

RESTRICTED USE PESTICIDE

FOR RETAIL SALE TO AND APPLICATION ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATORS CERTIFICATION.



PARATHION 4 EC PARATHION MIXTURE, LIQUID

ACTIVE INGREDIENTS:

Parathion (O,O-diethyl O-p-nitrophenyl thiophosphate).....	46.7%
Xylene.....	48.4%

INERT INGREDIENTS:

TOTAL 100.0%

EPA Reg. No. 7001-5-ZA
Est. No. 7001-CA-1

CONTAINS 4 LBS. PARATHION PER GALLON



**POISON
DANGER!**

KEEP OUT OF REACH OF CHILDREN

**POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN OR EYES
RAPIDLY ABSORBED THROUGH SKIN!**

POISONING SYMPTOMS:

**Headache, Diarrhea, Discomfort in Chest, Nausea,
Weakness, Cramps, Blurred Vision.
CALL A PHYSICIAN IMMEDIATELY!**

See Note to Physician on Front Label

See additional dangers, protective equipment and clothing and work safety notes on front label.

This product is toxic to fish and wildlife. Do not contaminate any body of water by direct application, cleaning of equipment or disposal of wastes and containers. Do not apply this product to any area of any crop not specifically indicated on this label.

This product is highly toxic to bees exposed to direct treatment of treated plants or trees. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Avoid spillage while mixing and filling spray equipment. When containers are empty, rinse thoroughly with water and detergent and destroy. Discard in a safe place. Do not reuse.

Do not Use, Pour, Spill or Store near Heat or Open Flame.

DO NOT REUSE CONTAINER

DIRECTIONS FOR DILUTION

DILUTE APPLICATION: *Ground Application:* Apply specified rate in 20 to 100 gallons of water per acre. *Orchard Application:* Apply specified rate in 100 to 800 gallons of water per acre.

CONCENTRATE APPLICATION: *Ground Application:* Apply specified rate in 20 to 100 gallons of water per acre. *Orchard Application:* Apply specified rate in 100 to 800 gallons of water per acre. Special concentrate equipment is necessary for these uses.

AIR APPLICATION: Apply specified rate in 5 to 20 gallons of water per acre. Do not be applied in less than 10 gallons of water per acre.

Caution: Do not apply more than 2 quarts per acre by air or concentrate application.

DIRECTIONS FOR USE

PREPLANT SOIL TREATMENT: Beans, Beets, Cabbage, Cauliflower, Broccoli, Brussels Sprouts, Corn, Melons, Lettuce, Spinach, Tomatoes, Peppers, Onions and Peas. To control Wireworms, Cutworms, Symphids and White Grubs apply on or as a preplant soil treatment. Apply 1 1/2 quarts per acre in not less than 20 gallons of water. Cross disc field immediately after treatment. Keep all persons and animals out of treated fields for 48 hours. Do not contaminate ponds or streams.

Alfalfa, Clover, Vetch (Seed Crops Only): *Army Weevil, Aphid, Armyworm, Alfalfa Caterpillar.* Apply 1 1/2 quarts per acre in 20 to 60 gallons of water per acre. Do not apply within 15 days of harvest. Birds and other wildlife in treated areas may be harmed.

Almonds: *Aphids, Tawny Borer, Spider Mites, Scale Insects, Oriental Fruit Moth.* Apply 2 to 2 1/2 quarts per acre. Do not apply after buds open. For *Oriental Fruit Moth* control apply at petal fall and every 10 to 14 days thereafter until control is achieved.

Apples: *Aphids, Codling Moth, Blue Mites, Mealybug, Mites, Red Banded Leafhopper, Grasshopper, Orange Tortrix.* Apply 4 to 12 pints per acre. Repeat at 7 to 10 day intervals. For *Codling Moth* control apply at petal fall and every 10 to 14 days thereafter until control is achieved. Do not apply within 14 days of harvest. Do not apply to susceptible varieties.

Artichoke: *Aphids, Plum Moth.* Apply 2 pints per acre. Do not apply within 7 days of harvest.

Barley: *Corn Leaf Aphid, European Armyworm, Grasshopper.* Apply 3 pints per acre. Do not apply within 15 days of harvest.

Beans: *Mexican Bean Beetle, Aphids, Leafminer, Thrips, Leafhopper, Lygus Bugs, Pod Borer, Spider Mites, Armyworms, Leafhopper.* Apply 1 to 1 1/2 pints per acre. Do not apply within 15 days of harvest.

Broccoli, Brussels Sprouts, Cabbage, Cauliflower: *Imported Cabbageworm, Cabbage Looper, Diamond Back Moth, Armyworm, Flea Beetle.* Apply 1 to 1 1/2 pints per acre. *Leaf Miner.* Apply 1 pint per acre. Do not apply within 10 days of harvest.

