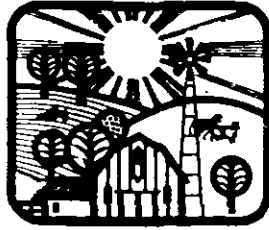


ACME®



AGRICULTURAL PRODUCTS

NOROSAC 4G DICHLOBENIL HERBICIDE

a selective herbicide for control of CRABGRASS, FOXTAIL, SHEPHERDSPURSE, HORSETAIL, PIGWEED, QUACKGRASS, CANADA THISTLE, LEAFY SPURGE, FESCUE, and CERTAIN OTHER ANNUAL and PERENNIAL WEEDS.

ACTIVE INGREDIENT:

*Dichlobenil 4.0%

INERT INGREDIENTS 96.0%

TOTAL 100.0%

*2,6-dichlorobenzonitrile

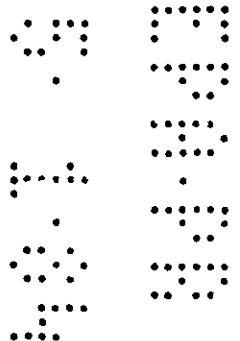
KEEP OUT OF REACH OF CHILDREN

CAUTION

See back of bag for additional
precautionary statements.

**NET WEIGHT FIFTY POUNDS
(22.68 KILOGRAMS)**

ACCEPTED
MAY 13 1984
Insecticide,
Fungicide, and
Herbicide Act
for the pesticide
see back of bag
EPA Reg. No. 2217-675





READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals:
CAUTION: Harmful if swallowed. Do not breathe dust. Do not allow contact with eyes or skin.

Statement of Practical Treatment:
If Swallowed: Induce vomiting by drinking water and touching back of throat with finger.
If Inhaled: Remove to fresh air.
If In Eyes: Rinse with water for 15 minutes.
If On Skin: Wash with soap and water.

Environmental Hazards:
Do not apply directly to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

STORAGE & DISPOSAL

Storage: Store in original bag in a locked storage area inaccessible to children or pets. Storage area should be cool and dry. Keep bag tightly closed. Re-seal bag by rolling down top to product level and taping or clipping. Do not store near seeds, bulbs, or in greenhouses.

Pesticide Disposal: Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of 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.

504/454
EPA REG. NO. 221-175
EPA EST. NO. 3340-1N-1



PERENNIAL WEED CONTROL

This product is recommended for control of certain perennial weeds such as ARTEMISIA, CANADA THISTLE, CURLY DOCK, FALSE-LEANDELONIA, LATE BELL PEWEE, HORSETAIL, LEAFY SPURGE, ORCHARDGRASS, QUACKGRASS, RUSSIAN KNAWEED, TIMOTHY, WILD ARTICHOKE, WILD ASTER, WILD CARROT, AND YELLOW ROCKET IN ESTABLISHED WOODY ORNAMENTALS, NUTS AND FRUIT and for control in non-crop areas such as along roads & highways, in Forestry Parklands, Parks, around buildings, hedges and trees, play & sports grounds, along fences, railroad and utility right-of-ways and installations.

SOIL SURFACE TREATMENT: Apply as soil surface treatment from late fall through early spring. For best results, applications in the states of Maine, Vermont, New Hampshire, Massachusetts, Rhode Island, Connecticut, New York, Michigan, Wisconsin, Minnesota, North Dakota, South Dakota, and Montana should be made in early spring after the ground has thawed. Do not apply to frozen ground or over the top of the snow. Old weed growth should not be removed before application. Do not make surface application to areas which have been cultivated during the fall or summer prior to application.

INCORPORATED TREATMENT: Apply and incorporate immediately after application in late fall or very early spring.

ANNUAL WEED CONTROL

This product is recommended for control of annual grassy and broadleaved weeds such as ANNUAL BLUEGRASS (POA ANNUA), BLUEGRASS, BULL THISTLE, CAMPORWEED, CARPETWEED, CHICKWEED, CITRUS MELON, COFFEYWEED, C. BGRASS, CUDWEED, DANDELION, DOGFENNEL, EVENING PRIMROSE, FIDDLENECK, FLORIDA PURSLANE (PUSLEY), FOXTAIL, GISEKIA, GROUNDSEL, HENBIT, JERUSALEM OAK, GOOSEFOOT, KNOTWEED, LAMBSQUARTERS, MAYPOPS, MILKWEED VINE (MORRETTA), OODRATA, MINERS LETTUCE, NATALGRASS, OLD WITCHGRASS, PEPPERGRASS, PINEAPPLEWEED, PLANTAIN, PURSLANE, RAGWEED, RED DEADNETTLE, REDPOOT, RIGWEED, ROSARYPEA, RUSSIAN THISTLE, SHEPHERDSPURSE, SMARTWEED, SPANISH NEEDLES, SPURGE, TEAWEED, TEXAS PANICUM (HURRAHGRASS), WILD BARLEY, WILD MUSTARD, WILD RADISH, AND YELLOW WOODSORREL.

