

RESTRICTED USE PESTICIDE

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

STOP - READ LABEL BEFORE USING!



BEST DOCUMENT AVAILABLE

Parathion
ACCEPTED
25 W DEC 5 1980
Under the Federal Insecticide, Fungicide, and Rodenticide Act registered under EPA Reg. No. 5905-255

ACTIVE INGREDIENTS	(BY WEIGHT)
Parathion (O,O-Diethyl O-p-nitrophenyl phosphorothioate)	23.85%
Related Compounds	1.15%
INERT INGREDIENTS	75.00%
TOTAL	100.00%

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POISON
See Side Panels for Antidote & Precautions



DANGER
Keep Out of Reach of Children

PRECAUCIÓN

AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta la haya sido explicada ampliamente.

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

EPA REG. NO. 5905-255

EPA EST NO.



CITRUS. (Grapefruit, Kumquats, Lemons, Limes, Oranges, Tangerines) To control California Red Scale and Yellow Scale use 2 1/2 lbs. or 1/2 lb. with 1 1/2 to 1 3/4 gallons of light or medium oil emulsion per 100 gallons in a full coverage spray. To control Purple Scale use 1 1/2 lb. or 1/2 lb. with 1 1/2 to 1 3/4 gallons of a light or medium oil emulsion per 100 gallons in a full coverage spray. To control Citricola and Cottony Cushion Scale use 8 lbs. per 100 gallons and 100 gallons per or 1/2 lb. per 100 gallons in full coverage spray during August to November. Increase dose to 1/2 lb. per 100 gallons in a full coverage spray during February and March and 1 lb. during May and June application. To control Citrus Thrips use 6 lbs. per 100 gallons and 100 gallons per acre or 1 lb. per 100 gallons in a full coverage spray at time of petal fall. Repeat in late summer and early fall to protect new growth and prevent scarring of fruit. To control Aphids, Mealy Bugs and Orangeworms apply 1 1/2 to 2 1/2 pounds per 100 gallons of water. Limitations: For less than 16 lbs. per acre rate. Do not apply within 14 days of harvest.

For 16 to 40 lbs. per acre rate - Do not apply within 30 days of harvest.

CORN. Apply 2 lbs. per acre to control European corn borer, armyworm. Do not apply within 14 days of harvest or cutting for forage.

COTTON. Apply 1 to 4 lbs. per acre to control aphids, red spider mite, flea hopper, garden webworm. Do not apply within 7 days of hand picking. Worker entering fields within 24 hours should wear protective clothing.

CUCUMBERS. Apply 1 to 2 lbs. per acre to control aphids, cucumber beetle, climbing cutworms, leafminer, melon worm, pickle worm, serpentine leafminer, spider mite and thrips. Apply 2 lbs. per acre to control leafhoppers and squash bugs. Make no application before vining or within 15 days of harvest on cucumbers. Do not apply to cucurbits unless plants are dry.

CURRANTS. To control aphids use 1 pound per 100 gallons of water. Do not exceed 3 pounds per acre. Do not apply within 30 days of harvest.

EGGPLANT. Apply 1 to 2 lbs. per acre to control aphids, leafminer. Do not apply within 15 days of harvest.

ENDIVE. Apply 1 to 2 lbs. per acre to control aphids. Apply 1 1/2 to 2 lbs. per acre to control leafhoppers. Do not apply within 21 days of harvest.

GRAPES. To control Mealy Bug, Leaf Elder, certain species of Mites and Grape Berry Moth use 2 pounds per 100 gallons of water. Apply before fruit is bunched. Do not apply after harvest.

HOPS. 1 to 2 1/2 lbs. per acre to control red spider mite, aphids. Do not apply within 15 days of harvest.

KALE. Apply 2 lb. per acre to control aphids, armyworm, cabbage looper, flea beetle, diamondback moth, imported cabbageworm, serpentine leafminer, thrip. Do not apply within 10 days of harvest.

LETTUCE. Apply 1 to 2 lbs. per acre to control aphids. Apply 1 1/2 to 2 lbs. per acre to control leafhoppers. Do not apply within 21 days of harvest on leaf lettuce. 7 days of harvest on head lettuce.

