

Best Available COPY

9779-34

# RIVERSIDE METHYL PARATHION-4E

### USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING

(1) Wear water-proof pants, coat, hat, rubber boots or rubber overshoes. (2) Wear safety goggles. (3) Wear mask or respirator approved by the U.S. Bureau of Mines for methyl parathion protection. (4) Wear heavy duty, natural rubber gloves.

### WORK SAFETY RULES

Keep all unprotected persons and children away from treated area or where there is danger of drift.

Do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. Call a doctor (physician), clinic or hospital — immediately. Explain that the victim has been exposed to methyl parathion and describe his condition. After first aid is given (see First Aid Treatment Section) and if a doctor cannot come, take victim to clinic or hospital.

**IMPORTANT!** Before removing gloves, wash them with soap and water. Always wash hands, face and arms with soap and water before smoking, eating or drinking.

**AFTER WORK** Take off all work clothes and shoes. Shower, using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Respirator should be cleaned and filter replaced according to instructions included with respirator.

### POISON SIGNS (Symptoms)

Methyl 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, drooping or itching 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 methyl 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 anything 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 5 to 10 minute intervals until signs of atropinization appear. 2-PAM chloride is also antidotal and may be administered in conjunction with atropine. DO NOT GIVE MORPHINE OR TRANQUILIZERS. Methyl 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.

### POST TREATED AREA

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


ACTIVE INGREDIENTS:	
O,O-dimethyl O-p-nitrophenyl phosphorothioate*	45.4%
Xylene	11.4%
Aromatic Petroleum Distillate	39.2%
INERT INGREDIENTS:	4.0%
TOTAL:	100.0%

\*Methyl Parathion  
Contains 4 Pounds, Methyl Parathion per gallon.

## STOP — READ LABEL BEFORE USING!

**POISON**

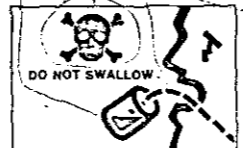
SEE SIDE PANELS FOR ANTIDOTE AND PRECAUTIONS




**DANGER**

KEEP OUT OF THE REACH OF CHILDREN


**NOT FOR HOME USE**



**DO NOT SWALLOW**



**DO NOT TOUCH**



**DO NOT BREATHE**

**CAN KILL IF SWALLOWED**  
This product can kill you if swallowed even in small amounts; spray mist may be fatal if swallowed.

**CAN KILL BY SKIN CONTACT**  
This product can kill you if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes.)

**CAN KILL IF BREATHED**  
Breathing vapors or spray mist may be fatal.

**POISONOUS TO FISH AND WILDLIFE**  
This product is toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Keep out of any body of water. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur.

### GENERAL INFORMATION

RIVERSIDE METHYL PARATHION-4E is useful for the control of certain insect pests of cotton, alfalfa, certain small grains (barley, oats, rye, wheat), and soybeans.

RIVERSIDE METHYL PARATHION-4E may be applied by ground sprayers or by airplanes, mixing the RIVERSIDE METHYL PARATHION-4E in water to form an emulsion spray solution. To make the spray solution, half fill the spray tank with water, agitate, add the proper amount of RIVERSIDE METHYL PARATHION-4E, and then fill the spray tank with water while still agitating. Continue to agitate during use.

When applying with ground sprayers calibrate so as to apply the recommended amount of RIVERSIDE METHYL PARATHION-4E in not less than 3 gallons of water per acre. Airplanes should apply the recommended amount of RIVERSIDE METHYL PARATHION-4E in 3 to 10 gallons of water per acre. Always use sufficient water for adequate coverage of the crop foliage.

### READ ENTIRE LABEL BEFORE USING THIS PRODUCT

Use of this product in a manner not in accordance with the information on this label may injure or kill humans, domestic animals, wildlife, aquatic life, desirable plants, create excessive and unlawful chemical residues or produce other undesirable results.

### DIRECTIONS FOR USE

**COTTON** — When applying RIVERSIDE METHYL PARATHION-4E by ground sprayers to cotton use as follows:

**Early Season** — For control of Aphids, Thrips, and Red Spider Mites make two to three applications of 1 pint of RIVERSIDE METHYL PARATHION-4E per acre per application, starting when the cotton comes to a stand or when inspection shows these insects to be present.

