

NET CONTENTS

50 POUNDS

CASORON® G-4

DICHLOROBENZYL WEED AND GRASS KILLER

ACCEPTED

NOV 13, 1972 148-614

UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC POISONING UNDER NO. 148-614

KEEP OUT OF THE REACH OF CHILDREN

GENERAL DIRECTIONS

PERENNIAL WEED CONTROL

CASORON G-4 is recommended for control of certain perennial weeds such as ARTEMISIA, CANADA THISTLE, CURLY DOCK, FALSEDANDELION (CATSEAR), FESCUE, 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 roadways, around buildings and fences, railroad and utility rights-of-way and installations.

SOIL SURFACE TREATMENT: Apply CASORON G-4 as a soil surface treatment in late fall from November 15 to February 15. 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 CASORON G-4 and incorporate immediately after application in late fall or very early spring before May 1.

ANNUAL WEED CONTROL

CASORON G-4 is recommended for control of annual grassy and broadleaved weeds and certain perennial weeds such as: ANNUAL BLUEGRASS (POA ANNUA), BLUEGRASS, BULL THISTLE, CAMPHORWEED, CARPETWEED, CHICKWEED, CITRON MELON, COFFEEWEED, CRABGRASS, CUDWEED, DANDELION, DOGFENNEL, EVENINGPRIMROSE, FIDDLENECK, FLORIDA PURSLANE (PUSLEY), FOXTAIL, GISEKIA, GROUNDSEL, HENBIT, HORSETAIL, JERUSALEMOAK GOOSEFOOT, KNOTWEED, LAMBSQUARTERS, MAYPOPS, MILKWEED VINE (MORRENIA ODORATA), MINERS LETTUCE, NATALGRASS, OLD WITCHGRASS, PEPPERGRASS, PINEAPPLEWEED, PLANTAIN, PURSLANE, RAGWEED, RED DEADNETTLE, REDROOT PIGWEED, ROSARYPEA, RUSSIAN THISTLE, SHEPHERDSPURSE, SMARTWEED, SPANISHNEEDLES, SPURGE, TEAWEED, TEXAS PANICUM (HURRAHGRASS), WILD BARLEY, WILD MUSTARD, WILD RADISH, AND YELLOW WOODSORREL.

Apply CASORON G-4 either 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

CASORON G-4 may be used on the following crops; do not allow livestock to graze treated orchards:

- A. Almond, Apple, Avocado, Blueberry, Cherry, Fig (California only), Grape, Mango, Nectarine, Peach, Pear, Prune Plum, Filbert, Pecan (Do not use on pecan seedlings within 6 months of planting), and English Walnut. May be used on bearing, non-bearing and nursery stock.

ACTIVE INGREDIENT	
Dichlobenil	4.0%
INERT INGREDIENTS	96.0%
	100.0%

1,2,6-dichlorobenzonitrile
A SELECTIVE HERBICIDE FOR CONTROL OF CRABGRASS, FOXTAIL, SHEPHERDSPURSE, HORSETAIL, PIGWEED, QUACKGRASS, CANADA THISTLE, LEAFY SPURGE, FESCUE, AND CERTAIN OTHER ANNUAL AND PERENNIAL WEEDS.

CASORON is a Research Discovery of
N.V. PHILIPS-DUPHAR
U.S. Patent No. 3,027,248

Directions are supplied for information purposes only. They are believed to be reliable but are in no way guaranteed. While these directions pertain to application under average conditions, ineffective weed control or crop damage may result from differing conditions of soil, temperature, moisture and crop variety. Therefore, before large-scale use, this product should be applied on a trial basis under conditions actually encountered. Consult agricultural extension or agricultural experiment station weed specialists regarding recommendations of timing and rate of application.

BEFORE USE READ DIRECTIONS, CAUTION, AND NOTICE STATEMENTS CAREFULLY.

CAUTION

HARMFUL IF SWALLOWED. Do not breathe dust. Do not allow contact with eyes or on skin. Use with caution. Avoid contamination of feed and food stuffs. Keep out of reach of children. Do not store with propagative structures such as seed, bulbs, tubers, nursery stock, etc., or with feed or food products. Do not reuse empty container. Destroy by burying in a safe place. Do not apply herbicides to plants under unusual stress, resulting from drought, frost, insects, nematodes, etc., as injury may result.

