

1 of 4

PM 25  
352-352

Continued from back panel

### NON-CROP WEED CONTROL

For short-term control of annual weeds on non-cropland areas such as roadsides, storage areas, and plant sites, apply 4 to 6 lbs. per acre in 40 to 100 gals. of water. For extended control of annuals and partial control of perennials such as bermudagrass and nutsedge, apply 7 to 18 lbs. per acre. For control of hard-to-kill perennials such as bermudagrass, bouncingbet, dogbane, johnsongrass, nutsedge, and saltgrass, apply 19 to 40 lbs. per acre. Use the higher levels of dosage rates on adsorptive soils (high in organic matter or carbon). Best results occur when application is made just before weed emergence or in early stages of weed growth.

**Re-treatment:** Apply 4 to 6 lbs. per acre when annual weeds and grasses reappear on sites where weed growth has been controlled.

**Small Areas:** 1/4 cupful of "Krovar" 1 per 200 sq. ft. is approximately 15 lbs. per acre.



ACTIVE  
Bromoxynil  
Diuron

INERT  
EPA Reg. N

**ACCEPTED**  
AUG - 1 1984  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 352-352

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19 to 40 lbs. per acre.  
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is made just before  
weeds and grasses  
rolled.  
approximately 15 lbs.

# KROVAR<sup>®</sup> I

## HERBICIDE

### WETTABLE POWDER

<b>ACTIVE INGREDIENTS</b> .....	<b>80%</b>
Bromacil [5-bromo-3-sec-butyl-6-methyluracil] .....	40%
Diuron [3-(3,4-dichlorophenyl)-1,1-dimethylurea] .....	40%
<b>INERT INGREDIENTS</b> .....	<b>20%</b>
EPA Reg. No. 352-352	

**Keep out of reach of children.**  
**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS**

**CAUTION!** MAY IRRITATE EYES, NOSE, THROAT, AND SKIN.  
 Avoid breathing dust or spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.  
 Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

**STATEMENT OF PRACTICAL TREATMENT**  
 If on skin, wash with plenty of soap and water;  
 if in eyes, flush with plenty of water; get medical attention if irritation persists.

**ENVIRONMENTAL HAZARDS**  
 Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

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

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. Do not use in home fruit plantings nor in citrus orchards interplanted to other trees or desirable plants. Prevent drift of dry powder or 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 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).

## Net 5 lb

# E. I. du Pont de Nemours & Co. (Inc.)

Agricultural Chemicals Department, Wilmington, Delaware



**BEST AVAILABLE COPY**

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**GENERAL INFORMATION**

Du Pont "Krovar" I Herbicide is a wettable powder to be mixed in water and applied as a spray for selective control of weeds in citrus and for non-crop weed control.

"Krovar" I controls annual weeds such as barnyardgrass (watergrass), chickweed, crabgrass, filaree, fleabane, Florida pusley, foxtail, groundsel, horseweed, johnsongrass seedlings, junglerice, lambsquarters, natalgrass (red top), nightshade (annual), pigweed, pineappleweed, puncturevine, purslane, ragweed, sandbur (sandspur), shepherdspurse, sowthistle (annual), spanishneedles, wild lettuce, and wild mustard. At higher use rates, treatment controls certain perennial weeds such as balsamapple vine seedlings, bermudagrass, heart leaf, drymary, quineagrass and milkweed (strangler) vine seedlings; and provides suppression of established balsamapple vine and milkweed (strangler) vine. Effects on perennial weeds are slow to appear, usually progressing over a period of several months.

Moisture is necessary to activate the herbicide; best results are obtained if treatment is made to moist soil, and moisture is supplied by rainfall or sprinkler irrigation within two weeks after application. The degree and duration of control will vary with the amount applied, soil texture, rainfall, and other conditions.

# KROVAR<sup>®</sup> I

## HERBICIDE

**POWDER**

.....	80%
yluracil]	40%
ethylurea]	40%
.....	20%

**NOTICE OF WARRANTY**

Du Pont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Du Pont. In no case shall Du Pont be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. DU PONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

**NOTICE TO BUYER:** Purchase of this material does not confer any rights under patents of countries outside of the United States.

