

## 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.



**PARAWET 25 W**  
**PARATHION MIXTURE, DRY**

ACCEPTED

MAY 30 1979

U.S. Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No.

### ACTIVE INGREDIENTS:

Parathion (OO Diethyl O p-nitrophenyl phosphorothioate) 25%

### INERT INGREDIENTS:

TOTAL 100%

EPA Reg No 7001-55

EPA Est No 7001-Ca-1



**POISON**



**DANGER**

**KEEP OUT OF REACH OF CHILDREN**

Poisonous if swallowed, inhaled or by contact with skin or eyes. Rapidly absorbed through skin and eyes. See additional danger, first aid treatment, poisonous gas on front label.

Highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Rinse spray equipment. Bury liquid waste, unused chemical and empty bag 18 inches deep in a safe isolated area well away from water supplies.

### ENVIRONMENTAL CAUTION

This product is toxic to fish, shrimp, crabs, birds and other wildlife. Birds and other wildlife treated areas may be killed. Keep out of lake, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

### DIRECTIONS FOR DILUTION

#### 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.

#### 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. Special concentrate equipment is necessary for these uses.

#### 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

Almonds: Oriental Fruit Moth, Tent Caterpillar, Peach Twig Borer. Apply 4 to 10 lbs. per acre. Do not apply after hulls begin to open. Do not feed treated nuts to livestock.

Apples: Aphids (Apple Rosy Apple, Woolly Apple), Apple Red Bug, Eye Spotted Bud Moth, Spider Mites (Clover, Pacific, Schoene, Willamette), Tentiform Leafminer, Mites (European Red, Two Spotted Spider, Fruit Tree and Redbanded), (1st brood) Leafrollers. Apply 7 to 8 lbs. per acre. Apple Lace Bug, Oystershell Scale, Codling Moth, Orange Tortrix, Plum Curculio, Scales (including Forbes, San Jose, Scurfy Scale), Grasshoppers and Mealybug. Apply 3 to 10 lbs. per acre. Do not apply within 14 days of harvest. CAUTION: Do not apply to susceptible varieties.

Apricots: Mealybug, European Red Mite, Two Spotted Spider Mite, Peach Twig Borer, Black Scale, European Fruit Lecanium Scale. Apply 6 to 12 lbs. per acre. Oriental Fruit Moth, Tortrix Moths (including Orange Tortrix), Aphids (including Mealy Plum Aphid), Eyespotted Bud Moth, Codling Moth, Fruit Tree Leafroller, Spider Mite. Apply 3 to 12 lbs. per acre. Do not apply within 14 days of harvest.

Artichokes: Aphids, Artichoke Plum Moth. Apply 1.5 to 4 lbs. per acre. Do not apply within 7 days of harvest.

Barley: Oats, Wheat, Aphids, Armyworms, Grasshoppers, Buster Beetle (Barley and Oats only). Apply 1 to 3 lbs. per acre. Do not apply within 15 days of harvest.

Beans: Aphids, Armyworm, Leafhoppers (including Potato Leafhopper), Leafminers (including Serpentine Leafminers), Leafrollers, Mexican Bean Beetle, Stink Bug, Spider Mites (including Two Spotted Spider Mites), White Flies. Apply 2 to 3 lbs. per acre. Two pounds per acre. Do not apply within 7 days of harvest. Over 2 lb. do not apply within 15 days of harvest.

Beets: Aphids, Blister Beetles, Flea Beetles, Leafhoppers, Leafminers, and Webworms. Apply 1 to 2 lbs. per acre. Do not apply within 15 days of harvest. Do not apply within 21 days of harvest if tops are to be used for food or feed.

Blackberries: Aphids. Apply 1 to 4 lbs. per acre. Do not apply within 15 days of harvest.

Blueberries: Cherry Fruitworm, Cranberry Fruitworm, Plum Curculio. Apply 2 lbs. per acre. Do not apply within 14 days of harvest.

Broccoli: Brussels Sprouts, Cabbage, Cauliflower, Aphids (including Turnip Aphid), Thrips, Climbing Cutworm, Darkling Ground Beetles, Flea Beetles, Leafminers (including Serpentine Leafminers), Vegetable Weevil, Armyworm, Diamond Back Moth, Imported Cabbage Worm, Cabbage Looper. Apply 1 to 4 lbs. per acre. Rate of 1 to 2 lbs. do not apply within 10 days of harvest on Cabbage. 7 days on Broccoli, Brussels Sprouts, Cauliflower. Rate: over 2 to 4 lbs. do not apply within 21 days of harvest.