Use of CASORON G-4 on plants not listed on the label may result in damage.

NOTICE

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

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 odder and certain grassy and broadleaved weeds such as lambquarters, pigweed, green foxtail, buckhorn plantain, prickly oxtonia, thistle, annual ryegrass, chickweed, shepherdspurse, knotweed, prickly lettuce, sow thistle and germinating seeds of these weeds, apply CASORON G-4 at 35 to 50 lbs. 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 overlap.

ALFALFA: Apply CASORON G-4 in spring as a surface application just prior to dodder and 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. CASORON G-4 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 semidormant to dormant.

PRECAUTION

Use only in fields devoted exclusively to seed production. Do not apply CASORON 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 of CASORON G-4 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 CASORON G-4. The following weeds are controlled: Sensitive Fern, Bracken Fern, Royal Fern, Hair Cap Moss, Common Horsetail, Water Horsetail (pipes), Rush (Juncus spp.), Dodder, Bluejoint grass, Rattlesnake grass (Manna grass), Summer grass, Velvetgrass, Bent Grasses, Little Hairgrass, Crabgrass, Rice Cutgrass, Bunch grass, Muskrat grass, Nutsedge (Nutgrass), Short Wiregrass, Videleaf grass, Stargrass, Woolgrass, Cotton grass, Needlegrass, Oniongrass, Arrowleaved Tear Thumb, Beggarsticks, Knotweed, Loosestrife, Marsh St. Johnswort, Tideland clover, Ragweed, Sorrell, Wild Strawberry, Aster, Buckbean, Hawkweed, Western Lilaeopsis, Marsh Pea, 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 50 pounds of CASORON G-4 per acre. Do not make

P1

P2

S2

S3

S3

S1

BEFORE USE READ DIRECTIONS, CAUTION AND NOTICE STATEMENTS CAREFULLY.

CASORON AQ is recommended for the control of submersed aquatic weeds in non-flowing water, such as ponds, reservoirs and lakes. CASORON AQ applied before weed growth begins will give season long control of several species of weeds including the following:

<u>Elodea</u>	<u>Naiads</u>	<u>Chara</u>
Northern watermilfoil	Coontail	Pondweeds (<i>Potamogeton</i> spp.)

CASORON AQ applied before weed emergence prevents weed growth. This avoids the need to control existing stands of vegetation and the accompanying risk of fish loss. CASORON AQ does not harm fish when used as directed.

DIRECTIONS

Apply CASORON AQ during early spring either to exposed pond bottoms or through the water. CASORON is active through the soil rather than through the water, therefore uniform distribution of the granules over the entire area to be treated is essential. It is particularly suited for use as a partial pond treatment, treatment around boat docks, and swimming areas.

Treatment of Exposed Bottoms and Shorelines.

Apply CASORON AQ at a rate of 175 to 250 pounds per acre. Complete and uniform coverage of the area, whether it be applied to the soil or into the water, is necessary for control. Use the lower rate if the soil is wet at the time of application, or if the water is less than 1 foot deep. In the case of treatment after drawdown, the pond should be refilled promptly.

Treatment Through Water.

Distribute CASORON AQ uniformly over the surface of the water using a rate of 250 to 375 pounds per acre of surface area. The lower rate should be used in shallow water less than 2 feet deep, the higher rate in deep water over 5 to 6 feet. Application should be made during periods of calm when wave action is at a minimum. Use of a non-motorized boat is recommended to avoid excessive water turbulence.

CASORON AQ should be spread using an applicator such as the Casoron spreader. If areas to be treated are small, satisfactory application can be made by hand, throwing the granules with a small scoop. CASORON AQ is designed to sink rapidly in water.