MELONS. Apply 1 to 2 lbs. per acre to control aphids, cucumber beetle, climbing cutworms, leafminer, melon worm, pickle worm, serpentine leafminer, spider mite and thrips. Apply 2 lbs. per acre to control leafhoppers and squash bugs. Do not apply within 7 days of harvest of melons. Do not apply to cucurbits unless plants are dry.

MUSTARD GREENS. Apply 2 lb. per acre to control aphids, armyworm, cabbage looper, flea beetle, diamond back moth, imported cabbageworm, serpentine leafminer, thrip. Do not apply within 10 days of harvest.

NECTARINES: To control plum curculio, oriental fruit moth, San Jose scale, fruit tree leafroller, spider mites, cottony peach scale and catfacing insects use 1 to 2 lbs. per 100 gallons of water. For control of green peach aphids use 1/2 to 3/4 lb. per 100 gallons water. Do not exceed 10 lbs. per acre. Do not apply within 21 days of harvest. Do not apply more than once after bloom. Do not apply more than 5 lbs. actual Parathion per acre between January 1 and harvest. Do not apply if bees are located within 1 mile of orchard.

OLIVES: To control parasitoid, oleander and black scales, use 2 1/2 lbs. or 1 lb. with regular oil in spray during June or July. Do not apply later than August 1. Do not exceed 44 lbs. per acre.

ONIONS: To control thrips use 2 pounds in 20 to 50 gallons of water per acre. Do not apply within 15 days of harvest.

ORNAMENTALS: Apply 1 to 2 lbs. per 100 gallons of water to control aphids, whitefly, red spider mites, leafhopper, thrips, lace bug, bagworm, cottony cushion scale, juniper webworms, mealy bug. Repeat as necessary.

PEACHES: To control oriental fruit moth and plum curculio use 1 pound per 100 gallons of water (apply at petal fall and every 10 to 14 days thereafter until control is achieved.) peach tree borer use 1 pound per 100 gallons of water (apply 2 or 3 sprays to trunk from ground to scaffold limbs timed with moth flight) fruit tree leafroller, cottony peach scale, green peach aphid, certain species of mites, shot-hole borer, red-banded leaf rollers, San Jose scale, catfacing insects and lecanium scale (after all eggs have hatched) use 2 pounds per 100 gallons of water. Do not apply more than once after bloom. Do not apply more than 5 pounds actual Parathion per acre between January 1 and harvest. Do not apply within 21 days of harvest.

PEARS: To control blister mites, psylla, aphids and mealy bugs use 1 to 2 pounds per 100 gallons of water. Do not apply within 14 days of harvest. Do not exceed 14 lbs. per acre.

PEAS: Apply 1 to 2 lbs. per acre to control aphids and pea weevil. Apply 2 lbs. per acre to control serpentine leafminer. Do not apply within 10 days of harvest.

PECANS: Aphids, mites - 1 lb. per 100 gals. of water. Apply full coverage spray. Apply at first sign of insects. Repeat as necessary. Do not apply 15 days or after shucks open. Do not exceed 20 lbs. per acre.

PEPPERS: Apply 1 to 2 1/2 lbs. per acre to control aphids, pepper maggot, serpentine leafminer and thrips. Apply 1 1/2 to 2 1/2 lbs. per acre to control flea beetles. Do not apply within 15 days of harvest.

PLUMS: To control the following pests use 1 to 2 pounds per 100 gallons of water. Plum curculio (apply at petal fall and every 10 to 14 days thereafter until control is achieved.) San Jose scale (when crawlers emerge.) twig borer, bud moth, tortrix, thrips, mealy plum louse, leaf rollers, leafhoppers, aphids and certain species of mites. Do not apply within 14 days of harvest. Do not exceed 16 lbs. per acre.

POTATOES: To control Colorado potato beetle, flea beetle, leafhopper, serpentine leafminer, grasshoppers, whitefly, aphids and armyworms use 2 pounds in 20 to 50 gallons of water per acre. Do not apply within 5 days of harvest.

PRUNES: To control the following pests use 1 to 2 pounds per 100 gallons of water. Plum curculio (apply at petal fall and every 10 to 14 days thereafter until control is achieved.) San Jose scale (when crawlers emerge.) twig borer, bud moth, tortrix, thrips, mealy plum louse, leaf rollers, leafhoppers, aphids and certain species of mites. Do not apply within 14 days of harvest. Do not exceed 16 lbs. per acre.

