

148-615

12/07/1970

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**ACCEPTED**

**DEC 7 - 1970**

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC PESTICIDE REGISTER-  
ED UNDER NO. 148-615 SUBJECT  
TO ATTACHED COMMENTS.

**NET CONTENTS**

**4 POUNDS**

# CASORON<sup>®</sup>

## W-50

**ACTIVE INGREDIENT:**

Dichlobenilr ..... 50.0%

**INERT INGREDIENTS** ..... 50.0%

**100.0%**

12, 4-dichlorobenzonitrile

**A SELECTIVE PRE-EMERGENCE HERBICIDE FOR CONTROL OF CRABGRASS,  
FOXTAIL, DANDELION, HORSETAIL, PIGWEED, RAGWEED  
AND CERTAIN OTHER WEEDS.**

**CAUTION** Keep Out of Reach of Children  
SEE BACK PANEL FOR ADDITIONAL CAUTIONS.

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

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

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 time and rate of application.

USDA Reg. No. 148-615

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**THOMPSON-HAYWARD CHEMICAL COMPANY**

Kansas City, Kansas

GENERAL DIRECTIONS

ANNUAL WEED CONTROL

CASORON W-50 is recommended for control of annual grassy and broadleaved weeds and certain perennial weeds such as CRABGRASS, REDROOT PIGWEED, HENBIT, SMARTWEED, WILD MUSTARD, PINEAPPLE WEED, KNOTWEED, CHICKWEED, SHEPHERDSPURSE, LAMBSQUARTERS, GROUNDSEL, CARPETWEED, PURSLANE, MAYPOPS, ANNUAL BLUEGRASS (POA ANNUA), BLUEGRASS, CUDWEED, DANDELION, EVENING PRIMROSE, PEPPERGRASS, PLANTAIN, RAGWEED, RUSSIAN THISTLE, TEXAS PANICUM (HURRAHGRASS), YELLOW WOODSORREL, SPURGE, HORSETAIL, FOXTAIL, FIDDLENECK, BULL THISTLE, MINERSLETTUCE, RED DEADNETTLE, WILD BARLEY, WILD RADISH, DOG FENNEL, AND OLD WITCHGRASS. Apply CASORON W-50 over-all or as a directed spray either in early spring before seeds of annual weeds germinate or after cultivation has removed the growing weeds. Apply in sufficient water for uniform coverage (at least 50-gallons per acre). 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 temperature. CASORON W-50 may be used for weed control on the plants listed below.

PRECAUTIONS: Do not use in seed beds, transplant or cutting beds or greenhouses. Do not apply until 6 months after rooting of cuttings in the field, or after planting rooted cuttings. Do not apply on fruit stock within 3 months prior to or following grafting or budding of root stocks or planting of new grafts. Do not apply more than the maximum recommended amount of CASORON W-50 per growing season. Do not use on "St. Lucie fine sand", "Arzell fine sand" or other light sand soil. Do not graze livestock in treated areas. Store in a tightly closed container in a dry place.

FRUIT AND NUTS IN ORCHARDS AND NURSERIES

CASORON W-50 may be used on the following crops:

Almond

- A. 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), English Walnut. May be used on bearing, non-bearing and nursery stock. Do not apply until 4 weeks after transplanting. Do not make application within one month of harvest of nuts or stone fruits nor within five months of harvest of figs. Apply 8 to 12 pounds per acre, based on area actually treated. Follow general directions above.
- B. Blackberry and Raspberry. Follow application directions above except use only on established planting and do not apply more than 8 pounds per acre. Do not apply during new shoot emergence.
- C. Citrus (bearing and non-bearing oranges, grapefruit, tangerines, lemons and limes, in groves: Apply 8 to 12 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.
- D. Citrus Nurseries: CASORON W-50 may be used for control of annual weeds in the following citrus root stocks: Cleopatra mandarin, rough lemon, sour orange, and sweet orange. Apply CASORON W-50 to weed-free soil at 8 to 12 pounds per acre. Make first application in early spring after removal of banks, and second in early summer, not less than 90 days after the first. Apply broadcast, and unless soil is wet irrigate lightly with overhead system (1/4 to 1/2 inch). Do not apply CASORON W-50 during 6 months following possible freeze damage on any citrus.

WOODY ORNAMENTALS, SHELTERBELTS AND FOREST PLANTINGS

ESTABLISHED AND IN NURSERIES

CASORON W-50 may be used for weed control on the plants listed below. Apply 8 to 12 pounds per acre, based on area actually treated. Do not apply until 4 weeks after transplanting. Follow general directions above.

Amur Corktree	Eastern Red Cedar	Kinnikinnick	Pittosporum
Arbut Vitis	Elm	Laurel	Podocarpus
Ash	Elwood Cypress	Leucothoe	Peper
Azalea <sup>1</sup>	English Walnut	Lilac	Privet
Barberry	Euonymus	Linden	Pyracantha
Beauty Bush	Filbert	Locust	Rhododendron
Birch	Flowering Almond	Magnolia	Rockrose
Bowlder	Flowering Quince	Maple	Rose
Boxwood	Forsythia	Mock Orange	Russian Olive
Camellia	Gardenia	Mountain Ash	Spiraea
Caragana	Goldenraintree	Nandina	Spruce
Cleyera japonica	Hackberry	Oak	Squawcaper
Cotoneaster	Heather	Osmanthus (Holly-olive)	Viburnum
Cottonwood	Holly (Ilex spp.) <sup>2</sup>	Pachistima	Weigela
Crabapple	Honeysuckle	Pecan	Willow
Deutzia	Ivy (Hedera helix)	Photinia	Yew (Taxus)
Dogwood	Juniper	Pine	

<sup>1</sup>Kuruma, Mallis, Hardy hybrid types and hardy native species only.

<sup>2</sup>Except *I. crenata*, *I. retunda*, *I. vomitoria*.

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 foodstuffs. Keep out of reach of children. Do not store with seed, 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 W-50 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.