

RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

2% PARATHION DUST

ACTIVE INGREDIENT:

PARATHION (O, O-diethyl O-p-nitrophenyl thiophosphate)

2%

INERT INGREDIENTS:

98%

ACCEPTED

JUL 27 1978

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, this pesticide
is registered under
EPA Reg. No. _____

42463-39

TOTAL

100%



DANGER



KEEP OUT OF REACH OF CHILDREN

DIRECTIONS

TOBACCO PLANT BEDS: For control of Flea Beetle, Midge and Crane fly larva, Vegetable Weevil, Aphid, 1 to 1 lb. to 100 square yards. Make 1 to 4 applications as required. Dust ground in burrowed areas. **TOBACCO PLANTS IN FIELD:** For control of Aphids, Suck Fly and Split Worm use 7 1/2 - 15 lbs. per acre. For Flea Beetle control use 5 - 12 1/2 lbs. per acre. Apply dust thoroughly to all parts of plants. Repeat if necessary. Make no application within 5 days of pruning or 15 days of cutting. Avoid plant juices coming in contact with skin or those persons engaged in cutting or pruning tobacco.

COTTON: Red Spiders—apply 13 lbs. per acre. Make 2 to 3 applications at 5 to 7 day intervals when leaves first begin turning yellow or reddish brown. Aphids—apply 13 lbs. per acre when honeydew first appears and leaves begin to curl downward. Do not apply to cotton within 7 days of late picking or harvest.

CABBAGE: Diamondback Moth, Imported Cabbage Worm, Armyworm, Aphids, Thrips—Use 20 to 25 lbs. per acre. Repeat as necessary. Do not apply within 10 days of harvest.

BEANS: Beans Mexican Bean Beetle, Leafhoppers, Aphids, Red Spiders, Leaf Rollers, Leaf Miners. Use 20 lbs. per acre. Repeat as necessary. On Beans do not apply within 15 days of harvest, on Peas 10 days of harvest.

Do not graze dairy animals or animals being finished for slaughter on crop land receiving late applications of Parathion.

This product will kill fish and wildlife. Birds feeding on treated areas may be killed. Do not apply where birds are likely to occur. Do not apply when weather conditions favor drift from areas treated. Keep out of any body of water. Apply this product only as specified on this label. Do not contaminate water by cleaning of equipment or disposal of wastes. Dispose of waste by burying in non-crop lands away from water supplies. Containers should be destroyed by burning. Keep out of smoke.

DANGER MAY BE FATAL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN. Do not get in eyes or on skin. Wear natural rubber gloves, protective clothing and goggles. In case of contact wash immediately with soap and water. Wear a mask or respirator of a type passed by the U.S. Bureau of Mines for Parathion protection.

ATROPINE IS AN ANTIDOTE. CONSULT PHYSICIAN FOR EMERGENCY TREATMENT. ATROPINE—A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED PARATHION POISONING. If symptoms or signs of poisoning include blurred vision, abdominal cramps and tightness in the chest, don't wait for a doctor but give two atropine tablets (each 1-100 gr.) at once. Remove patient immediately from the area where parathion is present. Remove contaminated clothing and wash the skin clean with plenty of soap and water to remove all traces of parathion. If swallowed, induce vomiting by giving salty or soapy water. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

This product is highly toxic to bees exposed to direct treatment of residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

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. Exposure to it 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 twitching of mouth and nose, muscle spasms and coma.

FIRST AID TREATMENT: Call a doctor (physician) and 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, induce vomiting by giving 1 to 2 glasses of water quickly. If unconscious, give 1 to 2 glasses of water by sticking finger down the throat, 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 available as soon as symptoms are noted. Repeat at 5 to 10 mg. intervals until signs of atropinization appear. 2-PAM chloride is also an antidote 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 produces convulsions and respiratory depression. At first signs of atropine action 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 post-treated areas.

NOTICE OF WARRANTY: Seller's guarantee shall be limited to the terms of the label and subject thereto. The buyer assumes all risk of injury or damage to crops or livestock from the use of this product on these conditions.

EPA Reg. No. 240-140

EPA Est. No. 240-NC-1

MANUFACTURED BY

D. LY-HERRING COMPANY

Kinston, North Carolina 28501

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (& DOMESTIC ANIMALS)

CAUTION

Harmful if swallowed. May be absorbed through skin. Avoid breathing dust and contact with eyes, skin, and clothing. Keep children and pets off treated areas until this material is washed into the soil and grass is dry. Wash thoroughly after handling and before smoking or eating. Avoid storage near food and feed.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on the label.

