# Devrinded 50-WP ornamental

Accor

Devilla of the Control of the Control of Container-Grown Ornamentals, Field-Grown Nursery Stock, Liner Stock, Ground Covers and Turfgrass

ACTIVE INCREMENTAL CONTROL OF THE CONTROL OF TH

ACTIVE INGREDIENT:

N,N-Diethyl-2-(1-naphthalenyloxy)-propionamide 50.0%
INERT INGREDIENTS: 50.0%

Contains 50 Pounds Active Ingredient Per 100 Pounds

## Keep Out of Reach of Children **CAUTION**

May be harmful if swallowed

### Statement of Practical Treatment

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EPA Reg. No. 476-2175

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EPA Est 477 DX-1

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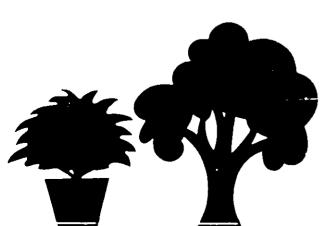
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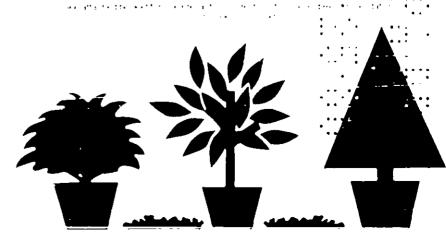
Made in U.S.A.
STAUFFER CHEMICAL COMPANY
Westport, CT 06881-0854

W1 7 86

100.0%









### **PRECAUTIONARY STATEMENTS**

Hazards to Humans and Domestic Animals **CAUTION** 

MAY BE HARMFUL IF SWALLOWED. Do not breathe dust. Avoid contact with skinnleyes and continuous Mash Proroughly with spap and water after use.

### **Environmental Hazards**

- . Do not apply directly to water or wetlands
- Do not contaminate water by cleaning of equipment ior disposal of wastes. Apply this product as specified on this label.
- . Do not apply when weather conditions favor drift from areas treated
- . Do not contaminate water used for domestic purposes
- . Avoid Contamination of Food and Feed

### **General Precautions**

- Read a instructions before using
- Use only for recommended purposes and at recommended rates. Do not overdose

### STORAGE AND DISPOSAL

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

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

PESTICIDE DISPOSAL: Waster 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 san tary tandfill or by incineration or it allowed by State and local authorities, by burning if burned, stay out of smoke.

### **NOTICE—READ CAREFULLY**

CONDITIONS OF SALE: Stauffer (and selver) offer(s) this product for sale subject to land tuner and all users are directed to have accepted the following conditions of sale and warranty which may only to varied by writing a present of a duly authorized representative of Stauffer.

WARRANTY LIMITATIONS: Stauffer warrants that this product conforms to the chemical description on the fitter and is reasonably fit for the purposes referred to in the directions for use on the label subject to the interest it six referred to below. Stauffer makes no other express warrantes. THERE IS NO IMPLIED MARRANTY OF MERCHANTABILITY and there are no warrantes which extend beyond the description on the later thereof.

INHERENT RISKS: The directions for use of this product are beineved to be reliable and should be for owed carefully. However, it is improssible to eliminate all risks associated with use. Buyer assumes all risks associated with use of application of this product contrary to tabel instructions or resulting from extraordinary wealther conditions.

**LIMITATION OF LIABILITY:** In no case shall Stauffer be hable for special indirect or consequential damages resisting from the use or handling of this product and no claim of any kind shall be greater in amount than the product in respect of which such damages are claimed.

### **LABEL BOOKLET AT BOTTOM OF BAG**

# Devrinol 50-WP Ornamental





Grown

Liner Stock, Ground Covers and Juffguass DEVRINOL 50-WP ORNAMENTAL CONTROLS MA

Complete Directions

and Recommendations

for Use,

Ornamentals, Field-Grown Nursery

EPA Aug

Z

STAUFFER CHEMICAL

COMPANY

Stautter Chemical Corp.

