

FEB 18 1992

Ms. Alice C. Walker
Riverside/Terra Corporation
P.O. Box 171376
Memphis, Tennessee 38187

Dear Ms. Walker:

Subject: Revised labeling
Dithon 62
EPA Registration No. 9779-323
Your resubmission of November 20, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

The word "aerial" should appear only in the first description for applicators. Please delete the word "aerial" wherever else it appears in the restricted use statement.

Sincerely yours,

Dennis H. Edwards, Jr.

Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

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CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

(Front Panel)

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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 commercial aerial applicators or persons under their direct supervision. For use only by certified commercial aerial applicators. Direct supervision for this product is defined as the certified commercial aerial applicator being physically present during mixing, loading, repair and of cleaning of application equipment. Certified commercial aerial applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.

ACCEPTED
FEB 18 1992
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 9779-323

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DITHON 63

For use only on alfalfa, barley, corn, cotton, sorghum, soybeans, sunflower, and wheat.

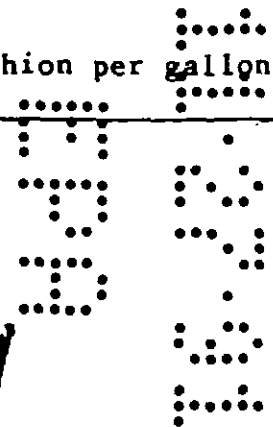
ACTIVE INGREDIENTS

O,O-diethyl O-p-nitrophenyl phosphorothioate*.....	56.3%
Related compounds.....	1.8%
O,O-dimethyl O-p-nitrophenyl phosphorothioate**...	28.0%
Related compounds.....	1.1%
INERT INGREDIENTS***.....	12.8%
	TOTAL 100.0%

- *Parathion (also known as ethyl parathion)
- **Methyl parathion
- ***Contains 7.3% of aromatic petroleum solvent.

Contains 6 pounds parathion and 3 pounds methyl parathion per gallon.

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(Front Panel)

STOP-READ LABEL BEFORE USING.

KEEP OUT OF REACH OF CHILDREN

DANGER
PELIGRO
POISON
VENENO



PRECAUCION
AL USUARIO
Si usted no lee ingles,
no use este producto
hasta que la etiqueta
le haya sido explicada
ampliamente.

STATEMENT OF PRACTICAL TREATMENT

FIRST AID TREATMENT + Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to parathion-methyl parathion and describe his condition.

IF BREATHING HAS STOPPED: Start artificial respiration immediately and maintain until doctor sees victim.

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, or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

IN CASE OF CONTACT: Immediately flush eyes or skin with plenty of water while removing contaminated clothing and shoes. See doctor immediately.

See additional PRECAUTIONARY STATEMENTS on side panel.

EPA Reg. No. 9779-323

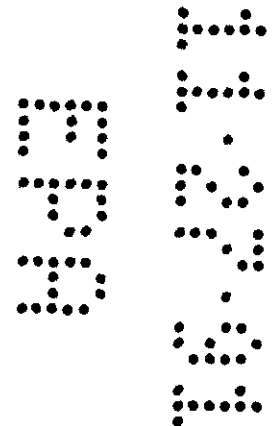
EPA Est. No. 9779-TX-3

Manufactured For
RIVERSIDE/TERRA CORPORATION

NET CONTENTS
_____ GALS.

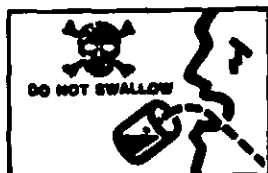
Terra Centre, 600 Fourth Street, Sioux City, Iowa 51101
Riverside Serves Agriculture. Agriculture Serves Everyone.

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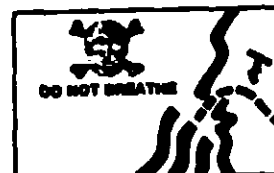
PRECAUTIONARY STATEMENTS
DANGER
HAZARDS TO HUMANS AND DOMESTIC ANIMALS



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.

WORK SAFETY RULES

The National Pesticide Telecommunication Network is available for recommendations regarding poisoning management, emergency treatment, and other information regarding the toxicity of parathion-methyl parathion. The toll free number for the National Pesticide Telecommunication Network is 1-800-858-7378. If handled indoors, provide mechanical exhaust ventilation. Keep all unprotected persons, children, livestock, and pets 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. See First Aid (PRACTICAL TREATMENT) section.

