



# DEVIRINOL® 10-G

## Selective Herbicide

### Granules

For Use On Certain Citrus, Nuts, Pome fruits,  
Small fruits, Stone fruits, Strawberries, Grapes and **Tobacco**

### ACTIVE INGREDIENT

N,N-diethyl-2-(1-naphthalenyloxy)-propionamide .....	10.0%
<b>INERT INGREDIENTS</b> .....	<b>90.0%</b>
	<b>100.0%</b>

Contains 10 lbs. of active ingredient per 100 pounds

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**MAY BE HARMFUL IF SWALLOWED**

### STATEMENT OF PRACTICAL TREATMENT

**FIRST AID:** If an adverse reaction occurs after exposure, promptly start the recommended procedures below. Seek medical attention if further treatment is required.

**IN CASE OF CONTACT:** Flush eyes and skin with plenty of water for several minutes. Get medical attention if eye or skin irritation occurs.

**IF SWALLOWED:** Immediately give several glasses of water and induce vomiting by gagging the victim with a finger placed on the back of the victim's tongue. Give fluids until vomitus is clear. If victim is unconscious or convulsing, do not induce vomiting or give anything by mouth.

**IF INHALED:** Remove to fresh air. Seek medical attention if respiratory irritation occurs or if breathing becomes difficult.

ACCEPTED

MAY - 2 1991

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under  
EPA Reg. No. 10182-253

\_\_\_\_\_ LBS. NET \_\_\_\_\_ KG.

EPA Reg. No. 10182-253  
EPA Est. No.

This product is sold only for uses stated on its label. No express or implied license is granted to use or sell this product under any patent in any country except as specified: Country: United States Patent No.: 3,480,671; 3,718,455

Made in U.S.A. by  
ICI Agricultural Products  
ICI Americas Inc.  
Wilmington, DE 19897

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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

#### HARMFUL IF SWALLOWED.

Avoid contact with eyes, skin and clothing. Avoid inhalation of dust.

#### ENVIRONMENTAL HAZARDS

Do not apply to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated. Do not contaminate irrigation water or water used for domestic purposes.

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**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL (800)-F-A-S-T-M-E-D (327-8633)**

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC  
1-800-424-9300.**

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#### GENERAL PRECAUTIONS

- Read all label directions before using.
- Use only for recommended purposes and at recommended rates. Do not overdose.
- DEVIRINOL® 10-G herbicide is recommended for use on mineral soils only. Not recommended for use on soils with over 10% organic matter.
- Treating ground heavily covered with leaves or trash may adversely affect weed control.
- Do not apply to frozen ground.
- To avoid injury to crops not specified on this label, do not plant until 12 months after the last DEVIRINOL 10-G herbicide application. A deep disc plow or moldboard plow operations must be carried out before planting.

#### GENERAL DIRECTIONS FOR USE

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

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DEVRINOL 10-G is a selective surface-applied herbicide for use in certain types of newly planted or established crops. DEVRINOL 10-G does not control established weeds. All weed growth and crop stubble in the fields must be thoroughly worked into the soil prior to planting. Application equipment should be carefully calibrated before use and checked frequently during application to be sure equipment is free from clogging and is delivering a uniform pattern. Apply the recommended rate of DEVRINOL 10-G by ground or air equipment.

NOTE: All rates are given on a broadcast basis, per acre. Reduce rates proportionately for band or strip treatment.

A surface application of 40 lbs. DEVRINOL 10-G will control the following weeds:

WEEDS CONTROLLED BY DEVRINOL 10-G	
<b>ANNUAL GRASSES:</b>	
Barnyardgrass, Junglerice	<i>Echinochloa spp.</i>
Wild Barley	<i>Hordeum Leporinum</i>
Annual Bluegrass	<i>Poa Annua</i>
Bromes	<i>Bromus</i>
Cheatgrass	<i>B. Secalinus</i>
Downy Brome	<i>B. Tectorum</i>
Rigput Brome	<i>B. Rigicus</i>
Soft Chess	<i>B. Mollis</i>
Large (Hairy) Crabgrass	<i>Digitaria Sanguinalis</i>
Smooth Crabgrass	<i>Digitaria Ischaemum</i>
Southwestern Cupgrass	<i>Eriochloa Gracilis</i>
Foxtails	<i>Setaria</i>
Bristly Foxtail	<i>S. Verticilla</i>
Giant Foxtail	<i>S. Faberi</i>
Green Foxtail	<i>S. Viridis</i>
Yellow Foxtail	<i>S. Lutescens</i>
Goosegrass	<i>Eleusine Indica</i>
Seedling Johnsongrass	<i>Sorghum Haleperise</i>
Wild Oats	<i>Avena Fatua</i>

