

ACCEPTED



UNDER THE FEDERAL INSECTICIDE ACT

#476-762 (R)

CYTHON 25-WP

PREMIUM GRADE MALATHION AGRICULTURAL INSECTICIDE A WETTABLE POWDER

CONTAINS
CYTHON
THE PREMIUM GRADE MALATHION

ACTIVE INGREDIENT:
Malathion (O,O-dimethyl dithiophosphate of diethyl-mercaptosuccinate)

INERT INGREDIENTS:

25%
75%
100%

CAUTION

HARMFUL IF SWALLOWED.

Avoid breathing dust or spray mist.
Avoid contact with skin.
Wash thoroughly after using.
Avoid contamination of feed and food.

NOTE TO PHYSICIAN: Malathion, upon repeated careless use, may cause cholinesterase inhibition. ATROPINE IS ANTIDOTAL. 2-PAM is also antidotal when administered in conjunction with atropine.

Keep Out of Reach of Children

OBSERVE THE FOLLOWING PRECAUTIONS

Read all label directions before using.

Use only for claims listed and only as specified on the label. This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

In order that pesticide residues on food and forage crops will not exceed tolerances established by the 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. Consult State Agricultural Extension Service or State Agricultural Experiment Stations for additional information, as the timing, number, and rate of applications needed will vary with local conditions.

FISH CAUTIONS: This product is toxic to fish. Keep out of lakes, streams and ponds. Do not contaminate any body of water, by direct application, cleaning of equipment or disposal of wastes and containers.

DIRECTIONS FOR USE

Measure the specified amount of this product then wash through filter screen in nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. Do not allow mixture to stand. Do not use in low volume gear-type spray equipment. Do not combine with emulsifiable liquids unless previous use of the mixture has proven physically compatible and safe to plants. Emulsifiable concentrates should **always** be thoroughly emulsified with at least half of total water before adding this product.

SUGGESTED WATER RATES FOR AIRCRAFT AND GROUND APPLICATION. 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	4-20	10-12 1/2
Orchard, grapes	1-2 1/2	10-12 1/2
Orchard crops, see exception below		40-800
Citrus		50-1000
Grapes		100-200

BURY WASTE AND EMPTY CONTAINER IN A SAFE PLACE

LBS. NET

EPA Reg. No. 476-762-AA

Made in U.S.A. by

STAUFFER CHEMICAL COMPANY

NEW YORK, NY 10017

RECOMMENDATIONS

MAXIMUM PERMISSIBLE RATE, expressed as CYTHON 25-WP per acre is given in parenthesis, () after each crop claim.

VEGETABLE, FIELD AND FORAGE CROPS

Rates are given in pounds of CYTHON 25-WP per acre for use in sufficient water to provide thorough coverage. Also read directions for use.

ALFALFA: Armyworm, cutworm, Mexican wireworm, grasshopper, when larvae are small. Do not apply to alfalfa in bloom. May be applied up to 10 days after harvest. (8 lb.)

BEANS (Lima, Green, Snap, Navy, Red Kidney, Wax, Co. Beans, Black-eyed Peas): Aphids, cucumber beetle, Japanese beetle, Flea beetle, Mexican wireworm, grasshopper, cutworm. Do not apply within 10 days of harvest. (8 lb.)

CARROTS: Aphids, leafhopper, flea beetle. Do not apply within 7 days of harvest. (8 lb.)

CLOVER: Aphids, grasshoppers, leafhoppers, mites. Do not apply within 7 days of harvest. (8 lb.)

COLE CROPS (Broccoli, Brussels sprouts, Cabbage, Collards, Dandelions, Kale, Kohlrabi, Mustard Greens, Parsley, Swiss Chard, Turnips, Water-Cress): Aphids — 2 lb. Caterpillars on broccoli, brussels sprouts, cauliflower and collards — 5 lb. Flea beetles on mustard greens — 4 to 5 lb. Do not apply within 3 days of harvest for broccoli and turnips; 21 days for parsley; 7 days for all others; 14 lb. for kohlrabi, parsley and swiss chard; 12 lb. for turnips; 10 lb. for all others.

CUCUMBERS: Cucumber beetle, 7 lb. Fleckworms — 6 lb. Do not apply unless plants are dry. Do not apply within 1 day of harvest. (7 lb.)

EGGPLANT: Aphids, spider mites — 2 lb. Do not apply within 3 days of harvest. (14 lb.)

