

METHYL PARATHION 25%

WETTABLE POWDER

FOR CONTROLLING CERTAIN INSECTS ON FIELD, FORAGE, FRUIT AND VEGETABLE CROPS

ACTIVE INGREDIENTS:

*O, O-dimethyl O-p-~~chlorophenyl~~ ^{phosphorothioate} 25.0%

INERT INGREDIENTS 75.0%

100.0% *Equivalent to .25 lbs. of 100% methyl parathion per pound.

(RED COLOR)



METHYL PARATHION FIRST AID

ATROPINE IS AN ANTIDOTE—CONSULT PHYSICIAN FOR EMERGENCY SUPPLY

CALL A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED METHYL PARATHION POISONING

If symptoms or signs of poisoning include blurred vision, abdominal cramps, and tightness in the chest, do not wait for a doctor but give two atropine tablets (each 1/100 gr.) at once.

Move patient immediately from the area where methyl parathion is present.

Remove contaminated clothing and wash the skin clean with plenty of soap and water to remove all traces of methyl parathion. If swallowed, induce vomiting by giving salty or soapy warm water.

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON

Physician's Note: This product is a cholinesterase inhibitor. Warning symptoms include weakness, headache, tightness in the chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.

Treatment: Give atropine, preferably by injection, grains 1/100 three or more tablets at once and parenterally or orally every hour until pupils dilate. Thirty or more tablets may be required in 24 hours. Never give morphine. Clear chest by postural drainage. Artificial respiration or oxygen administration may be necessary. Observe patient continuously 48 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until time for cholinesterase regeneration has been allowed as determined by blood tests.

DANGER! POISONOUS BY SKIN CONTACT, INHALATION, OR SWALLOWING

RAPIDLY ABSORBED THROUGH SKIN

REPEATED EXPOSURE MAY, WITHOUT SYMPTOMS, BE INCREASINGLY HAZARDOUS

DO NOT GET ON SKIN, IN EYES, ON CLOTHING.

Wear clean heavy rubber gloves and goggles. Wear clean waterproof or freshly-laundered protective clothing (coveralls, rubber boots, cap, etc.). Destroy and replace gloves frequently.

Wash thoroughly with soap and warm water before eating or smoking.

Bathe immediately after work and change all clothing. Wash clothing thoroughly with soap and hot water before re-use.

In case of contact, immediately remove contaminated clothing and wash skin thoroughly with soap and water; for eyes, flush with water for 15 minutes.

DO NOT BREATHE DUST, VAPOR, OR SPRAY MIST.

Wear mask or respirator of a type passed by the U. S. Department of Agriculture for methyl parathion protection. Airplane pilots should wear full-face canister-type mask.

If handled indoors, provide mechanical exhaust ventilation.

Do not apply or allow drift to areas occupied by unprotected humans or beneficial animals.

DO NOT STORE NEAR FOOD OR FEED PRODUCTS.

Keep out of reach of children and domestic animals.

Bury spillage; clean up area with strong lye solution. Burn or bury containers; never re-use. Stay out of smoke when burning containers.

MONSANTO CHEMICAL COMPANY AGRICULTURAL CHEMICALS DIVISION ST. LOUIS, MO., U.S.A.

DIRECTIONS FOR USE

Be sure to read the precautionary statements before use.

Monsanto Methyl Parathion 25% Wettable Powder is effective for control of such pests as aphids, armyworms, caterpillars, loopers, mites, plant bugs and various insects on vegetable crops. It is effective for control of apple maggot, plum curculio, oriental fruit moth, leaf roller, and leppers attacking various fruits.

This product is designed for application after dilution with water to the spray tank while filling with water, either by means of a tank agitator or pump by-pass. For best results, cover all surfaces to be treated with spray. Rainfall should be considered general. Consult competent authorities for specific recommendations regarding application of sprays.

VEGETABLES

Do not apply at rates indicated to potatoes or sweet potatoes before harvest; to artichoke, beans (dry), beets (red), cabbages, peppers, tomatoes and turnips closer than 15 days before harvest; to beans (green), broccoli, Brussel sprouts, cabbage, cauliflower, collards, mustard, rutabagas and spinach closer than 21 days before harvest. If crops of beets, carrots or turnips are to be used as food between last treatment and harvest should be increased to 14 days.

Use for control of aphids, armyworms, fleabeetles, leafhoppers, caterpillars, loopers, mites and plant bugs on sweet potatoes 2 to 3 lbs. per acre; on artichoke, beets (red), carrots, cabbages and spinach at 2 to 4 lbs. per acre; on beans, broccoli, Brussel sprouts, cabbage, cauliflower, collards, mustard, potatoes, rutabagas and tomatoes at 3 to 4 lbs. per acre.

FIELD AND FORAGE CROPS

ALFALFA, CLOVER AND VETCH — For control of aphids, alfalfa weevil larvae, armyworms, European spruce sawfly, Lygus bugs, and spider mites apply at the rate of 2 to 4 lbs. per acre. Do not treat closer than 20 days before harvest.