**STORAGE AND DISPOSAL**

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

**DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**of children.  
STATEMENTS  
HUMANS**

**YES, NOSE, THROAT, AND SKIN.**  
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**ICAL TREATMENT**

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equipment immediately after use. Flush tank, pump,  
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**5 lb**

**Wilmington & Co. (Inc.)**  
**Wilmington, Delaware**

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**BEST AVAILABLE COPY****DIRECTIONS FOR USE**

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

Du Pont "Krovar" I should be used only in accordance with recommendations on this label, or in separate published Du Pont recommendations available through local dealers.

Du Pont will not be responsible for losses or damages resulting from use of this product in any manner not specifically recommended by Du Pont. User assumes all risk associated with such non-recommended use.

Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

*Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Warnings must include the following information: "CAUTION. Area treated with "Krovar" I on (date of application). Do not enter without appropriate protective clothing until sprays have dried. In case of contact, flush eyes with plenty of water; wash skin with plenty of soap and water. Get medical attention if irritation persists.*

**CITRUS**

Apply any time of year provided overhead moisture (rainfall or sprinkler irrigation) is available to activate the herbicide, preferably just before or just after weeds have germinated.

Use only where trees have been established in the orchard for at least three years (except in Florida). Apply with a properly calibrated fixed-boom power sprayer as a band or broadcast treatment beneath and/or between trees. Use sufficient water (min. 40 gals. per acre) to obtain uniform coverage; avoid contact of foliage and fruit with spray or mist. Avoid overlapping, and shut off spray boom while starting, turning, slowing or stopping, or injury to trees may result. Continuous agitation in the spray tank is required to keep the material in suspension. Best results are obtained if application is made shortly before or shortly after weed growth begins; if dense growth is present, remove tops and spray ground. Do not graze cattle in treated areas.

Dosages are expressed as broadcast rates; for band treatment, use proportionately less.

**Annual Weeds**

**California, Arizona**—Best results occur when applied in late fall or early winter, but before winter annuals become well established. Application should be made after the first fall or early winter rains have settled the soil.

For the initial treatment, apply 4-5 lbs. per acre on coarse soils containing 1-2% organic matter and 5-6 lbs. per acre on fine soils, or soils with organic matter of 2½% or more and repeat annually as needed. Alternatively, apply 3-4 lbs. per acre in the fall and repeat at 2-4 lbs. per acre in the spring. Do not exceed 6 lbs. per acre per year. Use the higher range of rates where groundsel or puncturevine are known to be a problem. The higher rates will also suppress low density stands of bermudagrass and yellow nutsedge. Repeat annually.

**Texas, Louisiana**—Make a single application of 2 to 4 lbs. per acre on coarser soils (sands, loamy sands, sandy loams) and 4 to 6 lbs. per acre on finer soils (silt loams, clay loams, or soils with organic matter of 2½% or more); use the higher rates for maximum suppression of perennials. Alternatively, make two applications per year at rates of 2 lbs. per acre on coarser soils and 3 lbs. per acre on finer soils; make the second application when needed to maintain weed control.

**FLORIDA****Trees Established Less Than One Year:**

Apply 2 to 4 lbs. "Krovar" I per acre as needed to maintain weed control. Do not apply at less than 60-day intervals; do not apply more than 6 lbs. per acre during any 6-month period or more than 8 lbs. per acre during the first year.

**Trees Established One or Two Years:**

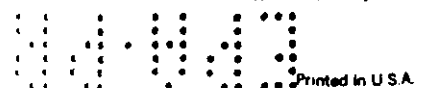
Apply 2 to 4 lbs. "Krovar" I per acre. A second application may be made when needed to maintain weed control, but do not exceed 8 lbs. per acre per year.

**Trees Established Three or More Years:**

Make one or two applications of 4 to 8 lbs. per acre. Make the second application when needed to maintain weed control. Do not apply more than 16 lbs. per acre per year.

**Note:** Temporary yellowing of citrus leaves may occur following treatment. Because injury to citrus trees may result: do not use on soils with less than 1% organic matter (½% in Florida), poorly drained soils, gravelly soils, nor thinly covered or exposed subsoils; do not treat trees planted in irrigation furrows; do not treat diseased trees such as those with foot rot. Do not replant treated areas to any crop within two years after last application as injury to subsequent crops may result, except that citrus trees may be planted one year after the last application.

