

b.

Net contents



Granular
DYA-CIL

ACCEPTED

JUN 12 1968
UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTERED
UNDER NO. 62203 SUBJECT
TO ATTACHED COMMENTS.

Non-Selective Weed & Grass Killer

Active Ingredients:	
Diuron* (3-(3,4-dichlorophenyl)-1,1-dimethylurea	2.5 %
Bromacil (5-bromo-3-sec-butyl-6-methyluracil)**.....	4.00%
Inert Ingredients:	93.50%
	Total
	100.00%

*U.S. Pat. No. 2,655,445, E.I. du Pont de Nemours & Company

**U.S. Pat. Pending, E.I. du Pont de Nemours & Company

General Information

Dya-Cil is a non-selective weed killer containing two proven and highly effective herbicides. This combination provides a more broad range of weeds controlled than either compound used alone. This product is to be applied dry on non-cropland areas where bare ground is desired. Dya-Cil is non-corrosive, non-volatile, non-flammable, and is low in toxicity. The kill of weeds may be slow as the chemical is absorbed through roots of weeds and must be carried to root zone by moisture.

Use the higher levels of the dosage ranges on adsorptive soils (usually those high in organic matter or carbon).

Retreatment

Apply 40 to 120 lbs. per acre when annual weeds and grasses reappear on sites where weed growth has been controlled.

CAUTION

May irritate eyes, nose, throat, and skin. Avoid breathing dust. Avoid contact with skin, eyes and clothing.

Directions for use

For best results apply Dya-Cil just before or during the period of active growth of weeds. If dense growth is present, results will be improved if vegetation is removed before treatment. DO NOT apply when ground is frozen. Before applying, measure area to be treated and select rate per acre desired to get amount needed for treatment. Calibrate over a small area and get even coverage with the rate per acre selected. A seeder or granular herbicide applicator may be used. 2 1/3 cups of Dya-Cil per 100 sq. ft. is approximately 400 lbs. per acre rate.



7

IMPORTANT

DO NOT apply on or near desirable trees or other plants, or on other 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, drive ways, tennis courts, or similar areas. DO NOT apply near desirable plants. DO NOT contaminate domestic waters. Keep from contact with fertilizers, insecticides, fungicides and seeds. Thoroughly clean application equipment after use. DO NOT use equipment with which Dya-Cil has been applied, for applying insecticides, fungicides, and fertilizers, as plant injury may result.

NOTICE: Sellers guaranty shall be limited to the terms of the label and subject thereto. The buyer assumes any risk to persons or property arising out of use or handling, and accepts the product on these conditions.

General Weed Control

To control most weeds for an extended period of time on non-cropland areas such as Railroad and Pipeline Right-of-ways, Petroleum tank farms, Lumber yards, Storage areas, Industrial Plant sites, and around farm buildings; apply 60 to 120 lbs. per acre to control annual weeds and grasses such as foxtail, crabgrass, bromegrass, ragweed, and lambsquarters. To control perennial weeds and grasses, apply 140 to 240 lbs. per acre. This rate will control such grasses and weeds as bahiagrass, smooth brome, quackgrass, dog fennel, goldenrod, plantain and wild carrot. To control hard to kill perennial grasses such as Bermudagrass, Johnson grass, Dallis grass, Nutgrass, and Vasey grass; apply 300 to 600 lbs. per acre.

U.S.D.A. REG. NO. 6720-

ACCEPTED

6-12-68

UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND MITICIDE ACT FOR EGO REG. NO. 6720-55

CAUTION: KEEP OUT OF REACH OF CHILDREN



BEST DOCUMENT AVAILABLE



3

DIURON 80 WP

AQUATIC WEED KILLER

ACTIVE INGREDIENT:

Diuron (3-(3,4-Dichlorophenyl)-1, 1-Dimethylurea)	80%
INERT INGREDIENTS:	20%
	TOTAL 100%

CAUTION KEEP OUT OF REACH OF CHILDREN

HARMFUL IF SWALLOWED. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. IN CASE OF CONTACT, FLUSH WITH PLENTY OF WATER. FOR EYES -- GET MEDICAL ATTENTION.

