

45639-107 PM25 1064

SPECIMEN LABEL

ACCEPTED

JUN 22 1987

Under Federal Insecticide, Fungicide, and Rodenticide Act. Registered under EPA Reg. No. 45639-107

Enide 50 W

SELECTIVE PREEMERGENCE HERBICIDE

FOR: Tomato, Pepper, Sweet Potato, Potato, Okra, Strawberry, Blackberry, Raspberry, Tobacco, Soybean, Peanut, Cotton, Fruit Trees, Bermudagrass, Dichondra, Ice Plant, Ornamentals, Conifers, Evergreens, and Hardwood Seedbeds.

ACTIVE INGREDIENT

Diphenamid
(N,N-Dimethyl-2,2-diphenylacetamide)

50% w/w

INERT INGREDIENTS

50% w/w

Total 100% w/w

EPA Reg. No. 45639-107

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que el etiqueta haya sido explicado ampliamente.

KEEP OUT OF REACH OF CHILDREN CAUTION — PRECAUCION STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: REMOVE CONTAMINATED CLOTHING AND WASH WITH SOAP AND WATER.
IF IN EYES: FLUSH WITH WATER. IF EYE IRRITATION PERSISTS, CALL A PHYSICIAN.
IF SWALLOWED: CALL A PHYSICIAN OR POISON CONTROL CENTER. DRINK 1 OR 2 GLASSES OF WATER AND INDUCE VOMITING BY TOUCHING BACK OF THROAT WITH FINGER. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

 **NOR-AM**
NOR-AM CHEMICAL COMPANY

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid inhalation of dust or spray mist. Avoid prolonged or repeated contact with skin and eyes. 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.

ENVIRONMENTAL HAZARDS: Toxic to fish. Do not apply directly to water or wetlands. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

GENERAL USE PRECAUTIONS: Apply this product only as specified on this label. Edible crops other than those registered for Enide50W use should not be planted in Enide 50W treated soil for 6 months after date of last application.

Small grain cover crops sown within 6 months after date of Enide50W treatment may be injured. Use band treatments of Enide50W to reduce the possibility of injury to cover crops or use tolerant cover crops such as vetch, birdsfoot trefoil, Korean lespedeza, alfalfa or rape. Do not use cover crops for food or feed within 6 months after application. Avoid contamination of feed or foodstuffs.

As with all herbicides, effectiveness of Enide50W may be reduced by mistakes in application, fertilization, cultivation and other crop management practices. Results may be affected by extremes in soil and weather conditions. The grower should watch to note that the treatment is working. In case of poor control, weeds should be removed by mechanical or other chemical methods.

STORAGE AND DISPOSAL

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

STORAGE: Store in original container and keep closed. Store in a cool, dry place.

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.

DIRECTIONS FOR USE

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

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.

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.

*** DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM ***

GENERAL INFORMATION

Read all label directions, precautions and conditions of sale before using Enide® 50W. Enide 50W is a 50% wettable powder formulation of diphenamid. It is a preemergence weed control chemical that is selective in activity. It controls many annual grass and broadleaf weeds as they germinate.

To control the following weeds:

Grass Weeds

Annual bluegrass
Annual sedge
Barnyardgrass (Watergrass)
Cheat
Crabgrass
Fall panicum (Panic grass)
Foxtail

Goosegrass (Crowfoot grass)
Johnsongrass (from seed)
Ryegrass
Sandbur (Sandspur)
Stinkgrass
Wild Oat
Witchgrass (Ticklegrass)

Broadleaf Weeds

Carpetweed
Common chickweed
Corn spurry
Eveningprimrose
Field pepperweed
Florida pusley
Groundsel
Knotgrass (German moss)
Knotweed
Lambsquarters

Mousetail chickweed
Pigweed (Careless weed)
Purslane
Red sorrel
Shepherdspurse
Smartweed
Spiny amaranth (Stickerweed)
Thymeleaf sandwort
White clover (in tobacco seedbeds)

Soil Preparation: Prepare the soil for seeding, planting, or transplanting according to good agricultural practices. All weed growth and crop debris should be worked into the soil before treatment. The soil should be moist and loose with all clods broken down.