Namey N

AA-11087-85

JOB1 318868\$\$\$1

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### NOTICE-READ CAREFULLY

CONDITIONS OF SALE:

Stauffer (and selfer) 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 dufy authorized representative of Stauffer

### **WARRANTY LIMITATIONS:**

Stauffer warrants that this product conforms to the chemical description on the tabel 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 or application of this product contrary to laber instructions of resulting from extraord hary weather conditions

### LIMITATION OF LIABILITY:

In no case shall Stauffer be liable for special indirect of 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

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

A 6R

# Pre-Emergence Herbicide for Weed Control in Contai Selective Herbicide 2

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**ACTIVE INGREDIENT** N.N-Diethyi-2-(1-naphtha propior, amide **INERT INGREDIENTS** 

Contains 50 Pounds Active Inc

### **Keep Out of Reac** CAUTI MAY BE HARMFUL I

STATEME PRACTICAL TR Immediately start the procedur

treatment is required, contact a

cian or the nearest hospital or

(203) 226-6602 Stauffer Chen 424-9300 Pesticide Salety Tear If swallowed: Immediately que and induce somiting by gaggin placed on the back of the vici until yom tos is clear. Do not anything by mouth to an unc

For skin contact: Flush air affer water for several minutes. For i apart and flush with prenty of Remove and clean contamina before reuse. Seek medical . irritation occurs

person

If inhaled; Remove to fresh air respiratory irritation occurs of difficult

### PRECAUTIONARY

**HAZARDS TO HUMANS AND** CAUTI MAY BE HARMFUL IF \$

breathe dust. Avoid contact with

Wash theroughly with soap and **ENVIRONMENTAL HAZA** 

- . Do not apply directly to water . Do not confaminate water by o
- disposal of wastes. Apply this . Do not apply when weather c
  - areas freated . Do not contaminate water use
  - . Avoid confamination of food a **GENERAL PRECAUTION**
  - · Read all instructions before it
  - Use only for recommended. mended rates. Do not overdo

### **GENERAL DIRECTION**

It is a violation of Federal law manner inconsistent with its fall 1 DEVRINOL 50-WP ORNAM established weeds. It mus weeded soil before weeds (

- and Winter months 2 DEVRINOL 50-WP ORNAME newly planted container sto from first watering field grow dra and to established plant
- 3 DEVRINOL 50-WP ORNAME incorporation (such as pow-

tion or natural moisture (rainfall or snow) (1-2 inches within 2-3 days) for optimum results

4 DEVRINOL 50-WP ORNAMENTAL is recommended on several different container potting soil mixtures These mixtures include those containing 30 percent soil and or sand and mixtures containing no soil (Example perlite peat bark sawdust and sand.)

### **WEEDS CONTROLLED** BY DEVRINOL 50-WP ORNAMENTAL Annual Grasses:

Barnyardgrass Jungler-ce (Ech-nochloa spp.) Wild Barley

Annual Bluegrass Bromes Cheatgrass Downy Brome Ripaut Brome

Soft Chess Large (Harry) Crabgrass Smooth Craborass Southwestern Cupgrass

Foztar's Bristly Fortail Gart Forta Green Foxla: Yellow Fortall Goosegrass Seeding Johnsongrass

Panicums Guineacrass Fall Panicum Texas Panicing Witchgrass Italian Ryegrass Sandbur

N to Oats

(Hordeum leperinum)

1 1

(Poa annua: (Bromus) (B secalinus) (B. fectorum) (8 (raidus) 18 mp//si

(Digitaria sangulhatis) (Digitaria ischaemum) (Er/ochica gracii si (Selaria) (Si verticità) (S. fabeu)

(S smd s) (S. Julescens) (Eleusine indica) (Sorghum halegense, (Avena fatua) (Panicum)

(P naumum) IP dichotomiliarum iP teracum (P cap late) (Lot um multificium) (Cenchrus spp.)

should be timed to take advantage of rainfall if irrigation is not available. Fall and Winter applications will provide excellent weed control the following Spring and Summer A thorough incorporation of DEVRINOL 50-WP ORNA-MENTAL into the soil to a depth of 1-2 inches will provide excellent weed control with less rainfall required

One application of DEVRINOL 50-WP ORNAMENTAL should provide adequate weed control for a growing season in temperate areas

### **CONTAINER GROWN ORNAMENTALS**

Consult list of plant species on which DEVRINOL 50-WP ORNAMENTAL can be used

Apply DEVRINOL 50-WP ORNAMENTAL as a broadcast application over the containers

Normal strigation or rainfall (if a Fall or Winter application is made in cold areas) should provide sufficient water for satisfactory weed control

### HOME GROUNDS, HIGHWAY AND INDUSTRIAL ORNAMENTALS PLANTINGS

Use an overall (broadcast) freatment over young ornamentals or as a directed application where larger plants are growing. friigate soon after application or apply just before expected rain. Fall through Spring applications are preferred if irrigation is not available or if application is to be made in lower Summer rainfall areas.

