plus a recommended spray oil per 100 gal. in a full coverage spray anytime of year, except during bloom.

Citricola and cottony-cushion scales. Use 3 pt. per 100 gal. per acre application or 1/2 pt. per 100 gal. in a full coverage spray during August to November; increase rate to 1/4 pt. per 100 gal. during February to March and 1/2 pt. during May and June applications

Black scale. Use 1/2 pt. per 100 gal. in a full coverage spray during August to November.

Citrus Thrips. Use 3 pt. per 100 gal. per acre application or 1/2 pt. per 100 gal. in a full coverage spray at petal fall. Repeat in late summer and early fall to protect new growth and prevent scarring of fruit.

CAUTION: Do not use treated citrus peel for food purposes.
Maximum Rate/Acre and Use Limitations
1 gal. — 14 days of harvest
Over 1 gal to 2 1/2 gal. — 30 days of harvest

#5

1-19-73

GRAPES

CALIFORNIA RECOMMENDATIONS

Mealybug. Use 2 pt. plus 2 gal. 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 pt. Mites. Use 1/2 pt. Repeat applications at 5-7 day intervals.

Max. Rate/Acre & Use Limitations:
3 pt. — 14 days of harvest.

SPRING SPRAYS

Over 3 pt. to 5 pt. — Apply only before fruit is the size of buckshot, ~~or after harvest~~

AREAS OTHER THAN CALIFORNIA

Aphids (grapevine), berry moth, grape mealybug, Japanese beetle, leaf folder, grape leafhopper, leaf roller, red-banded leaf roller, two-spotted mite. Use 1-2 pt.

Max. Rate/Acre & Use Limitations:
3 pt. — 14 days of harvest.

Over 3 pt. to 5 pt. — Apply only before fruit is the size of buckshot or after harvest.

NECTARINES, PEACHES

DORMANT SPRAY

Overwintering aphid and mite eggs, peach twig borer, scale insects. Use 1 pt. per 100 gal. plus a dormant oil. Make full coverage spray. (5 qt.)

SEASONAL SPRAYS FOR PEACHES ONLY

Cat-facing insects, Oriental fruit moth, peach tree borer (Make applications during appearance of the moths in early to late summer. Apply 2 or 3 sprays to trunk from ground to scaffold limbs timed with moth flight.), peach twig borer, plum curculio (peaches), San José scale. Use 1 pt.

Cottony-peach scale, fruit tree leaf roller, green peach aphid, Lecanium scale (California only. Apply after all eggs have hatched). Shot-hole borer, spider mites. Use 3/4 pt. For scale insect control make full coverage spray.

LIMITATIONS

California

Do not apply within 21 days of harvest. Do not apply more than once after bloom. Do not apply more than 2 1/2 qt. per acre per application or more than 5 qt. per acre between January 1 and harvest.

Areas Other Than California

Do not apply within 14 days of harvest. Do not apply more than 4 qt. per acre per application or more than 5 qt. per acre per year.

OLIVES

WINTER SPRAY

Black scale. Use 1/2 pt. per 100 gal. plus a dormant oil. Make full coverage spray (2 3/4 gal.).

SEASONAL SPRAYS

Scales (parlatoria, oleander, black). Use 1 pt. with regular oil spray during June or July. Do not apply after Aug.

#6

1-19-73

PEARS

DORMANT SPRAY

Overwintering aphid and mite eggs, pear psylla, scale insects (brown apricot, European fruit lecanium, San Jose). Use 1 pt. per 100 gal. water plus a dormant oil. Make full coverage spray. (7-1/5 pt.)

SEASONAL SPRAYS

Codling moth, pear blister mite, woolly aphid. Use 1/2 pt. in pre-blossom spray.

Brown apricot scale (when eggs hatch), mealybug, fruit tree leaf roller, pear psylla (pre-blossom or post-blossom sprays), spider mites, tentiform leafminer. 1 pt.

CAUTION

Under some conditions injury may occur on Bosc pears in the Northeast. Do not apply within 14 days of harvest. (7-1/5 pt.)

PLUMS, PRUNES

DORMANT SPRAY

Overwintering aphid and mite eggs, scale insects (black, brown apricot, European fruit lecanium, Parlatoria (olive), San Jose), peach twig borer. Use 1 pt. per 100 gal. water plus a dormant oil. Make full coverage spray (1 gal.).

SEASONAL SPRAYS

Aphid (mealy plum), bud moth, codling moth, leafhopper, orange tortrix, scales (Parlatoria and San Jose (crawling stage only)), spider mites, thrips (flower, pear), tussock moth. Use 1/2 pt.

Fruit tree leaf roller, peach twig borer, tent caterpillars. Use 1 pt.

CAUTION

Do not apply within 14 days of harvest (1 gal.).

STRAWBERRIES

Southeast Region

Field crickets, flea beetles, flower thrips, leaf rollers, ~~panthers~~. Use 1/2-1 pt. Spider mites. Use 1/4 pt. Do not apply within 14 days of harvest (2 pt.).

