

VELSICOL PARATHION 8-E
EMULSIFIABLE CONCENTRATE

Active Ingredients:

Parathion (0,0-diethyl 0-p-nitrophenyl phosphorothioate).....	81.8%
Xylene Range Aromatic Solvent.....	8.2%
Inert Ingredients.....	10.0%
<hr/>	
Total.....	100.0%

Contains 8 Lb. Parathion Per Gallon

DANGER
POISON  **POISON**

Keep Out of the Reach of Children

See Left Panel for Antidote and Additional
Precautionary Statements.

Net Contents: ~~8.25~~ ⁸⁷⁶⁻⁷⁹

USDA Reg. No. _____

ACCEPTED
JUL 20 1967
UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND ROENTICIDE ACT
FOR ECONOMIC PEELX REGISTERED
EFFECTIVE DATE 5/6/79 SUBJECT
TO ATTACHED COMMENTS.

READ LABEL BEFORE USING

POISON:



Keep Out of the Reach of Children

POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN.
RAPIDLY ABSORBED THROUGH SKIN.
DO NOT GET IN EYES, ON SKIN OR ON CLOTHING.
KEEP OUT OF REACH OF CHILDREN.
DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME.
PROTECT FROM TEMPERATURE BELOW 0°F.
DESTROY EMPTY CONTAINER - PERFORATE, CRUSH AND BURY.
DO NOT CONTAMINATE FEED OR FOODSTUFFS.

Wear natural rubber gloves, protective clothing and goggles. Wear a mask or respirator of a type passed by the U.S. Department of Agriculture for Parathion protection. Airplane pilots should wear full face cannister-type mask. Keep all unprotected persons out of operating area or vicinity where there may be danger of drift. Vacated areas should not be re-entered until drifting insecticide and volatile residues have dissipated. Wash hands, arms and face thoroughly with soap and water before eating or smoking. Wash contaminated clothing with soap and hot water before re-use.

POISON SYMPTOMS: Headache, blurred vision, weakness, nausea, cramps, diarrhea, and discomfort in chest.

ANTIDOTE: Atropine is the antidote. Give 2 Atropine (1/100 grain each) tablets immediately when symptoms appear.

CALL A PHYSICIAN IMMEDIATELY in all cases of suspected Parathion poisoning. Remove patient from area where Parathion is present.

FIRST AID TREATMENT

IF SWALLOWED; Induce vomiting by giving warm salty or soapy water. Repeat until vomit fluid is clear. Have victim remain quiet. Call a physician. Administer atropine when symptoms develop.

SKIN: Remove all clothing and shoes immediately. Wipe affected areas with clean rag. Wash skin immediately with plenty of soap and water.

EYES: Flush with warm water immediately after contact for at least 15 minutes.

CLOTHING: Remove clothing and shoes immediately. Wash them thoroughly with strong soap and water before re-use. Destroy clothing and shoes if they cannot be decontaminated.

GROUP 50 100 100 100

NOTE FOR PHYSICIAN

Give Atropine immediately by injection (3/50 grain). Continue intravenously or intramuscularly (1/60 grain) each hour. Full atropinization should be maintained for 48 hours in severe poisoning. NEVER GIVE MORPHINE. Clear lungs by postural drainage. Artificial respiration may be necessary. Observe patient continuously for 48 hours in case of need for respiratory aid. Do not allow exposure with any phosphate ester insecticides until cholinesterase level is normal as determined by blood analysis.

OBSERVE THE FOLLOWING USE PRECAUTIONS

Observe use limitations given on the label for specific crops. 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 human 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 Experiment Stations for additional information as the timing, number and rate of applications needed will vary with local conditions.

HIGHLY TOXIC TO FISH AND WILDLIFE. DO NOT CONTAMINATE ANY BODY OF WATER. BIRDS FEEDING ON TREATED AREAS MAY BE HARMED.