### GROUND COVERS

Apply DEVRINOL 50-WP ORNAMENTAL as a broadcast treatment over the ground covers, trrigate immediately with a minimum of 1 inch of water or apply when rainfall

Buxus Photosia Camelia Pittosporum Cotoneaster <sup>O</sup>odocarpus Crepe Myrtle Pyracantha Dogwood Raphiolepis Euonymus Rhododenoron Forsythia Gardenia Heather (Caltuna) Rosa Star Jasmine Taxus Hibiscus Vibum un Honeysuckle Xylosema (Loricera)

Hypericum Juniperus

F F

### Fruit & Nuts

Almond Peach Apple Pear Apricot Cherry Pecan Pistachio Filberi የխጣ Grape Prune Lemon Tancerine Nectarine Walnut

Orange
Strawberry (Application should be delayed until the de-sired number of daughter plants have become asiab-iished. Do not apply from bloom through harvest.)

### **Ground Covers**

Ajuga Carpobrotus iceolant Ivy Lantana Delosperma Dichondra Linope Erysimum Osteosperma Gazania Pachysandra Hedera Sedum Hypericum Vinca

Red Sprangletop Stinkgrass

(Leptochica filtormis) (Eragrostis citianensis)

(Mollugo verticihata)

(Amsinckia intermedia)

(Polygonum av culare)

(Chenopodium album)

(Stellaria media)

(Erodium spp.)

(Senecio spp.)

(Lactuca serriora)

(Malva parvillora)

### Annual Broadleaf Weeds:

Carpetweed Common Chickweed Coast Fiddieneck Fraree Groundsel Prostrate Knotweed cambsquarters Prickly Lelluce Little Mattow Redroot Pigweed Pineappleweed

(Amaranthus retrollexus) (Matricana matricario des) Common Purstane (Portulaça oleracea) Horse Purstane (Tuanthema portulfacastrum) Common Radweed\* 1 (Ambrosia arlemisulolia) Acoust South stie (Sonchus oferaceus)

### DICHONDRA

Apply DEVRINOL 50-WP ORNAMENTAL at the time of secting or to established dichondra including dichondraised irrigate with a minimum of 1 inch of water

### **RECOMMENDATIONS FOR USE** ON THESE ORNAMENTALS AND **NURSERY STOCK AND CONTAINER** STOCK

### **FIELD GROWN**

### **Deciduous and Evergreen Trees**

Japanese Larch Birch Malus **Black Walnut** Olive (Olea) Palm (Washingtonia Cedar Citrus robusta) Cralaegus Pices Pin Oak Cypress Dogwood Pinus Douglas Fil Pittosporum Eucalyptus Podocarpus Ficus Populus Prunus Gleditsia Pears Pistachios

Deciduous and Evergreen Shrubs

Abelia Leucothe Asparagus (Sprengeri) Aucuba Ligustrum Nandina Azalea Natal Plum Bottiebrush Oleander Bougainvillea Osmanthus:

### CONTAINER STOCK

Abelia Hibiscus Agapanthus Ageratum Juniperus Asparagus Leucothe Azalea Ligustrum **Bottlebrush** Linope Bougainvillea Nandina Buxus Pachysandra Palm (Washingtonia Camelia Cedar robusta) Coloneaster Photinia Crepe Myrtle Pinus Spp Cypress Pittosporum Dogwood Douglas Fir Podocarpus Pyracantha Rhododendron Eucalyptus Euonymus Raphiolepis Rosa Forsythia Gardenia Sedum Star Jasmine Geranium Thuia Vinca Hedera Xylosema

Flowers

African Dalay Gladiolus Aster Bird of Paradise Narcissus Chrysanthemum Plantain Ulv Dahlia (Hosta) Zinnia Daisy Geranium

### APPLICATION RATES

### Annual Weeds

,

For annual grasses and broadleaf weeds apply 8 to 12 ibs of DEVRINOL SO-WP ORNAMENTAL per broadcast acre (3 to 4.4 oz iper 212 gallons water per 1 000 sq. ft.)