Carrots: *Aphids, Leafhopper.* Apply 1 quart per acre. Do not apply within 15 days of harvest. *Wireworms.* Apply 5 quarts per acre preplant soil application. Do not use tops for food or feed. Keep all persons and animals out of treated fields for 48 hours. Do not contaminate ponds or streams.

Celery: *Aphids, Cabbageworm, Celery Worm, Worm, Celery Leaf Tier, Leafhopper, Spider Mites.* Apply 1 1/2 pints per acre. Do not apply within 21 days of harvest.

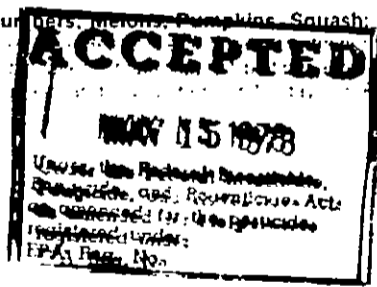
Citrus (Grapefruit, Kumquats, Lemons, Limes, Oranges, Tangelos, Tangerines): *Orange Tortrix, Leafminer, Tawny Moth, Citrus Thrips.* Apply 1 to 6 quarts per acre. *Scale (Purple, Yellow, Red, Snow, Black, Green, Black, Mealy Bug, White Fly).* Apply 5 to 6 quarts per acre. To prevent scarring of citrus, citrus apply in late spring throughout summer and in the early fall. Do not apply within 30 days of harvest.

Corn, Sorghum: *Aphids, Corn Earworm, European Corn Borer, Armyworm, Corn Rootworm Adults.* Apply 2 pints per acre. Do not apply within 12 days of harvest or cutting for forage. For *Corn Earworm* control apply this as soon as they appear. Make 3 to 4 applications at 2 to 3 day intervals. Reapply immediately after rain.

Cotton: *European Corn Borer, Stem Borer, Cabbage Looper, Bollworm, Aphids, Spider Mites, Cotton Leafworm, Leafhopper.* Apply 1 to 1 1/2 pints per acre. *Cotton Leaf Perforator, Lygus Bug, Salt Marsh Caterpillar.* Apply 1 to 2 pints per acre. Do not apply within 7 days of hand picking or harvest. Workers entering fields within twenty-four hours after application should wear protective clothing.

Grapes: *Aphids, Spider Mites, Leafhopper, Leaf Miner.* Apply 1 to 2 pints per acre. Apply up to 14 days before harvest. **Caution:** Spotting may occur on table varieties. **Dormant Application:** *Mealy Bug.* Apply 2 1/2 quarts per acre. May be applied with 2 gallons of Super 94 (Spray Oil) per 100 gallons of water.

Cucumbers, Melons, Pumpkins, Squash: *Aphids, Spider Mites, Leafhopper, Cucumber Beetle, Squash Bug, Melonworm, Cucumber Beetle, Squash Bug, Melonworm.* Apply 1 to 2 pints per acre. Do not apply within 14 days of harvest. Do not apply to susceptible varieties.



Lettuce
Onions
Peas
Pears
Peppers
Plums
Potatoes
Rice
Safflower
Spinach
Strawberries
Sugarbeets
Walnuts

OC
Warrant

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APPLICATIONS OR
USES COVERED

D

BY WT.
..... 46.7%
..... 48.4%
..... 49%
..... 100.0%

IN PER GALLON

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es on front label
by direct application
product to any area or to
on crops. Protective
service.
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ever to use container

gallons of water per
per acre
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d gallons of water per
chard rates should
calen

DIRECTIONS FOR USE

PREPLANT SOIL TREATMENT: Beans, Beets, Cabbage, Cauliflower, Broccoli, Brussels Sprouts, Corn, Melons, Lettuce, Spinach, Tomatoes, Peppers, Onions and Peas. To control *Wireworms*, *Cutworms*, *Scarf-worms* and *White Grubs* apply only as a preplant soil treatment. Apply 1 gallon per acre in less than 20 gallons of water. Cross disc field immediately after treatment. Keep all persons and animals out of treated fields for 48 hours. Do not contaminate ponds or streams.

Alfalfa, Clover, Vetch (Seed Crops Only): *Alfalfa Weevil*, *Aphid Armyworm*, *Alfalfa Caterpillar*. Apply 1 pint in 20 to 60 gallons of water per acre. Do not apply within 15 days of harvest. Beets and other winter-treat areas may be harmed.

Almonds: *Aphids*, *Twig Borer*, *Spider Mites*, *Scale Insects*, *Oretha Fruit Moth*. Apply 2 to 2.5 quarts per acre. Do not apply after husks open. For *Oretha Fruit Moth* control apply at start of harvest, 10 to 14 days thereafter until control is achieved.

