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RESTRICTED USE PESTICIDE

Due to very high acute toxicity to Humans and Birds

For retail sale to and use only by certified applicator or persons under their direct supervision and only for those uses covered by the certified applicator's certification. Direct supervision for this product is defined as the certified applicator being physically present during application, mixing, loading, repair and cleaning of application equipment. Commercial certified applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.



METHYL PARATHION 7.5 SPRAY

ACTIVE INGREDIENTS:	By Weight
*O, O-dimethyl O-p-nitrophenyl phosphorothioate	65.9%
Related Compounds	3.7%
INERT INGREDIENTS	30.4%
	100.0%

1 gallon contains 7½ lbs. of *Methyl Parathion.

EPA Reg. No. 2935-421

EPA Est. 39578-TX-1

KEEP OUT OF REACH OF CHILDREN

**DANGER
PELIGRO**



POISON

**OBSERVE PRECAUTIONS ON SAFETY LABEL
NOT FOR USE OR STORAGE IN OR AROUND THE HOME**

DIRECTIONS FOR USE:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DIRECTIONS FOR MIXING AND SPRAYING:

Mix in water with agitation; agitate while spraying. Apply to row and field crops in 5 to 20 gals. of water per acre by ground spray rig or 1 to 5 gals. of water by airplane.

COMPATIBILITY — Avoid combinations containing highly alkaline materials such as lime-sulfur solutions or lime. Alkaline compounds will reduce the effectiveness of Methyl Parathion.

ALFALFA: Alfalfa Weevil (larvae) — ¼ to ½ pint per acre. (Apply when 75% terminals show feeding, when buds and shoots appear ragged, or when the larvae count reaches 25 per sweep. Aphids (including Pea Aphid and Spotted Alfalfa Aphid) — ¼ to ½ pint per acre. (For Spotted Alfalfa Aphid, apply early in spring.) Armyworms, Cutworms (Climbing), Flea Beetles, Grasshoppers, Leafhoppers and Thrips — ¼ to ½ pint per acre. Alfalfa Caterpillars, Alfalfa Weevil (adult), (Refer also to Egyptian Weevil), Clover Leaf Weevil and Webworms — ½ pint per acre. Lygus Bugs, Mites and Stink Bugs — ¼ to ¾ pint per acre. Egyptian Alfalfa Weevil — ½ to 1 pint per acre. Do not apply within 15 days of harvest.

Alfalfa Seed Chalcid (seed crop only) — ¾ to 1¼ pints per acre.

Do not apply within 20 days of harvest. Do not apply if the crop or weeds in the treatment area are in bloom.

BARLEY: Thrips (Barley) — ¼ to ½ pint per acre. Cutworms (Climbing), False Chinch Bug, Leafhopper, Mites (Brown Wheat) and (Winter Grain) — ¼ to ½ pint per acre. Aphids (including Greenbug) — ¼ to ¾ pint per acre. (Apply in early spring for Greenbug control.) Armyworms (to 3rd instar), Black Grass Bugs and Stink Bugs — ¼ to ¾ pint per acre. Chinch Bugs and Say Stink Bugs — ¾ pint per acre.

Do not apply within 15 days of harvest.

COTTON: Fleahoppers (including Cotton Fleahopper) and Thrips — ¼ to ½ pint per acre. (For Thrips — Apply before or during the 4-leaf stage and repeat 1 to 3 times at 7- to 10-day intervals.) Grasshoppers — ¼ pint per acre. Cotton Leafworm and Garden Webworm — ¼ to ½ pint per acre. Lygus Bugs, Spider Mites (including Desert Spider Mites and Two-Spotted Spider Mites) — ¼ to 1 pint per acre. False Chinch Bug and Southern Green Stink Bug — ½ pint per acre. Aphids (including Cotton Aphid), Fall Armyworms (to 3rd instar), Cotton Leafperforator, Cutworms and Cabbage Loopers — ½ to 1 pint per acre. (For Aphids, (including Cotton Aphid) — Apply when Aphids appear in buds and on leaves of seedlings or when honeydew appears on older plants.) Boll Weevil — ½ to 3 pints per acre. (For early season control of overwintering Boll Weevils apply as early as the 2- to 4-leaf stage and repeat 1 to 3 times at 7- to 10-day intervals. 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 6-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. Bollworms — 1 to 3 pints per acre. Armyworms — 1 to 2 pints per acre.