### RECOMMENDATIONS

NURSERY STOCK-FIELD GROWN Consult list of plant species on which DEVHINOL 50-WP

ORNAMENTAL can be used Are'y DEVRINOR SO-WP ORNAMENTAL as a breadcast treatment over young nursery stock or as a directed application to larger stock either as a band or broadcast

application Application can be made anytime of the year to weed the soil heaver since DEVRINOL SOWP ORNAMENTAL requires 1-2 inches of mintell or wigation soon after eapel cation for a equate weed control application

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grass centipede, at Magastine and rescue

### TIMING OF APPLICATION:

For control of crabgrass and goosegrass, apply DEVRI-NOL 50-WF ORNAMENTAL at the recommended rate Application should be made 2-3 weeks prior to weed emergence DEVRINOL 50-WP ORNAMENTAL should be mixed with enough water to give adequate coverage of the area to be treated (but no less than 80 gailons per acre). Use a lawn type spray guin

DEVRINOL 50-WP ORNAMENTAL requires a minimum of one half (1.2) inch of rainfair or ungation 2-3 days after apprication for adequate control. It irrigation methods are not available, the timing of the application of DEVRINOL 53-WP ORNAMENTAL should be moved back several weeks to allow for some rainfail between application and week germination.

### RATES OF APPLICATION:

For Crabgrass Control: Apply 4 to 6 tos of DEVRI-NOL 50-WP ORNAMENTAL per acre in 80-120 gallons of water (15-2 5 025 per 21-204lons of water 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 4 to 6 fbs. of DE-VRINGL 50-WP OFNAMENTAL per acre in 80-120 galfons of water (1.5.2.25 ozs. per 2"-) gallons of water per 1000 sq. ft.). Goosegrass usually starts to germinate 6 to 7 weeks after the start of crabgrass germination.

Sptil Application for Crabgrass and Goosegrass Control: When both of these weeds are to be controlled, apply 4 bis of DEVRINOL 50-WP 11 AVENTAL spread uniformly per acre (15 ozs. per 1360 sq. ft.) for crabgrass and another 4 lbs. of DEVRINOL 50-WP ORNAMENTAL per acre for goosegrass Apply 8-10 weeks apart. Timing should be adjusted to the germination of weeds in your area. Spit applications give longer and better weed comport than one application.

For Annual Bluegrass (Poa Annua) Control: Annual bluegrass is a Winter annual in most of the warm season turl regions, therefore, application of DEVRINOL 50-WP ORNAMENTAL should be made in the Fall before the annual bluegrass germinates. Apply 4-6 lbs. of DEVRINOL 50-WP ORNAMENTAL per acre in 80-120 gations of water (15-2 25 ozs. per 212 gations of water per 1000 sq. ft.)

### **TANK MIXTURES**

Observe all cautions and Emitations on labeling of all products used in combination.

Make only one application per season

Do not contaminate water by cleaning of equipment or disposal of wastes. Apply these combinations only as specified on this tabel.

For a tank mixture application, apply the recommended disage (See Directions for Use) in 80 gallens of water per action.

oughly, and mawhain moderate agritation to provide a uniform mix during application. The fains mix combina tion should not be left in the spray tank for protonged periods batches should be mixed and applied the same day. All return lines to the tank must discharge belowfound feet.

### DEVRINOL 50-WP ORNAMENTAL/ BETASAN 4-E COMBINATION

DEVRINOL 50-WP ORNAMENTAL may be used as a lank mix combination with BETASAN 4-E for crabgrass control in the following established furfigrasses bahia bermudagrass centipede St. Augustine and fescue

### DIRECTIONS FOR USE

Apply 4 lbs of DEVRINOL 50-WP ORNAMENTAL and 5 quarts of BETASAN 4-6 per acre using a minimum of 80 gallons of water Application should be made at least 2-3 with 5 before the earliest germination date for crabgrass in truit area.

