

BEST DOCUMENT AVAILABLE

RESTRICTED USE PESTICIDE

For 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

MAY 29 1979

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under Reg. No. 1339-127

ACTIVE INGREDIENTS:	80.9%
Parathion (O,O-diethyl O-p-nitrophenyl phosphorothioate)	14.1%
Xylene Range Aromatic Solvent	5.0%
INERT INGREDIENTS:	
TOTAL	100.0%

PARATHION-8 E.

Contents U. S.

(EPA ESTABLISHMENT NO. 1339-127)

(8 lbs. Parathion per gal.)



POISON



RECOMMENDATIONS

BEANS: Aphids, Armyworms, Cucumber Beetles, Leafhopper, Roller, Lima Pod Borer, Mexican Bean Beetle, Stinkbugs, T. acre. Repeat applications at 7 to 10 day intervals until control. **APPLY WITHIN 15 days of harvest.**

COLE CROPS (Cabbage, Broccoli, Brussels Sprouts, Cauliflower, Turnip): Aphids, Armyworms, Cabbage Loopers and Leaf Miners, Thrips, apply 1/2 pt. per acre. **DO NOT APPLY WITHIN 15 days of harvest (21 days if tops are to be used for food within 14 days of harvest.)**

COTTON: Cotton Aphid, Cotton Leafworm, Fleahoppers, Sp. apply 1/2 pt. per acre. Cotton Leaf Perforator—Apply 1/2 to 1 pt. per acre. **DO NOT APPLY WITHIN 5 days of handpicking.**

CUCURBITS (Cucumber, Squash, Melons): Aphids, Cucumber Pickleworm, Leaf Miners, Squash Bug, and Rindworm on pt. per acre. **DO NOT APPLY UNLESS PLANTS ARE DRY, FORE WINING OR WITHIN 15 days of harvest on cucumber harvest on melons.**

FORAGE CROPS (Alfalfa, Barley, Clover, Oats, Vetch, Worms, Blister Beetles, Grasshoppers—apply 1/4 to 3/8 pt. of infestation. DO NOT APPLY WITHIN 15 days of harvest.)

EGGPLANT: Aphids, Leaf Miners, Red Spider Mites, Thrips. **DO NOT APPLY WITHIN 15 days of harvest.**

OKRA: Aphids, Leaf Miners, Stinkbugs—apply 1/4 to 1/2 pt. **APPLY WITHIN 21 days of harvest.**

LETTUCE: Aphids, Banded Cucumber Beetle, Leafhopper, 1/2 pt. per acre. **DO NOT APPLY WITHIN 15 days of harvest 21 days of harvest on leaf and bibb lettuce.**

PEPPER: Aphids, Flea Beetle, Leaf Miners, Thrips—apply 1/2 pt. **DO NOT APPLY WITHIN 15 days of harvest.**

POTATO: Aphids, Armyworms, Banded Cucumber Beetle, Leaf-footed Plant Bug, Leaf Miners, Green Stinkbugs—apply 1/2 pt. **DO NOT APPLY WITHIN 10 days of harvest.**

TOMATO: Aphids, Banded Cucumber Beetle, Loopers, Striped Plant Bug—apply 1/2 pt. per acre. **DO NOT APPLY WITHIN 10 days of harvest.**

STRAWBERRIES: Flea Beetles, Field Crickets, Flower Pheras—apply 1/4 to 1/2 pt. per acre. Red Spider Mites—**DO NOT APPLY WITHIN 14 days of harvest.**

PHYSICIAN'S NOTE

Compound exerts muscarine like effects i. e., stimulations of the para sympathetic nervous system. Repeated use of a para sympathetic depressant, such as atropine to the limit of patient's tolerance, is indicated to relieve symptoms. The administration of oxygen is helpful. Never give morphine to patients suspected of parathion poisoning.

Do not feed treated forage to dairy animals or animals being finished for slaughter. Do not contaminate feed or foodstuffs.

This mixture is highly toxic to fish and wildlife. Do not contaminate any body of water nor apply to any area not specified on the label

Do not apply when weather conditions favor drift of spray or dust from areas treated.

DESTROY all containers when empty, by punching holes in them and burying with wastes. Do not burn.

Rinse equipment and containers and dispose of wastes by burying in noncrop lands away from water supplies.

Do not store near heat or open flame. Keep containers closed when not in use. Do not reuse containers for other purpose.

ANTIDOTE FOR PARATHION

IF SWALLOWED: Give a tablespoonful of salt in a glass of warm water and repeat until vomit fluid is clear. Have victim lie down and keep quite. Call a physician IMMEDIATELY.

IF ON SKIN: In case of contact remove contaminated clothing and immediately wash skin with soap and water.

DANGER

Keep Out of Reach of Children

POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. Rapidly absorbed through skin. Wear natural rubber gloves, protective clothing and goggles.

