

9779-153

RIVERSIDE MAL-METHYL 44

AN EMULSIFIABLE CONCENTRATE CONTAINING 4 POUNDS OF PREMIUM GRADE MALATHION AND 4 POUNDS OF METHYL PARATHION PER GALLON. USEFUL FOR THE CONTROL OF CERTAIN INSECT PESTS OF BEANS (Dry and Green), COTTON, SMALL GRAINS (Barley, Oats, Rye, Wheat), SOYBEANS, AND TOBACCO.

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-malathion combination 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-malathion combination 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 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 methyl parathion-malathion combination 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 soupy 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—For patients believed to be suffering from methyl parathion poisoning 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 may occur after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

Malathion exerts a mild to moderate cholinesterase inhibitory action of a lesser degree than that commonly associated with methyl parathion.

Atropine and 2-PAM chloride have been shown to be effective antidotes.

POST TREATED AREA

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

ACTIVE INGREDIENTS:	
Malathion (O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate)	40.0%
O,O-dimethyl O-p-nitrophenyl phosphorothioate	11.6%
Aromatic Petroleum Solvent	8.2%
INERT INGREDIENTS:	
Methyl Parathion	
Contains 4 pounds of Premium Grade Malathion and 4 pounds of Methyl Parathion per gallon.	
TOTAL:	100.0%

STOP - READ LABEL BEFORE USING!

POISON



DANGER

SEE SIDE PANELS FOR ANTIDOTE AND PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN

NOT FOR HOME USE



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
This product can kill you if vapors or spray mist are breathed.

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.

HIGHLY TOXIC TO BEES
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.

GENERAL INFORMATION
RIVERSIDE MAL-METHYL 44 is useful for the control of certain insect pests of beans (dry and green), cotton, small grains (barley, oats, rye, wheat), soybeans, and tobacco.

RIVERSIDE MAL-METHYL 44 may be applied by ground sprayers or by airplanes, mixing the RIVERSIDE MAL-METHYL 44 in water to form an emulsion spray solution. To make the spray solution, fill the spray tank with water, agitate, add the proper amount of RIVERSIDE MAL-METHYL 44, 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 MAL-METHYL 44 in not less than 3 gallons of water per acre. Airplanes should apply the recommended amount of RIVERSIDE MAL-METHYL 44 in not less than 1 gallon of water per acre. Always use sufficient water for adequate coverage of the crop foliage.

Where a dosage range is given use the lower rate on small or young plants or with light insect infestations; use the higher rate on large or mature plants or with heavy insect infestations.

The hazards and precautions for handling RIVERSIDE MAL-METHYL 44 in this container are equally applicable to it after dilution with water for spray application.

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

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

BEANS (Dry and Green)—For control of Aphids, Armyworms, Flea Beetles, Lygus Bugs and other Mirids, apply 1 to 3 pints of RIVERSIDE MAL-METHYL 44 per acre per application; for control of Cowpea Curculio, Cutworms, Japanese Beetle, Mexican Bean Beetle, and Stink Bugs apply 2 to 3 pints per acre per application. Repeat applications as necessary.

Do not apply later than 21 days before harvest.

COTTON—For control of Aphids, Boll Weevil, Cotton Leafworm, Garden Webworm, Grasshoppers, Fall Armyworm, and Red Spider Mites apply 1 1/2 to 1 pint of RIVERSIDE MAL-METHYL 44 per acre per application, for control of Cutworms, False Chinch Bugs, Fleahoppers, Leafhoppers, Lygus Bugs and other Mirids, apply 1 to 2 pints per acre per application, for control of Armyworms, Bollworm of Tobacco Budworm, Cabbage Looper, Saltmarsh Caterpillar, and Stink Bugs apply 2 pints per acre per application. Applications should be made at 3 to 5 day intervals until control is obtained.

Do not apply RIVERSIDE MAL-METHYL 44 within 7 days of handpicking or harvest. Workers entering cotton fields within 24 hours after application of RIVERSIDE MAL-METHYL 44 should wear protective clothing.

SMALL GRAINS (Barley, Oats, Rye, Wheat)—For control of Aphids (Greenbugs), Armyworms, Barley Thrips, Climbing Cutworms, Leafhoppers, and Western or Brown Wheat Mites apply 1 to 1 1/2 pints of RIVERSIDE MAL-METHYL 44 per acre per application; for control of Chinch Bugs, False Chinch Bugs, Grasshoppers, and Saw's Plant Bugs apply 1 1/2 pints per acre per application. Repeat applications as necessary.

Do not apply later than 21 days before harvest.