The DEVRINOL 50-WP ORNAMENTAL BETASAN 4-E combination requires a minimum of one half (17) inch of rainfall or irrigation 2.3 days after application for adequate control. If irrigation is not avaitable, the application should be detayed several weeks to allow for some rainfall between application and wield germination.

### TANK MIXING DIRECTIONS

Add the recommended amount of DEVRINOL 50-VEP ORNAMENTAL to the spray tank white filling with water After the DEVRINOL 50-VPP ORNAMENTAL is thoroughly wetled out and dispersed in all of the water then add the recommended amount of BETASAN 18 and not provide a uniform dispersion. Apply in at least doll galtons of water per acce.

RESECTING: Do not reseed or exerseed within sumonths after application.

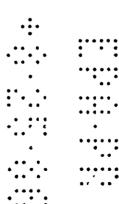
### STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or discress!

STORAGE: Keep container closed when not in use. Store in a coof, dry place. Do not store near seeds, fert lizer 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 san tary transfer or by occineration or if allowed by State and focal authorities, by butting if burned stay out of smoke.



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### DEVRINOL® 50-WP ORNAMENTAL

### Selective Herbicide

A Pre-Emergence Herbicide For Weed Control In Container-Grown Ornamentals, Field-Grown Nursery Stock, Liner Stock, Ground Covers And Turfgrass

> DEVRINOL 50-WP Controls Many Annual Grasses And Broadleaf Weeds

ACTIVE INGREDIENT:
N.N-Diethyl-2-(l-naphthalenyloxy)-propionamide . . . . . . 50.0%

Contains 50 Pounds Active Ingredient Per 190 Pounds.

KEEP OUT OF REACH OF CHILDREN

CAUTION

MAY BE HARMFUL IF SWALLOWED STATEMENT OF PRACTICAL TREATMENT

ACCEPTED

SEP 1 2 1985

Immediately start the procedures given below. If further 10/52-23/6 treatment is required, contact a Poison Center, a physician, or the nearest hospital, or call collect, day or night: (203) 226-6602 Stauffer Chemical Company or (800) 424-9300 Pesticide Safety Team Network.

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. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

For skin contact, flush all affected areas with plenty of water for several minutes. For eye contact, hold eyelids apart and flush with plenty of water for 15 minutes. Remove and clean contaminated clothing and shoes before re-use. Seek medical attention if skin or eye irritation occurs.

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. 476-2175 EPA Est. No. 477-TX-1

RS-850703

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.

### ENVIRONMENTAL HAZARDS

- .Do not apply directly to water or wetlands.
- .Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product as specified on this label.
- .Do not apply when weather conditions favor drift from areas treated.
- .Do not contaminate water used for domestic purposes.
- .Avoid Contamination of Food and Feed.

### GENERAL PRECAUTIONS

- .Read all instructions before using.
- .Use only for recommended purposes and at recommended rates. Do not overdose.

### GENERAL DIRECTIONS FOR USE

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

- DEVRINOL 50-WP ORNAMENTAL does not control established weeds.
   It must be applied to freshly weeded soil before weeds
   germinate or during fall and winter months.
- 2. DEVRINOL 50-WP ORNAMENTAL can be applied to <u>newly planted</u> container stock after soil has settled from first watering, field grown nursery stock, dichondra and to established plants.
- DEVRINOL 50-WP ORNAMENTAL needs mechanical incorporation, (such as, power tiller), adequate irrigation or natural moisture (rainfall or snow) (1-2 inches within 2-3 days) for optimum results.

4. DEVRINOL 50-WP ORNAMENTAL is recommended on several different container potting soil mixtures. These mixtures include those containing 30 percent soil and/or sand and mixtures containing no soil. (Example: perlite, peat, bark, sawdust and sand).