DO NOT USE IN ANY MANNER NOT SPECIFIED ON THIS LABEL.

DRUM DISPOSAL: Do not re-use emptied drums. Decontaminate drums by thoroughly rinsing with solution of 5 gallons water, 2 pounds caustic soda (household lye), 1 cup of detergent. Close container openings and rotate repeatedly until all inner surfaces are thoroughly wet. Bury rinse solution 18 inches deep in isolated area away from water supplies. Crush drum to prevent further use and discard in a safe place.

HANDLING DRUMS: Open drum only when set on end. Unscrew bungs slowly. Fit both bungs with valves and connect to closed ventilating and formulating system.

PILLAGE: In case of spillage, cover with absorbent material such as lime,

ACCEPTED FOR DEPOSIT

DIRECTIONS FOR USE

Application should be made only by trained personnel using approved protective equipment. Do not apply with hand equipment. Pour specified amount of this product into nearly filled spray tank. Add balance of water to fill tank. Nurse tanks and spray equipment must provide thorough agitation. Keep agitator running during filling and spraying operations. 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.

NOTICE: Because Velsicol Chemical Corporation has no control over storage, handling, and conditions of use, which are of critical importance, Velsicol Chemical Corporation makes no representation or warranty, either express or implied, for results or residues greater than any tolerance which may be established by appropriate governmental agencies, due to misuse, improper handling or storage of this material. Nor does Velsicol Chemical Corporation assume any responsibility for injury to persons, crops, animals, soil or property arising out of misuse, improper handling or storage of this material.

ACCEPTED

Velsicol Chemical Corporation
341 East Ohio Street
Chicago, Illinois 60611

Velsicol Parathion 8-E

Active Ingredients:	
Ethyl Parathion (0,0-diethyl 0-p-nitrophenyl phosphorothioate).....	81.8%
Xylene Range Aromatic Solvent.....	8.2%
Inert Ingredients:	
Emulsifier*.....	10.0%
	<hr/>
	100.0%

*5.0% Emcol H140B and 5.0% Emcol H141B
(Manufactured by Witco Chemical Co.)

LOCATED BY [unclear]

RECOMMENDATIONS:

Rates are given in terms of ounces of Parathion 3-E per acre in sufficient water to give thorough coverage. May be applied by air using an amount of water equal to or greater than the amount of Parathion 3-E recommended for the specific use.

VEGETABLE AND FIELD CROPS

Crop	Insects	Dosage Oz./Acre	Limitations
Alfalfa Clover Grass Vetch	Aphids, Blister Beetles, Grasshoppers	4 - 6 Oz.	Do not apply within 15 days of harvest or forage use.
	Alfalfa Weevil, Armyworms	2 - 4 Oz.	
	Tortricid Moths, Alfalfa Caterpillar, Velvet Bean Caterpillar	4 - 8 Oz.	
Beans Beets Black-eyed Peas Peas	Aphids, Armyworms, Leaf- hoppers, Leafminers, Leafrollers, Mexican Bean Beetle, Pea Weevil, Webworms	8 Oz.	Repeat at 7-10 day intervals. Do not apply within 15 days of harvest, 21 days if beet tops are used as food or feed, 10 days for peas.
	Bean Leaf Beetle, Red Spider Mite, Velvet Bean Caterpillar	4 - 8 Oz.	
	Wireworms	5 Pts.	
C. & C. Crops (Broccoli, Brussel Sprout, Cabbage Kohlrabi, Cauliflower, Collards Kale) Mustard Rutabagas Turnips	Aphids, Armyworms, Diamond Back Moth, Imported Cabbageworm, Thrips, Cabbage Worms	4 - 6 Oz.	Do not apply to cabbage, Kale, mustard, turnips or collards within 10 days of harvest, 7 days for broccoli, Brussel Sprouts, Kohlrabi, rutabagas and cauliflower.
	Cabbage Looper	8 Oz.	
	Wireworms	5 Pts.	