IMPORTANT! If pesticide comes in contact with skin, wash off with soap and water and contact a physician immediately. Always wash hands, face, and arms with soap and water before smoking, eating, drinking, or toileting.

AFTER WORK: Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Wear only clean clothes when leaving the job. Do not wear contaminated clothing. Personal clothing worn during work must be stored and laundered separately from protective clothing and household articles. Store protective clothing separately from personal clothing. Clean or launder protective clothing after each use. Respirators must be cleaned and filters replaced according to instructions included with the respirators. Protective clothing and protective equipment heavily contaminated or drenched with parathion-methyl parathion must be destroyed according to state and local regulations. Heavily contaminated or drenched clothing cannot be adequately decontaminated. During aerial application, human flaggers are prohibited.

POISON SIGNS (Symptoms)

Parathion-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.

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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, drooling or frothing of mouth and nose, muscle spasms and coma.

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. Parathion-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.

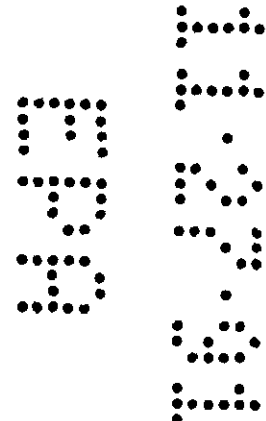
ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish and wildlife. Fish and other aquatic organisms in treated areas may be killed. Do not apply directly to water or wetlands (swamps, marshes, bogs, and potholes.) Run-off and drift from target areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters. This product is extremely toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

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RESTRICTIONS APPLICABLE TO ETHYL PARATHION

LIMITS ON APPLICATION

Aerial Application Only: This product may be applied aerially, and only by a certified commercial applicator as defined in FIFRA § 2(e)(3).

Areas Where Application Is Prohibited: This product may not be applied within 100 feet of buildings, public roads or bodies of water. Parathion may not be applied within 100 feet of property lines unless the owner of the adjacent property has given prior written consent to the application and has been informed of the timing of the application and the appropriate reentry requirements.

Drift Reduction Measures: Do not apply this product if the wind exceeds 10 miles per hour. Apply only from nozzles located not more than 75% of the distance from the center of the aircraft to the wing tip or helicopter rotor tip.

Notification to Land Owner: A certified commercial applicator shall not apply this product to a person's property unless the applicator has notified the person in writing no more than 12 months before the date of the application of: the requirement that crops treated with parathion be harvested mechanically; the appropriate reentry interval and the requirements concerning reentry set forth on this label; and the incident reporting requirements set forth on this label.

PROTECTION OF APPLICATORS, MIXER-LOADERS, AND MAINTENANCE PERSONNEL

Applicator Protection: The cockpit of the aircraft used to apply this product must be fully enclosed while the product is being applied. No pilot may apply this product if the pilot has earlier during the day of application performed any mixing/loading activities (other than acting as an observer) involving any pesticide product containing parathion.

Maintenance Personnel Protection: The following protective clothing and equipment must be worn during repair, cleaning of application equipment, and disposal of pesticide: waterproof-suit of one or two pieces covering all parts of the body except the head, hands, and feet; heavy-duty chemical resistant gloves; chemical resistant shoes (or chemical resistant shoe coverings or chemical resistant boots); goggles or face shield; hood or wide-brimmed hat; NIOSH approved respirator.

Mixer-loader Protection: An observer must be present during all mixing/loading activities in order to furnish assistance in the event of an accident. The observer may not act as a mixer-loader.

Any person involved in mixing/loading activities (other than the observer) must wear a cotton or other fabric coverall worn over a long-sleeved shirt and long pants, chemical resistant boots and gloves, and when the mixing/loading system is pressurized, a chemically resistant apron and a face shield or goggles.

The liquid pesticide must be removed from its original shipping container and transferred through connecting hoses, pipes, and/or couplings that are sufficiently tight to prevent handlers or other persons from extracting the parathion concentrate, use dilution, or rinsate solution. A complete seal by dry break or screw-on coupling to the opening of the original container shall be required.

