

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

POISON
See Side Panels
for Antidote &
Precautions



DANGER
Keep Out of
Reach of
Children

HELENA

7.5 LB.

Methyl Parathion

EMULSIFIABLE INSECTICIDE CONCENTRATE

ACTIVE INGREDIENT	7.5 lb.
INERT INGREDIENT	22.5 lb.
TOTAL	30.0 lb.

PRECAUTIONS

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.)

NOT FOR HOME USE

HELENA

Manufactured by
HELENA CHEMICAL COMPANY
Memphis, TN 38137

For mid season control, apply at the start of squaring or after 10 to 25% of the first squares are punctured and repeat at 3 to 8 day intervals as needed or until the top bolls are full grown. Repeat at 3 day intervals during the major fruiting season and periods of heavy weevil migration.) Saltmarsh Caterpillars, Stink Bugs and Leafrollers - 1 pint per acre (Do not apply within 7 days of harvest or handpicking.) Bollworms - 1 to 3 pints per acre (Do not apply within 7 days of harvest or handpicking.) Armyworms - 1 to 2 pints per acre (Do not apply within 7 days of harvest or handpicking.) Workers entering fields within 24 hours after application should wear protective clothing.)

CUCUMBERS: Aphids and Spider Mites (including Two-spotted and Desert Spider Mite) - 1/2 pint per acre (Do not apply before vining. Do not apply within 15 days of harvest.)

GOOSEBERRIES: Aphids - 1/8 to 1/2 pint per acre (Do not apply within 15 days of harvest.)

GRAPES: Aphids, Grape Leafhopper and Grape Leafhoppers - 1/2 to 1 pint per acre (per 100 gals. of water) (Do not apply within 14 days of harvest.) Mites and Thrips - 1/2 pint per acre (Do not apply within 14 days of harvest.)

GRASS (Hay Pasture): Armyworms (to 3rd instar), Black Grass Bugs (including tribus), False Chinch Bugs, Grasshoppers and Leafhoppers - 1/2 pint per acre (Do not apply within 15 days of harvest.)

HOPS: Aphids, Armyworms, Leafhoppers and Mites - 1/2 to 1 pint per acre (Do not apply within 15 days of harvest.)

KALE AND MUSTARD GREENS: Aphids and Armyworms - 1/2 to 1 pint per acre. Flea Beetles, Leafhoppers and Mites - 1/2 to 1 pint per acre. Imported Cabbageworms, Cabbage Looper and Stink Bugs - 1 to 1 1/2 pints per acre. Plant Bugs - 1/2 pint per acre. Do not apply within 10 days of harvest through 1/2 pint per acre. Do not apply within 21 days of harvest from 1/2 pint per acre.

KOHLRABI: Aphids and Armyworms - 1/2 to 1 pint per acre (Do not apply within 7 days of harvest through 1/2 pint per acre. Do not apply within 21 days of harvest from 1/2 pint per acre.) Flea Beetles, Leafhoppers and Mites - 1/2 to 1 pint per acre (Do not apply within 7 days of harvest through 1/2 pint per acre. Do not apply within 21 days of harvest from 1/2 pint per acre.) Imported Cabbageworms, Cabbage Looper and Stink Bugs - 1 to 1 1/2 pints per acre (Do not apply within 21 days of harvest from 1/2 pint per acre. Do not apply within 21 days of harvest from 1/2 pint per acre.) Plant Bugs - 1/2 pint per acre (Do not apply within 21 days of harvest from 1/2 pint per acre.)

LETTUCE: Aphids, Armyworms, Flea Beetles, Imported Cabbageworms, Leafhoppers and Mites - 1/2 to 1 pint per acre. Do not apply within 21 days of harvest. Cabbage Looper and Plant Bugs - 1 pint per acre. Do not apply within 21 days of harvest.