Right Panel
(Cont'd)

Crop	Insects	Dosage Oz./Acre	Limitations
Corn	Armyworms, Corn Sap Beetle, Corn Rootworm Adults, Grasshoppers	4 Oz.	Do not apply within 12 days of harvest or cutting for forage.
	Corn Leaf Aphid	4 - 6 Oz.	
	European Corn Borer	8 Oz.	Make one or more applications when borer damage threatens, depending on the extent of damage and degree of protection desired. Consult state experiment stations for proper timing. Allow 12 days before harvest.
Cotton	Aphids, Red Spider Mite, Fleahoppers, Garden Webworm	4 - 6 Oz.	Do not apply within 5 days of hand-picking.
	White Fly, Cotton Leafworm	4 - 8 Oz.	
	Stinkbugs	2 - 3 Oz.	
Cucurbits (Cucumber, Squash, Melons, Pumpkin)	Aphids, Cucumber Beetle, Melonworm, Pickleworm, Serpentine Leafminer	4 - 8 Oz.	Do not apply to cucumber and squash within 15 days of harvest, 7 days for melons, 10 days for pumpkin. Do not apply to cucumbers before vining.
	Stinkbugs, Vine Borer, Spider mites, Thrips	4 - 8 Oz.	
Lettuce	Aphids, Leafhoppers	8 Oz.	Do not apply within 7 days of harvest on head lettuce, 21 days on leaf and bib lettuce.
	Root Aphids, Garden Centipedes, Ground Mealybug	2-1/2 Pts.	
	See Below

Right Page
(Cont'd)

Crop	Insect	Dosage Oz./Acre	Limitations
Peppers	Aphids, Flea Beetles Leafhoppers, Serpentine Leafminer, Pepper Maggot	4 Oz.	Do not apply within 15 days of harvest.
Potato Sweet Potato Tomato	Aphids, Flea Beetles, Leaf- hoppers, Serpentine Leaf- miner, Colorado Potato Beetle Grasshoppers, White Flies, Blister Beetles, Spider Mites	4 Oz.	Do not apply to potatoes within 5 days of harvest, 10 days for tomatoes, 15 days for sweet potatoes.
	Wireworms	2 - 4 Pts.	See Below
Small Grains (Barley, Oats, Wheat)	Aphids, Armyworms, Green- buss, Blister Beetles, Grasshoppers, Grain Mite	4 - 6 Oz.	Do not apply within 15 days of harvest.
Sugar Beets	Aphids, Blister Beetles, Flea Beetles, Leafhoppers, Leafminers, Weevils	6 Oz.	Do not apply within 15 days of harvest.
Agave	Cutworms, Mole Crickets, White Grubs	5 Pts.	Preplant soil treatment.
	Wireworms	5 Pts.	See Below
Tobacco	Aphids, Flea Beetles, Suckfly	2-3/4 - 6 Oz.	No application within 5 days of pruning or 15 days of cutting.
	Vegetable Weevil, Hornworm	8 Oz.	
	Sand Wireworm, Southern Potato Wireworm	2 Pts.	See Below