Continued on side panel ▶

**INFORMATION**

powder to be mixed in water and used on weeds in citrus and for non-crop

such as barnyardgrass (watergrass), Florida pusley, foxtail, groundsel, gerlice, lambsquarters, natalgrass, pineappleweed, puncturevine, shepherdspurse, sowthistle (annual wild mustard). At higher use rates, weeds such as balsamapple vine seedling, quineagrass and milkweed suppression of established balsamapple. Effects on perennial weeds are slow and may require a period of several months.

herbicide; best results are obtained when adequate moisture is supplied by rainfall or irrigation after application. The degree and amount of control applied, soil texture, rainfall,

**WARRANTY**

This product conforms to the chemical description reasonably fit for the purposes stated in accordance with the directions. It is impossible to eliminate all risks of use of this product. Crop injury, or other consequences may result under certain conditions, presence of other weeds, or application; all of which are not a case shall Du Pont be liable for damages resulting from the use of such risks shall be assumed. **WARRANTIES OF MERCHANTABILITY PURPOSE NOR ANY OTHER PURPOSE EXCEPT AS STATED ABOVE.**

This material does not confer any rights in the United States.

**DISPOSAL**

Use only in original container only, away from children.

Do not use for food, or feed by storage or use of this product may be disposed of at a waste disposal facility.

Do not use on equipment. Then dispose of by incineration, or, if allowed by local regulations, if burned, stay out of smoke.



REG. U.S. PAT. & TM. OFF.

← Continued from Last panel

### NON-CROP WEED CONTROL

For short-term control of annual weeds on non-cropland areas such as roadsides, storage areas, and plant sites, apply 2 to 5 lbs. per acre in 40 to 100 gals. water. For extended control of annuals and partial control of perennials such as bermudagrass and nutsedge, apply 6 to 14 lbs. per acre. For control of hard-to-kill perennials such as bermudagrass, bouncingbet, dogbane, johnsongrass, nutsedge, and saltgrass, apply 15 to 30 lbs. per acre.

Use the higher levels of dosage rates on adsorptive soils (high in organic matter or carbon). Best results occur when application is made just before weed emergence or in early stages of weed growth.

**Retreatment:** Apply 2 to 5 lbs. per acre when annual weeds and grasses reappear on sites where weed growth has been controlled.

**Small Areas:** ¼ cupful of "Krovar" II per 200 sq. ft. is approximately 15 lbs. per acre.

**NOTICE TO BUYER:** Purchase of this material does not confer any rights under patents of countries outside of the United States.

**ACCEPTED**

**AUG - 1-1984**

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 352-352

# KROVAR

## HERBICIDE

### WETTABLE POWDER

**ACTIVE INGREDIENTS** . . . . .  
Bromacil [5-bromo-3-sec-butyl-6-methyluracil]  
Diuron [3-(3,4-dichlorophenyl)-1,1-dimethylurea]

**INERT INGREDIENTS** . . . . .  
EPA Reg. No. 352 351

**Keep out of reach of children.**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION!** MAY IRRITATE EYES.  
Avoid breathing dust or spray mist. Avoid contact with skin and clothing.  
Wash thoroughly with soap and water after handling.  
Do not apply this product in such a manner as to directly or indirectly contaminate food crops, feed, or water.  
The area being treated must be vacated by persons and animals.

**STATEMENT OF PRACTICE**

If in eyes: Flush with plenty of water. Get medical attention.  
If on skin: Wash with plenty of soap and water.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal.

**IMPORTANT**—Injury to or loss of desirable trees or other plants may result if applied as directed. See label for following:

Do not apply (except as recommended for crop use), or drain or flood areas where their roots may extend, or in low spots where they may be moved into contact with their roots. Do not use on lawns, walks, or driveways. Do not use in home fruit plantings nor in citrus orchards interplanted with other crops. Do not use in areas where drift of dry powder or spray to desirable plants. Do not contaminate water, soil, or fertilizer with herbicides, insecticides, fungicides and seeds.

Thoroughly clean all traces of "Krovar" II from application equipment, hoses, and boom with several changes of water after removing residue (separately).