MUSTARD GREENS: See Kale and Mustard Greens

OATS AND RYE: Brown Wheat Mites - 1/8 to 1/2 pint per acre. Do not apply within 15 days of harvest from 1/2 pint through 1/2 pint. Aphids (including Green bug) and Black Grass Bugs (including tribus) - 1/8 to 1/2 pint per acre (Do not apply within 15 days of harvest from 1/2 pint through 1/2 pint.) Barley Thrips - 1/2 to 1 pint per acre. Do not apply within 15 days of harvest from 1/2 pint through 1/2 pint. Leafhoppers - 1/2 to 1 pint per acre. Do not apply within 15 days of harvest from 1/2 pint through 1/2 pint. Armyworm (to 3rd instar) and Wintergrain Mites - 1/2 to 1 pint per acre (Do not apply within 15 days of harvest from 1/2 pint through 1/2 pint.) Climbing Cutworms - 3/8 to 1/2 pint per acre. Do not apply within 15 days of harvest from 1/2 pint through 1/2 pint. Chinch Bugs, False Chinch Bugs and Say Stink Bugs - 1/2 pint per acre (Do not apply within 15 days of harvest from 1/2 pint through 1/2 pint.) Stink Bugs - 1/2 to 1/2 pint per acre (Do not apply within 15 days of harvest from 1/2 pint through 1/2 pint.)

ONIONS: Aphids, Flea Beetles, Leafhoppers and Mites - 1/2 to 1 pint per acre. Do not apply within 15 days of harvest.

PASTURE: Irrigated. Refer also to grass. Mites, grasshoppers, etc. Do not apply within 7 days of harvest.

PEACHES: Aphids, Pear, Green Peach Aphid and Mealy Pear Aphid - 1/2 to 1 pint per acre (Do not apply within 14 days of harvest. Apply this treatment only after the fruit has been treated with a systemic insecticide.) Oriental Fruit Moth, Peachtree Borer and Plum Curculio - 1/2 to 1 pint per acre (per 100 gals. of water). Apply at petal fall and every 10 to 14 days thereafter until the fruit is harvested. Make applications during appearance of the moths in early to late summer. Apply 2 to 3 sprays at petal fall and every 10 to 14 days thereafter until control is achieved.

PEANUTS: Aphids, Flea Beetles, Caterpillars and Stink Bugs - 1/2 to 1 pint per acre. Do not apply within 15 days of harvest.

PEAS: Aphids, Armyworms, Flea Beetles, Leafhoppers and Mites - 1/2 to 1 pint per acre (Do not apply within 15 days of harvest.) Cutworms (including Climbing and Surface feeding species), Cabbage Looper and Plant Bugs - 1 pint per acre (Do not apply within 15 days of harvest.)

PEARS: Aphids - 1/8 to 1/2 pint per 100 gallons of water (apply with a 5 day interval). European Red Mite - 1/8 pint per 100 gallons of water (apply twice with a 5 day interval). Preharvest interval is 14 days.

PEPPERS: Aphids, Armyworms, Flea Beetles, Leafhoppers and Mites - 1/2 to 1 pint per acre (Do not apply within 15 days of harvest.) Cutworms (including Climbing and Surface feeding species), Cabbage Looper and Plant Bugs - 1 pint per acre (Do not apply within 15 days of harvest.)

PLUMS: European Red Mites - 1/8 to 1/2 pint per acre (per 100 gals. of water) (Do not apply within 14 days of harvest. Apply in early cover treatments or twice with a 5-day interval.) Aphids - 1/8 to 1 pint per acre (per 100 gals. of water) (Do not apply within 14 days of harvest. Apply in early cover treatments or twice with a 5-day interval.) Oriental Fruit Moth, Peachtree Borer and Plum Curculio - 1/2 to 1 pint per acre (per 100 gals. of water) (Do not apply within 14 days of harvest.) (For Peachtree Borers - Make applications during appearance of the moths in early to late summer. Apply 2 to 3 sprays to trunk from ground to scaffold limbs timed with moth flight.) (For Oriental Fruit Moths and Plum Curculio - Apply at petal fall and every 10 to 14 days thereafter until control is achieved.)