100-100

FRUIT AND BERRY CROPS

Crop	Insects	Dosage Oz./1000	Limitations
Apple Apricot	Codling Moth	4 Oz.	2 or more sprays.
		10 - 12 Oz.	Apply at petal fall and every 7-10 days until control is achieved. Do not apply within 14 days of harvest.
Apple	Red Banded Leafroller, Leafrollers	2-3/4 Oz.	1 st. cover spray for first brood.
		4 - 6 Oz.	2 or 3 cover sprays for 2 nd and 3 rd brood.
Apple Apricot Cherry Peaches Pears Plum Prune	Mealybug, Orange Tortrix, Plum Curculio, Woolly Apple Aphid, Oriental Fruit Moth, Budmoth, Cankerworm, Cherry Fruit- worm, San Jose Scale, Crawlers, Forbes Scale, Miner Moth or Prune Moth Aphids, Catfacing Insects, Pear Blister, Mite, Leaf- hoppers, Leafrollers, Spider Mites.	4 Oz.	Apply when pests are present. Do not apply within 14 days of harvest, 15 days for cherries. For Oriental Fruit Moth and Plum Curculio apply at petalfall and every 10-14 days until control is achieved. For peaches, see below.
Apples Cherry Peaches Pear	Clover Mite, European Red Mite, Pacific Mite, Willamette Mite, Schoenli Mite, Two-spotted Mite, Aphids, Fruit Tree Leaf- roller, Green Apple Aphid, Grasshoppers, Red Bug, Rosy Apple Aphid, Shot Hole Bore Pear Psylla	2-3/4 Oz.	Repeat at 7-10 day intervals until control is achieved. Do not apply within 14 days of harvest, 15 days for cherries. For peaches, see below.

Crop	Insect	Dosage Oz./1000	Limitations
Berries (Black- berry Blueberry, Boysenberry, Currants, Dewberry, Gooseberry, Loganberry, Raspberry)	Red-Necked Cane Borer	5-1/3 - 8 Oz.	Apply before fruit sets or after harvest.
	Thrips, Aphids, Red Spider Mite	4 - 6 Oz.	
	Blossom Weevil	5-1/3 - 8 Oz.	
	Cherry Fruitworm, Cranberry Fruit Worm, Plum Curculio	3-2/3 Oz.	
	Imported Currant Worm	2-3/4 Oz.	
Citrus (Oranges, Lemons, Limes, Kumquats, Grapefruit, Mangos, Pineapples)	Florida Red Scale, Purple Scale, Cottony Cushion Scale, Mealy Bugs, Snow Scale	4 - 6 Oz.	Do not apply within 14 days of harvest. For citrus thrips, apply at petalfall. For other pests make full coverage spray.
	California Red Scale, Yellow Scale	10 Oz.	
	Citricola Scale, Citrus Thrips, Fruit Tree Roller	1-1/2 Pts.	
	Black Scale Aphids	6 - 10 Oz.	
	Orange Tortrix	1 Pt.	
Strawberries	Leafrollers, Spider Mites, Strawberry Fruit- worm, Omniverous Leafhopper, Spittlebugs, Potato Leafhopper	5-1/3 Oz.	Apply at 7-10 day intervals. Do not apply within 14 days of harvest.
	Aphids, Red Spider Mites, Lesser Corn Stalk Borer, Pomegranates	4 Oz.	
	Lycus Bugs, White Flies	5 Pts.	

Right Panel
(Cont'd)

Crop	Insect	Dosage Oz./100G	Limitations
Strawberries (Cont'd)	Strawberry Root Weevil (Adults)	4 Oz.	Make application immediately after harvest. Make second application 10 days later.
	Strawberry Root Weevil (Larvae)	6 Oz.	Make application to soil surface before planting and work into top 6 to 8 inches.

On Peaches - Areas other than California - Full coverage spray for control of scale insects. Do not apply within 14 days of harvest. Do not apply more than 5 pounds actual parathion per acre per year.
California - Do not apply more than once after bloom. Do not apply more than 5 pounds actual parathion per acre between January 1, and harvest. Do not apply within 21 days of harvest.

For wireworm control, make preplant soil application and disk into top 4-6 inches of soil. Keep livestock and humans from treated area for 48 hours. Do not contaminate ponds and streams.

On fruits, do not apply within 14 days of harvest, 15 days for cherries.

On caneberries, do not apply within 15 days of harvest, 30 days for currants.

Do not apply to forage crops during bloom stage to prevent injury to bees. If necessary to treat during bloom stage, remove or cover bees.
Persons engaged in cutting or priming treated tobacco should avoid plant juices coming in contact with the skin.

Do not apply to apricots until the danger of bee poisoning has passed.