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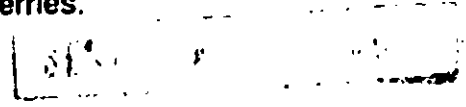
<b>WEEDS CONTROLLED BY DEVIRINOL 10-G</b>	
Panicums	<i>Panicum</i>
Guineagrass	<i>P. Maximum</i>
Fall Panicum	<i>P. Dichotomiflorum</i>
Texas Panicum	<i>P. Texanum</i>
Witchgrass	<i>P. Capillare</i>
Italian Ryegrass	<i>Lolium Multiflorum</i>
Sandbur	<i>Cenchrus spp.</i>
Red Sorangletop	<i>Leptochloa Filiformis</i>
Stinkgrass	<i>Eragrostis Cilianensis</i>
<b>ANNUAL BROADLEAF WEEDS:</b>	
Carpetweed	<i>Mollugo Verticillata</i>
Common Chickweed	<i>Stellaria Media</i>
Coast Fiddleneck	<i>Amsinckia Intermedia</i>
Filaree	<i>Erodium spp.</i>
Groundsel	<i>Senecio spp.</i>
Prostrate Knotweed	<i>Polygonum Aviculare</i>
Lambsquarters	<i>Chenopodium Album</i>
Prickly Lettuce	<i>Lactuca Scariola</i>
Little Mallow*	<i>Malva Parviflora</i>
Redroot Pigweed	<i>Amaranthus Retroflexus</i>
Pineappleweed	<i>Matricaria Matricarioides</i>
Common Purslane	<i>Portulaca Oleracea</i>
Horse Purslane	<i>Trianthema Postillacastrum</i>
Common Ragweed**	<i>Ambrosia Artemisiifolia</i>
Annual Sowthistle	<i>Sonchus Oleraceus</i>

\*From Seed

\*\*Suppression

NOTE: See Recommendations Section for weeds controlled in Cranberries.

NOTE: DEVIRINOL 10-G does not control established weeds.



### DIRECTIONS FOR USE

For control of all weeds listed, apply 40 pounds of DEVIRINOL 10-G per acre to a weed free soil surface. Apply in the fall through early spring prior to weed emergence. For best results, the treatment must reach the zone of weed seed germination. If rainfall does not occur, the treatment must be shallowly incorporated or irrigated-in (sprinkler or flood) following application with sufficient water to wet the soil to a depth of 2 to 4 inches. In the Western and Pacific Northwest Regions treatments made in fall through early spring must be incorporated or irrigated-in if no rainfall occurs within two weeks of application. For treatments made other than in fall through early spring in these Regions, and for all treatments applied in the Northern, Southwestern and Southeastern Regions regardless of season, the treatment must be incorporated or irrigated-in within 24 hours if no rainfall occurs.

Avoid contact with fruit or foliage. Do not apply when fruit or nuts are on the ground during the harvest period. Do not graze treated areas.

### RECOMMENDATIONS

Application may be made immediately after planting, except where treatment is restricted to established crops only. For these uses, apply to stands that have been established in the field for at least one year.

#### TREES AND VINES:

Apples, Apricots, Cherries, Filberts, Grapefruit, Grapes, Lemons, Nectarines, Oranges, Peaches, Pears, Pecans, Plums, Prunes, Tangerines and Walnuts. Apply 40 pounds DEVIRINOL 10-G per acre to a weed free soil surface.

#### STRAWBERRIES:

Apply 40 pounds DEVIRINOL 10-G per acre to a weed free soil surface. Delay application until the desired number of daughter plants have become established. Do not apply from bloom through harvest.