Incorporation and Irrigation: To be effective, Enide 50W must be moved into the top few inches of soil and contact germinating weed seeds or very young seedlings before they emerge. This may be accomplished by rainfall, overhead irrigation, or mechanical incorporation. If rainfall is not expected shortly after application, apply 1 to 2 inches of water by overhead irrigation, or mechanically incorporate to a depth of 1/2 to 2 inches. Deeper incorporation will dilute the Enide 50W in the soil and may result in poor weed control. Equipment used for incorporation must mix the Enide50W thoroughly and evenly with the soil.

Cultivation: Weeds which emerge after treatment should be destroyed by shallow cultivation (1/2 to 2 inches). Deeper cultivation that brings untreated soil to the surface may result in poor weed control.

Spray Equipment: Before use, calibrate sprayer to deliver proper spray gallonage and uniform spray pattern; check frequently during application. Use standard low pressure (25 to 50 psi) boom sprayer with fan-type nozzles for broadcast application or fan-type even-spray nozzles for band application. Use 50 mesh or coarser screens in strainers, nozzles, and suction units. Clean nozzles and screens frequently; replace worn nozzles to insure uniform application. Maintain continuous agitation of spray mixture. Wind can cause loss of spray or uneven coverage. Do not apply in strong wind.

Broadcast (Overall) Application: See recommendations. Evenly apply the recommended rate of Enide50W in at least 30 gallons of water per acre. Avoid spray overlap that will increase the applied amount of Enide50W above the recommended rates.

Band (Row) Application: The amount of Enide50W required per crop acre is reduced with band application. Use this formula:

$$\frac{\text{Band width (inches)}}{\text{Row spacing (inches)}} \times \text{Broadcast rate in pounds per acre} = \text{Pounds Enide 50W per acre for band treatment}$$

Enide 50w

DIPHENAMID

Recommendations: For control of certain annual grass and broadleaf weeds in crops listed below.

Crop	When to Apply	Lb Enide 50w per acre		Remarks
		Light Soil	Heavy Soil	
Tomato	From 1 week before to 1 month after direct seeding or transplanting.	8	12	Incorporate Enide 50w into soil when applied before seeding or transplanting. May be applied over top of plants.
Pepper	At direct seeding, transplanting, or within 1 month after transplanting.	6	10	May be applied over top of transplants.
Sweetpotato Transplants	At transplanting	8	12	May be applied over top of transplants.
Planted	At bedding	8	12	Apply to soil after covering potatoes.
Potatoes	Between planting and emergence, or at lay-by.	8	12	Shallow cultivation (1/4 to 2 inches) after application will not destroy effectiveness of Enide 50w. However, any tillage operation such as dragging-off, hilling, etc., that brings untreated soil to the surface will result in poor weed control. At lay-by, apply as a directed spray to base of plants. Do not apply within 50 days before harvest.
Olive	At planting	6	10	
Tobacco Seedbed	At seeding	**	**	**Use Enide 50w on light soils at 3 ounces and on heavy soils at 4 1/2 ounces per 1,000 sq ft. Do not mix Enide 50w with other chemicals before application.
Field Before transplanting	From 0 to 7 days before transplanting, OR	8	12	Apply Enide 50w evenly to the soil surface and thoroughly incorporate into the top 2 inches of soil. Plant crop in usual manner.
After transplanting	From transplanting to 7 days after transplanting OR	8	12	May be applied over top of transplants. When Enide 50w is applied more than 2 days after transplanting, tillage is required immediately before or at time of application to destroy germinating weed seeds.
Lay-by	Following last cultivation, usually 4 to 6 weeks after transplanting.	8	12	If Enide 50w was used before or after transplanting (see above), apply 4 to 8 pounds of Enide 50w per acre after the last cultivation. Do not use more than a total of 16 pounds of Enide 50w per acre in both applications.
Cotton	At planting	6	8	
Peanut	At planting, OR	8	12	
	At cracking, or within 7 days after cracking, OR	4	6	Combine Enide 50w with 1 1/2 pounds of DNBP amine per acre.
	At lay-by—following last cultivation	4	4	Will not control established weeds. Do not use if more than 4 pounds per acre of Enide 50w were applied at planting or cracking.
Soybean	At planting	6	10	
	At planting	4	6	Combine Enide 50w with 1/2 pound of linuron or 3 pounds of CIPC per acre. Caution: Do not graze treated areas or feed forage from treated areas to livestock. Do not plant food crops other than soybeans within 6 months after treatment.
Strawberry Newly planted	2-6 weeks after planting but not before new foliage has appeared.	8	12	A temporary delay in the rooting of daughter plants may occur but will not affect yield. Do not use on the herbicide sensitive variety Shasta. Do not apply within 60 days before harvest.
Established	While strawberries are dormant or semi-dormant or after renovation. Additional applications may be made at intervals of 6 months or more	8	12	
Blackberry, Erect and Trailing (Non-bearing)	After planting and before weed seeds germinate.	8	12	Work all weed growth into soil before application. Apply as a directed spray to the soil. Use only in season of planting. Do not apply within 12 months of harvest.
Raspberry, Red and Black (Non-bearing)				
Fruit Trees apple, peach	Any time of the year except when fruit is on tree or within 90 days before harvest.	8	12	Following clean cultivation, apply to soil around established trees. Caution: On peaches do not use on light soil. Do not allow livestock to graze in treated orchards.
Non-bearing, cherry, lime, orange	Do not apply within 12 months before harvest.	8	12	