Do not apply within 7 days of harvest or handpicking. Workers entering fields within 48 hours after application should wear protective clothing.

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KEEP OUT OF REACH OF CHILDREN

**DANGER
PELIGRO****POISON****OBSERVE PRECAUTIONS ON SAFETY LABEL
NOT FOR USE OR STORAGE IN OR AROUND THE HOME****DIRECTIONS FOR USE:**

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DIRECTIONS FOR MIXING AND SPRAYING:

Mix in water with agitation; agitate while spraying. Apply to row and field crops in 5 to 20 gals. of water per acre by ground spray rig or 1 to 5 gals. of water by airplane.

COMPATIBILITY — Avoid combinations containing highly alkaline materials such as lime-sulfur solutions or lime. Alkaline compounds will reduce the effectiveness of Methyl Parathion.**ALFALFA:** Alfalfa Weevil (larvae) — $\frac{1}{4}$ to $\frac{1}{2}$ pint per acre. (Apply when 75% terminals show feeding, when buds and shoots appear ragged, or when the larvae count reaches 25 per sweep. Aphids (including Pea Aphid and Spotted Alfalfa Aphid) — $\frac{1}{4}$ to $\frac{1}{2}$ pint per acre. (For Spotted Alfalfa Aphid, apply early in spring.) Armyworms, Cutworms (Climbing), Flea Beetles, Grasshoppers, Leafhoppers and Thrips — $\frac{1}{4}$ to $\frac{1}{2}$ pint per acre. Alfalfa Caterpillars, Alfalfa Weevil (adult), (Refer also to Egyptian Weevil), Clover Leaf Weevil and Webworms — $\frac{1}{2}$ pint per acre. Lygus Bugs, Mites and Stink Bugs — $\frac{1}{4}$ to $\frac{3}{4}$ pint per acre. Egyptian Alfalfa Weevil — $\frac{1}{2}$ to 1 pint per acre. Do not apply within 15 days of harvest.Alfalfa Seed Chalcid (seed crop only) — $\frac{3}{4}$ to 1 $\frac{1}{4}$ pints per acre.

Do not apply within 20 days of harvest. Do not apply if the crop or weeds in the treatment area are in bloom.

BARLEY: Thrips (Barley) — $\frac{1}{4}$ to $\frac{1}{2}$ pint per acre. Cutworms (Climbing), False Chinch Bug, Leafhopper, Mites (Brown Wheat) and (Winter Grain) — $\frac{1}{4}$ to $\frac{1}{2}$ pint per acre. Aphids (including Greenbug) — $\frac{1}{4}$ to $\frac{3}{4}$ pint per acre. (Apply in early spring for Greenbug control.) Armyworms (to 3rd instar), Black Grass Bugs and Stink Bugs — $\frac{1}{4}$ to $\frac{3}{4}$ pint per acre. Chinch Bugs and Say Stink Bugs — $\frac{3}{4}$ pint per acre.

Do not apply within 15 days of harvest.

COTTON: Fleahoppers (including Cotton Fleahopper) and Thrips — $\frac{1}{4}$ to $\frac{1}{2}$ pint per acre. (For Thrips — Apply before or during the 4-leaf stage and repeat 1 to 3 times at 7- to 10-day intervals.) Grasshoppers — $\frac{1}{4}$ pint per acre. Cotton Leafworm and Garden Webworm — $\frac{1}{4}$ to $\frac{1}{2}$ pint per acre. Lygus Bugs, Spider Mites (including Desert Spider Mites and Two-Spotted Spider Mites) — $\frac{1}{4}$ to 1 pint per acre. False Chinch Bug and Southern Green Stink Bug — $\frac{1}{2}$ pint per acre. Aphids (including Cotton Aphid), Fall Armyworms (to 3rd instar), Cotton Leafperforator, Cutworms and Cabbage Loopers — $\frac{1}{2}$ to 1 pint per acre. (For Aphids, (including Cotton Aphid) — Apply when Aphids appear in buds and on leaves of seedlings or when honeydew appears on older plants.) Boll Weevil — $\frac{1}{2}$ to 3 pints per acre. (For early season control of overwintering Boll Weevils, apply as early as the 2- to 4-leaf stage and repeat 1 to 3 times at 7- to 10-day intervals. 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. Bollworms — 1 to 3 pints per acre. Armyworms — 1 to 2 pints per acre.