USE PRECAUTIONS

Injury to or loss of desirable trees or other plants may result from failure to observe the following:

DO NOT apply (except as recommended), 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, drive-ways, tennis courts, or similar areas. Prevent drift of dry powder or spray to desirable plants. Do not contaminate domestic water. Keep from contact with fertilizer, insecticides, fungicides and seeds.

Thoroughly clean all traces of DIURON 80WP from application equipment immediately after use. Flush tank, pump, hoses, and boom with several changes of water after removing nozzle tips and screens (clean these parts separately).

GENERAL INFORMATION

DIURON 80WP WEED KILLER is a wettable powder to be used in water and applied as a spray for control of weeds. It is non-corrosive to equipment, non-flammable and non-volatile, and is to be used to control the following aquatic weeds in transient water drainage ditches located in non-crop areas and in irrigation ditches and canals for citrus.

WEEDS CONTROLLED:

- | | |
|--------------------------------|---------------------------|
| Najas, Quadalupensis, Flexilis | Sagittaria, Graminea |
| Utricularia, Purpurea | Sagittaria, Latifolia |
| Utricularia, Inflata | Ludwigia, Peplodes |
| Utricularia, Resupinata | Ludwigia, Peruviana |
| Utricularia, Foliosa | Ludwigia, Michauxiana |
| Utricularia, Cornuta | Hydrochloa, Carolinensis |
| Utricularia, Fimbriata | Myriophyllum, Brasiliense |
| Cabomba, Carolineana | Nymphaeaceae, Nuphar |
| Cabomba, Purcherrima | Nymphaeaceae, Odorta |
| Ceratophyllum, Demersum | Salix, Longipes |
| Ceratophyllum, Submersum | Salix, Nigra |
| Juncus, Effusus | Panicum, Hermitomon |
| Eleocharis, Acicularis | Panicum, Repens |
| Potamogeton, Illnonesnis | Panicum, Purpurascens |
| Hydrocotyle, Umbellatu | Paspallum, Fluitans |
| Hydrocotyle, Bonariensis | Typha, Domingensis |
| Pontederia, Lanceolata | Typha, Augustifolia |
| Pontederia, Cordata | Typha, Lalifolia |
| Eichornia, Crassipes | Salvinaceae |
| Eichornia, Aquatic Root | Plantonic Algae |
| Eichornia, Terrestrial Root | Chara Algae |
| Sagittaria, Lancifolia | Fillinentous Algae |

06227

BEST DOCUMENT AVAILABLE

3

DIURON 80WP AQUATIC WEED KILLER can be applied as a broadcast aerial spray and as a broadcast ground spray.

PREPARATION OF BROADCAST AERIAL SPRAY

To prepare 100 gallons of product, mix 160 lbs. of DIURON 80WP AQUATIC WEED KILLER with 100 gallons of water, then add 2 gallons of Nalco-Trol.

PREPARATION OF GROUND AERIAL SPRAY

To prepare 100 gallons of product, mix 80 lbs. of DIURON 80WP AQUATIC WEED KILLER with 100 gallons of water, then add 1 gallon of Nalco-Trol.

Directions for Use:

For control of NAJAS, QUADALUPENSIS, FLEXILIS; EICHORNIA, TERRESTIAL ROOT; SAGITTARIA, LANCIFOLIA; SAGITTARIA, GRAMINEA; SAGITTARIA, LATIFOLIA; HYDROCHLOA, CAROLINENSIS---Apply at the rate of 10 lbs. of DIURON 80WP AQUATIC WEED KILLER per surface acre.

For control of UTICULARA, PURPUREA; UTICULARA, RESUPINATA; UTICULARA, FOLIOSA; UTICULARA, CORNUTA; UTICULARA, FIMBRIATA; CABOMBA, CAROLINIANA; CABOMBA, PULCHERRIMA; CERATOPHYLLUM, DEMERSUM; CERATOPHYLLUM, SUBMERSUM; JUNCUS EFFUSUS; PATAMOGETON, ILLNONESNIS; HYDROCOTYLE, UMBELLATU; HYDROCOTYLE, BONARIENSIS; PONTEDERIA, LANCEOLATA; PONTEDERIA, CORDATA; LUDWIGIA, PELOIDES; LUDWIGIA, PERUVIANA, LUDWIGIA, MICHAIXRIANA; MYRIOPHYLLUM, BRASILIENSE---Apply at the rate of 15 lbs. of DIURON 80WP AQUATIC WEED KILLER per surface acre.