All hoses, piping, tanks, and connections used in the system shall be of a type appropriate for the product being used and the pressure and vacuum levels involved. The system shall be designed and operated so that the concentrated form of this product is not under more than 25 psi of pressure at any point in the system beyond or downstream from a pump producing positive pressure. The closed system must be adequate to make necessary measurements of the product being used. External sight gauges shall be equipped with valves so that the flow of pesticide to the sight gauge can be shut off in case of breakage or leakage from the gauge.

Shut-off devices must be installed on the exit end of all hoses and at all disconnect points to prevent leakage of parathion when the transfer is stopped and the hose is removed or disconnected. If a hose carried parathion concentrate and has not been rinsed in accordance with the instructions in this section, a dry-couple shutoff device that will minimize parathion drippage to not more than 2 ml. per disconnect must be installed at the disconnect point. If the hose carried diluted-for-use parathion or rinsate solution, a reversing action pump or a similar system that will empty the hose and eliminate dripping of liquid from the end of the hose may be used as an alternative to a shut-off device.

In mixing/loading operations do not pour this product from its container. Before opening the container, make sure that the container is resting securely on the ground or a sturdy support, with the top (opening) end up and approximately level.

Remove the product from the container only by use of a vacuum-producing pump system connected to a probe system that is listed by the State of California under that State's program establishing criteria for closed-system handling of Toxicity Category I pesticides. Examples of California-listed systems are the Chemprobe® Model II system sold by Cherlor Mfg. Co., Inc., P. O. Box 2174, Salinas, CA 93902, telephone 408-422-5477 or the Protect-O-Loader Model XM-1 system sold by Protecto Mfg. Co., 20189 Firerock Road, Bend, OR 97701, telephone 503-382-6886. The probe system shall be screwed into the threaded opening in the top of the container to form a watertight connection, using appropriate adaptors provided by the probe manufacturer as necessary. The instructions provided by the seller of the probe system shall be followed, except that a removable probe may not be removed from the container until the container is empty and the container and probe have been thoroughly rinsed as required by this section.

The closed-system must provide for adequate rinsing of any removable probe and of all containers that are not labeled for return to the registrant. Rinsing must be done using a liquid that contains no pesticide. The rinsing system must be capable of spray-rinsing the inner surface of the container. The rinse solution shall be removed from the pesticide container concurrent with the introduction of the rinse medium. The rinse solution shall go into the pesticide mix tank or applicator vehicle via the closed system.

The system shall be rinsed according to the specifications of the manufacturer of the probe system, or, in the absence of such specifications, by moving at least one half of the container volume through the system. A minimum pressure of 15 psi shall be used for the spray rinse. Parathion containers shall be protected against excessive pressure during the container rinse operation. Measures shall be taken to prevent the spray rinse procedure from causing an increase in pressure on the inside of the container walls of more than 5 psi.

Either the operator of the closed system must have available at the time of operation a complete set of written instructions for proper operation of the system, or the certified applicator must document in writing before an operator uses the closed system that the operator has been adequately trained in the proper operation of the system.

INCIDENT REPORTING

A telephone notification must be made if mixing, loading, or use of a product containing parathion results in inadvertent or unexpected human exposure to the product or illness resulting from exposure to the product, spill of the product, an investigation by Federal, State or local authorities of allegations involving drift of the product, or the deaths of birds or other wildlife. The certified applicator or the owner of the treated land must notify by telephone the Chief, Compliance Branch, Office of Compliance Monitoring, U.S. EPA, at 202-260-3375 within seven days of becoming aware of the incident.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

STORAGE

Store in a dry location away from children, animals, foods, feeds, seeds, and other agricultural chemicals. Keep container closed when not using. Do not allow water into container as this may cause deterioration of product. Handle in accordance with information given under PRECAUTIONARY STATEMENTS. Do not store under conditions where temperature may exceed 120°F or below 45°F. Keep storage area locked when not in use. In the event of spillage or leakage, soak up material with absorbent clay, sand, sawdust, or other absorbent material while wearing appropriate protective equipment. Scrape up and dispose of in accordance with information given under PESTICIDE DISPOSAL. In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

DISPOSAL

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate 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.