### WEEDS CONTROLLED BY DEVRINOL 50-WP ORNAMENTAL

### ANNUAL GRASSES:

Barnyardgrass, Junglerice (Echinochloa spp.) Wild Barley (Hordeum leporinum) Annual Bluegrass (Poa annua) (Bromus) Bromes (B. secalinus) Cheatgrass (B. tectorum) Downy Brome Ripgut Brome (B. rigidus) (B. mollis) Soft Chess Large (Hairy) Crabgrass (Digitaria sanguinalis) (Digitaria ischaemum) Smooth Crabgrass Southwestern Cupgrass (Eriochloa gracilis) Foxtails (Setaria) Bristly Foxtail (S. verticilla) Giant Foxtail (S. faberi) Green Foxtail (<u>S. viridis)</u> Yellow Foxtail (S. lutescens) (Eleusine indica) Goosegrass (Sorghum halepense) Seedling Johnsongrass Wild Oats (Avena fatua) (Panicum) **Panicums** Guineagrass (P. paximum) (P. dichotomiflorum) Fall Panicum (P. texanum)
(P. capillare) Texas Panicum Witchgrass (Lolium multiflorum) Italian Ryegrass (Cenchrus spp.) Sandbur Red Sprangletop (Leptochloa filiformis) Stinkgrass (Eragrostis cilianensis)

### ANNUAL BROADLEAF WEEDS:

Carpetweed
Common Chickweed
Coast Fiddleneck
Filaree
Groundsel
Prostrate Knotweed
Lambsquarters
Prickly Lettuce
Little Mallow\*
Redroot Pigweed
Pineappleweed
Common Purslane
Horse Purslane
Common Ragweed\*\*
Annual Sowthistle

(Mollugo verticillata)
(Stellaria media)
(Amsinckia intermedia)
(Erodium spp.)
(Senecio spp.)
(Polygonum aviculare)
(Chenopodium album)
(Lactuca serriola)
(Malva parviflora)
(Amaranthus retroflexus)
(Matricaria matricarioides)
(Portulaca oleracea)
(Trianthema portullacastrum)
(Ambrosia artemisiifolia)
(Sonchus oleraceus)

<sup>\*</sup>From seed \*\*Suppression

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### RECOMMENDATIONS

### NURSERY STOCK - FIELD GROWN

Consult list of plant species on which DEVRINOL 50-WP ORNAMENTAL can be used.

Apply DEVRINOL 50-WP ORNAMENTAL as a broadcast treatment over young nursery stock or as a directed application to larger stock either as a band or broadcast application.

Application can be made anytime of the year to weed free soil; however, since DEVRINOL 50-WP ORNAMENTAL requires 1-2 inches of raintall or irrigation soon af er application for adequate weed control, application should be timed to take advantage of rainfall if irrigation is not available. Fall and winter applications will provide excellent weed control the following spring and summer.

A thorough incorporation of DEVRINOL 50-WP CRNAMENTAL into the soil to a depth of 1-2 inches will provide excellent weed control with less rainfall required.

One application of DEVRINOL 50-WP ORNAMENTAL should provide adequate weed control for a growing season in temperate areas.

### CONTAINER GROWN ORNAMENTALS

Consult list of plant species on which DEVRINOL 50-WP ORNAMENTAL can be used.

Apply DEVRINOL 50-WP ORNAMENTAL as a broadcast application over the containers.

Normal irrigation or rainfall (if a fall or winter application is made in cold areas) should provide sufficient water for satisfactory weed control.

### HOME GROUNDS, HIGHWAY AND INDUSTRIAL ORNAMENTALS PLANTINGS

Use an overall (broadcast) treatment over young ornamentals or as a directed application where larger plants are growing. Irrigate soon after application or apply just before expected rain. Fall through spring applications are preferred if irrigation is not available or if application is to be made in lower summer rainfall areas.

### GROUND COVERS

Apply DEVRINOL 50-WP ORNAMENTAL as a broadcast treatment over the ground covers. Irrigate immediately with a minimum of 1 inch of water or apply when rainfall is expected.

### DICHONDRA

Apply DEVRINOL 50-WP ORNAMENTAL a the time of seeding, or to established dichondra including dichondra sod. Irrigate with a minimum of 1 inch of water.

# RECOMMENDATIONS FOR USE OF DEVRINOL 50-WP ORNAMENTAL ON THESE ORNAMENTALS AND NURSERY STOCK AND CONTAINER STOCK

### FIELD GROWN

### Deciduous and Evergreen Trees

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

### Deciduous and Evergreen Shrubs

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

### Fruit & Nuts

Almond	Lemon	Peach
Apple	Nectarine	Pear
Apricot	0range	Pecan
Cherry	Prune	Pistachio
Filbert	Tangerine	Plum
Grape	Walnut	

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

### Ground Covers

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

### CONTAINER STOCK

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

### Flowers

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

### APPLICATION RATES

### Annual Weeds

For annual grasses and broadleaf weeds apply 8 to 12 lbs. of DEVRINOL 50-WP ORNAMENTAL per broadcast acre (3 to 4.4 oz. per 2 1/2 gallons water per 1,000 sq. ft.).