NOTE TO PHYSICIAN

If symptoms of cholinergic poisoning occur, administer atropine therapeutically.

DIRECTIONS

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DISPOSAL

Do not reuse empty container. Wrap container and put in trash collection.

LAWNS

OVERALL APPLICATION:

Diazinon Granules control the following insects on both grass and dichondra lawns: Chinch Bugs, Earwigs, Chiggers, Ants, Lawn Moths (Sod Webworm), Bermuda Mites, Crickets, Armyworms, Brown Dog Ticks, Clover Mites, Cutworms, Fleas, Leafhoppers, Sowbugs, Millipedes, Springtails (Collembola).

Apply Diazinon Granules to your lawn with a fertilizer spreader at the rate of 2-3 lbs. per 1,000 sq. ft. (an area 20' by 50') or 3.2-4.8 oz. per 100 sq. ft. (an area 10' by 10'). Application should be made when grass is dry. Water lightly after application. Repeat as necessary.

NOTE:

The spreader settings listed below are approximate. Accurately weigh a few pounds into your spreader and apply to a measured area. Then adjust spreader setting if necessary, in order to assure correct rate of application.

SPREADER SETTING NO. (per 1000 sq. ft.)

Spreader Make and Model	Gross or Dichondra Lawn - 2 lbs	St. Augustine Lawn - 3 lbs	White Grubs, Billbugs - 2 1/2 lbs
Central Imperial Mark No. 1652-G	6 1/2	7 1/2	7
Central Suburbia Lawn Spreader - No. 1622-0	6 1/2	7 1/2	7
Cyclone Model 81 Rotary	4 1/2	5	4 1/2
Greenfield Model 105	6 1/2	7 1/2	6 1/2
Ortho Drop Spreader Model 3000	4 1/2	5 1/2	5
Ortho Broadcast Spreader Model 4000	4 1/2	7	6
J. C. Penney Model 6005	7 1/2	8	7 1/2
J. C. Penney Rotary Spreader	5	7	6
Scott Model 35	4	5	4 1/2
Sears Craftsman Model 671.19198	6	7	6 1/2

For application with other types of equipment, apply at the rate of 2 lbs. per 1,000 sq. ft. or 3.2 oz. per 100 sq. ft. For heavy lawns, application should be increased to 3 lbs. per 1,000 sq. ft. or 4.8 oz. per 100 sq. ft. For areas less than 500 sq. ft. apply by means of a shaker can.

For Billbugs and White Grubs of Japanese Beetle, European Chafer and Southern Chafer: Apply 2 lbs./8 oz. per 1,000 sq. ft. of lawn. Water grass thoroughly after application. For grub control make application any time between late Jul. and early October. For billbug control, apply when activity is first observed or when chewed or brown grass indicates damage from these insects. Repeat as necessary.

SPOT TREATMENT

Ants: Apply 1 1/2 teaspoons of 5% Diazinon Granules over and around each anthill.

Digger Wasps: Apply 1 1/2 teaspoons of 5% Diazinon Granules in and around each ground nest opening. Apply at dusk when insects are not active.

BAND TREATMENT AROUND FOUNDATIONS

The following insects are commonly found around or near foundations of homes as well as in the lawns. Certain of these may even enter the home:

Ants	Crickets	Millipedes
Brown Dog Ticks	Earwigs	Sowbugs
Clover Mites	Fleas	Springtails (Collembola)

For control apply a five foot band next to foundation. Distribute the granules uniformly using a rate of 3.2 oz. per each 5' by 20' area treated.

VEGETABLE INSECT PESTS

Vinegar flies (*Drosophila* spp.)

Tomatoes: Broadcast when flies first appear. Repeat in 7-10 day intervals or as required. 2 oz. per 250 sq. ft. or 1/2 to 3/4 oz. per 100 linear ft., 10-20 lbs. per acre.

Carrot Rust Flies

Carrots: Apply to seed furrow at planting. 4 oz. per 275 sq. ft. or 1 1/2 oz. per 100 linear ft., 40 lbs. per acre.