Apples: *Aphids*, *Carrot Moth*, *Red Moths*, *Mealybug*, *Mites*, *Red Banded Leaf Miner*, *Grasshopper*, *Orange Tortrix*. Apply 4 to 12 pints per acre. Repeat at 7 to 10 day intervals. For *Carrot Moth* control apply at start of harvest every 10 to 14 days thereafter until control is achieved. Do not apply within 14 days of harvest. Do not apply to susceptible varieties.

Artichoke: *Aphids*, *Parula Moth*. Apply 2 pints per acre. Do not apply within 7 days of harvest.

Barley: *Corn Leaf Aphid*, *Fly Armyworm*, *Grasshopper*. Apply 3 pints per acre. Do not apply within 15 days of harvest.

Beans: *Mexican Bean Beetle*, *Aphids*, *Leaf miner*, *Thrips*, *Leafhopper*, *Lygus Bug*, *Colorado Borer*, *Spider Mites*, *Armyworms*, *Leaf Miner*. Apply 1 to 1.5 pints per acre. Do not apply within 15 days of harvest.

Broccoli, Brussels Sprouts, Cabbage, Cauliflower: *Imported Cabbageworm*, *Cabbageworm*, *Diamond-Back Moth*, *Armyworm*, *Flea Beetle*. Apply 1 to 1.5 pints per acre. Do not apply within 10 days of harvest.

Carrots: *Aphids*, *Leafhopper*. Apply 1 quart per acre. Do not apply within 15 days of harvest.

Worms: Apply 5 quarts per acre preplant soil application. Do not use top soil for food or feed. Keep all persons and animals out of treated fields for 48 hours. Do not contaminate ponds or streams.

Celery: *Aphids*, *Cabbage Looper*, *Celery Worm*, *Celery Leaf Tortrix*, *Leaf Miner*, *Spider Mites*. Apply 1 pint per acre. Do not apply within 21 days of harvest.

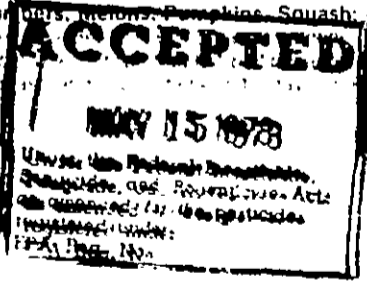
Citrus (Grapefruit, Kumquats, Lemons, Limes, Oranges, Tangelos, Tangerines): *Orange Tortrix*, *Leaf Miner*, *Tussock Moth*, *Citrus Thrips*. Apply 1 to 6 quarts per acre. *Scale*, *Parula*, *Yellow*, *Red Spider*, *Cottony Cushion*, *Black Mealy Bug*, *White Fly*. Apply 5 to 6 quarts per acre. To prevent scarring of lemons or limes, apply in late spring throughout summer and in the early fall. Do not apply within 30 days of harvest.

Corn, Sorghum: *Aphids*, *Corn Earworm*, *European Corn Borer*, *Armyworm*, *Corn Rootworm*, *Ants*. Apply 2 pints per acre. Do not apply within 12 days of harvest. For *Corn Rootworm* control apply to silks as soon as they appear. Make 3 to 4 applications at 2 to 3 day intervals. Repeat immediately after rain.

Cotton: *Fusee Weevil*, *Stink Bug*, *Cabbage Looper*, *Belt Worm*, *Aphids*, *Spider Mites*, *Cotton Leafworm*, *Leafhopper*. Apply 1 to 1.5 pints per acre. *Cotton Leaf Perforator*, *Lygus Bug*, *Salt Marsh Caterpillar*. Apply 1 to 2 pints per acre. Do not apply within 7 days of hand picking of harvest. Workers entering fields within twenty-four hours after application should wear protective clothing.

Grapes: *Aphids*, *Spider Mites*, *Leafhopper*, *Leaf Miner*. Apply 1 to 2 pints per acre. Apply up to 14 days before harvest. **Caution:** Spotting may occur on table varieties. **Dormant Application:** *Mealy Bug*. Apply 1 to 2.5 quarts per acre. May be applied within 2 gallons of Super 94 (Spray) per 100 gallons of water.

Cucumbers, Melons, Pumpkin, Squash: *Aphids*, *Leafhopper*, *Spider Mites*, *Cucumber Beetle*, *Squash Bug*, *Stink Bug*, *Cabbage Looper*, *Belt Worm*, *Grasshopper*, *Colorado Borer*, *Spider Mites*, *Cotton Leafworm*, *Leafhopper*. Apply 1 to 1.5 pints per acre. Do not apply within 15 days of harvest.



AVAILABLE

Lettuce: *Aphids*, *Leafhopper*, *Thrips*, *Armyworm*. Apply 1 pint per acre. Do not apply within 14 days of harvest.

