

DO NOT BREATHE

may be killed. Keep out of any body of water. Do not apply when weather conditions favor drift from treated area. Do not apply where runoff is likely to occur.

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.

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 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 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)

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, drooling or frothing of mouth and nose, muscles spasm and coma.

+ FIRST AID TREATMENT +

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to 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.** 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.

CONTAINER DISPOSAL

COMPLETELY EMPTY BAG AND DISPOSE OF WASTE PESTICIDE BY BURYING. BURN BAG IMMEDIATELY. STAY OUT OF SMOKE AND FUMES. DO NOT BREATHE SMOKE. BURY ASHES AND RESIDUE.

SA-50® BRAND MANZATE® DUST with 1% Parathion

ACTIVE INGREDIENTS:

Maneb (manganese ethylenebisdithiocarbamate) 5.6%
(Manganese equivalent as metallic 1.16%)

Parathion (O, O-diethyl O-p-nitrophenyl thiophosphate) 1.0%

INERT INGREDIENTS 93.4%

SUGGESTED FOR USE ON: 100.0%

Tomatoes and Potatoes for the control of early blight, late blight, grey leaf spot (*Stemphylium*), aphids and mites. Apply at weekly intervals and following rains, beginning when plants are established in the fields. Make 30 to 50 lb. per acre applications depending on the size of the plants. For control of late blight on maturing crops make 50 to 60 lb. per acre applications when applied by ground duster and 60 to 70 lb. per acre applications when applied by aircraft. Do not apply to tomatoes within 10 days of harvest or to potatoes within 5 days of harvest.

Cabbage and Cauliflower for the control of downy mildew and alternaria leaf spot, and aphids in plant beds. Begin applications 7 to 10 days after planting. Apply at 3-day intervals until plants are set. Clean, natural rubber gloves should be worn when handling treated plants. Apply 1 lb. per 1000 sq. ft. of bed. In the field apply when insects or diseases threaten, making 30 to 40 lbs. per acre applications at 5 to 7-day intervals as needed for control. Do not apply within 10 days of harvest.

Cucumbers, Squash, and Melons for the control of downy mildew, anthracnose, and aphids. Apply at weekly intervals and following rains. Under severe conditions applications at closer intervals may be necessary. Make 30 to 50 lb. per acre applications beginning when disease threatens or when plants become established in the field. For cucumbers do not apply before plants begin to vine. Do not apply to cucumbers or squash within 15 days of harvest or to melons within 7 days of harvest. When cucurbits are in bloom do not apply until late afternoon to reduce injury to bees.

Follow directions carefully. Timing and method of application, weather and crop conditions, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

NOTE: This is a combined fungicide-insecticide dust mixture and is intended for use only when the combined control of the listed insects and diseases is necessary. When insect or disease controls do not need to be combined, dusts containing insecticides or fungicides only are available. Control of these insects or diseases other than within the time intervals indicated may be necessary. Before applying consult appropriate state or federal agricultural authorities for timing of application and control materials recommended for complete insect and disease control programs. Dosages and timing indicated are suggested only and may not give satisfactory control under all conditions. Do not exceed maximum dosages indicated. Do not apply dust until foliage is completely dry.

Manzate is a registered trade mark of E. I. DuPont DeNemours & Co., (Inc.)

Southern Agricultural Insecticides, Inc.

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EPA Reg. No. 829-73

NET WEIGHT