Cutworms (surface and subterranean)

Broccoli, Cabbage, Cantaloupes, Cauliflower, Celery, Collards, Cucumbers, Endive (escarole), Kale, Lettuce, Lima beans, Muskmelons, Parsley, Peas, Peppers, Potatoes, Snap beans, Spinach, Summer Squash, Sweet corn, Swiss chard, Tomatoes, Watermelons, Wintersquash: Apply broadcast just before planting. Work into soil immediately, 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms. 4-8 oz. per 275 sq. ft. or 1 1/2 to 3 oz. per 100 linear ft., 40-80 lbs. per acre. For Potatoes mix into soil 4-6 inches deep.

Mole Crickets

Broccoli, Cabbage, Cauliflower, Collards, Endive (escarole), Kale, Lettuce, Mustard, Peas, Radishes, Tomatoes, Turnips, Strawberries: Apply to plant beds or gardens 1-2 days before sowing seed or transplanting. Work into soil 1-2 inches immediately. 2 oz. per 275 sq. ft. or 1/2 oz. per 100 linear ft., 20 lbs. per acre. For strawberries, do not apply within 5 days of harvest.

Onion Maggots

Onions: Apply in furrow with seed at planting. 2 oz. per 275 sq. ft. or 3/4 oz. per 100 linear ft., 20 lbs. per acre.

Root Maggots

Broccoli, Brussels sprouts, Cabbage, Cauliflower: Apply broadcast and immediately work into soil 3-4 inches before seeding, either in seed bed or in garden or before transplanting. 4-6 oz. per 275 sq. ft. or 1 1/2 to 2 1/2 oz. per 100 linear ft., 40-60 lbs. per acre.

Radishes: Apply in seed furrow at planting. 3-4 oz. per 275 sq. ft. or 1-1 1/2 oz. per 100 linear ft., 20-40 lbs. per acre.

Turnips, Cabbage, Cauliflower, Broccoli: Apply in seed furrow at planting. 2 oz. per 275 sq. ft. or 3/4 oz. per 100 linear ft., 20 lbs. per acre.

Wireworms

Broccoli, Cabbage, Cantaloupes, Carrots, Cauliflower, Celery, Collards, Cucumbers, Endive (escarole), Kale, Lettuce, Lima beans, Muskmelons, Onions, Parsley, Peas, Peppers, Potatoes, Spinach, Summer squash, Sweet corn, Sweet potatoes, Swiss chard, Tomatoes, Watermelons, Wintersquash: Apply broadcast before planting and work into soil 4-8 inches immediately. 4-8 oz. per 275 sq. ft. or 1 1/2 to 3 oz. per 100 linear ft., 40-80 lbs. per acre.

Potatoes: Apply at planting, placing in bands 3-6 inches deep along both sides of furrow. 2-4 oz. per 275 sq. ft. or 3/4 to 1 1/2 oz. per 100 linear ft., 20-40 lbs. per acre.

Corn (field and sweet)

Corn rootworm larvae (*Diabrotica* spp.): Apply in 7 inch bands centered over corn rows at planting at the rate of 25-50 ounces per 1,000 linear feet of row.

Cutworm (surface and subterranean): For surface cutworms apply just before planting when larvae first appear and work into soil 1-2 inches immediately. Do not apply more than 1 lb. per acre.

For subterranean cutworms apply just before planting and work into soil 3-6 inches immediately. 4-6 oz. per 275 sq. ft. or 1 1/2 to 2 1/2 oz. per 100 linear ft., 40-60 lbs. per acre.

Fall armyworms: Apply over corn so granules fall into whorls when armyworms first appear. Repeat if necessary. 2-4 oz. per 275 sq. ft. or 3/4 to 1 1/2 oz. per 100 linear ft., 20-40 lbs. per acre.

Southwestern corn borers: Apply over corn so granules fall into whorls when second generation borers first appear. Repeat one week later. 2-4 oz. per 275 sq. ft. or 3/4 to 1 1/2 oz. per 100 linear ft., 20-40 lbs. per acre.

European corn borers: Apply so granules fall into whorls when 75% of plants show signs of borer feeding. Apply second application 7 days later if needed. For second generation borers, apply when field count shows 100 egg masses per 100 plants. 2-4 oz. per 275 sq. ft. or 3/4 to 1 1/2 oz. per 100 linear ft., 20-40 lbs. per acre.

Corn may be harvested immediately following last application. Do not feed treated forage to dairy or beef cattle or sheep within 10 days after foliar or over-the-corn applications excepting 1 1/2 lbs. of active ingredient per acre.