

**S A**

BRAND

**50®**

# 5% DIPHENAMID GRANULES

A SELECTIVE PRE-EMERGENCE HERBICIDE FOR USE ON CERTAIN ORNAMENTALS AND CROP PLANTS.

Active Ingredient:

5% Diphenamid (2, 2-diphenylacetamide) ..... 5%

Inert Ingredients ..... 95%

**KEEP OUT OF REACH OF CHILDREN**

Avoid breathing of dust or contact with skin. Wash thoroughly after using. Avoid con-

Destroy bag when empty. Do not reuse.

Do not use in direct combination with fertilizers, insecticides, or fungicides. Do not graze livestock on treated areas. Do not plant edible crops other than those listed below, in soil treated with this product for 6 months after date of last

## GENERAL DIRECTIONS

Diphenamid is a selective, pre-emergence herbicide which controls weeds by killing their seeds as they germinate. It does not control weeds once they have emerged.

Rainfall or overhead irrigation following application improves weed control. For crop plants in areas of furrow irrigation, incorporate to a depth of 2 to 4 inches with P.T.O.-driven equipment (tillers, cultivators, hoes) or double discs. Use only discs with positive depth control. Incorporation of less than 2 inches or more than 4 inches may result in erratic weed control. Shallow cultivation does not reduce the effectiveness of Diphenamid granules.

Small grain cover crops immediately following most crops treated with Diphenamid may be injured. To reduce chances of such injury, a band treatment is recommended. Thoroughly disc or plow soil before planting small grains. Cover crops such as birdshot trefoil, alfalfa, Korean lespedeza, rape and vetch are not affected when following crops treated with Diphenamid.

## APPLICATION DIRECTIONS

**EQUIPMENT:** Use a granular applicator which will uniformly apply these granules at the recommended rate for the soil type. Calibrate the applicator prior to use and check frequently during application to be sure equipment is working properly and distributing the herbicide uniformly.

Avoid excessive fluctuation in level of granules in hopper and speed of equipment since these will cause variations in application. Apply these granules to a smooth soil surface to assure uniform distribution.

**APPLICATION RATES AND TIMING:** The table below gives specific directions for each crop. Rates shown are for broadcast (overall) application. For band treatment, use the following formula to figure rates:

$$\frac{\text{band width in inches}}{\text{row width in inches}} \times \frac{\text{recommended broadcast rate}}{\text{on band}} = \text{amount to apply per acre}$$

5% Diphenamid granules are recommended for use on a wide variety of ornamental plants and certain crop plants. The species on which Diphenamid can be used, the recommended rates and the weeds controlled are shown in the following tables.

## BROADCAST RATES OF 5% DIPHENAMID GRANULES (lbs. per acre)

Crop	When to Apply	Light Soils	Medium Soils	Heavy Soils	Remarks
<u>TOMATOES</u>	At direct seeding or at transplanting or within one month after transplanting or seeding.	80	100	120	Can be applied directly overtop transplants.
<u>PEPPERS</u>	At direct seeding or at transplanting or within one month after transplanting or seeding.	80	80	100	Can be applied directly overtop transplants.
<u>IRISH POTATOES</u>	At planting or immediately after planting.	80	100	120	Can be applied directly overtop transplants.
<u>SWEET POTATOES</u>	At transplanting.	80	100	120	Can be applied directly overtop transplants.
<u>TOBACCO</u>	At transplanting or up to 10 days after transplanting.	80	100	120	Can be applied overtop.
<u>ORNAMENTALS, Woody Shrubs, Trees and Established Flowers.</u>	Apply anytime for pre-emergence weed control.	80	100	120	Can be applied overtop.

## ORNAMENTAL WOODY SHRUBS

Scientific Name Common Name

## ORNAMENTAL TREES (Continued)

Scientific Name Common Name

Southern Agricultural Insecticides, Inc.

BOONE,  
TELEPHONE 76

SA-50 BRAND® PESTICIDES

BRAND

# DALAPON GRASS KILLER

*New  
Improved!*

USE 4 TABLESPOONFULS PER GALLON OF WATER

**ACTIVE INGREDIENTS:**

Sodium salt of dalapon .....	72.5%
Magnesium salt of dalapon .....	12.0%
Total active ingredients equivalent to 74.0% dalapon (2,2-dichloropropionic acid)	

<b>INERT INGREDIENTS</b> .....	15.5%
	<u>100.0%</u>

U.S. Pat. No. 3,671,652

## WARNING: KEEP OUT OF REACH OF CHILDREN

May be harmful if swallowed. Causes eye irritation. May cause skin irritation. Avoid contact with eyes, skin or clothing. In case of contact, flush eyes with plenty of water and get medical attention. For skin, remove contaminated clothing and wash skin with plenty of water. Wash clothing before reuse.

## Southern Agricultural Insecticides, Inc.

PALMETTO, FLORIDA      HENDERSONVILLE, N. C.      BOONE, N. C.  
EPA Reg. No. 829-233 A      Net Weight: 14 oz.

Dalapon is recommended for control of annual grasses such as foxtails, barnyardgrass, and crabgrass; perennial grasses such as lampruss, quackgrass, timothy, paragrass and phragmites; and Cattails. Dalapon is most effective at foliage application, therefore good foliar wetting is especially important. Application should be made early in the season when grasses are growing vigorously and before seedheads form.

**OTHER NON-CROPLAND AREAS SUCH AS ALONG FENCE LINES AND IN PARKING AREAS AND DRIVEWAYS,** mix Dalapon at the rate of 4 tablespoonfuls per gallon of water. Addition of surfactant or spreader sticker such as SA-40 Brand Polyethylene Spreader Sticker at the rate of 1 tablespoonful per gallon of water will improve wetting and often increase effectiveness. To mix: fill sprayer with water, slowly add Dalapon stirring continuously until completely dissolved and add surfactant last to reduce foaming.

Apply spray in a manner that will completely wet a foliage of undesirable grasses. Re-treat as needed to control regrowth and new seedlings.

Difficult to control perennial grasses such as johnsongrass and bermudagrass may require repeat treatment for effective control. Make 2 to 3 applications 10 to 20 days apart.

Cattails and phragmites should be treated in the spring after all shoots have emerged and are 2 to 3 feet tall. Fall treatment of cattails during catkin development is also effective.

Dalapon may be tank mixed with 2,4-D or Silvex in order to control broadleaf weeds and grasses. Use materials such as SA-50 Brand Amine Weed Killer, SA-50 Brand 2,4-D Lawn & Turf Weed Killer or SA-50 Brand Silvex Herbicide for combination treatment. Follow all directions and precautions for these products when used in combination with Dalapon.

Do not reuse container. Destroy when empty.  
Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

Do not allow spray or spray drift to contact foliage or roots of desirable plants or injury will result. Flush sprayer with plenty of water immediately after use to avoid contamination of later sprays and possible corrosion.

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions and precautions given herewith.

PALMETTO, FLORIDA 33561  
P. O. BOX 818  
TELEPHONE 813/722-3285

ACCEPTED

March 1, 1974

INSECTICIDE  
EPA REG. NO. 829-233

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