Carrots: Aphids, Stink Bugs, Leafhoppers (including Aster Leafhoppers), Vegetable Weevil, Leafminers. Apply 1 to 2 lbs. per acre. Do not apply within 15 days of harvest. Do not use treated tops for food and feed.

Celery: Aphids, Celery Leaf Tier, Leafhoppers (including Aster Leafhoppers), Leafminers (including Serpentine Leafminers), Spider Mites (including Two Spotted Spider Mites). Apply 1 to 3 lbs. per acre. Do not apply within 15 days of harvest at 1 lb. rate. 21 days of harvest at rates over 1 to 2 lbs. 30 days of harvest at rates over 2 to 3 lbs.

Cherries: Aphids (including Black Cherry Aphid), Spider Mites (including Clover, European Red, Two Spotted Spider Mite), Shot-hole Borer. Apply 2 to 6 lbs. per acre. Leafrollers (including Fruit Tree Leafroller), Lesser Apple Worm, Oriental Fruit Moth, Plum Curculio (Sawfly), Pearslug, San Jose Scale, Lecanium Scale, Tortrix Moths (including Orange Tortrix). Apply 3 to 6 lbs. per acre. Crankworm, Eye Spotted Bud Moth, Fruit flies (including Cherry Fruit Fly, Western Cherry Fruit Fly), Cherry Fruitworm. Apply 3 to 7 lbs. per acre. Black Cherry Aphid, Clover Mite (Eggs), Scale. Apply 6 to 8 lbs. per acre for dormant application. Only combine 3 to 5 gallons per acre of oil with spray mixture. Do not apply within 14 days of harvest.

Citrus: Scale (California Red, Citricola, Purple, Yellow), Apply 4 to 12 lbs. plus 4 to 10 gallons of Best Citrus Oil per acre in California only. Mealybugs, Thrips, Katydid, Aphids, Cutworms, Leafroller, Western Tussock Moth. Apply 6-12 lbs. per acre in California only. Thrips, Mealybugs. Apply 6-12 lbs. per acre in late spring, throughout summer and in early fall in areas other than California. Do not apply within 14 days of harvest.

Collards, Kale, Kohlrabi: Aphids, Thrips. Apply 2-3, 2 lbs. per acre. Armyworm, Diamond Back Moth, Imported Cabbage Worm. Apply 1 to 2 lbs. per acre. Cutworms, Leafhoppers, Cabbage Looper, Vegetable Weevil. Apply 2 lbs. per acre. Rates up to 1 lb. do not apply within 7 days of harvest. Rates over 1 lb. to 2 lbs. do not apply within 10 days of harvest.

Corn: Armyworm. Apply 1-1.5 lbs. per acre. European Corn Borer. Apply 2 lbs. per acre. Apply when borers appear, when 50% of eggs are in black head stage or after 20 egg masses are counted per 100 stalks and first eggs are in black head stage or when 75% of the plants show shot hole feeding. Do not apply within 12 days of harvest.

Cotton: Aphids, Armyworm (to 3rd instar), Leafhoppers, Spider Mites, Saltmarsh Caterpillar, Stink Bugs, Thrips. Apply 2-4 lbs. per acre. Bollworms, Cotton Leaf Perforator, False Chinch Bug, Flea Hopper, Serpentine Leafminers, Lygus Bugs, Tobacco Budworm. Apply 4 lbs. per acre. Do not apply within 7 days of harvest or hand picking. Workers entering fields within 24 hours after application should wear protective clothing.

Cucumbers, Melons, Squash: Aphids, Cucumber Beetle, Leafminers, Melonworm, Pickleworm. Apply 2-3 lbs. per acre. Darkling Ground Beetle, Flea Beetle, Leafhoppers, Squash Bug, Squash Vine Borer, Stink Bugs, Thrips, Whiteflies. Apply 2 lbs. per acre. Do not apply within 15 days of harvest on Cucumbers. 7 days of harvest on Melons.

Eggplants, Peppers: Aphids, Leafminers, Thrips. Apply 1-2 lbs. per acre. White Flies. Apply 2 lbs. per acre. Do not apply within 15 days of harvest.

Endive: Aphid, Leafhoppers. Apply 2 lbs. per acre. Do not apply within 21 days of harvest.

Figs: Spider Mites. Apply 6-12 lbs. per acre. Fig Scale. Apply 8-12 lbs. per acre. Do not apply within 30 days of harvest.

Grapes: False Chinch Bug, Leafhoppers, Mealybugs, Mites. Apply 2-6 lbs. per acre. Grape Mealybug. Apply 4-10 lbs. per acre plus 1 gallon of 34 Spray Oil per acre in antispray, during dormant period, before fruit is the size of buckshot or after harvest. The 2-6 lb. rate do not apply within 14 days of harvest.

