

KROVAR® I DF HERBICIDE

DRY FLOWABLE

FOR WEED CONTROL ON NON-CROP LAND AREAS INCLUDING: RAILROAD RIGHTS-OF-WAY,
LUMBERYARDS, PIPELINE RIGHTS-OF-WAY, STORAGE AREAS, PETROLEUM TANK FARMS,
INDUSTRIAL PLANT SITES

COMMERCIAL

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

GUARANTEE: Diuron 40%
Bromacil 40%

REGISTRATION NO. 22964 PEST CONTROL PRODUCTS ACT



CAUTION

POISON

DANGER - EYE IRRITANT

NET CONTENTS: 20 KG

E. I. DU PONT CANADA COMPANY
AGRICULTURAL PRODUCTS
P.O BOX 2300, STREETSVILLE
MISSISSAUGA, ONTARIO
L5M 2J4
1-800-667-3925

PRECAUTIONS:**KEEP OUT OF REACH OF CHILDREN.**

May irritate eyes, nose, throat and skin.
Avoid breathing dust or spray mist.
Avoid contact with skin, eyes and clothing.
Do not contaminate any body of water.
Wash thoroughly with soap and water after use.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be allowed in the area during application.

Do not use in residential areas. Residential areas are defined as sites where bystanders including children may be potentially exposed during or after applying. This includes around homes, on school grounds, in parks, playgrounds, playing fields around public buildings or any other areas where the general public including children could be exposed.

The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow.

To reduce runoff from treated areas into aquatic habitats, consider the characteristics and conditions of the site before treatment. Site characteristics and conditions that may lead to runoff include, but are not limited to: heavy rainfall, moderate to steep slope, bare soil, poorly draining soil (e.g. soils that are compacted, fine textured or low in organic matter such as clay).

Avoid application of this product when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip (buffer zone) between the treated area and the edge of the water body.

Wear long pants, a long sleeve shirt, shoes and socks when handling this product. In addition, wear chemical resistant gloves during mixing, loading, cleanup and repair activities and during application when using a hand wand or a backpack/knapsack sprayer.

Avoid entry into treated area until spray has dried.

Wear a dust mask during mixing/loading.

FIRST AID:**INHALATION:**

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician or poison control centre, IMMEDIATELY.

SKIN CONTACT:

In case of contact, immediately wash skin with soap and plenty of water.

EYE CONTACT:

In case of contact, IMMEDIATELY flush eyes with plenty of clean water for at least 15 minutes. Call a physician or poison control centre IMMEDIATELY.

INGESTION:

If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician or poison control centre IMMEDIATELY.

Take container label or product name and Pest Control Product Registration Number with you when seeking medical attention.

For medical emergencies call 1-800-441-3637 (24 hours).

TOXICOLOGICAL INFORMATION: Treat symptomatically.

STORAGE:

Store product in original container only, away from other pesticides, fertilizer, seeds, food, or feed.

DISPOSAL:

1. Triple or pressure-rinse the empty container. Add the rinsings to the treatment site.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product contact the manufacturer or provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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<<DFU Booklet>>

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TOXICOLOGICAL INFORMATION: Treat symptomatically

IMPORTANT

Injury to or loss of desirable trees or other plants may result from failure to observe the following: DO NOT apply, 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 spray to desirable plants. DO NOT contaminate any body of water. Keep from contact with fertilizers, insecticides, fungicides and seeds.

Thoroughly clean all traces of KROVAR® I DF Herbicide from application equipment immediately after use. Flush tank, pump, hoses, and boom with several changes of water after removing nozzle and screens (clean these parts separately).

DO NOT APPLY BY AIR.

GENERAL INFORMATION

KROVAR® I DF Herbicide is a dry flowable to be mixed in water and applied as a spray on non-crop land areas where bare ground is desired. It is an effective general herbicide for the control of many annual and perennial weeds, and is particularly useful for control of perennial grasses. Effects are slow to appear and may not become apparent until the chemical has been carried into the root zone of the weeds by moisture.

The degree of control and duration of effect will vary with the amount of chemical applied, soil type, rainfall, and other conditions.

