

476-2205

(Stauffer Shield) 03/25/1986

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DEVRINOL® 2-G Ornamental

10182-243

Selective Herbicide

A Pre-emergence Herbicide for Weed Control in Home Flower Gardens and Landscape Plantings. Use in Deciduous and Evergreen Trees and Shrubs, Ground Covers, Perennial Flowers, Fruit and Nut Crops, Container Grown Plants, and Turfgrass.

ACTIVE INGREDIENT:

N,N-diethyl-2-(1-naphthalenyloxy)-propionamide 2.0%

INERT INGREDIENTS: 98.0%
100.0%

Contains 2 Pounds Active Ingredient Per 100 Pounds

ACCEPTED
MAR 25 1986
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 476-2205

KEEP OUT OF REACH OF CHILDREN

C A U T I O N

STATEMENT OF PRACTICAL TREATMENT

If an adverse reaction occurs after exposure, promptly initiate the recommended procedures below. If further treatment is required, seek medical attention or call collect, day or night: (203) 226-6602 Stauffer Chemical Company or (800) 424-9300 Pesticide Safety Team Network.

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 placing a finger on the back of the victim's tongue. Give fluids until vomitus is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

If inhaled, remove to fresh air. Seek medical attention if respiratory irritation occurs or if breathing becomes difficult.

_____ LBS. NET WT. _____ KG.

EPA Reg. No. 476-2205

RS-860307

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

STAUFFER CHEMICAL COMPANY
WESTPORT, CT 06881-0850

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: MAY BE HARMFUL IF SWALLOWED. Do not breathe dust. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after use.

.Avoid Contamination of Food and Feed.

ENVIRONMENTAL HAZARDS

.Do not apply directly to lakes, streams, and/or ponds.

.Do not contaminate irrigation water or water used for domestic purposes.

GENERAL PRECAUTIONS

.Read all instructions before using.

.Use only for recommended purposes and at recommended rates. Do not overdose.

WHAT THIS PRODUCT DOES

DEVIRINOL 2-G Ornamental controls certain annual grassy and broad-leaf weeds as they germinate. It does not control established weeds.

The weeds controlled are listed below:

WEEDS CONTROLLED BY DEVIRINOL 2-GAnnual Grasses:

Barnyardgrass, Junglerice	(<u>Echinochloa spp.</u>)
Wild Barley	(<u>Hordeum leporinum</u>)
Annual Bluegrass	(<u>Poa annua</u>)
Bromes	(<u>Bromus</u>)
Cheatgrass	(<u>B. secalinus</u>)
Downy Brome	(<u>B. tectorum</u>)
Ripgut Brome	(<u>B. rigidus</u>)
Soft Chess	(<u>B. mollis</u>)
Large (Hairy) Crabgrass	(<u>Digitaria sanguinalis</u>)
Smooth Crabgrass	(<u>Digitaria ischaemum</u>)
Southwestern Cupgrass	(<u>Eriochloa gracilis</u>)
Foxtails	(<u>Setaria</u>)
Bristly Foxtail	(<u>S. verticilla</u>)
Giant Foxtail	(<u>S. faberi</u>)
Green Foxtail	(<u>S. viridis</u>)
Yellow Foxtail	(<u>S. lutescens</u>)
Goosegrass	(<u>Eleusine indica</u>)
Seedling Johnsongrass	(<u>Sorghum halepense</u>)

Wild Oats	(<u>Avena fatua</u>)
Panicums	(<u>Panicum</u>)
Guineagrass	(<u>P. Paximum</u>)
Fall Panicum	(<u>P. dichotomiflorum</u>)
Texas Panicum	(<u>P. texanum</u>)
Witchgrass	(<u>P. capillare</u>)
Italian Ryegrass	(<u>Lolium multiflorum</u>)
Sandbur	(<u>Cenchrus spp.</u>)
Red Sprangletop	(<u>Leptochloa filiformis</u>)
Stinkgrass	(<u>Eragrostis cilianensis</u>)

Annual Broadleaf Weeds:

Carpetweed	(<u>Mollugo verticillata</u>)
Common Chickweed	(<u>Stellaria media</u>)
Coast Fiddleneck	(<u>Amsinckia intermedia</u>)
Filaree	(<u>Erodium spp.</u>)
Groundsel	(<u>Senecio spp.</u>)
Prostrate Knotweed	(<u>Polygonum aviculare</u>)
Lambsquarters	(<u>Chenopodium album</u>)
Prickly Lettuce	(<u>Lactuca scariola</u>)
Little Mallow*	(<u>Malva parviflora</u>)
Redroot Pigweed	(<u>Amaranthus retroflexus</u>)
Pineappleweed	(<u>Matricaria matricarioides</u>)
Common Purslane	(<u>Portulaca oleracea</u>)
Horse Purslane	(<u>Trianthema portulacastrum</u>)
Common Ragweed**	(<u>Ambrosia artemisiifolia</u>)
Annual Sowthistle	(<u>Sonchus oleraceus</u>)

*From seed
**Suppression

WHERE TO USE THIS PRODUCT

DEVIRINOL 2-G Ornamental can be applied over small ornamental plants or around larger plants in rose gardens, container plantings, ornamental landscapes and ground covers including dichondra.

Use DEVIRINOL 2-G Ornamental for weed control in the following plants:

Deciduous and Evergreen Trees

Acer	Eucalyptus	Picea
Ash	Ficus	Pin Oak
Birch	Fir	Pinus
Black Walnut	Gleditsia	Pitosporum
Cedar	Hemlock	Podocarpus
Citrus	Japanese Larch	Populus
Crataegus	Laburnum	Prunus
Cypress	Malus	Pears
Dogwood	Olive (Olea)	Pistachios
Douglas Fir	Palm (Washingtonia robusta)	

Deciduous and Evergreen Shrubs

Abelia	Forsythia	Oleander
Asparagus (Sprengeri)	Gardenia	Osmanthus
Aucuba	Heather (Calluna)	Photinia
Azalea	Hibiscus	Pittosporum
Bottlebrush	Honeysuckle (Lonicera)	Podocarpus
Bougainvillea	Hypericum	Pyracantha
Buxus	Ilex	Raphiolepis
Camellia	Juniperus	Rhododendron
Cotoneaster	Leucothe	Rosa
Crepe Myrtle	Ligustrum	Star Jasmine
Dogwood	Nandina	Taxus
Euonymus	Natal Plum	Viburnum
		Xylosema

Ground Covers

Ajuga	Hedera	Liriope
Carpobrotus	Hypericum	Osteosperma
Delosperma	Iceplant	Pachysandra
Dichondra	Ivy	Sedum
Erysimum	Lantana	Vinca
Gazania		

CONTAINER STOCK

Abelia	Eucalyptus	Pachysandra
Ageratum	Euonymus	Palm (Washingtonia robusta)
Agapanthus	Fir	Photinia
Asparagus	Forsythia	Pinus Spp.
Azalea	Gardenia	Pittosporum
Bottlebrush	Geranium	Podocarpus
Bougainvillea	Heather	Pyracantha
Buxus	Hedera	Raphiolepis
Camellia	Hibiscus	Rhododendron
Cedar	Ilex	Rosa
Cotoneaster	Juniperus	Sedum
Crepe Myrtle	Leucothe	Star Jasmine
Cypress	Ligustrum	Thuja
Dogwood	Liriope	Vinca
Douglas Fir	Nandina	Xylosema

Flowers

African Daisy	Dahlia	Narcissus
Aster	Daisy	Petunia
Bird of Paradise	Geranium	Plantain Lily (Hasta)
Chrysanthemum	Gladiolus	Zinnia

Fruit & Nuts

Almond	Lemon	Pistachio
Apple	Nectarine	Plum
Apricot	Orange	Prune
Cherry	Peach	Tangerine
Filbert	Pear	Walnut
Grape	Pecan	

Strawberry:

(Application should be delayed until the desired number of daughter plants have become established. Do not apply from bloom through harvest.)

WHEN TO USE THIS PRODUCT

DEVRINOL 2-G Ornamental should be used before weeds germinate. It will not control established weeds.

Application can be made anytime of the year to weed-free soil. Fall and winter applications will provide excellent weed control the following spring and summer.

In containers, apply after setting and watering the plants.

HOW TO USE THIS PRODUCT

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

Apply this product as specified on this label.

DEVRINOL 2-G Ornamental should be spread evenly on the soil surface using a shaker can or granular herbicide applicator.

Do not apply when weather conditions favor drift from areas treated.

