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DIUREX

#11658-1

DIURON WEED KILLER WETTABLE POWDER

BEST DOCUMENT AVAILABLE

ACTIVE INGREDIENT:
 Diuron [3-(3, 4-dichlorophenyl)-1, 1-dimethylurea] 80%
 INERT INGREDIENTS 20%

USDA REG. NO. 11464-1

**CAUTION! KEEP OUT
 OF REACH OF CHILDREN**

MAY CAUSE IRRITATION OF EYES, NOSE, THROAT, AND SKIN. AVOID BREATHING DUST OR SPRAY MIST. AVOID CONTACT WITH SKIN, EYES, AND CLOTHING. HARMFUL IF SWALLOWED. DO NOT REUSE EMPTY CONTAINER. DESTROY EMPTY CONTAINER BY PERFORATING OR CRUSHING AND BURYING IN A SAFE PLACE.

GENERAL INFORMATION

Chemico "Diurex" Diuron Weed Killer is a wettable powder to be mixed in water and applied as a spray for control of weeds. Effects are slow to appear and will not become apparent until the chemical has been carried into the root zone of the weeds by moisture.

IMPORTANT

Do NOT apply (except as recommended for crop use), or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do NOT use on lawns, walks, driveways, tennis courts, or similar areas. Prevent drift of the powder or spray to desirable plants. Do NOT contaminate domestic waters. Keep from contact with fertilizers, insecticides, fungicides, and so forth.

Thoroughly clean all traces of "Diurex" from application equipment immediately after use; otherwise, crop injury may result when equipment is used again. Flush tank, pump, hoses, and hoses with several changes of water after removing nozzle tips and screens (clean these parts separately).

DIRECTIONS

Before spraying, calibrate equipment to determine quantity of water necessary to uniformly cover the area to be treated. Carefully weigh proper amount of "Diurex" and mix into necessary volume of water. Water serves only as a carrier.

Material must be kept in suspension at all times by continuous agitation. Except for small areas, use fixed-horsepower power sprayers properly calibrated to insure constant rate of application. Operate in series should be used to or larger than 50 acres. Apply by mechanical or hydraulic means in the spray tank. If bypass or return line used, it should terminate at bottom of tank to minimize foam. Do not use for aeration. For general weed control in small areas, tank-type hand sprayer or sprayer can may be used; shake or stir thoroughly.

NET 50 LBS.

Manufactured for Chemico, a Division of **GASPRO** by Agri Chemical Manufacturers, Tel Aviv, Israel
 Honolulu, Hawaii 96804 / Branches Hawaii, Maui and Kauai

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DIUREX DIURON WEED KILLER

WETTABLE POWDER

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NON-CROP WEED CONTROL

"Diurex" is an effective general herbicide for the control of many annual and perennial grasses and herbaceous weeds on non-cropland areas where bare ground is desired. The degree of control and duration of effect will vary with the amount of chemical applied, soil type, rainfall, and other conditions. "Diurex" can be used at any time for non-cropland weed control, except when ground is frozen, provided adequate moisture is supplied by rainfall or irrigation. Best results are obtained if applied shortly before weed growth begins. If dense growth is present, remove tops and spray the ground.

GENERAL WEED CONTROL: To control most weeds for an extended period of time on non-cropland such as DITCHES, HIGHWAY, PIPELINE and RAILROAD RIGHT OF WAYS, PETROLEUM TANK FARMS, LUMBERYARDS, STORAGE AREAS, INDUSTRIAL PLANT SITES, and AROUND FARM BUILDINGS. Apply 5 to 20 lbs. of "Diurex" per acre to control most annual weeds. Use 20 to 40 lbs. per acre to control both annual and perennial weeds. Up to 50 lbs. per acre in heavy brush and weeds where a longer period of control is desired or when hard to kill, deep rooted perennial weeds such as Johnsongrass are present. In low rainfall areas, "Diurex" may not provide satisfactory control of hard to kill, deep rooted perennial weeds.