Apply in early spring before seeds of annual weeds germinate or after cultivation has removed the growing weeds. Distribute granules uniformly over the soil surface. If treatment is followed by application of 1/2 to 1 inch of water by overhead irrigation, the lower rates are recommended. Shallow incorporation immediately after application is recommended in southern areas. In other areas, shallow incorporation or sprinkler irrigation is suggested when applications are made during periods of high temperatures.

FRUIT AND NUTS IN ORCHARDS AND NURSERIES

This product may be used on the following crops. Do not allow livestock to graze treated orchards.

- A. Almond, Apple, Blueberry, Cherry, Grape, Mango, Nectarine, Peach, Pear, Plum, Plum, Elder, Pecan (Do not use on pecan seedlings within 6 months of planting) and English Walnut. Do not apply until 4 weeks after transplanting. Do not make application within one month of harvest of nuts or stone fruits. Apply 100 to 150 pounds per acre for annual weed control based on area actually treated. For control of perennial weeds apply 150 pounds per acre. Follow General Directions for Use, Blueberry and Raspberry. For control of annual weeds follow General Directions for Use, except use only on established plantings and do not apply more than 100 pounds per acre. Do not apply during new shoot emergence.
- B. Citrus (bearing and non-bearing oranges, grapefruit, tangerines, lemons, and limes) in groves. Apply 75 to 150 pounds per acre and incorporate immediately to a depth of 1 to 2 inches by use of power driven rotary hoe. Do not apply less than one year after transplanting. Do not apply before water ring is removed.

Once these purposes this product may be used for control of annual weeds in the following citrus root stocks: Citopatia mandarin, rough lemon, sour orange, and sweet orange. Apply to weed-free soil 1/2 lb. 1/2 pounds per acre. Make first application in early spring after removal of bark and second in early summer, not less than 90 days after the first application. Apply broadcast and irrigate lightly with overhead system 1/2 to 1 inch. Do not apply during 6 months following possible freeze damage on any citrus.

WOODY ORNAMENTALS (ESTABLISHED AND NURSERY STOCK), FOREST PLANTINGS, and SHELTER BELTS

For control of annual weeds this product may be used on the following plants. Apply 100 to 150 pounds per acre based on area actually treated. Do not apply until 4 weeks after transplanting. Follow Directions for Use above.

For control of perennial weeds listed, apply 150 to 200 pounds per acre. Do not apply more than 150 pounds per acre on AZALEA, BOXWOOD, EUONYMUS, FORSYTHIA, HEATHER, HOLLY, IVY, LAC LAC (LAC THOE). Do not apply more than 150 pounds per acre on plantings less than one year old. Follow Directions for Use listed above. Do not apply to containers in which nursery stock is grown.

Amur Corktree	Filbert	Nandina
Arbor Vitae	Flowering Almond	Oak
Ash	Flowering Quince	Osmanthus
Azalea	Forsythia	(Holy-olive)
Bayberry	Gardenia	Pachistima
Beauty Bush	Goldenrain tree	Pecan
Berry	Hackberry	Photinia
Boswell	Heather	Pine
Boxwood	Holly (Ilex spp.) ¹	Podocarpum
Camelia	Honeysuckle	Poplar
Caragana	Ivy (Hedera helix)	Privet
Cleyera japonica	Juniper	Pyracantha
Cotoneaster	Kinnikinnick	Rhododendron
Cottonwood	Laurel	Rhodrose
Crabapple	Leucodaphne	Rose
Deutzia	Liriodendron	Russian Olive
Dogwood	Linden	Spruce
Eastern Red Cedar	Locust	Sourwood
Elm	Magnolia	Wax
Elmwood Cypress	Maple	Wedge
English Walnut	Mock Orange	Yew (Taxus)
Euonymus	Mountain Ash	

¹ Kurlume, Moils Hardy hybrid types and hardy native. Acres only.
² Except crenata, latifolia, & vomitoria.

USE PRECAUTIONS

Do not use in seed beds, transplant or cutting beds or greenhouse. Do not apply until 6 months after rooting of cuttings in the field, or after planting rooted cuttings. Do not apply to areas on slopes above level of susceptible crops as runoff water from treated areas could cause injury. Do not apply on fruit stock within 3 months prior to or following grafting or budding of cuttings or planting of new grafts. Do not apply more than the maximum recommended amount per growing season. Do not use on St. Lucie fine sand, Arzale fine sand, or other light sand soil. Do not graze livestock on treated areas. Store in a tightly closed container in a dry place.

WEED CONTROL IN ESTABLISHED ALFALFA SEED AND LADINO SEED PRODUCING FIELDS

(For Seed Alfalfa in Northwest Area, Seed Ladino Clover in Pacific Coast Area.)