PRECAUTIONS

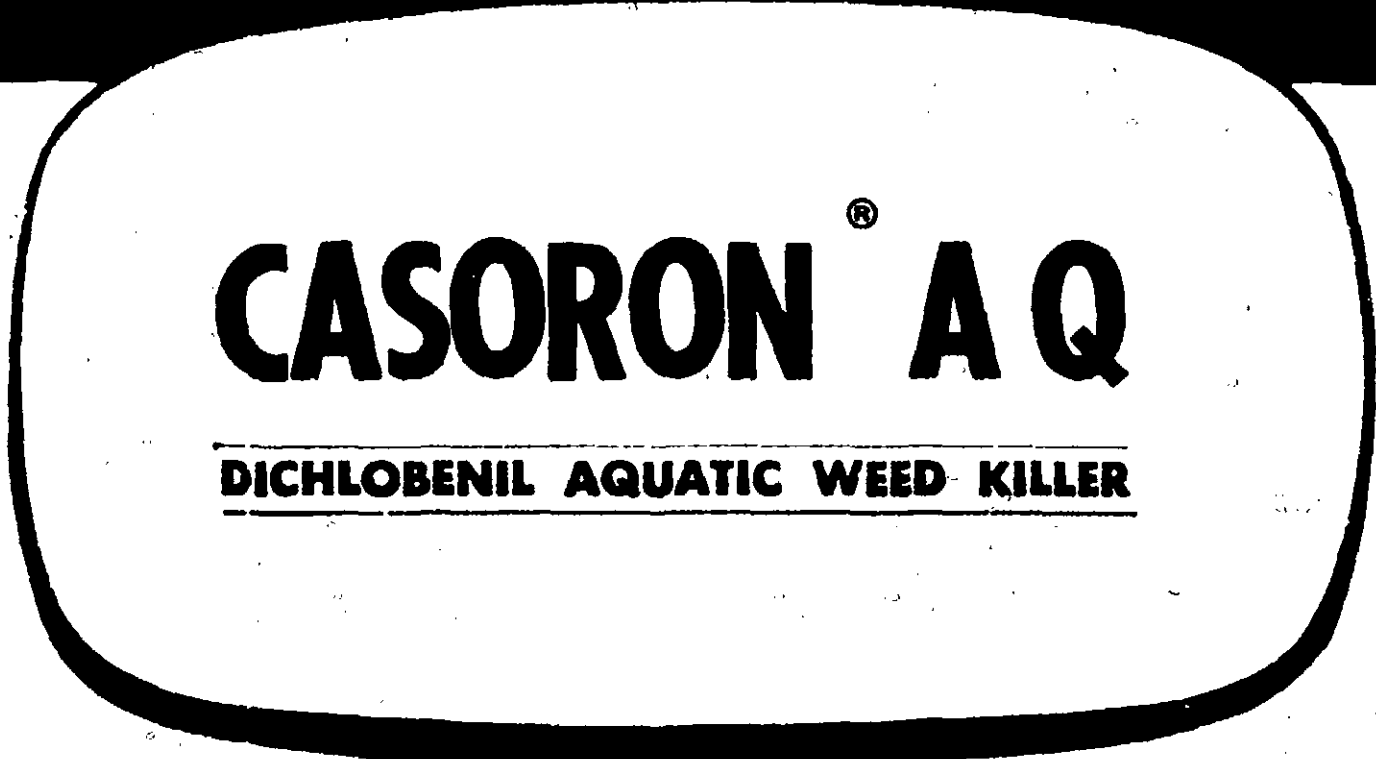
Do not apply to water which will be used for crop irrigation, for livestock watering or for human consumption. Do not use fish from treated waters for food or feed for a period of 90 days after application. Do not use in commercial fish or shell-fish waters. Consult your State Fish Game Department before applying CASORON to public waters.

CAUTION

HARMFUL IF SWALLOWED! Do not breathe dust or vapors. Do not allow contact with eyes or skin. Use with caution. Avoid contamination of feed and foodstuffs. Store in a tightly closed container in a dry place. Do not reuse container. Destroy when empty.

NOTICE

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CAUTION Keep Out of Reach of Children

SEE OTHER PANEL FOR ADDITIONAL CAUTIONS.

ACCEPTED
 MAR 16, 1968
 UNDER THE FEDERAL INSECTICIDE AND FUNGICIDE ACT AND NATIONAL ACTIVE INGREDIENTS FOR ECONOMIC POISON REGISTERED UNDER NO. 148-673
 TO ATTACHED COMMENTS. INERT INGREDIENTS

A PRE-EMERGENCE HERBICIDE FOR THE CONTROL OF CERTAIN AQUATIC WEEDS.

ACTIVE INGREDIENT: Dichlobenil**	4.0%
INERT INGREDIENTS	96.0%
	100.0%

**2,6-dichlorobenzonitrile

A Research Discovery of N. V. Philips-Duphar

U. S. Patent 3,027,248

U.S.D.A. Reg. No. 148-673

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