KROVAR® I DF Herbicide is non-corrosive to equipment, non-volatile, and non-flammable.

DIRECTIONS FOR USE

KROVAR® I DF Herbicide should be used only in accordance with recommendations on this label.

Apply KROVAR® I DF Herbicide just before or during the period of active growth of weeds. Sufficient moisture from rainfall or artificial means is necessary after treatment to carry the chemical into the root zone of the weeds. If dense growth is present, results will be improved if vegetation is removed before treatment. Do not apply when ground is frozen.

Before spraying, calibrate equipment to determine the quantity of water necessary to uniformly cover a measured area to be treated. Weigh the proper amount of KROVAR® I DF Herbicide and mix into the necessary volume of water (minimum of 20 L per kg of KROVAR® I DF Herbicide). Water serves only as a carrier.

Material must be kept in suspension at all times by continuous agitation. Except for small areas, use fixed-boom power sprayers properly calibrated to ensure constant rate of application. Openings in screens should be equal to or larger than 50 mesh. Agitate by mechanical or hydraulic means in the spray tank. If by-pass or return line is used, it should terminate at bottom of tank to minimize foaming. Do not use air agitation. For treating small areas, a tank-type hand sprayer or sprinkling can may be used; shake or stir frequently.

DO NOT apply by air.

Do not treat ditches, wellheads, bridge approaches. Do not treat sites that are adjacent to and surrounding water supply reservoirs, supply streams, lakes and ponds.

DO NOT apply directly to aquatic habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats. Do not contaminate the above aquatic habitats when cleaning and rinsing spray equipment or containers.

DO NOT apply during periods of dead calm or when winds are gusty.

Buffer zones: A buffer zone of 65 metres is required between the point of direct application and the closest downwind edge of sensitive aquatic habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

When a tank mixture is used, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

Apply no more than 33.75 kg of KROVAR® I DF Herbicide per hectare per year. Make no more than two applications per year.

GENERAL WEED CONTROL:

To control most weeds on non-cropland areas such as RAILROAD and PIPELINE RIGHTS-OF-WAY, PETROLEUM TANK FARMS, LUMBERYARDS, STORAGE AREAS, AND INDUSTRIAL PLANT SITES:

Apply 13.5 - 18 kg per ha to control annual and perennial grasses and most broadleaved weeds such as crabgrass, foxtail, pigweed, ragweed, quackgrass, wild carrot, and dandelion. Apply KROVAR® I DF Herbicide just before or during the period of active growth of weeds.

Use higher rates on soils high in organic matter (5% or more) or on clay soil in Eastern Canada. Use 13.5 kg rate on sand or sandy loam soils only.

RE-TREATMENT:

Apply 6.75 - 9 kg per ha when annual weeds and grasses reappear on sites where weed growth has been controlled.

FOR SMALL AREAS:

180 g of KROVAR® I DF Herbicide per 100 m² is equivalent to 18 kg per ha. Apply in a minimum water volume of 2 L per 100 g.

KROVAR® I DF Herbicide + TELAR® Herbicide TANK MIXTURE

TELAR® Herbicide may be tank mixed with KROVAR® I DF Herbicide for control of Canada thistle, field horsetail, kochia, Russian thistle, and dandelion, and other broadleaf weeds controlled by TELAR® Herbicide. Apply 120 grams TELAR® Herbicide per hectare with the re-treatment rate (6.75 - 9.0 kg/ha) of KROVAR® I DF Herbicide. Add a non-ionic surfactant registered for use with TELAR® Herbicide to the spray mixture at 1 Litre/1000 L (0.1% v/v).

Refer to the "Non-Crop Land" Section of the TELAR® Herbicide label for instructions on timing of application.

MIXING INSTRUCTIONS:

1. Fill the sprayer tank half full, and, with the agitator running, add the required amount of TELAR® Herbicide.
2. Add the rest of the water and then add the required amount of KROVAR® I DF Herbicide.
3. Add the required amount of surfactant.

STORAGE:

Store product in original container only, away from other pesticides, fertilizer, seeds, food, or feed.

DISPOSAL:

1. Triple or pressure-rinse the empty container. Add the rinsings to the treatment site.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
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