POTATOES: Aphids and Flea Beetles - 1/2 to 1 pint per acre (Do not apply within 5 days of harvest.) Armyworms, Leafhoppers and Mites - 1/2 to 1 pint per acre (Do not apply within 5 days of harvest.) False Chinch Bugs, Cabbage Looper, Plant Bugs (including Lygus Bugs) and Stink Bugs - 1/2 pints per acre (Do not apply within 5 days of harvest.)

PRUNES: European Red Mites - 1/8 to 1/2 pint per acre (per 100 gals. of water) (Do not apply within 14 days of harvest. Apply in early cover treatments or twice with a 5 day interval.) Aphids - 1/8 to 1 pint per acre (per 100 gals. of water) (Do not apply within 14 days of harvest. Apply in early cover treatments or twice with a 5 day interval.) Oriental Fruit Moth, Peachtree Borer and Plum Curculio - 1/2 to 1 pint per acre (per 100 gals. of water) (Do not apply within 14 days of harvest.) (For Oriental Fruit Moth and Plum Curculio - Apply at petal fall and every 10 to 14 days thereafter until control is achieved.) (For Peachtree Borer - Make applications during appearance of the moths in early to late summer. Apply 2 to 3 sprays to trunk from ground to scaffold limbs timed with moth flight.)

RICE: Rice Stink Bugs - 1/2 to 1/2 pint per acre (Do not apply within 15 days of harvest.) Armyworms - 1/2 to 1/2 pint per acre (Do not apply within 15 days of harvest.) Crabs, crayfish and shrimp may be killed. Do not apply where they are important resources. Rice Leafminer and Tadpole Shrimp - 1/2 pint per acre (Use restricted to California. Apply at first sign of infestation after planting. Apply by air in 5 to 10 gals. of water. Restrict spill from rice fields for 3 days. Do not use within 14 days of application of 3,4-dichloropropionanilide as injury may result.)

RUTABAGAS: Aphids, Armyworms, Flea Beetles, Leafhopper, and Mites - 1/2 to 1 pint per acre. Imported Cabbageworms and Cabbage Looper - 1 to 1 1/2 pints per acre. Plant Bugs - 1/2 pints per acre. Preharvest interval is 7 days when applying 1/2 pint per acre and 21 days from 1/2 pint through 1/2 pints per acre.

RYE: See Oats and Rye

SAFFLOWER: Aphids and Lygus Bugs - 1/2 pint per acre (Do not apply after flowering through 1/2 pint per acre)

SORGHUM: Corn leaf Aphids and Spider Mites - 1 pint per acre. Do not apply within 21 days of harvest. Leaf injury may occur on some hybrid 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. Sorghum Midges - 1/2 to 1 pint per acre. Do not apply within 21 days of harvest. Leaf injury may occur on some hybrid 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. Apply when approximately 90% of the heads have completely emerged from the boot or not later than the start of flowering. Greenbug Aphid - 1/2 pint per acre. Do not apply within 21 days of harvest. Leaf injury may occur on some hybrid 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. Aphids - 1 pint per acre. Do not apply within 21 days of harvest. Leaf injury may occur on some hybrid 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: Aphids, Green Soybean Aphid, Soybean Leafhopper and Soybean Mite - 1/2 to 1 pint per acre (Do not apply within 14 days of harvest. Apply this treatment only after the fruit has been treated with a systemic insecticide.) Oriental Fruit Moth, Peachtree Borer and Plum Curculio - 1/2 to 1 pint per acre (per 100 gals. of water). Apply at petal fall and every 10 to 14 days thereafter until the fruit is harvested. Make applications during appearance of the moths in early to late summer. Apply 2 to 3 sprays at petal fall and every 10 to 14 days thereafter until control is achieved.