PUMPKINS: Apply 1 to 2 lbs. per acre to control aphids, cucumber beetle, climbing cutworms, leafminer, melon worm, pickle worm, serpentine leafminer, spider mite and thrips. Apply 2 lbs. per acre to control leafhoppers and squash bugs. Do not apply within 10 days of harvest. Do not apply to cucurbits unless plants are dry.

RADISHES: Apply 1 to 2 lbs. per acre to control aphids, leafminer. Do not apply within 15 days of harvest.

SPINACH: Apply within 14 days of harvest.

SQUASH: Apply 1 beetle, climbing cutworm, serpentine leafminer to control leafhoppers. Do not apply within 15 days of harvest.

STRAWBERRIES: 2 to 5 pounds in 20 to 50 gallons of water. Use only if necessary.

SUGAR BEETS: 1 to 2 lbs. per acre. Do not apply within 15 days of harvest.

SWISS CHARD: Apply within 21 days of harvest.

TABBACCO: Apply 1 to 2 lbs. per acre. Do not apply within 15 days of harvest.

TOMATOES: To control leafhopper, serpin and armyworms use 2 pounds per 100 gallons of water. Do not apply within 15 days of harvest.

TURNIPS: Apply 1 to 2 lbs. per acre to control cabbage looper, bagworm, serpin. Do not apply within 15 days of harvest.

WALNUTS: To control blister mites, psylla, aphids and mealy bugs use 1 to 2 pounds per 100 gallons of water. Do not apply within 14 days of harvest. Do not exceed 14 lbs. per acre.

WHEAT, OATS, STINK BUGS, GREEN LEAFHOPPERS, CUT-PLANT BUGS, CHIN GALLS OF WATER, WATER BY AIR.) Do not apply within 15 days of harvest.

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WARRANTY AND COMPANY WARRANTY: Company warranty description on file referred to in the label to the inherent risk makes no other expressed or implied CHANTABILITY, authorized to do this warranty. An shall be limited sequential comm etc.

SN1-1106

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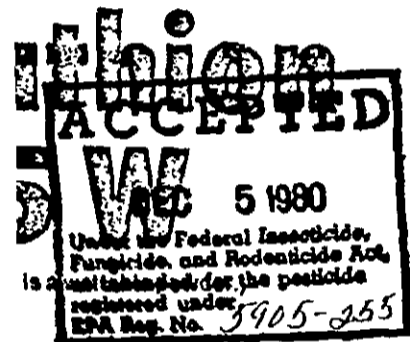
USE PESTICIDE

BY CERTIFIED APPLICATORS OR PERSONS
AND ONLY FOR THOSE USES COVERED BY
INDICATION.

READ BEFORE USING!



BEST DOCUMENT AVAILABLE



	(BY WEIGHT)
nitrophenyl	23.85%
	1.15%
	75.00%
	100.00%

BEST DOCUMENT AVAILABLE



DANGER
Keep Out of
Reach of
Children

PRECAUCIÓN
Listed no lee inglés, no use este
la etiqueta la haya sido explicada
If you cannot read English, do not use
if label has been fully explained to

EPA EST NO.



CITRUS: (Grapefruit, Kumquats, Lemons, Limes, Oranges, Tangelos, Tangerines) To control California Red Scale and Yellow Scale use 2 1/2 lbs. or 1/2 lb. with 1 1/4 to 1 3/4 gallons of light or medium oil emulsion per 100 gallons in a full coverage spray. To control Purple Scale use 1 1/2 lb. or 1/2 lb. with 1 1/4 to 1 3/4 gallons of a light or medium oil emulsion per 100 gallons in a full coverage spray. To control Citricola and Cottony Cushion Scale use 8 lbs. per 100 gallons and 100 gallons per acre or 1/2 lb. per 100 gallons in full coverage spray during August to November; increase dose to 1/2 lb. per 100 gallons in a full coverage spray during February and March and 1 lb. during May and June application. To control Citrus Thrips use 6 lbs. per 100 gallons and 100 gallons per acre or 1 lb. per 100 gallons in a full coverage spray at time of petal fall. Repeat in late summer and early fall to protect new growth and prevent scarring of fruit. To control Aphids, Mealy Bugs and Orangeworms apply 1 1/2 to 2 1/2 pounds per 100 gallons of water. Limitations: For less than 16 lbs. per acre rate - Do not apply within 14 days of harvest.