#### BUSH FRUIT:

Blueberries and Caneberries (Blackberries, Raspberries, Boysenberries, Loganberries). Apply 40 pounds DEVIRINOL 10-G per acre to a weed free soil surface.

#### CRANBERRIES:

**CAUTION:** Do not apply in the springtime to bogs that do not have sprinkler systems for frost control.

**Massachusetts (Established Bogs Only):** For control of nutsedge (*Cyperus Dentatus*) and Rice Cutgrass (*Leersia Oryzoides*), apply 60-90 pounds DEVIRINOL 10-G per acre to a weed free soil surface before spring growth begins or in the fall after harvest.

**New Jersey (Established Bogs Only):** For control of nutsedge (*Cyperus Dentatus*), Rice Cutgrass (*Leersia Oryzoides*) and Purplestem Beggarticks (*Bidens Cannata*), apply 60-90 pounds DEVIRINOL 10-G per acre to a weed free soil surface before spring growth begins or in the fall after harvest.

**Oregon and Washington (Established Bogs Only):** For control of Clover (*Trifolium Fimbriatum*), Aster (*Aster Douglasii*), Silverweed Cinquefoil\* (*Silverleaf*) (*Potentilla Anserina*), Red Sorrel (*Sheep Sorrel*) (*Rumex Acetosella*) and Birdsfoot Trefoil (*Lotus Corniculatus*):

In peat beds: Apply 150 pounds DEVIRINOL 10-G per acre to a weed free soil surface before spring growth begins in Mid-February or before the end of March. Do not apply after buds start to swell.

In sand beds: Apply 40-90 pounds DEVIRINOL 10-G per acre to a weed free soil surface before spring growth begins Mid-February or before the end of March. Use the lower rate on one-year old beds only. Do not apply after buds start to swell. For further information, consult your local Ag Extension Service.

\*Suppression only

**Wisconsin:** For control of Purplestem Beggarticks (*Bidens Connata*) and Rice Cutgrass (*Leersia Oryzoides*) in:

New Plantings: Apply 30 pounds DEVIRINOL 10-G per acre to a weed free soil surface in the spring after setting vines.

Established Plantings: Apply 60 pounds DEVIRINOL 10-G per acre to a weed free soil surface before spring growth begins or in the fall after harvest. Do not apply when bogs are under winter flood.

**MINT:**

Established mint (Pacific Northwest only). Apply 40 pounds DEVIRINOL 10-G per acre to a weed free soil surface.

**TOBACCO:**

Direct-seeded in Fumigated Plantbeds (Kentucky, Tennessee, Virginia, Indiana and Maryland). Apply 10 to 20 pounds DEVIRINOL 10-G per broadcast acre or 3.7 to 7.3 oz. DEVIRINOL 10-G per 1,000 sq. ft.

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**USE RECOMMENDATIONS:**

- For control of white clover (*Trifolium repens*), apply to a weed-free soil surface.
- Lightly incorporate or sprinkler irrigate within 24 hours using sufficient water to wet the soil to a 2 to 4 inch depth.

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal.

**STORAGE:** Keep container closed when not in use. Store in a cool dry place. Do not store near seeds, fertilizer or foodstuffs.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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



**DIRECTIONS FOR USE AND  
CONDITIONS OF SALE AND WARRANTY**

**IMPORTANT:** Read the Entire Directions for Use and the Conditions of Sale and Warranty before using this product.

**CONDITIONS OF SALE AND LIMITED WARRANTY:**

The Directions for Use of this product are believed to be reliable and should be followed carefully. However, 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 timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended or other influencing factors in the use of the product, all of which are beyond the control of the seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label, subject to the inherent risks referred to above, when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller and Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY.

When Buyer or User claims losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability or other legal theories), Buyer or User must promptly notify in writing Seller of any claims to be eligible to receive either of the remedies set forth below. The EXCLUSIVE REMEDY OF BUYER OR USER and the LIMIT OF LIABILITY of Seller will be, at the election of Seller, refund of the purchase price paid for product bought, or replacement of amount of product used. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.

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