ACCEPTED

JAN 7 1974

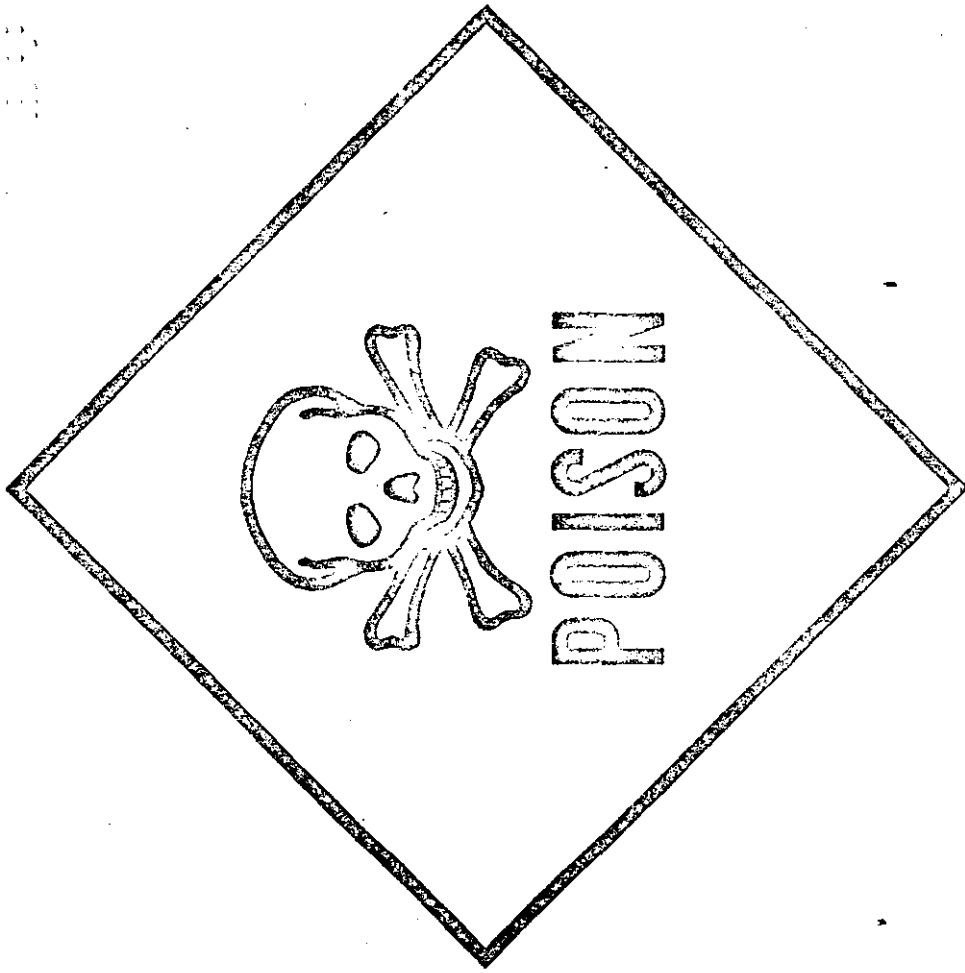
UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC POISON REGISTRATION UNDER NO.

This label prints in three colors; GREEN (IF INK# CF/339/03), RED (IF INK# UNK/100) and BLACK. See tissue overlay for color distribution. REAR

9779-153

1/7/1974

Page 122



BEANS—For control of Climbing Cutworms and Three-cornered Alfalfaoppers apply 1/2 pint per acre per application; for control of Garden Webworms apply 1/2 pint per acre per application. For control of Armyworms apply 1/2 pint per acre. For control of Tobacco Rootworms, Cabbage Looper, Fall Armyworm, apply 1 pint per acre; for control of Bollworms, Cabbage Loopers, Fall Armyworms to third instar, and Green Cloverworms, apply 2 pints per acre. Do not apply more than twice per growing season.

TOBACCO—For control of Green Peach Aphids apply 1/2 pint per acre; for control of Cutworms apply 1/2 to 1 pint per acre. Repeat applications as necessary.

CAUTION—When necessary to enter treated tobacco fields within 24 hours after application, protective clothing should be worn. Do not apply within 5 days of cutting tobacco. Avoid plant injury when pruning or cutting tobacco.

DISPOSAL OF CONTAINER AND WASTES
The 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 above it. This should be done in a remote area, away from buildings and roads, and should not be done in a shallow hole, or cause pollution of lakes, streams, or ponds.

Do not spray wastes or spillage resulting from the application of this material or the reapplication 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 purposes stated on the label when used in accordance with directions under normal conditions of use, but makes no warranty of fitness for any other purpose. The product is sold for the specific purpose, express or implied, intended to the use of this product conforming 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.

NET CONTENTS _____
P.A. REG. NO. 9779-150

MANUFACTURED BY
RIVERSIDE CHEMICAL CO.
A SUBSIDIARY OF COOK INDUSTRIES, INC., MEMPHIS, TN. 38115
Riverside serves agriculture. Agriculture serves everyone.

PRICE AT 57 1/2

P/15 54

ST 12 65