ENDIVE (Escarole): Aphids, mites — 2 lb. Do not apply within 7 days of harvest. (8 lb.)

GARLIC, LEEKS, SHALLOTS: Aphids, thrip — 4 lbs. Do not apply within 3 days of harvest. (8 lb.)

GRAIN CROPS (Barley, Corn, Oats, Rye, Wheat): Cereal leaf beetle — 3 to 4 lb. Do not apply within 5 days of harvest for corn; 7 days for all others. (Corn — 4 lb. others 5 lb.)

LETTUCE: Aphids, leafhoppers — 5 lb. Do not apply within 7 days of harvest for head lettuce; 14 days for leaf lettuce. (8 lb.)

ONIONS: Onion maggot — 6 lb. Thrips — 4 lb. Do not apply within 9 days of harvest on green onions. May be applied up to day of harvest on other onions. (8 lbs.)

PEPPERS: Aphids — 2 lb. Pepper maggot — 3 lb. Do not apply within 3 days of harvest. (6 lb.)

POTATOES: Aphids, leafhoppers — 2 1/2 lb. False chinch bug — 4 lb. May be applied up to day of harvest. (12 lb.)

PUMPKINS: Squash and vine borer — 7 lb. Do not apply unless plants are dry. Do not apply within 3 days of harvest. (8 lb.)

SOYBEANS: Mexican bean beetle — 2 lb. Flea beetle — 4 lb. May be applied up to day of harvest. (8 lb.)

SQUASH: Cucumber beetles, squash vine borers — 7 lb. Do not apply unless plants are dry. Do not apply within 1 day of harvest. (7 lb.)

SUGAR BEETS: Aphids, spider mites — 5 lb. Grasshoppers — 8 lb. Do not apply within 7 days of harvest. (8 lb.)

SWEET POTATOES: Leafhopper — 2 lb. Do not apply within 7 days of harvest. (7 lb.)

TOMATOES: Aphids, spider mites, flea beetle, Mexican wireworm, cutworm, russet mite — 2 to 3 lb. Drosophila — 2 lb. Do not apply within 3 days of harvest. (8 lb.)

FRUIT AND NUT CROPS
Unless otherwise specified, rates are given in pounds of CYTHON 25-WP per acre for use in sufficient water to provide thorough coverage. Also read directions for use.

FRUITS

APPLES (Dormant and Delayed Dormant Sprays): Aphids, green apple, rosy apple, leaf miner, yellow necked caterpillar, leaf roller — 2 lb. plus 1 gal. Superior Oil per 100 gal. of water. Make full coverage sprays only. (Forbes and Putnam and San Jose) — 3 lb. plus 1 gal. Superior Oil. Make full coverage sprays only. (60 lb.)

Bud moth, green apple aphid, rosy apple aphid, leafhoppers, unspotted tentiform leaf miner and yellow necked caterpillars — 2 lb. rosy apple aphid, mealy bug, Forbes scale — 2 1/2 lb. Putnam and San Jose scales — 2 to 2 1/2 lb. per 100 gal. tent caterpillars — 2 1/2 to 3 lb. bugworms — 4 lb. May injure foliage in some varieties. Do not apply within 4 days of harvest. (60 lb.)

APRICOTS: Aphids, codling moth, orange tortrix, soft brown scale and terrapin scale — 4 lb. Do not apply within 7 days of harvest. (40 lb.)

AVOCADOS: Greenhouse thrips, omnivorous looper, orange tortrix and scales (Latania, soft brown) — 3 lb. Do not apply within 7 days of harvest. (36 lb.)

CHERRIES (Dormant and Delayed Dormant Sprays): Aphids and scales — 2 lb. plus 1 gal. Superior Oil per 100 gal. of water, or 3 lb. plus 2 gal. Superior Oil per 100 gal. of water. Make full coverage sprays only. (32 lb.)

Black cherry aphid, bud moth, cherry fruit fly — 2 lb. scales Forbes and San Jose — 2 to 2 1/2 lb.; lesser peach tree borer — 4 lb. Injury may occur in certain varieties of sweet cherries particularly in the Northwest. Do not apply within 3 days of harvest. (32 lb.)