IRRIGATION AND DRAINAGE DITCHES: Apply 1 to 2 1/2 lbs. per 1,000 sq. ft. (10 to 100 lbs. per acre) for irrigation ditches apply during the non-crop season, and when ditch is not in use. To minimize runoff of "Diurex" with irrigation water and avoid crop injury, it is essential that it be fixed in the treated soil by moisture. Apply before expected seasonal rainfall, if possible when wind in the ditch is still calm. If rainfall has not yet occurred at 4 inches following the direct and before intended use of ditch, fill with water and allow to stand for 72 hours; drain off and waste remaining water before using ditch. Do not treat any ditch area into which roots of trees or other desirable plants may extend.

FOR SMALL AREAS: One half cupful of "Diurex" per 100 sq. ft. is approximately 50 lbs. per acre.

FOR SELECTIVE USE IN CROPS

"Diurex" should be used only in accordance with recommendations on this label.

"Diurex" Diuron Weed Killer selectively controls weed seedlings such as crabgrass, watergrass, foxtail, Johnsongrass, pigweed, proso millet, Sp. grass, needle, ragweed, chickweed, wild mustard, annual ryegrass, and morning glory, and broadleaf weeds. Any well established weed should first be eliminated by mechanical or other means. For best results, the soil should be well prepared and as free as possible from trash and clods. Unless otherwise directed, surface of the soil should not be cultivated or disturbed after application as efficiency may be reduced and/or crop injury may result. Sufficient moisture in the form of rainfall or irrigation is necessary after treatment to carry the chemical into the root zone of germinating weeds.

Application should be by fixed boom power sprayer properly calibrated to a constant speed and rate of delivery. Make certain spray equipment is clean (free of scale, rust, dirt, oil, and

pesticide poisons). Unless otherwise directed apply to surface of ground. Use sufficient water (2 1/2 to 10 gals. per acre of area actually sprayed) to provide thorough and uniform coverage. Spray nozzles must be shut off while starting, turning, slowing or stopping, or injury to the crop may result.

IMPORTANT: Unless otherwise directed, do not replant treated areas to any crop within two years after application as injury to subsequent crops may result.

SUGAR CANE IN HAWAII & PUERTO RICO: Apply 4 to 8 lbs. per acre as a broadcast spray prior to weed emergence after planting or after harvesting plant crop (for ratoon crop). A second and third application of 2 to 4 lbs. per acre may be made as needed by direct spray, overhead or over-embed case. Do not apply more than 3 treatments nor more than 20 lbs. (Puerto Rico) 12 lbs. (Hawaii) per acre between planting (or ratoon) and 1 1/2 years. Treated areas may be planted to a ratoon or pineapple one year after application.

PINEAPPLE IN HAWAII: Apply 1 to 3 lbs. per acre as a broadcast spray prior to weed emergence and shortly after planting. Use 1 lb. per acre after harvesting plant crop (for ratoon crop). For plant crop only, a second or third broadcast application may be made prior to harvest at the rate of 2 lbs. per acre at intervals of not less than 2 months. In ratoon crops, applications of 2 lbs. per acre may be made at intervals of 2 months. Do not apply more than 12 lbs. per acre per year or 12 lbs. per acre per year. Treated areas may be planted to pineapple or sugar cane only after first application.

BANANA: Apply 1 lb. per acre prior to weed emergence. Do not apply directly over plant leaves. For ratoon plant crop, apply 6 lbs. per acre as a directed spray. Repeat treatments as needed, but do not apply more often than 6 week intervals or more than a total of 12 lbs. Diurex per acre (of ground actually sprayed) in a 12 month period. Treated areas may be planted to sugar cane and pineapple after 1 year, to any other crop after 2 years.

BERMUDA GRASS PASTURES (heavily overgrazed): As a pre-emergence application, broadcast 10 lbs. per acre after 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 days after application. Do not graze or feed forage from treated fields to livestock within 70 days after application. Or as a pre-emergence application, broadcast 1 lb. per acre after spraying and after weeds are up to 4 inches tall. Do not graze or feed from treated areas to livestock within 70 days after application.

MACADAMIA NUTS: Apply 6 lbs. per acre as a directed spray to orchard floor in 12 to 14 days after harvest. Re-treat as needed but do not exceed 10 lbs. per acre per year. Do not graze or feed from treated orchards. Use material only which have been a total of at least 1 year.

NOTICE TO BUYER

SELLER makes no warranty, expressed or implied, concerning the use of this product other than that stated on the label. Buyer assumes all risk of use and/or handling of this material when such use is in handling is contrary to label directions.

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