Onions, Garlic: *Aphids*, *Spider Mites*. Apply 1 pint per acre. Do not apply within 15 days of harvest.

Peaches, Nectarines: *Aphids*, *Twig Borer*, *Spider Mites*, *Scale Insects*, *Oretha Fruit Moth*. Apply 2 to 2.5 quarts per acre. Do not apply after husks open. For *Oretha Fruit Moth* control apply at start of harvest, 10 to 14 days thereafter until control is achieved (CALIFORNIA). Do not apply within 14 days of harvest. Do not apply to susceptible varieties. Do not apply more than 5 pounds of product per acre between January 1 and harvest. AREAS OTHER THAN CALIFORNIA: Do not apply within 14 days of harvest. Do not apply more than 5 pounds of product per acre.

Peas: *Aphids*, *Spider Mites*. Apply 1 pint per acre. Do not apply within 15 days of harvest.

Pears: *Aphids*, *Blight*, *Mite*, *Red Pest*, *Mealy Bug*, *Scale*, *Armyworm*, *Spider Mites*. Apply 1 to 1.5 pints per acre. Do not apply after husks open. For *Spider Mites* control apply at start of harvest, 10 to 14 days thereafter until control is achieved. Do not apply within 14 days of harvest.

Peppers, Tomatoes: *Parula Moth*, *Serpentine Leaf Miner*, *Grasshopper*. Apply 1.5 to 2 pints per acre. Do not apply after flowering.

Plums, Prunes: *Leafroller*, *Twig Borer*, *Thrips*, *Leafhopper*, *Oriental Fruit Moth*, *Red Spider Mite*, *Aphids*, *Scale Insects*. Apply 2 to 4 quarts per acre. For *Oriental Fruit Moth* control apply at start of harvest and every 10 to 14 days thereafter until control is achieved. Do not apply within 14 days of harvest. For coverage spray for control of scale insects.

Potatoes: *Aphids*, *Leafhopper*, *Thrips*, *Colorado Potato Beetle*, *Flea Beetle*, *Armyworm*, *Serpentine Leaf Miner*, *Tortrix Moth*, *Grasshopper*, *Potato Psyllid*. Apply 1 to 2 pints per acre. Do not apply within 14 days of harvest.

Rice (Calif. Only): *Furrow Sump*, *Rice Leaf Miner*. Apply 1 to 5 pints per acre in 100 gallons of water or 10 gallons of water by air. Restrict water in treated fields for 3 days. Do not spray over lateral canals. Do not apply for 14 days before or after treatment with propanil herbicide (Stam or Rogue). Do not apply within 1 day of harvest. Snmp and crab may be killed at application rates recommended. Do not apply where these are important resources.

Safflower: *Aphids*, *Thrips*, *Lygus Bug*. Apply 1 pint per acre. Do not apply after flowering.

Spinach: *Aphids*, *Leafminer*, *Thrips*, *Maggot*. Apply 1 to 1.5 pints per acre. *Cabbage Looper*. Apply 1.5 pints per acre. Do not apply within 14 days of harvest.

Strawberries: *Aphids*, *Spider Mites*, *Lygus Bugs*, *Spittle Bug*, *Potato Leafhopper*, *Strawberry Leafhopper*, *White Flies*, *Strawberry Root Weevil*. Apply 1 to 1.5 pints per acre. Do not apply within 14 days of harvest.

Sugar Beets, Table Beets: *Aphids*, *Blight Beetle*, *Flea Beetle*, *Leafminer*, *Webworm*, *Armyworm*, *Red Spider Mites*, *Leafhopper*. Apply 1 to 1.5 pints per acre. Do not apply within 15 days of harvest or within 21 days if used for food or feed.

Walnuts: *Aphids*, *Red Spider Mites*. Apply 1 to 5 quarts per acre. Repeat 7 to 10 days for *Red Spider Mites*. *Carrot Moth*. Apply 3 to 5 quarts per acre. Do not apply after husks open.

Occidental Chemical Company

Occidental Chemical Company, a subsidiary of Occidental Petroleum Corporation, is a registered pesticide manufacturer. The company's products are used to control insects and other pests on crops and in homes. The company's products are registered with the U.S. Environmental Protection Agency. The company's products are also registered in many other countries.

Occidental Chemical Company warrants that the net weight composition of this product conforms to the chemical description on the label. Occidental Chemical Company does not warrant the effectiveness of its products. The user of this product assumes all risks of use, storage and handling. The user of this product is advised to read the label carefully before use. The user of this product is also advised to wear protective clothing and to avoid contact with the product. The user of this product is also advised to avoid breathing the product and to avoid contact with the product. The user of this product is also advised to avoid contact with the product.