Do not apply within 7 days of harvest or handpicking. Workers entering fields within 48 hours after application should wear protective clothing.

LETTUCE: Aphids, Armyworms, Flea Beetles, Imported Cabbageworms, Leafhoppers and Mites — $\frac{1}{2}$ to 1 pint per acre. (Do not apply within 21 days of harvest.) Cabbage Loopers and Plant Bugs — 1 pint per acre. (Do not apply within 21 days of harvest.)**SORGHUM:** Corn Leaf Aphids and Spider Mites — $\frac{1}{2}$ pint per acre. Sorghum Midge — $\frac{1}{2}$ to 1 pint per acre. (Apply when approximately 90% of the heads have completely emerged from the boot or not later than the start of blooming.) Greenbug Aphid — $\frac{3}{4}$ pint per acre. 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.

SUGAR BEETS: Armyworms, Fall Armyworms, Cutworms (including Climbing Cutworms), Flea Beetles, Grasshoppers, Leafhoppers, Mites and Sugar Beet Webworms — $\frac{1}{4}$ to $\frac{3}{4}$ pint per acre. Lygus Bugs, Stink Bugs and Webworms — $\frac{3}{4}$ pint per acre.

Do not apply within 20 days of harvest. If tops are going to be fed to cattle, do not apply within 60 days of harvest.

WHEAT: Brown Wheat Mites — $\frac{1}{4}$ to $\frac{1}{2}$ pint per acre. Aphids (including Greenbug) — $\frac{1}{4}$ to $\frac{3}{4}$ pint per acre. Barley Thrips — $\frac{1}{4}$ to $\frac{1}{2}$ pint per acre. Leafhoppers — $\frac{1}{4}$ to $\frac{1}{2}$ pint per acre. Armyworms (to 3rd instar), Winter Grain Mites and Stink Bugs — $\frac{1}{4}$ to $\frac{3}{4}$ pint per acre. Climbing Cutworms — $\frac{3}{4}$ pint per acre. Chinch Bugs, False Chinch Bugs and Say Stink Bugs — $\frac{3}{4}$ pint per acre.Do not apply within 15 days of harvest from $\frac{1}{2}$ pint through 1 $\frac{1}{2}$ pints.**NOTICE:** The statements made on this label are believed to be true and accurate, but because of conditions of use which are beyond our control, WILBUR-ELLIS COMPANY does not make, nor does it authorize any agent or representative to make, any warranty, guaranty or representation, expressed or implied, concerning this material or the use thereof, except in conformity with the statements on the label. Neither WILBUR-ELLIS COMPANY nor the seller shall be held responsible in any manner for any personal injury or property damage or loss resulting to the buyer or to the other person from handling, storage or use of this material, not in accordance with directions. The buyer assumes all risk and liability resulting from improper handling, storage or use and accepts and uses this material on these conditions.Logo TM of WILBUR-ELLIS Company
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45386

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METHOMYL COMPOSITION

An Insecticide for Formulating Use Only

INGREDIENT STATEMENT

ACTIVE INGREDIENTS: Methomyl

(S-Methyl N-[(methoxycarbonyloxy)thioacetimidate]

INERT INGREDIENTS

EPA Reg. No. 352-351

EPA Reg. No. 352-351

90%

10%

CARP-MATE PEST
(METHOMYL) UN
RQ

ACCEPTED

SEP 10 1993

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the purpose of registration under EPA Reg. No. 352-351

Keep out of reach of children DANGER POISON

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled: Call a physician or Poison Control Center immediately. Remove from exposure and have patient lie down and keep quiet. If patient is not breathing, start artificial respiration immediately. Never give anything by mouth to an unconscious person.

In case of contact, wash skin with plenty of soap and water; for eyes, flush with water for 15 minutes and call a physician or Poison Control Center immediately; remove and wash contaminated clothing before reuse.

ATROPINE IS AN ANTIDOTE — SEEK MEDICAL ATTENTION AT ONCE IN ALL CASES OF SUSPECTED POISONING

If warning symptoms appear (see WARNING SYMPTOMS in opposite column), get medical attention.

For medical emergencies involving this product, call toll free 1-800-441-3637.

STORAGE AND DISPOSAL

STORAGE: Store product in original container only, away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home.

DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or residue is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into formulation equipment. Then dispose of liner in a sanitary landfill or by incineration as allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

IMPORTANT — NOTICE TO HANDLERS

DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING, BEFORE OPENING DRUM PUT ON PROTECTIVE CLOTHING, GOGGLES OR FACE SHIELD, AND A MASK OR RESPIRATOR JOINTLY APPROVED BY THE MINE SAFETY AND HEALTH ADMINISTRATION (FORMERLY THE U.S. BUREAU OF MINES) AND BY THE NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH. WEAR CLEAN CLOTHING DAILY. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR USING TOBACCO. REMOVE OR WASH CONTAMINATED CLOTHING BEFORE REUSE.

Technical information for this product is available from the manufacturer on request.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER POISON

MAY BE FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE EYES. Wear goggles or face shield. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove and wash contaminated clothing before reuse. Do not breathe vapors. Do not get in eyes, on skin, or on clothing.

NOTE TO PHYSICIAN

WARNING SYMPTOMS—Methomyl poisoning produces effects associated with anticholinesterase activity which may include weakness, blurred vision, headache, nausea, abdominal cramps, discomfort in the chest, constriction of pupils, sweating, slow pulse, muscle tremors.

TREATMENT—Atropine sulfate should be used for treatment. Administer repeated doses, 1.2 to 2.0 mg. intravenously every 10 to 30 minutes until full atropine action is achieved. Maintain oxygenation until the patient recovers. Artificial respiration or oxygen may be necessary. Allow no further exposure to any cholinesterase inhibitor until recovery is assured.

Do not use morphine or 2-PAM. However, for exposure to methomyl and organophosphorus insecticides, 2-PAM may be used as required to supplement the atropine sulfate treatment as described above.

ENVIRONMENTAL HAZARD STATEMENT

This product is toxic to fish, birds and other wildlife. Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically designed and addressed in the NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewer treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS

Keep container closed. Use with adequate ventilation.

DIRECTIONS FOR USE

Formulators using this product are responsible for obtaining EPA registration of their formulated product. Only for formulation into an insecticide.

1. For the following uses:

Terrestrial Field Crops: alfalfa, anise, apple, asparagus, avocado, barley, beans (dried and succulent), beets (roots and tops), Bermudagrass, blueberry, broccoli, broccol raab, Brussels sprouts, cabbage, carrot, cauliflower, celery, chicon, Chinese broccoli, Chinese cabbage, collards, corn (hard, sweet and pop), cotton, cucumber (cucurbit), dandelions, eggplant, endive (escarole), garlic, grapefruit, grapes, hams, hamsters, Jerusalem artichoke, kale, lemon, lentils, lettuce (including leaf lettuce), melons, mint, mustard greens, nectarines, oats, onion (bulb and green), orange, parsley, peach, peanuts, pear, peas, pecan, pepper, peppermint, peppers, pomegranate, potato, radish, rye, sorghum, soybeans, spinach, strawberry, sugar beet, summer squash, sweet potato, Swiss chard, tangerine, tangerine, tomato, tomato, turnip, green, wheat.

Terrestrial Nonfield Crops: tobacco (excluding shade grown), chrysanthemums, gladiolus, ornamental flowers (seed crop), ornamental trees and shrubs, ornamental plants, ornamental plants (nursery stock), rose.

Greenhouse Field Crops: tomato, bell peppers.

Greenhouse Nonfield Crops: ornamental plants.

Indoor Nonfield Uses: dog kennels, fur bearing animal units, farm buildings, poultry houses, commercial, industrial and institutional areas (outdoor), eating establishments (outdoor), food processing, handling and storage plant areas (outdoor), garbage areas, garbage cans, landfills, meat processing plants (meat areas), poultry processing plants (meat areas).

2. Uses for which USEPA has accepted the required data and/or claims of data that the formulator has submitted in support of registration.

3. Uses for experimental purposes that are in compliance with USEPA requirements.

NOTICE OF WARRANTY

Do not warrant that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherent in the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use, or application, all of which are beyond the control of Du Pont. In no case shall Du Pont be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. With regard to any term, condition, warranty, or fitness for use, Du Pont makes no warranty, express or implied, or any other express or implied warranty except as stated above.

NET 50 kg (110.23 lb)

E. I. DU PONT DE NEMOURS AND COMPANY, AGRICULTURAL PRODUCTS, WILMINGTON, DE — U. S. A.

Abstract