Do Not get in eyes, on skin, or on clothing. In case of contact remove clothing, wash thoroughly with soap and water, for eyes flush with plenty of water and get prompt medical attention.

DO NOT breathe spray mist or vapors

Wear a mask or respirator of a type passed by U. S. Dept. of Agriculture for parathion protection.

KEEP all unprotected persons and animals out of operating areas or vicinity where there may be danger of drift. Vaccinated areas should not be re-entered until drifting spray mist and volatile residues have dissipated. If headache, dizziness or nausea develops during or after use, get out of contaminated area at once. Get medical attention.

Do not apply in any manner not specified on the label.

WEAR Clean clothing daily, wash all contaminated clothing with soap and hot water before re-use.

Wash hands, arms and face thoroughly with soap and water before eating or smoking.

GENERAL DIRECTIONS

Prepare a spray mixture as follows:

1. Add about half the total amount of water to be used to the spray tank.
2. Start agitator or pump bypass and add proper amount of Parathion-8 E.
3. Continue mixing and add remaining water.

Directions for Use:

Parathion-8 E. may be applied by either ground equipment or aircraft. For ground equipment, dilute in sufficient water (4 to 8 gal. acre) to give adequate coverage. For aerial applications, dilute in 3 to 4 gallons of water per acre.

Application should be made only by trained personnel using approved protective equipment. **DO NOT APPLY WITH HAND EQUIPMENT.**

If mixture does not mix readily, but tends to separate as an oily layer, do not use as injury to plants may result. Do not combine with wettable powders unless previous use of the mixture has proven physically compatible and safe to plants. **ALWAYS** thoroughly emulsify this product with at least half of total water before adding wettable powder.

Observe use limitations given on the label for specific crops.

In order that pesticidal 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.

Seller warrants that the product conforms to its chemical description for the purpose stated on the label when used in a normal manner under normal conditions of use, but neither this warranty nor any other warranty or statement of a particular purpose, expressed or implied, shall constitute an admission of liability for any damage or injury caused by the use of this product contrary to label instructions, or under abnormal conditions not reasonably foreseeable to seller, and buyer assumes

EPA Reg. No. 1339-127
Manufactured by

Cotton States Chemical

Monroe, Louisiana

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AVAILABLE

RESTRICTED USE PESTICIDE

Available 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.

MAY 29 1979

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under Reg. No. 1339-127

INGREDIENTS: Diethyl (O,O-diethyl) O-p-nitrophenyl thiophosphorothioate 80.9%
Aromatic Solvent 14.1%
Other Ingredients 5.0%

TOTAL

80.9%
14.1%
5.0%
100.0%

PARATHION-8 E.

(8 lbs. Parathion per gal.)



POISON



Contents U. S. Gallons _____

(EPA ESTABLISHMENT NO. 1339-LA-1)

RECOMMENDATIONS

BEANS: Aphids, Armyworms, Cucumber Beetles, Leafhoppers, Leaf Miners, Leaf Roller, Lima Pod Borer, Mexican Bean Beetle, Stinkbugs, Thrips—apply 1/2 pt. per acre. Repeat applications at 7 to 10 day intervals until controlled. DO NOT APPLY WITHIN 15 days of harvest.

COLE CROPS (Cabbage, Broccoli, Brussels Sprouts, Cauliflower, Kale, Mustard, Turnip): Aphids, Armyworms, Cabbage Loopers and Imported Cabbageworm, Leaf Miners, Thrips, apply 1/2 pt. per acre. DO NOT APPLY ON TURNIPS WITHIN 15 days of harvest (21 days if tops are to be used for food or feed); on other crops within 14 days of harvest.

COTTON: Cotton Aphid, Cotton Leafworm, Fleahoppers, Spider Mites, Stinkbugs—apply 1/2 pt. per acre. Cotton Leaf Perforator—Apply 1/2 to 1 pt. per acre. DO NOT APPLY WITHIN 5 days of handpicking.

CUCURBITS (Cucumber, Squash, Melons): Aphids, Cucumber Beetle, Melonworm, Pickleworm, Leaf Miners, Squash Bug, and Rindworm on watermelon—apply 1/2 pt. per acre. DO NOT APPLY UNLESS PLANTS ARE DRY. DO NOT APPLY BEFORE VINING OR WITHIN 15 days of harvest on cucumbers and squash, 7 days of harvest on melons.

FORAGE CROPS (Alfalfa, Barley, Clover, Oats, Vetch, Wheat): Aphids, Armyworms, Blister Beetles, Grasshoppers—apply 1/4 to 3/8 pt. per acre, at first sign of infestation. DO NOT APPLY WITHIN 15 days of harvest or forage use.

EGGPLANT: Aphids, Leaf Miners, Red Spider Mites, Thrips—apply 1/4 pt. per acre. DO NOT APPLY WITHIN 15 days of harvest.