For control of CHARA ALGAE---Apply at the rate of 2 lbs. of DIURON 80WP AQUATIC WEED KILLER per surface acre.

For control of FILLENENTOUS ALGAE and PLANTONIC ALGAE---Apply at the rate of 1 lb. of DIURON 80WP AQUATIC WEED CONTROL per surface acre.

For control ELEOCHARIS, ACICULARIS; NYMPHAEACEAE, NUPHAR; NYMPHAEACEAE ODORTA; SALIX, LONGIPES; SALIX, NIGRA; PANICUM, HERMITOMON; PANICUM REPENS; PANICUM, PURPURASCENS; PASPALUM, FLUITANS; TYPHA, DOMINGENSIS; TYPHA, AUGUSTAFOLIA; TYPHA, LALIFOLIA; UTICULARA, RESUPINATA---Apply at the rate of 20 lbs. of DIURON 80WP AQUATIC WEED KILLER per surface acre.

DIURON 80 WP AQUATIC WEED KILLER may also be used as a Broadcast aerial spray for water column treatment for control of certain algae and certain floating aquatic plant species in Drainage Ditches, Drainage Canals, and Irrigation Ditches.

PREPARATION OF BROADCAST AERIAL SPRAY

To prepare 100 gallons of product, mix 160 lbs. of DIURON 80WP AQUATIC WEED KILLER with 100 gallons of water, then add 1 pint of Nalco-Trol.

For control of UTICULARA, INFLATA; EICHORNIA, CRASSIPES; AQUATIC ROOT--
-Apply as a Broadcast Aerial Spray at the rate of 4ppm.

For control of CHARA ALGAE---Apply as a Broadcast Aerial Spray at the rate of 2ppm.

For Control of FILLINNETOUS ALGAE and PLANTONIC ALGAE---Apply as a Broadcast Aerial Spray at the rate of .25ppm.

NOTICE: Seller's guaranty shall be limited to the terms of the label, and subject thereto. The buyer assumes any risk to persons or property arising out of the use or handling and accepts the product on these conditions.

EPA Est. No. 6720-F1-1

BEST DOCUMENT AVAILABLE



ACCEPTED

JUN 13 1963

670-55

DYA-CIL

Non-Selective Weed & Grass Killer

Active Ingredients:

Diuron* (3,4-dichlorophenyl)-1,1-dimethylurea	2.50%
Alomyl (5-bromo-3-sec-butyl-6-methylurea)†	4.00%
Inert Ingredients:	93.50%
Total	100.00%

*U.S. Pat. No. 2,655,445, E.I. du Pont de Nemours & Company

†U.S. Pat. Pending, E.I. du Pont de Nemours & Company

General Information

Dya-Cil is a non-selective weed killer containing two proven and highly effective herbicides. This combination provides a more broad range of weeds controlled than either compound used alone. This product is to be applied dry on non-cropland areas where bare ground is desired. Dya-Cil is non-corrosive, non-volatile, non-flammable, and of low toxicity. The kill of weeds may be slow as the chemical is absorbed through roots of weeds and must be carried to root zone by moisture.

Use the higher levels of the dosage ranges on adsorptive soils (usually those high in organic matter or carbon).

Retreatment

Apply 40 to 120 lbs. per acre when annual weeds and grasses reappear on sites where weed growth has been controlled.

CAUTION

May irritate eyes, nose, throat, and skin. Avoid breathing dust. Avoid contact with skin, eyes or clothing.

Directions for use

For best results apply Dya-Cil just before or during the period of active growth of weeds. If dense growth is present, results will be improved if vegetation is removed before treatment. DO NOT apply when ground is frozen. Before applying, measure area to be treated and select rate per acre desired to get amount needed for treatment. Calibrate over a small area and get even coverage with the rate per acre selected. A roller or granular herbicide applicator may be used. 2 1/3 cups of Dya-Cil per 100 sq. ft. is approximately 400 lbs. per acre rate.