When weed infestation is heavy or when broadleaves are the primary weeds, use one pound on 145 square feet (6.9 lbs./1,000 sq. ft.). For annual grassy weeds or when weed infestation is light, use one pound on 218 square feet (4.6 lbs./1,000 sq. ft.).

DEVRINOL 2-G Ornamental should be incorporated evenly into the soil using a hand cultivator to a depth of 1-2 inches or irrigation or natural moisture (rainfall or snow) (1-2 inches within 2-3 days) for optimum results.

For weed control in dichondra, apply at the time of seeding or to establish dichondra including dichondra sod. Irrigate with a minimum of one inch of water.

RECOMMENDATIONS: TURF GRASS (FOR USE ON WARM SEASON GRASSES ONLY)

DEVRINOL 2-G is recommended for annual bluegrass, crabgrass and goosegrass control in the following established turf grasses: bahia, bermudagrass, centipede, St. Augustine and fescue.

TIMING OF APPLICATION:

For control of crabgrass and goosegrass, apply DEVRINOL 2-G at the recommended rate. Application should be made 2-3 weeks prior to weed emergence. DEVRINOL 2-G should be applied with a gravity flow drop spreader or a cyclone type spreader. A more uniform application can be made by spreading half the required amount over the area to be treated, then applying the remainder at right angles.

DEVRINOL 2-G requires a minimum of one half (1/2) inch of rainfall or irrigation 2-3 days after application for adequate control. If irrigation methods are not available, the timing of the application of DEVRINOL 2-G should be moved back several weeks to allow for some rainfall between application and weed germination.

RATES OF APPLICATION:

FOR CRABGRASS CONTROL: Apply 100 to 150 lbs. of DEVRINOL 2-G uniformly per (2.25-3.38* lbs per 1,000 sq. ft.). Use the higher rate when applying before January 1 (not applicable north of South Carolina or when weed infestation is expected to be heavy).

FOR GOOSEGRASS CONTROL: Apply 100 to 150 lbs. of DEVRINOL 2-G per acre (2.25-3.38 lbs per 1,000 sq. ft.). Goosegrass usually starts to germinate 6 to 7 weeks after the start of crabgrass germination.

SPLIT APPLICATION FOR CRABGRASS AND GOOSEGRASS CONTROL: When both of these weeds are to be controlled, apply 100 lbs. of DEVRINOL 2-G spread uniformly per acre (2.25 lbs. per 1,000 sq. ft.) for crabgrass and another 100 lbs. of DEVRINOL 2-G per acre for goosegrass. Apply 8-10 weeks apart. Timing should be adjusted to the germination of weeds in your area. Split applications give longer and better weed control than one application.

FOR ANNUAL BLUEGRASS (POA ANNUA) CONTROL: Annual bluegrass is a winter annual in most of the warm season turf regions; therefore, application of DEVIRINOL 2-G should be made in the fall before the annual bluegrass germinates. Apply 100-150 lbs of DEVIRINOL 2-G per acre (2.25-3.38 lbs. per 1,000 sq. ft.).

RESEEDING. Do not reseed or overseed within six months after application.

*Where a rate range is given, use the higher rate when weed infestation is expected to be heavy.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

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

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 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.

NOTICE - READ CAREFULLY

CONDITIONS OF SALE:

Stauffer (and seller) offer(s) this product for sale subject to, and buyer and all users are deemed to have accepted, the following conditions of sale and warranty which may only be varied by written agreement of a duly authorized representative of Stauffer.

WARRANTY LIMITATIONS:

Stauffer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use on the label subject to the inherent risks referred to below. Stauffer makes no other express warranties; THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY and there are no warranties which extend beyond the description on the label thereof.

INHERENT RISKS:

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 associated with use. Buyer assumes all risks associated with use of application of this product contrary to label instructions or resulting from extraordinary weather conditions.

LIMITATION OF LIABILITY:

In no case shall Stauffer be liable for special, indirect or consequential damages resulting from the use or handling of this product and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which such damages are claimed.

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*Where a rate range is given, use the higher rate when weed infestation is expected to be heavy.

.. STORAGE AND DISPOSAL (Home & Garden)

Do not contaminate water, food or feed by storage and disposal.

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

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse container (bottle, can, jars). Rinse thoroughly before discarding in trash.

NOTICE: Stauffer Chemical Company makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purposes, concerning this material, except those which are contained on Stauffer's label.