CITRUS (Grapefruit, Lemons, Limes, Oranges, Tangerines, Tangelos, Kumquats): Scales (Black, single and on-brood, California, Citricola, purple, soft and yellow) — 2 1/2 to 3 1/2 lb. Scales (Florida red and purple) — light and medium infestations: — 3 to 5 lb. Consult local spray schedules for recommended volumes of spray per acre. Green citrus aphid, thrips — 1 to 2 lb. Do not apply within 7 days of harvest. Mediterranean fruit fly — 2 to 3 lb. per acre. Add 1 lb. of yeast hydrolyzate or 1 qt. of sauce base No. 2. Do not apply within 3 days of harvest. Make no applications when trees are in bloom. (100 lb.)

GRAPES: Leafhoppers — 1 to 1 1/2 lb.; Japanese beetle — 2 lb. Injury may occur on grapes of Ribier, Italia, Cardinal and Almeria varieties when applied after clusters appear. Do not apply within 3 days of harvest. (11 lb.)

NECTARINES: Mites — 2 1/2 lb.; Parlatoria scale — 2 lb. plus 1 gal. light-medium oil (caution apply this mixture only in petal fall period); plum curculio — 3 lb. May cause fruit splitting. Do not apply within 7 days of harvest. (40 lb.)

PEACHES (Dormant and Delayed Dormant Sprays): Aphids — 2 lb. plus 1 gal. Superior Oil; peach twig borer and scale insects — 3 lb. plus 2 gal. Superior Oil. Make full coverage sprays only. (36 lb.)

Aphids (black cherry, black peach, green peach and rusty plum), Japanese beetle — 2 lb. Mites (European red, two-spotted) and scales (cottony peach, terrapin) — 2 to 2 1/2 lb. Oriental fruit moth and plum curculio — 3 lb. Lesser peach tree borer — 4 lb. Do not apply within 7 days of harvest. (36 lb.)

PEARS (Dormant and Delayed Dormant Sprays): Aphids, leaf rollers and pear psylla — 2 lb. plus 1 gal. Superior Oil; scale insects — 3 lb. plus 2 gal. Superior Oil. Make full coverage sprays only. (60 lb.)

Aphids (apple, apple grain) — 2 lb.; mealybug, mites, pear psylla and scales (Forbes and San Jose) — 2 to 2 1/2 lb.; codling moth, fruit tree leaf roller, plum curculio and red-banded leaf roller — 3 lb. Do not apply within 1 day of harvest. (60 lb.)

PLUMS AND PRUNES (Dormant and Delayed Dormant Sprays): Aphids — 2 lb. plus 1 gal. Superior Oil; scales insects — 3 lb. plus 2 gal. Superior Oil. Make full coverage sprays only. (40 lb.)

Mealy plum aphid — 1 lb. bud moth (prunes only) — 2 lb. mites (European red and two-spotted) — 2 to 3 lb.; lesser peach tree borer — 4 lb. Do not apply within 3 days of harvest. (40 lb.)

RASPBERRIES (Blackberries, Boysenberries, Dewberries, Loganberries and Raspberries): Mites, thrips — 2 lb.; Japanese beetle — 4 lb.; aphids and rose scale — 7 lb.; sap beetle on raspberries — 4 to 5 lb. Do not apply within 1 day of harvest. (18 lb. for raspberries; 16 lb. for all others)

STRAWBERRIES: Aphids, spider mites — 2 1/2 lb.; potato leafhopper, strawberry leaf roller and whiteflies — 4 to 6 lb.; field crickets, lygus bug, spittlebugs and thrips — 4 to 8 lbs.; strawberry root weevil — 4 to 6 lb. Apply to soil surface before planting and work into top 6 to 8 inches. Do not apply within 3 days of harvest. (8 lb.)

NUTS

ALMONDS: Aphids — 2 to 2 1/2 lb.; peach twig borer — 3 to 4 lb. Do not apply more than 8 lb. active ingredient per acre. May be applied up to day of harvest. (32 lb.)

WALNUTS: Aphids, mites — 4 to 8 lb. per 400 gal. per acre by conventional type equipment; 2 to 1 lb. per 100 gal. by Conventional High Pressure Spray Equipment. Walnut husk fly — 8 to 10 lb. per 500 gal. per acre by Air Carrier Type Equipment; 1 to 1 1/2 lb. per 100 gal. by Conventional High Pressure Spray Equipment. May be applied up to day of harvest. (50 lb.)

NOTICE: Stauffer Chemical Company makes no warranty, 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.