Use the higher rate when weed populations are heavy or when broadleaves are the primary weeds.

7.

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

DEVRINOL 50-WP 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 50-WP at the recommended rate. Application should be made 2-3 weeks prior to weed emergence. DEVRINOL 50-WP should be mixed with enough water to give adequate coverage of the area to be treated (but no less than 80 gallons per acre). Use a lawn type spray gun.

DEVRINOL 50-WP 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 50-WP should be moved back several weeks to allow for some rainfall between application and weed germination.

### RATE'S OF APPLICATION:

FOR CRABGRASS CONTROL: Apply 4 to 6 lbs. of DEVRINOL 50-WP per acre in 80-120 gallons of water (1.5-2.25 ozs. per 2 1/2 gallons of water 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 4 to 6 lbs. of DEVRINOL 50-WP per acre in 80-120 gallons of water (1.5-2.25 ozs. per 2-1/2 gallons of water 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 4 lbs. of DEVRINOL 50-WP spread uniformly per acre (1.5 ozs. per 1,000 sq. ft.) for crabgrass and another 4 lbs. of DEVRINOL 50-WP per acre for goosegrass. App'y 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 DEVRINOL 50-WP should be made in the fall before the annual bluegrass germinates. Apply 4-6 lbs of DEVRINOL 50-WP per acre in 80-120 gallons of water (1.5-2.25 ozs. per 2-1/2 gallons of water per 1,000 sq. ft.).

### 8.

### TANK MIXTURES

Observe all cautions and limitations on labeling of all products used in combination.

Make only one application per season.

Do not contaminate water by cleaning of equipment or disposal of wastes. Apply these combinations only as specified on this label.

For a tank mixture application, apply the recommended dosage (See Directions For Use) in 80 gallons of water per acre.

### GENERAL TANK MIX DIRECTIONS

Proper care must be used in preparing combination tank mixtures to avoid incompatibility problems. Fill the spray tank at least 2/3 full of water. Start agitation and continue moderate agitation throughout mixing and application. Add, mix and disperse wettable powders first and flowable products next. Make sure each product is thoroughly wetted and dispersed prior to addition of the next product. Complete filling the tank with water, mix thoroughly, and maintain moderate agitation to provide a uniform mix during application. The tank mix combination should not be left in the spray tank for prolonged periods; batches should be mixed and applied the same day. All return lines to the tank must discharge below liquid level.

### DEVRINOL 50-WP/BETASAN 4-E COMBINATION

DEVRINOL 50-WP may be used as a tank mix combination with BETASAN 4-E for crabgrass control in the following established turf grasses: bahia, bermudagrass, centipede, St. Augustine and fescue.

### DIRECTIONS FOR USE

Apply 4 lbs. of DEVRINOL 50-WP and 5 quarts of BETASAN 4-E per acre using a minimum of 80 gallons of water. Application should be made at least 2-3 weeks before the earliest germination date for crabgrass in your area.

The DEVRINOL 50-WP/BETASAN 4-E combination requires a minimum of one half (1/2) inch of rainfall or irrigation 2-3 days after application for adequate control. If irrigation is not available, the application should be delayed several weeks to allow for some rainfall between application and weed germination.

### TANK MIXING DIRECTIONS

Add the recommended amount of DEVRINOL 50-WP to the spray tank while filling with water. After the DEVRINOL 50-WP is thoroughly wetted out and dispersed in all of the water, then add the recommended amount of BETASAN 4-E and mix to provide a uniform dispersion. Apply in at least 80 gallons of water per acre.

RESEEDING: Do not reseed or everseed within six months after application.

### STORAGE AND DISPOSAL

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 food stuffs.

<u>PESTICIDE DISPOSAL</u>: 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 resonably fit for the purposes referred to in the directions for use on the label subject to the inherent risks referred to below. Stuaffer 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 or 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.