Recommendations: For control of certain annual grass and broadleaf weeds in crop listed below.

Crop	When to Apply	Lb Enlate 50w per acre		Remarks
		Light Soil	Heavy Soil	
Evergreens, Shrubs and Trees azalea, camellia, juniper, maple, pine, rose, rhododendron, yew (taxus), and many others	In fall or spring before weeds emerge.	12	16	Enlate 50w may be used on new plantings and container stock after plants are established.
Pine seedbeds	Within 48 hours after seeding and mulching, if mulching is used.	8	8	Enlate 50w may flocculate on contact with petroleum solvents such as mineral spirits. If sprayer has been used for mineral spirits, wash it thoroughly with detergent and water before applying Enlate 50w. After broadcast application of Enlate 50w to moist seedbeds, apply 1/2 to 3/4 inch of water by overhead sprinkler irrigation.
Loblolly pine Slash pine				
Annual and Perennial Flowers chrysanthemum, geranium, petunia, phlox, snapdragon, zinnia, and many others	At transplanting, in fall or spring before weeds emerge.	12	16	Do not apply Enlate 50w until plants are well established.
Dichondra New Seeding	At seeding		20	Apply Enlate 50w to the prepared seedbed and rake in 1/2 inch deep before seeding.
Established	Before weeds emerge.		20	Repeat application in 6 months. Existing bermudagrass will be greatly weakened.
Ground Cover Ice Plant, English Ivy Periwinkle Myrtle				
New Plantings	After cuttings have rooted (usually 1 month after planting).		16	Avoid overwatering. Repeat treatment in 6 months.
Established Plantings	Before weeds emerge.			

IMPORTANT: READ BEFORE USE

By using this product, user accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.
CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of weather and soil conditions, manner of use and other factors beyond NOR-AM Chemical Company's control, it is impossible to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible.
DISCLAIMER OF WARRANTIES: THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of NOR-AM Chemical Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. UNDER NO CIRCUMSTANCES SHALL NOR-AM CHEMICAL COMPANY BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM FAILURE TO USE THIS PRODUCT IN ACCORDANCE WITH LABEL DIRECTIONS.
LIMITATIONS OF LIABILITY: In no event shall NOR-AM Chemical Company's liability for damages arising out of the use of this product exceed the purchase price of the product used.