GRASS — For control of aphids and spider mites apply at the rate of 2 to 4 lbs. per acre. Do not treat closer than 15 days before harvest.

SOYBEANS — For control of aphids, cabbage looper, green stink bugs apply at rate of 2 to 4 lbs. per acre. Do not treat closer than 15 days before harvest.

UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC POISON REGISTERED UNDER NO. 22473 SUBJECT

DIRECTIONS FOR USE

Read the precautionary statements before using.

For control of aphids, armyworms, fleabeetles, leafhoppers, leafminers, loopers, mites, plant bugs and thrips on field grown vegetable crops. It is effective for control of aphids, codling moth, oriental fruit moth, leaf roller, leafhopper, and leaf-miner attacking various fruits.

Product is designed for application after dilution with water. Add the concentrate to the spray tank while filling with water, and mix thoroughly by means of a tank agitator or pump by hand. For best results, thoroughly cover all surfaces to be treated with spray. Rates of application given should be considered general. Consult competent local agricultural writers for specific recommendations regarding application, dosage and use of sprays.

VEGETABLES

Apply at rates indicated to potatoes or sweet potatoes closer than 5 days before harvest; to artichoke, beans (dry), beans (red), carrots, celery, green beans and turnips closer than 15 days before harvest; to green beans, Brussel sprouts, cabbage, cauliflower, collards, kale, kohlrabi, rutabagas and spinach closer than 21 days before harvest. If beans, carrots or turnips are to be used as food or feed the interval between last treatment and harvest should be increased to 21 days.

For control of aphids, armyworms, fleabeetles, leafhoppers, leafminers, pillers, loopers, mites and plant bugs on sweet potatoes and turnips at 3 lbs. per acre; on artichoke, beans (red), carrots, celery, lettuce, peas, and spinach at 2 to 4 lbs. per acre; on beans (dry and green), collard, Brussel sprouts, cabbage, cauliflower, collards, kale, kohlrabi, rutabagas, potatoes, rutabagas and tomatoes at 3 to 4 lbs. per acre.

FIELD AND FORAGE CROPS

ALFA, CLOVER AND VETCH — For control of aphids, including spotted alfalfa aphid, alfalfa weevil larvae, armyworms, European alfalfa weevil, leaf-miner, Lygus bugs, and spider mites apply at the rate of 1 to 3 lbs. per acre. Do not treat closer than 20 days before harvest.

For control of aphids and spider mites apply at rate of 4 lbs. per acre. Do not treat closer than 15 days before harvest.

BEANS — For control of aphids, cabbage looper, green clover worm and turnip apply at rate of 2 lbs. per acre. Do not apply closer than 20 days before harvest.

SUGAR BEETS — For control of aphids, armyworms, fleabeetles, leafhoppers, Lygus and thrips apply at rate of 2 lbs. per acre. Do not treat closer than 20 days before harvest or 30 days if tops are to be fed to livestock.

CEREAL — For control of aphids, leaf miner, cutworm, leafhopper, cutworm, leaf miner, fleabeetle, Lygus bug, thrips, and thrips apply at rate of 1 to 2 lbs. per acre. For control of aphids, leaf miner and leafhopper apply at rate of 4 lbs. per acre. Applications to cereals should be made at 4 to 5 day intervals until control is obtained. At above dosage application may be made up to the day before harvest. Do not apply within 5 days of harvesting cereals.

TOBACCO — For control of grasshopper aphid apply at rate of 2 lbs. per acre. Do not apply closer than 5 days of pruning or 15 days of cutting. Avoid contact with plant while pruning or cutting tobacco. Do not apply within 2 weeks after application, protective clothing should be worn.

BARLEY, OATS, RYE AND WHEAT — For control of aphids, thrips, armyworms (up to 3rd instar) and leafhoppers apply at rate of 1 to 2 lbs. per acre. Do not apply closer than 15 days before harvest.

CORN — For control of corn root worm adults apply at rate of 1 lb. per acre. To control European corn borer use 2 lbs. per acre. Do not apply closer than 12 days of harvest.

FRUIT
SPRINKLE TREES AT TIME OF MOTH FLIGHT TO CONTROL PEACH TREE BORER.
Use for control of aphids, codling moth, plum curculio, scale and red-handed leaf roller on apples; and for aphids, peach tree borer, plum curculio and oriental fruit moth on peaches and plums at rate of 1 lb. per 100 gallons of water. For aphids, grape leafhopper and grape leafhopper on grapes and for aphids on strawberries use 2 to 3 lbs. per acre. Do not apply closer than 15 days before harvest. APPLY FREQUENTLY AS NEEDED TO CONTROL INSECTS.
USE 4 LBS. PER ACRE

NOTICE TO BUYER

The Directions for Use given for this product are based upon use under normal and reasonably foreseeable conditions. However, the use of this product being under conditions beyond Seiler's knowledge and control, it makes no warranty, express or implied, concerning the results of such use. Buyer assumes all risk of use or handling, whether or not in accordance with any suggestions, recommendations, or directions of Seller.