**Mid-Season** — Start Mid-Season applications when the cotton starts squaring. Apply 1 pint of RIVERSIDE METHYL PARATHION-4E per acre per application for control of Aphids, Boll Weevils, Fleahoppers, Rapid and Tarnished Plant Bugs, and Red Spider Mites, making four or five applications at weekly intervals.

**Late Season** — Start treatments when Boll Weevil infestations reach 10% or more, or when infestations of other damaging insects controlled by RIVERSIDE METHYL PARATHION-4E are noticed. Apply 1 to 2 pints of RIVERSIDE METHYL PARATHION-4E depending upon the severity of the infestation at 3 to 4 day intervals until the infestation is brought under control. Late season insects controlled by 1 to 2 pints of RIVERSIDE METHYL PARATHION-4E per acre include Boll Weevil, Cotton Leafworm, Fleahoppers, and Red Spider Mites. For control of the Bollworm apply 1 quart of RIVERSIDE METHYL PARATHION-4E per acre per application at 3 to 4 day intervals until the infestation is brought under control.

When applying RIVERSIDE METHYL PARATHION-4E by airplane make the applications on the same timing schedule as for ground machine applications, but always apply the amounts given for Late-Season applications.

Do not apply RIVERSIDE METHYL PARATHION-4E within 7 days of hand picking or harvest. Workers entering cotton fields within 24 hours after application of RIVERSIDE METHYL PARATHION-4E should wear protective clothing.

**ALFALFA** — For control of the Spotted Alfalfa Achid apply 1/2 to 1 pint of RIVERSIDE METHYL PARATHION-4E per acre per application, depending upon the height of the alfalfa and severity of the infestation.

For control of Leafhoppers, Armyworms (up to 3rd instar), and Mites, apply 1 1/2 quarts of RIVERSIDE METHYL PARATHION-4E per acre per application.

For control of Alfalfa Weevil Larvae apply 1 1/2 pints of RIVERSIDE METHYL PARATHION-4E per acre when alfalfa buds and shoots first appear tagged or when larvae count reaches 25 per sweep.

Do not apply RIVERSIDE METHYL PARATHION-4E to alfalfa later than 20 days before harvesting or grazing.

**SMALL GRAINS** — (Barley, Oats, Rye, Wheat) — For control of Aphids (Green Bug) apply 1 to 1 1/2 pints per acre per application, depending upon the severity of the infestation. For control of Armyworms (up to 3rd instar) and Leafhoppers apply 1 1/2 pints of RIVERSIDE METHYL PARATHION-4E per acre per application.

Do not apply RIVERSIDE METHYL PARATHION-4E to small grains later than 15 days prior to harvest.

**SOYBEANS** — For control of Stink Bugs, Three-Cornered Alfalfa Hopper, and Velvet Bean Caterpillar apply 1 to 1 1/2 pints of RIVERSIDE METHYL PARATHION-4E per acre. Do not apply RIVERSIDE METHYL PARATHION-4E to soybeans later than 20 days prior to harvest. Do not apply more than two applications per growing season.

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.

**DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME.**

### DISPOSAL OF CONTAINER AND WASTES

This container should not be reused for ANY purpose. When empty, it should be rendered useless by punching large holes in the top, bottom, and sides with an instrument such as an axe. It should then be mashed as flat as possible and buried underground as deep as practical, with at least 18 inches of soil covering. This should be done in an isolated area, away from habitation, and in a location which would not drain into, or cause pollution of lakes, streams, or ponds. Any spray wastes or spillage resulting from the application of this material or the destruction of the container should be neutralized with a caustic solution and buried in a pit with the disposed container.

### NOTICE:

RIVERSIDE CHEMICAL COMPANY warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but when used in accordance with directions under abnormal conditions, or under conditions of use for a purpose other than that for which it was intended, the product is sold as is, without warranty. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to RIVERSIDE CHEMICAL COMPANY, and buyer assumes the risk of any such use.

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NET CONTENTS



**RIVERSIDE CHEMICAL CO.**

DIVISION OF COOK INDUSTRIES, INC., BIRMINGHAM, TENN. 38116  
Plants at Marks and Canton, Miss.; Blytheville and Pine Bluff, Ark.; Montgomery and Decatur, Ala.; Rayville, La. and Jackson, Tenn.

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ACCEPTED  
AUG 8 1972  
UNDER THE FEDERAL PESTICIDE  
CONTROL ACT  
FOR THE REGISTERED  
ED USE OF THE SUBJECT  
TO ATTACHED COMMENTS.

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