Other Areas

Aphids. Use 1-1-3/5 pt. Do not apply within 14 days of harvest. (1-3/5 pt.) Post-harvest control of root weevil. Use 2 pt. (2 pt.)

WALNUTS

(All rates are given for use in air blast spray equipment.)

DORMANT SPRAYS

Scales (calico, European fruit lecanium, frosted). Use 2 1/2 pt. plus 2-4 gal. dormant oil emulsion using 100-200 gal. of water per acre. Apply during January 1 to March 1. (2 1/2 gal.)

Scales (Putnam, San Jose, soft scale species), overwintering walnut aphid eggs. Use 2 1/2 pt. plus 2 gal. dormant oil emulsion. Apply 200-400 gal. of water per acre during January 1 to February 15. (2 1/2 gal.)

#7
1-19-73

VEGETABLE AND FIELD CROPS

(ALSO READ DIRECTIONS FOR USE)

Unless otherwise indicated, dosages are given in pints of this product per acre in sufficient water to provide thorough coverage. Begin applications when insects first appear and repeat at 7-10 day intervals as needed to maintain control, but observe use limitations given for specific crops.

Explanatory Comments

Armyworms — Recommendation applies only for control up to 3rd instar stage.

Cutworms — Recommendation applies only to climbing species.

ALFALFA — Alfalfa Weevil Larvae

California and Nevada

Apply $\frac{3}{4}$ pt. maximum per acre in 15-20 gal. water, when 75% of terminals show feeding damage.

Areas Other Than Calif. and Nevada

Apply $\frac{1}{2}$ -1 pt. per acre to stubble immediately after removal of alfalfa, usually not later than May 25. (1- $\frac{3}{5}$ pt.)

OR

Apply when 75% of terminals show feeding damage using $\frac{1}{2}$ -1 pt. (1- $\frac{3}{5}$ pt.)

CAUTIONS AND LIMITATIONS FOR ALL AREAS

Do not apply during bloom to avoid injury to bees. Do not apply within 15 days of cutting or forage use. Birds and other wildlife in treated areas may be killed.

ALFALFA, CLOVER, VETCH

Aphids (greenbug, spotted alfalfa aphid), alfalfa caterpillars, armyworms, grasshoppers.

Use $\frac{3}{4}$ pt. maximum per acre in California and Nevada; for other areas use $\frac{1}{2}$ -1 pt. per acre.

Blister beetle, leafhopper, mites.

Use $\frac{1}{2}$ - $\frac{3}{4}$ pt. maximum per acre in California and Nevada; for other areas use $\frac{3}{5}$ -1 $\frac{1}{2}$ pt. per acre.

CAUTIONS AND LIMITATIONS FOR ALL AREAS

Do not apply during bloom. Birds and other wildlife in treated areas may be killed. Do not apply within 15 days of cutting or forage use.

ARTICHOKE

Aphids, plume moth. Use 2 pt. Do not apply within 7 days of harvest. (2 pt.)

BEANS (Dry and Green)

Aphids, armyworms, leafhopper, leaf miner, leaf roller, Mexican bean beetle, spider mites, stink bugs, white flies. Use 1-1- $\frac{3}{5}$ pt.

Maximum Rate/Acre and Use Limitations

1 pt. — 7 days of harvest.

Over 1 pt. to 1- $\frac{3}{5}$ pt. — 15 days of harvest.

#8

1-19-73

BEETS (Table)

Alfalfa looper, aphids, armyworms, blister beetles, flea beetle, leafhopper, leaf miner, webworm. Use 1-1-3/5 pt. Do not apply within 15 days of harvest; 21 days if treated tops are to be used for food or feed. (1-3/5 pt.)

COLE CROPS

(Broccoli, Brussels sprouts, cabbage, cauliflower, kohlrabi)

Aphids, vegetable weevil. Use 1 pt. Cabbage looper. Use 1-3 pt.

RATES AND USE LIMITATIONS

Cabbage: 1 pt. — 10 days.
Over 1 pt. to 3 pt. — 21 days.

Broccoli, Brussels sprouts, Cauliflower, Kohlrabi

1 pt. — 7 days.

Over 1 pt. to 3 pt. — 21 days.

CARROTS

Aphids, leafhoppers. Use 1-2 pt. Do not apply within 15 days of harvest. Do not use treated carrot tops for food or feed. (2 pt.)

CELERY

Aphids, celery leaf tier, celeryworms, leafhoppers, spider mites. Use 1-2 pt. Serpentine leaf miner — Use 1 1/2-2 pt.

Maximum Rate/Use Limitation

1 pt. — 21 days of harvest
Over 1 pt. to 2 pt. — 30 days of harvest.

CORN

Armyworms, corn rootworm adults (make full coverage applications to foliage when adult beetles become numerous and repeat as necessary). Use 1/2-1 pt. European corn borer. Use 1-2 pt. Do not apply within 12 days of picking or cutting for forage. (2 pt.)

COTTON

Aphids, armyworms, brown cotton leafworm, false chinch bug, salt-marsh caterpillar, southern garden leafhopper, stink bugs, spider mites, thrips. Use 1 pt.