CONTAINER DISPOSAL: Metal Containers--Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

GENERAL INFORMATION

Dithon 63 may be applied by airplanes mixing Dithon 63 in water to form an emulsion spray solution. To make the spray solution, half fill the spray tank with water while still agitating. Continue to agitate during use. :.:.:

Airplanes should apply the recommended amount of Dithon 63 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 DITHON 63 in this container are equally applicable to it after dilution with water for spray application.

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.

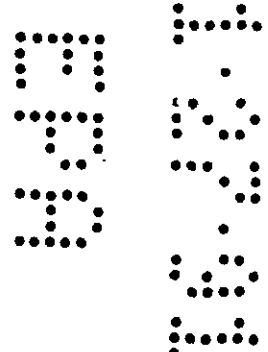
ALFALFA: For control of aphids (greenbugs), spotted alfalfa aphid, alfalfa weevil larvae, alfalfa caterpillars, armyworms (up to third instar), climbing cutworms and grasshoppers, use 1/3 to 2/3 pint per acre. For blister beetles, webworms and spider mites, use 1/2 pint per acre. For trotracid moths and clover leaf weevils, use 2/3 pint per acre. Do not apply if the crop or weeds in the treatment area are in bloom. Do not reenter treated fields for 3 days.

CORN (Field, Pop and Sweet): For control of rootworm adults, use 1/3 pint per acre. For aphids, armyworms up to third instar, fall armyworms, budworms, spider mites, and climbing cutworms, use 1/2 pint per acre. For stink bugs use 3/4 pint per acre. For European corn borer control use 3/5 pint per acre. Apply first spray when 75% of corn plants show shot-hole feeding and follow with two additional sprays at 5 to 7 day intervals. Use sufficient water per acre to provide complete coverage and be certain whorls of plants are well treated. Do not apply to corn during the pollen shed period. Do not apply Dithon 63 to corn within 12 days of harvest, cutting, or forage use. Do not reenter treated fields for 6 days.

COTTON: For control of cotton leafworms, fleahoppers Lygus bugs, red spider mites, thrips and garden webworms, use 1/2 pint per acre. For control of cabbage loopers and boll weevils, use 2/3 to 1 1/3 pints per acre. For bollworms and budworms use 1 1/3 pints per acre. For aphids, cotton leaf perforators, armyworms up to third instar, stink bugs and saltmarsh caterpillars, use 1 pint per acre. Application to cotton should be made at 4 to 5 day intervals until control is obtained. Do not reenter treated fields for 3 days.

SMALL GRAINS (Barley, Wheat): For control of armyworms up to third instar, fall armyworms, winter grain mites and thrips, use 1/4 pint per acre. For aphids (greenbugs) use 1/3 pint per acre. For grasshoppers and brown wheat mites, use 1/2 pint per acre. For climbing cutworms, leafhoppers and Say's plant bugs, use 1/2 to 3/4 pint per acre. For chinch bugs and false chinch bugs, use 1 pint per acre. Do not apply Dithon 63 to small grains within 15 days of harvest, pasturing, cutting, or forage use. Do not reenter treated fields for 3 days.

SORGHUM: For control of corn earworms, corn-leaf aphids, false chinch bugs and sorghum webworms, use 1/3 pint per acre. For sorghum midges, use 1/2 pint per acre. Leaf injury may occur on some hybrid varieties of sorghum. Spray a few rows a week or so before booting to test effects upon plants. Do not apply Dithon 63 to sorghum within 21 days of harvest, cutting or forage use. Do not reenter treated fields for 3 days.



SOYBEANS: For control of two-spotted mites, use 1/2 pint per acre. For stink bugs use 2/3 pint per acre. For bollworms, fall armyworms, green cloverworms, velvet bean caterpillars and webworms, use 7/8 pint per acre. Do not apply more than 2 applications per growing season. Do not apply Dithon 63 to soybeans within 20 days of harvest or forage use. Do not reenter treated fields for 3 days.

SUNFLOWERS: For control of beetles, grassoppers, seed weevil, moth, maggot, and stem weevil, use 1/2 to 1 pt. per acre. Do not apply more than 3 times at 5-day intervals per season. Do not feed seed to birds. Do not apply within 30 days of harvesting, pasturing, cutting or foraging. Do not reenter treated fields for 3 days.

NOTICE: Seller 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 neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express 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.

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