For control of all species of dodder and certain grassy and broadleaved weeds such as lambsquarters, pigweed, green foxtail, buckhorn plantain, prickly spurge, thistle, annual cyprus, chickweed, shepherdspurse, knotweed, prickly lettuce, sow thistle and germinating seeds of these weeds, apply at 35 to 50 pounds per acre. Use the lower rate on light soils and the higher rate on heavier soils. Distribute uniformly by use of either ground or aerial granule distribution equipment. Do not skip or over-apply.

ALFALFA: Apply in spring as a surface application just prior to and after weed seed germination. To insure continued control of dodder, make a second application four to six weeks after the first, using 50 pounds per acre in the standing alfalfa without incorporation, just before irrigating. This product can be used for dodder control under either sprinkler or furrow irrigation.

LADINO CLOVER: Make application after harvest when adequate rainfall or supplemental irrigation is assured, while crop is semi-dormant to dormant.

USE PRECAUTIONS:

Use only in fields devoted exclusively to seed production. Do not apply if any part of the crop or subsequent cuttings are used for food or feed purposes. Do not graze or use forage from treated area. Do not use seed for food or feed purposes. Apply only to established stands. Do not apply more than 50 pounds at any one time or more than 100 pounds per season.

WEED CONTROL IN CRANBERRIES

Control of perennial and annual broadleaved and grassy weeds (including rushes and sedges) in cranberries can be obtained by use of this product. The following weeds are controlled: Sensitive Fern, Bracken Fern, Royal Fern, Hair Cap Moss, Common Horsetail, Water Horsetail (pipper), Rush (Juncus spp.), Dodder, Blue-joint grass, Rattlesnake grass, (Manna grass), Summer grass, Velvetgrass, Bent Grasses, Little Hairgrass, Crabgrass, Rice Cutgrass, Bunch grass, Muskgrass, Nutgrass (nutgrass), Short Weeds, Wildcat grass, St. Johns grass, Woodgrass, Cotton grass, Hoop grass, Omongrass, Arrowleaved Teat Thumb, Bear-ticks, Knotweed, Loosestrife, Marsh St. Johns wort, Tideland clover, Ryegrass, Sorrel, Wild Strawberry, Aster, Buckbean, Hawkweed, Western Lilaeopsis, Marsh Pew, Plantain, Smartweed (Marshpepper Pennsylvania, Spotted, Swamp and Water).

Application should be made in early spring while perennial weeds are still dormant and annual weeds have not started to germinate or in late fall after crop has been harvested. Apply pre-bloom or post-harvest.

SPRING TREATMENT

AREAS OTHER THAN PACIFIC NORTHWEST - Apply 100 pounds per acre. Do not make spring application if treatment was made the previous fall. See specific directions for spring treatment in the Pacific Northwest.

PACIFIC NORTHWEST - Two equal applications may be made in early spring with interval of 3 to 6 weeks between treatments. Total application should be 100 pounds per acre.

FALL TREATMENT

In all growing areas apply 100 to 150 pounds per acre in the fall after crop has been harvested. Do not make fall application if treatment was made the previous spring. Use high rate only on very weedy bogs or on bogs abandoned because of weeds.

USE PRECAUTIONS:

Distribute granules uniformly. Avoid over-application which may result from over-lapping during treatment. Temporary reddening of cranberry plants may occur especially with late spring application or when applied on sandy bogs. Do not use on young beds or newly sanded beds or on bogs prior to or immediately after mowing for vines.

OTHER USES

NUTSEDGE CONTROL: To control nutsedge (nutgrass) on mineral soils in areas on which containers of nursery stock are to be grown or held - and also for control in non crop areas - apply 250 to 500 pounds per acre and incorporate immediately to a depth of 1 to 6 inches. Seasonal control of annual weeds will also be obtained. Containers of plants listed above may be placed on treated soil immediately. Do not transplant into treated soil.

UNDER ASPHALT: For general weed control under asphalt (in areas such as roadways, parking lots, recreational areas) after final grade is achieved apply 250 to 300 pounds per acre (50 to 75 pounds per 1000 sq. ft.). Treated area should be covered with asphalt as soon as possible. For resurfacing work, existing weeds should be sprayed with a contact herbicide prior to application.

WARRANTY

The manufacturer warrants that the chemical composition conforms to the ingredient statement given on the label and that this product is suited for the labeled uses when applied according to label directions. Because of widely varying use conditions it is impossible to eliminate all risks even when label directions are followed. Therefore, the manufacturer makes no other implied or express warranty nor is any agent of the manufacturer allowed to do so. Upon purchase of this product the buyer assumes all risks associated with use of this product. In the event of damage resulting from a breach of warranty the buyer agrees to accept a refund of the purchase price of the product as full discharge of the manufacturer's liability.

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