Bollworm, cotton leaf perforator, fleahopper, lygus bugs, serpentine leaf miner, tobacco budworm. Use 2 pt.

LIMITATIONS

Workers entering fields within 24 hours after application should wear protective clothing. Do not hand pick or harvest within 7 days of application. (2-2/5 pt.)

#9

1-19-73

EGGPLANT

Aphids, blister beetle, Colorado potato beetle, eggplant lace bug, flea beetle, leaf miner, spider mites, stink bugs, thrips, whiteflies. Use 1-1-3/5 pt. Do not apply within 15 days of harvest. (1-3/5 pt.)

MOSQUITO CONTROL

In Rice Fields and Irrigated Pastures

Apply 3.2 fluid ounces in 5-20 gal. water by aircraft or in 25-100 gal. water by ground equipment. Shrimp and crab may be killed at application rates. Do not apply where these are important resources. Do not apply to water drainage areas where runoff or flooding will contaminate ponds, lakes or streams. Keep out of tidal marshes and estuaries. Do not apply within 1 day of harvest of rice; 7 days of pasturing or harvest of grass pasture. (3.2 fluid ounces.)

OKRA

Aphids, leaf miner, stink bugs. Use 1/2-1 pt. Do not apply within 21 days of harvest. (1-3/5 pt.)

ONIONS

Aphids, leaf miner, thrips (repeat at weekly intervals as necessary), Patrobia mite, stink bugs. Use 1-1-3/5 pt. Do not apply within 15 days of harvest. (1-3/5 pt.)

Onion maggot. Use 1-1-3/5 pt. in sufficient water to cover one acre when applied in furrow at planting time. (1-3/5 pt.)

PEANUTS

Lesser cornstalk borer, spider mites, thrips. Use 1 pt. per acre. Leafhoppers, red-necked pest, three-cornered alfalfa hopper, cutworm. Use 1 to 1-3/5 pt. per acre. Do not apply within 15 days of harvest. (1-3/5 pt.)

PEAS

Alfalfa looper, aphids, armyworms, bean leafhopper, bean leaf roller, celery looper, climbing cutworm, serpentine leaf miner, spider mites, stink bugs, thrips. Use 1 pt. Do not apply within 10 days of harvest. (1 pt.)

PEPPERS

Aphids, flea beetle, pepper maggot, serpentine leaf miner, thrips, Western potato flea beetle. Use 1-1-3/5 pt. Do not apply within 15 days of harvest. (1-3/5 pt.)

POTATOES, IRISH

Wireworms (Preplant Broadcast application):

Use 3/4-1 gal. in sufficient water for uniform coverage of the soil surface. Application should be followed promptly by tillage to mix the chemical thoroughly into the upper 4" of soil. Use standard low-pressure (20-50 psi) boom spray equipment.

FOLIAR USES

Aphids (including green peach), armyworms, blister beetle, Colorado potato beetle, flea beetle, grasshopper, leaf miner, plant bug, potato beetle, serpentine leaf miner, spider mites, stink bugs, thrips, vegetable weevil. Use 1-2 pt. Do not apply within 7 days of harvest. (2 pt.)

#10

1-19-73

RICE

California Only

Rice leaf miner, tadpole shrimp. Use 1/5 pt. in 5-10 gal. water. Apply by aircraft at the first sign of infestation after planting. 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 Stam F.34 or Rogue. Injury may result. Do not spray over canals or laterals. (1/5 pt.)

SMALL GRAINS

(Barley, Oats, Wheat)

Aphids, armyworms, grasshoppers, greenbug. Use 1/2-3/4 pt. Do not apply within 15 days of harvest. (3 pt.)

SORGHUM

False chinch bug, grasshoppers. Use 1/2-3/4 pt. Corn earworm, sorghum webworm. Use 1/2-1 pt. Sorghum midge. Use 1 pt. and make 2 applications 3-5 days apart when approximately 90% of the heads have emerged from the boot. Aphids, mites. Use 2 pt. Do not apply within 12 days of harvest or cutting for forage. (2 pt.)

SOYBEANS

Preplant Soil Application

White grubs, wireworms. Apply 1 gal. per acre broadcast just prior to planting and thoroughly incorporate into upper 4-6" of soil.

Foliar Use

Webworms. Use 1/2 pt. Green cloverworm, stink bug, two-spotted mites, velvet bean caterpillar. Use 1 pt. Corn earworm, fall armyworm. Use 1-1-3/5 pt. Do not apply more than two applications per growing season. Do not apply within 20 days of grazing or harvest. (1-3/5 pt.)

SPINACH

Aphids, leaf miner. Apply 1/2-1 pt. Do not apply within 14 days of harvest. (1 pt.)

TOMATOES

Aphids, armyworms, flea beetle, grasshopper, leafhopper, spider mites, serpentine leaf miner, stink bugs, tomato pinworm, tomato psyllid, whiteflies. Use 1 1/2-2 pt. Do not apply within 10 days of harvest. (2 pt.)