For 16 to 40 lbs. per acre rate - Do not apply within 30 days of harvest.

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COTTON: Apply 1 to 4 lbs. per acre to control aphids, red spider mite, flea hopper, garden webworm. Do not apply within 7 days of hand picking. Worker, entering fields within 24 hours should wear protective clothing.

CUCUMBERS: Apply 1 to 2 lbs. per acre to control aphids, cucumber beetle, climbing cutworms, leafminer, melon worm, pickle worm, serpentine leafminer, spider mite and thrips. Apply 2 lbs. per acre to control leafhoppers and squash bugs. Make no application before vining or within 15 days of harvest on cucumbers. Do not apply to cucurbits unless plants are dry.

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GRAPES: To control Mealy Bug, Leaf Folder, certain species of Mites and Grape Berry Moth use 2 pounds per 100 gallons of water. Apply before fruit is bunched. Do not apply after harvest.

HOPS: 1 to 2 1/2 lbs. per acre to control red spider mite, aphids. Do not apply within 15 days of harvest.

KALE: Apply 2 lb. per acre to control aphids, armyworm, cabbage looper, flea beetle, diamondback moth, imported cabbageworm, serpentine leafminer, spider mite and thrips. Do not apply within 10 days of harvest.

LETTUCE: Apply 1 to 2 lbs. per acre to control aphids. Apply 1 1/2 to 2 lbs. per acre to control leafhoppers. Do not apply within 21 days of harvest on leaf lettuce. 7 days of harvest on head lettuce.

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MUSTARD GREENS: Apply 2 lb. per acre to control aphids, armyworm, cabbage looper, flea beetle, diamondback moth, imported cabbageworm, serpentine leafminer, thrip. Do not apply within 10 days of harvest.

NECTARINES: To control plum curculio, oriental fruit moth, San Jose scale, fruit tree leafroller, spider mites, cottony peach scale and catfacing insects use 1 to 2 lbs. per 100 gallons of water. For control of green peach aphids use 1/2 to 3/4 lbs. per 100 gallons water. Do not exceed 10 lbs. per acre. Do not apply within 21 days of harvest. Do not apply more than once after bloom. Do not apply more than 5 lbs. actual Parathion per acre between January 1 and harvest. Do not apply if bees are located within 1 mile of orchard.

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ONIONS: To control thrips use 2 pounds in 20 to 50 gallons of water per acre. Do not apply within 15 days of harvest.

ORNAMENTALS: Apply 1 to 2 lbs. per 100 gallons of water to control aphids, whitefly, red spider mites, leafhopper, thrips, lace bug, bagworm, cottony cushion scale, juniper webworms, mealy bug. Repeat as necessary.

PEACHES: To control oriental fruit moth and plum curculio use 1 pound per 100 gallons of water (apply at petal fall and every 10 to 14 days thereafter until control is achieved.) peach tree borer use 1 pound per 100 gallons of water (apply 2 or 3 sprays to trunk from ground to scaffold limbs timed with moth flight) fruit tree leafroller, cottony peach scale, green peach aphid, certain species of mites, shot-hole borer, red-banded leaf rollers, San Jose scale, catfacing insects and lecanium scale (after all eggs have hatched) use 2 pounds per 100 gallons of water. Do not apply more than once after bloom. Do not apply more than 5 pounds actual Parathion per acre between January 1 and harvest. Do not apply within 21 days of harvest.

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PECANS: Aphids, mites - 1 lb. per 100 gals. of water. Apply full coverage spray. Apply at first sign of insects. Repeat as necessary. Do not apply 15 days or after shucks open. Do not exceed 20 lbs. per acre.

PEPPERS: Apply 1 to 2 1/2 lbs. per acre to control aphids, pepper maggot, serpentine leafminer and thrips. Apply 1 1/2 to 2 1/2 lbs. per acre to control flea beetles. Do not apply within 15 days of harvest.

PLUMS: To control the following pests use 1 to 2 pounds per 100 gallons of water. Plum curculio (apply at petal fall and every 10 to 14 days thereafter until control is achieved.) San Jose scale (when crawlers emerge.) twig borer, bud moth, tortrix, thrips, mealy plum louse, leaf rollers, leafhoppers, aphids and certain species of mites. Do not apply within 14 days of harvest. Do not exceed 16 lbs. per acre.