SPINACH: Aphids, Armyworms, Mites and Seedcorn Maggot (in crown) - 1/2 to 1 pint per acre. Cabbage Looper and Plant Bugs - 1 pint per acre. Preharvest interval is 14 days when applying through 1/2 pint per acre and 21 days when applying from 1/2 through 1 pint per acre.

STRAWBERRIES: Aphids - 1/8 to 1/2 pint per acre (per 100 gals. of water) (Do not apply within 14 days of harvest.) Mites - 1/8 to 1/2 pint per acre (per 100 gals. of water) (Do not apply within 14 days of harvest.)

SUGAR BEETS: Aphids, Flea Beetles, Leafhoppers and Mites - 1/2 to 1 pint per acre (Do not apply within 15 days of harvest.) Cutworms (including Climbing and Surface feeding species), Cabbage Looper and Plant Bugs - 1 pint per acre (Do not apply within 15 days of harvest.)

SUNFLOWERS: Aphids, Armyworms, Flea Beetles, Leafhoppers and Mites - 1/2 to 1 pint per acre (Do not apply within 15 days of harvest.) Cutworms (including Climbing and Surface feeding species), Cabbage Looper and Plant Bugs - 1 pint per acre (Do not apply within 15 days of harvest.)

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TOMATOES: Aphids and Armyworms - 1 to 1 pint per acre. Leafhoppers and Mites - 1 to 1 pint per acre. Tomato Russet Mite - 1/8 to 1/2 pint per acre. Cabbage looper - 1 to 1 and 1/2 pints per acre. Potato Psyllid - 1 to 1 and 1/2 pints per acre. Plant Bugs - 1 pint per acre. Preharvest interval of 10 days when applying through 1/2 pint per acre and 15 days when applying from 1/2 through 1 1/2 pints per acre.

VETCH: Aphids Alfalfa Weevil (larvae) Leafhoppers and Mites ' 1/2 to 1 pint per acre (For Alfalfa Weevil larvae apply when 75% of terminals show feeding when buds and shoots appear ragged or when the larvae count reaches 25 per sweep) Armyworm ' 1/2 to 1 pint per acre Climbing Cutworms Lygus Bugs and Vetch Bruchids ' 1/2 pint per acre. Pre-harvest interval is 15 days when applying through 1 pint per acre and 30 days when applying from 1 pint through 1 1/2 pints per acre.

WHEAT: Brown Wheat Mites 1.0 to 1.5 pint per acre (Do not apply within 15 days of harvest from 1/2 pint through 1.5 pint)
Aphids (including Greenbug) 1.0 to 1.5 pint (Barley Yellow 1/2 to 1 pint per acre (Do not apply within 15 days of harvest from 1/2 pint through 1.5 pint) Leafhoppers 1/2 to 1.5 pint per acre (Do not apply within 15 days of harvest from 1/2 pint through 1.5 pint) Armyworms (to 3rd instar) Wintergrain Mites and Stink Bugs 1/2 to 1.5 pint per acre (Do not apply within 15 days of harvest from 1/2 pint through 1.5 pint)
Climbing Cutworms 3.0 to 1.5 pint per acre (Do not apply within 15 days of harvest from 1/2 pint through 1.5 pint)
Bugs False Chinch Bugs and Say Stink Bugs 1/2 to 1.5 pint per acre (Do not apply within 15 days of harvest from 1/2 pint through 1.5 pint)

ORNAMENTALS: W. J. Shrub Trees and W. J. Christmas
Tree Plantation Free European Tree Shrub and
Plantation Free Tip Shrub 1/2 per acre Apples 1/2 per
gallons of water.

PINE FORESTS Europe: Pine stands in the mountains, but Pine
Tup. Moth is a pest. Adults in 50-60% of the forest.

BEST DOCUMENT AVAILABLE

AMERICAN ABILITY BUSINESS

METHYL PARATHION MIXTURE LIQUID
EPA Reg. No. 5925-414 EPA Act. No.

54-2925-1000

NET CONTAINS

U S GALLONS

