



# CASORON<sup>®</sup> W-50

**ACTIVE INGREDIENT:**

Dichlobenil† .....	50.0%
INERT INGREDIENTS .....	50.0%
	<u>100.0%</u>

†2, 6-dichlorobenzonitrile

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

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

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

USDA Reg. No. 148-615

**T·H**™

**THOMPSON-HAYWARD CHEMICAL COMPANY**  
SUBSIDIARY OF PHILIPS ELECTRONICS AND PHARMACEUTICAL INDUSTRIES CORP.  
Kansas City, Missouri

**ACCEPTED**

**MAY 23 1966**

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
UNDER NO. 148-615 SUBJECT  
TO ATTACHED COMMENTS.

DIRECTIONS

BEFORE USE READ DIRECTIONS, CAUTION AND NOTICE STATEMENTS CAREFULLY  
The following general 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 local agricultural authorities for detailed recommendations of application under varying local conditions.  
WEED CONTROL IN WOODY ORNAMENTALS, FRUIT TREES, SHELTERBELT AND FOREST TREES.

*over all or as a directed spray.*

CASORON W-50 is recommended for control of certain grassy and broadleaved weeds such as crabgrass, redroot pigweed, henbit, smartweed, wild mustard, pineapple weed, knotweed, chickweed, shepherds purse, lambsquarters, groundsel, carpetweed, purslane, annual bluegrass (*Poa annua*), spurge, horsetail, and foxtail. Apply CASORON W-50 only to prepared weed-free soil either in early spring before seeds of annual weeds germinate or after cultivation has removed the growing weeds. CASORON W-50 may be used for weed control on the plants listed below. Apply 8 to 12 pounds of CASORON W-50 per acre, based on area actually sprayed, 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.

WOODY ORNAMENTALS, ESTABLISHED AND IN NURSERIES

CASORON W-50 may be used for weed control on the plants listed below. Follow application directions given above.

- |                              |                               |                                 |
|------------------------------|-------------------------------|---------------------------------|
| Arbor Vitae                  | Forsythia                     | Pine                            |
| Azalea (1)                   | Gardenia                      | Pithecolobium                   |
| Burberry                     | Gladiolus (2)                 | Podocarpus                      |
| Boxwood ( <i>Buxus</i> spp.) | Heather                       | Privet ( <i>Ligustrum</i> spp.) |
| Camellia                     | Holly ( <i>Ilex</i> spp.) (3) | Pyracantha                      |
| Catnecaster                  | Ivy ( <i>Hedera helix</i> )   | Rhododendron                    |
| Crabapple                    | Juniper                       | Roses                           |
| Elwood Cypress               | Kinnikinnick                  | Spruce                          |
| ( <i>Chamaecyparis</i> spp.) | Leucothoe                     | Viburnum                        |
| Euonymus                     | Maple                         | Willow                          |
| Fir ( <i>Abies</i> spp.)     | Mock Orange                   | Yew ( <i>Taxus</i> spp.)        |
|                              |                               | Zabel Laurel                    |

Dogwood, Nandina, Spirea, Honeysuckle, Lilac, Pachistima, Magnolia, Linden, Goldenraintree, Amur Corktree, Flowering Quince, Photinia.

(1) Kurume, Mollis, hardy hybrid types and hardy native species only. (2) except Pacific Northwest. (3) except *I. crenata*, *I. rotunda*, *I. vomitoria*.

SHELTERBELTS AND FOREST PLANTINGS

CASORON W-50 may be used for weed control on the plants listed below in nurseries or for maintenance weed control. Follow application directions listed above:

- |              |             |               |                   |
|--------------|-------------|---------------|-------------------|
| Jack Pine    | Chinese Elm | Boxelder      | Green Ash         |
| Cottonwood   | Hackberry   | Russian Olive | Eastern Red Cedar |
| American Elm | Caragana    | Honey Locust  |                   |

FRUIT TREES, FRUIT AND NUT TREE NURSERIES

CASORON W-50 may be used as a directed spray for weed control in bearing tree fruits and as a non-directed spray on non-bearing trees and nursery stock of the following fruits and nuts. Do not graze treated areas. Do not spray fruit or foliage of bearing trees. Follow application directions listed above.

Apple Avocado Cherry Mango Peach Pear Prune plums

PECANS IN NURSERIES AND FIELD TRANS-PLANTED: Follow application directions above. Do not apply on seedlings within 6 months of planting.

~~CITRUS (bearing and non-bearing oranges, grapefruit, tangerines and limes) IN GROVES: Apply 8 to 12 pounds of CASORON W-50 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.~~

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~~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 120 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 citrus.~~

PRECAUTIONS

On transplanted stock do not apply until 4 weeks after transplanting (for citrus see above). Do not use in seed beds, transplant or cutting beds. Do not apply until 6 months after rooting of cuttings in the field. Do not use on "St. Lucie fine sand," "Arzell fine sand" soils or other light sand soils. Do not graze livestock in treated areas. Continuous agitation within the spray tank is essential. Wash out spray tank thoroughly after use. Store in a tightly closed container in a dry place.

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. Do not store with seed, feed or food products. Keep out of reach of children.

NOTICE: No warranty expressed or implied is made concerning this product or its use except that it conforms to the chemical description on this label and no person is authorized to make any other representation. Neither Thompson-Hayward Chemical Company nor a seller shall be liable for any damages resulting from the handling, storage or use of this product.