## Net 6

# E. I. du Pont de Nemours & Co.

## Agricultural Chemicals Dept.

11125

**BEST AVAILABLE COPY**

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EPA Est. 352-TX-1; 5905-AR-1  
Superscript used is first letter of lot number.

### DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.  
Du Pont "Krovar" II should be used only in accordance with recommendations on this label, or in separate published Du Pont recommendations available through local dealers.  
Du Pont will not be responsible for losses or damages resulting from use of this product in any manner not specifically recommended by Du Pont. User assumes all risk associated with such non-recommended use.  
Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.  
Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Warnings must include the following information: "CAUTION. Area treated with "Krovar" II on (date of application). Do not enter without appropriate protective clothing until sprays have dried. In case of contact, flush eyes with plenty of water; wash skin with plenty of soap and water. Get medical attention if irritation persists.

### CITRUS

Use only where trees have been established in the orchard for at least four years. Apply with a properly calibrated fixed-boom power sprayer as a band or broadcast treatment beneath and/or between trees. Use sufficient water (min. 40 gals. per acre) to obtain uniform coverage; avoid contact of foliage and fruit with spray or mist. Avoid overlapping, and shut off spray boom while starting, turning, slowing or stopping, or injury to trees may result. Continuous agitation in the spray tank is required to keep the material in suspension. Best results are obtained if application is made shortly before or shortly after weed growth begins; if dense growth is present, remove tops and spray the ground. Do not graze cattle in treated areas.

Dosages are expressed as broadcast rates; for band treatment, use proportionately less.  
Do not use on citrus in Kern County, California.

**Perennial Weeds:** For bahiagrass, bermudagrass, nutsedge, pangolagrass, paragrass, and torpedograss, make a single application per year during the period from winter to early summer at the following rates:

Soil Texture	Lbs. Per Acre
Sand, loamy sand	4 to 6
Sandy loam	5 to 7
Silt loam, clay loam	6 to 8

Alternatively, make two applications of 3 to 4 lbs. per acre per year (Florida 4 to 8 lbs.); apply in spring and summer. Partial control of perennials usually occurs with a single treatment; repeat applications are required to control perennials. Control may be improved by cultivation prior to treatment; otherwise, avoid working the soil as long as weed control continues or else effectiveness of the treatment may be reduced.

**Annual Weeds:** Apply 2 to 5 lbs. per acre using the lower rates on coarse soils; apply any time of year provided overhead moisture (rainfall or sprinkler irrigation) is available to activate the herbicide, preferably just before or just after weeds germinate.

**Note**—Temporary yellowing of citrus leaves may occur following treatment. Because injury to citrus trees may result: do not use on soils low in organic matter (less than 1%), poorly drained soils, gravelly soils, nor thinly covered or exposed subsoils; do not apply more than 10 lbs. per acre per year (Florida, 16 lbs.); do not treat trees planted in irrigation furrows; do not treat diseased trees such as those with foot rot.

Do not replant treated areas to any crop within two years after last application as injury to subsequent crops may result, except that citrus trees may be planted one year after the last application.

#### Florida Only—Trees Established Less Than Four Years

##### Trees Established Less Than One Year:

Apply 2 to 4 lbs. "Krovar" II per acre as needed to maintain weed control. Do not apply at less than 60-day intervals, do not apply more than 6 lbs. per acre during any 6-month period or more than 8 lbs. per acre during the first year.

##### Trees Established One to Four Years:

Apply 3 to 6 lbs. "Krovar" II per acre; for details on timing, equipment, spray volume and other use directions, refer to product label. Use the lower rate for 1 to 2-year old trees and the higher rate for trees more than 2 years old. A second application may be made if needed, but do not apply more than 8 lbs. "Krovar" II per acre per year as injury to the trees may result.

**Seedling Vines (balsam apple and milkweed)—Florida:** Remove established vines from trees prior to treatment. Apply 6 lbs. per acre after vine growth begins in the spring (or after cultivation or chopping), but before vines reach tree limbs. For band treatment, the treated area should extend at least 1 foot beyond the drip line of the tree. Add Du Pont Surfactant WK at a rate of 1 qt. per 50 gals. of spray mixture.

A repeat application may be made in late summer or early fall to control seedlings which germinate late in the season. When used in conjunction with good mechanical cultivation practices, repeated annual applications aid in the suppression of established vines.

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