OKRA: Aphids, Leaf Miners, Stinkbugs—apply 1/4 to 1/2 pt. per acre. DO NOT APPLY WITHIN 21 days of harvest.

LETTUCE: Aphids, Banded Cucumber Beetle, Leafhoppers, Lygus Bug—apply 1/2 pt. per acre. DO NOT APPLY WITHIN 15 days of harvest on head lettuce; 21 days of harvest on leaf and bibb lettuce.

PEPPER: Aphids, Flea Beetle, Leaf Miners, Thrips—apply 1/4 pt. per acre. DO NOT APPLY WITHIN 15 days of harvest.

POTATO: Aphids, Armyworms, Banded Cucumber Beetle, Thrips, Leafhoppers, Leaf-footed Plant Bug, Leaf Miners, Green Stinkbugs—apply 1/2 pt. per acre. DO NOT APPLY WITHIN 5 days of harvest.

TOMATO: Aphids, Banded Cucumber Beetle, Loopers, Stinkbugs and other Plant Bugs—apply 1/2 pt. per acre. DO NOT APPLY WITHIN 10 days of harvest.

STRAWBERRIES: Flea Beetles, Field Crickets, Flower Thrips, Leaf Rollers, Pamearas—apply 1/4 to 1/2 pt. per acre. Red Spider Mites—apply 3/8 pt. per acre. DO NOT APPLY WITHIN 14 days of harvest.

Seller warrants that the product conforms to its chemical description and is reasonable fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and Buyer assumes the risk of any such use.

EPA Reg. No. 1339-127
Manufactured by

Cotton States Chemical Co., Inc.

Monroe, Louisiana

PHYSICIAN'S NOTE

Effects muscarine-like effects i. e., stimulations of the para-sympathetic system. Repeated use of a para-sympathetic depressant, such as atropine, if patient's tolerance, is indicated to relieve symptoms. The administration of atropine is helpful. Never give morphine to patients suspected of para-sympathetic poisoning.

Do not use on dairy animals or animals being finished for slaughter, or on animals used for meat or foodstuffs.

Is highly toxic to fish and wildlife. Do not contaminate any body of water or any area not specified on the label.

When weather conditions favor drift of spray or dust from areas being treated, cover containers when empty, by punching holes in them and burying them in soil. Do not burn.

Wash and containers and dispose of wastes by burying in noncrop area away from water supplies.

Do not use near heat or open flame. Keep containers closed when not in use. Do not use containers for other purpose.

GENERAL DIRECTIONS

Mixure as follows:
About half the total amount of water to be used to the spray tank, agitator or pump bypass and add proper amount of Parathion-8 E. Continue mixing and add remaining water.

For Use:
Parathion-8 E. may be applied by either ground equipment or aircraft. For ground applications, dilute in sufficient water (4 to 8 gal./acre) to give adequate coverage. For aerial applications, dilute in 3 to 4 gallons of water per acre. Application should be made only by trained personnel using approved equipment. DO NOT APPLY WITH HAND EQUIPMENT.

Parathion-8 E. does not mix readily, but tends to separate as an oily layer, do not use if the mixture has proven physically compatible and safe to plants. Thoroughly emulsify this product with at least half of total water before use.

Limitations given on the label for specific crops.
Pesticidal residues on food and forage crops will not exceed tolerances established by the Federal Food and Drug Administration, use only at recommended intervals, and do not apply closer to harvest than specified. Do not use on areas occupied by unprotected humans or beneficial insects, or on 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 CROPS TO THAT OF OTHERS.

ANTIDOTE FOR PARATHION

IF SWALLOWED: Give a tablespoonful of salt in a glass of warm water and repeat until vomit fluid is clear. Have victim lie down and keep quiet. Call a physician IMMEDIATELY.

IF ON SKIN: In case of contact remove contaminated clothing and immediately wash skin with soap and water.

DANGER

Keep Out of Reach of Children

POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. Rapidly absorbed through skin. Wear natural rubber gloves, protective clothing and goggles.

Do Not get in eyes, on skin, or on clothing. In case of contact remove clothing, wash thoroughly with soap and water, for eyes flush with plenty of water and get prompt medical attention.

DO NOT Breathe spray mist or vapors. Wear a mask or respirator of a type passed by U. S. Dept. of Agriculture for parathion protection.

KEEP all unprotected persons and animals out of operating areas or vicinity where there may be danger of drift. Vacated areas should not be re entered until drifting spray mist and volatile residues have dissipated. If headache, dizziness or nausea develops during or after use, get out of contaminated area at once. Get medical attention.

Do not apply in any manner not specified on the label.

WEAR Clean clothing daily, wash all contaminated clothing with soap and hot water before reuse.

Wash hands, arms and face thoroughly with soap and water before eating or smoking.

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