WARNING

Be sure to read and understand the precautionary statements before using. Do not prune trees, thin fruit, or work in dense orchards for two weeks after spraying to allow vapors to dissipate.

To avoid excessive residues of methyl parathion on food or forage crops, always observe the statements found under "Directions for Use," limiting the time before harvest when methyl parathion may be applied.

WARNING
KEEP AWAY from FEED or FOOD PRODUCTS
POISON
CAUTION-DO NOT DROP
IF LEAKING DON'T BREATHE FUMES TOUCH CONTENTS SWALLOW

MONSANTO CHEMICAL COMPANY
Shipper's name required hereon for shipments by EXPRESS

(RED COLOR)

NET CONTENTS LBS.
Printed in U.S.A.

STOP! READ THE LABEL

DANGER POISON PRECAUTIONS

CAN KILL YOU IF SWALLOWED

This product can kill you if swallowed even in small amounts. Dust may be fatal if swallowed.

GET KILL YOU BY SKIN CONTACT

This product can kill you if touched by hands or spilled on skin, in eyes or on clothing.

CAN KILL YOU IF BREATHED

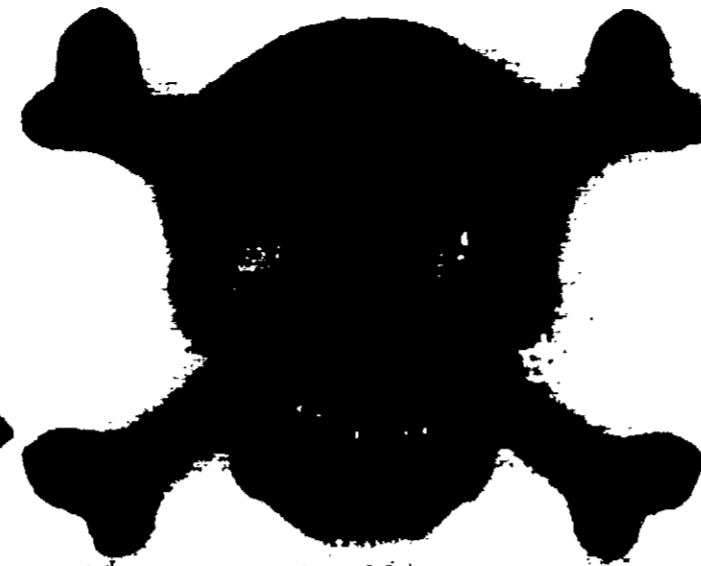
This product can kill you if vapors, or dust are breathed.

POISON

See side panels for antidote and precautions

DANGER

Keep out of reach of children



MINIATURE FACSIMILE
Smallest Type size on package 12 point.

Parathion 25%

GRANULES

INSECTICIDE BY **Monsanto**

NOT FOR HOME USE

ACTIVE INGREDIENT
Parathion (1,1-dimethyl(3-p-nitrophenyl)phosphorothioate) 25.0%
INERT INGREDIENTS 75.0%
100.0%



NET 50 LBS.

POISON SIGNS (Symptoms)

Parathion is a very dangerous poison. It rapidly enters the body on contact with all skin surfaces and eyes. Clothing wet with this material must be removed immediately. Exposed persons must receive prompt medical treatment or they may die.

Some of the signs and symptoms of poisoning are: Headache, nausea, vomiting, cramps, weakness, blurred vision, pin point pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

FIRST AID TREATMENT

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to parathion and describe his condition.

If breathing has stopped, start artificial respiration immediately and maintain until doctor sees victim. If swallowed and victim is awake (conscious) make him vomit quickly. Induce vomiting by sticking finger down throat or by giving soapy or strong salty water to drink. Repeat until vomit is clear. Never give any thing by mouth to an unconscious person. Have victim lie down and keep quiet. See doctor immediately.

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. See doctor immediately.

NOTE TO PHYSICIAN

Antidote—administer atropine sulfate in large doses, TWO to FOUR mg. intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 15 to 30 minute intervals until signs of atropinization appear. PAM chloride is also antidotal and may be administered in conjunction with atropine. DO NOT GIVE MORPHINE OR TRANQUILIZERS. Parathion is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal relapses have been reported after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

CROP USE DIRECTIONS

Use only according to label instructions.

POST TREATED AREA

Consult your State Agricultural Extension Service or Experiment Station regarding posting treated areas.

CONDITIONS OF SALE

Read LIMIT OF WARRANTY AND LIABILITY before buying or using.

If terms are not acceptable, return at once unopened.

IN CASE OF ANY EVIDENCE OF TAMpering OR BREAKING OF CONTAINER
CALL PHONY CODE FOR THE WORKERS MONSANTO, ANNISTON, ALABAMA