POTATOES: To control Colorado potato beetle, flea beetle, leafhopper, serpentine leafminer, grasshoppers, whitefly, aphids and armyworms use 2 pounds in 20 to 50 gallons of water per acre. Do not apply within 5 days of harvest.

PRUNES: To control the following pests use 1 to 2 pounds per 100 gallons of water. Plum curculio (apply at petal fall and every 10 to 14 days thereafter until control is achieved.) San Jose scale (when crawlers emerge.) twig borer, bud moth, tortrix, thrips, mealy plum louse, leaf rollers, leafhoppers, aphids and certain species of mites. Do not apply within 14 days of harvest. Do not exceed 16 lbs. per acre.

PUMPKINS: Apply 1 to 2 lbs. per acre to control aphids, cucumber beetle, climbing cutworms, leafminer, melon worm, pickle worm, serpentine leafminer, spider mite and thrips. Apply 2 lbs. per acre to control leafhoppers and squash bugs. Do not apply within 10 days of harvest. Do not apply to cucurbits unless plants are dry.

RADISHES: Apply 1 to 2 lbs. per acre to control aphids, leafminer. Do not apply within 15 days of harvest.

SPINACH: Apply 2 lbs. per acre to control aphids. Do not apply within 14 days of harvest.

SQUASH: Apply 1 to 2 lbs. per acre to control aphids, cucumber beetle, climbing cutworms, leafminer, melon worm, pickle worm, serpentine leafminer, spider mite and thrips. Apply 2 lbs. per acre to control leafhoppers and squash bugs. Do not apply within 15 days of harvest. Do not apply to cucurbits unless plants are dry.

STRAWBERRIES: To control leafroller and red spider mite use 2 pounds in 20 to 50 gallons of water per acre. Repeat at 7 to 10 days intervals. Use only before fruit set or after harvest.

SUGAR BEETS: Apply 2 to 2 1/2 lbs. per acre to control aphids, webworms. Do not apply within 15 days of harvest.

SWISS CHARD: Apply 2 lbs. per acre to control aphids. Do not apply within 21 days of harvest.

TOBACCO: Aphids, stink bugs, tobacco suckflies - 1 lb. per 100 gals. of water. Do not apply within 5 days of priming or 15 days of cutting. Avoid plant juices coming in contact with the skin or other parts of the body of those engaged in cutting the crop (5 days.)

TOMATOES: To control Colorado potato beetle, flea beetle, leafhopper, serpentine leafminer, grasshoppers, whitefly, aphids and armyworms use 2 pounds in 20 to 50 gallons of water per acre. Do not apply within 10 days of harvest.

TURNIPS: Apply 2 pounds per acre to control aphids, armyworms, cabbage looper, flea beetle, diamondback moth, imported cabbageworm, serpentine leafminer and thrips. Do not apply within 10 days of harvest.

WALNUTS: To control aphids, husk fly, red spider and scale use 1 to 2 pounds per 100 gallons of water. Do not exceed 20 pounds per acre. Repeat at 7 to 10 days for red spider. Do not apply after husks open. Do not exceed 40 pounds per acre. **DORMANT SPRAYS:** For use as a dormant or delayed-dormant spray on deciduous fruit trees to control aphid and spider mite eggs and scale use at the rate of 1 to 2 pounds per 100 gallons of water with the addition of the correct amount of appropriate oil. Check with the Cooperative Agriculture Extension Service for the proper recommendations.

WHEAT, OATS, BARLEY: Aphids, armyworms, black grass bug, stink bugs, greenbugs, winter grain mites, thrips, spider mites, leafhoppers, cutworms, grasshoppers, brown wheat mites, Say's plant bugs, chinch bugs, false chinch bugs - 1 pound per 100 gallons of water. (Concentrate purposes - 1 pound in 2 gallons of water by air.) Do not apply within 15 days of harvest.

BEST DOCUMENT AVAILABLE

WARRANTY AND LIMITATION OF DAMAGES. Helena Chemical Company warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use and Conditions of Sale, subject to the inherent risks referred to therein. Helena Chemical Company makes no other expressed or implied warranty, including any other expressed or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of Helena Chemical Company is authorized to do so except in writing with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or value, etc.

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PARATHION MIXTURE DRY

NET CONTENTS: