

FRONT PANEL

SECURITY BRAND
CASORON (R) G-4 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.

May be used in fruit and nut orchards and nurseries; around woody ornamentals, shelterbelts and forest plantings established and in nurseries; for weed control in established alfalfa seed and ladino seed-producing fields; for weed control in cranberries; and for use under asphalt paving.

ACTIVE INGREDIENT:

Dichlobenil*----- 4.0%

INERT INGREDIENTS:----- 96.0%

TOTAL 100.0%

*2,6-dichlorobenzonitrile

EPA Reg. No. 769-535

EPA Est. 769-GA-1

CASORON is a Reg. TM of Duphar, B.V., Amsterdam, Holland; U. S. Pat. 3,027,248.

KEEP OUT OF REACH OF CHILDREN

CAUTION

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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

CAUTION. HARMFUL IF SWALLOWED. Do not breathe dust. Do not allow contact with eyes or skin.

ENVIRONMENTAL HAZARDS

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

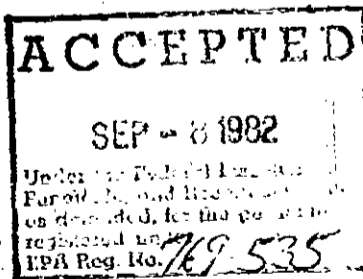
STORAGE AND DISPOSAL

Do not store with propagative materials such as seeds, bulbs, tubers, nursery stock, etc., or with feed or food products. Do not contaminate water, food or feed by storage or disposal. PESTICIDE DISPOSAL: Pesticide that cannot be used according to label instructions must be disposed of according to applicable federal, state or local procedures. CONTAINER DISPOSAL: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by state and local authorities.

DIRECTIONS FOR USE

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

IMPORTANT: PRECAUTIONS FOR USE. Do not apply Casoron G-4 to plants under unusual stress resulting from drought, frost, insects, nematodes, etc. as injury may result. Do not use on plants not listed on this label. Before use, read all directions thoroughly.



BEST DOCUMENT AVAILABLE

BACK PANEL

NOTICE: DISCLAIMER OF WARRANTY, MERCHANTABILITY AND LIABILITY. If for any reason this product is not used, applied, stored, transported or disposed of in accordance with the instructions set forth on this label, then and thereafter Woolfolk Chemical Works, Inc. terminates, ends and excludes all warranties, expressed or implied, including the warranty of merchantability and fitness.

NET WEIGHT: 50 POUNDS

MANUFACTURERS

WOOLFOLK CHEMICAL WORKS, INC.

FORT VALLEY, GEORGIA

FOR INFORMATION AVAILABLE

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PERENNIAL WEED CONTROL

CASORON G-4 is recommended for control of certain perennial weeds such as PRIMAVERA, CANADA THISTLE, CURLY DOCK, FALSEDANDELION (CATSEAR), FESCUE, LEAFY SPURGE, LICHARDGRASS, QUACKGRASS, RUSSIAN KNIFEWEED, TIMOTHY, WILD ARTICHOKE, WILD ASTER, WILD CARROT, and YELLOW ROCKNET IN ESTABLISHED WOODY ORNAMENTALS, NUTS AND FRUIT AND FOR CONTROL IN NON-CROP AREAS SUCH AS ROADS, AROUND BUILDINGS AND FENCES, ROAD 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. Good weed growth should not be expected 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 broad-leaved weeds and certain biennial weeds such as ANNUAL BLUEGRASS (POA ANNUAL), PINEGRASS, BULL THISTLE, CAMPORWEED, CARPETWEED, CHICKWEED, CITRONMELON, COFFEYWEED, CRABGRASS, CUDWEED, DANDELION, DOGFENNEL, L. SPRING PRIMROSE, FIDDLENECK, FLORIDA PURSLANE (PURSLEY), FO. TAIL, GIBBIA, GROUNDSEL, HENBIT, HORSETAIL, JERUSALEM OAK, GOOSEFOOT, KNOTWEED, LAMBS-QUARTERS, MAYPOPS, MILKWEED, NINE-MORNING, OXALATA, RUFFERS, LETTUCE, NATALGRASS, OLD WITCHGRASS, PEPPERGRASS, PINEAPPLEWEED, PLANTAIN, PURSLANE, HAGWEED, RED DEADNETTLE, REDROOT PIGWEED, ROSARYFFA, RUSSIAN THISTLE, SHEPHERDSPURSE, SMARTWEED, SPANISH NEEDLES, SPURGE, TEARWEED, TEXAS FANICUM (MURRAYGRASS), WILD BARLEY, WILD MUSTARD, WILD RANISH, AND YELLOW WOODSOREL.

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 lowest rates are recommended. Show incorporation on immediately after application is recommended in southern areas. In other areas, show incorporation of 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, Blackberry, Cherry, Grape, Mango, Nectarine, Peach, Pear, Plum, Plum, Fig, 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. Do not apply within 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 above.

B Blackberry and Raspberry. For control of annual weeds follow General Directions above except use only on established plantings and do not apply more than 100 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 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 watering is removed.

On citrus nurseries CASORON G-4 may be used for control of annual weeds in the following citrus root stocks: Citrus, mandarin, rough lemon, sour orange, and sweet orange. Apply CASORON G-4 to weed-free soil at 100 to 150 pounds per acre. Make first application in early spring after removal of bars, and second in early summer, not less than 50 days after the first. Apply broadcast and irrigate lightly with overhead system (1/4 to 1/2 inch). Do not apply CASORON G-4 during 6 months following possible freeze damage on any citrus.

WOODY ORNAMENTALS, SHELTERBELTS AND FOREST PLANTINGS ESTABLISHED AND IN NURSERIES

For control of annual weeds, CASORON G-4 may be used on the following plants. Apply 100 to 150 pounds of CASORON G-4 per acre, based on area actually treated. Do not apply until 4 weeks after transplanting. Follow General Directions 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, EUCONYMUS, FORSYTHIA, HEATHER, HOLLY, IVY, LILAC, LIGULOTHOE. Do not apply more than 150 pounds per acre on plantings less than one year old. Follow General Directions listed above.

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| Amur Corktree | Elbert | Mountain Ash |
| Arbor Vitae | Flowering Almond | Nandina |
| Ash | Flowering Quince | Oak |
| Azalea | Forsythia | Osmarthus |
| Berberis | Ginkgo | (Holy olive) |
| Beauty Bush | Glossy Yucca | Pachistima |
| Birch | Hackberry | Pear |
| Boragin | Heather | Photinia |
| Burwood | Holly (Evergreen) | Pittosporum |
| Camelia | Honeysuckle | Poplar |
| Caragana | Ivy (Hedera) | Pine |
| Cercis japonica | Juniper | Pyracantha |
| Cornus | Kunze | Rhododendron |
| Cornus | Laurel | Rose |
| Croton | Ligulotloe | Russian Oak |
| Deutzia | Lilac | Spiraea |
| Dogwood | Linden | Squaw Caper |
| Eastern Red Cedar | Locust | Viburnum |
| Em | Magnolia | W. Yew |
| Evergreen Cypress | Maple | Yew (Taxus) |
| Euonymus | Mock Orange | |

*Kurume Nois Hardy hybrid types and hardy native species only.
*Except 1 crenate 1 rotunda 1 pomifera

PRECAUTIONS

Do not use in seed beds, transport or cutting beds or greenhouses. Do not apply until 6 months after rootling of cuttings in the field or after planting rooted cuttings. Do not apply CASORON G-4 to 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 G-4 per growing season. Do not use on St. Lucie fine sand, Arzell fine sand or other light sands. Do not graze livestock in 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 broad-leaved weeds such as lambsquarters, pigweed, green foxtail, buckhorn plantain, prickly ox-eye, timothy, annual ryegrass, chickweed, shepherdspurse, knotweed, chickweed, lupine, 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 a fall without incorporation, just before kingaling. 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 semi-dormant to dormant.

PRECAUTION

Use only in fields devoted exclusively to seed production. Do not apply CASORON G-4 if any part of the crop or subsequent cuttings are used for food or for purposes. Do not graze or use for feed from treated area. Do not use seed for food or feed purposes. Apply only to seed 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, broad-leaved 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, Maid Cap Moss, Common Horsetail, Water Horsetail (sp.), Rush (Juncus spp.), Dodder, Bunting grass, Rattlesnake grass (Manna grass), Summer grass, Velvetgrass, Bent Grasses, Little Hairgrass, Crabgrass, Rice Cutgrass, Bunch grass, Muskrat grass, Nutgrass (Nutgrass), Short Wiregrass, Wild oat grass, Stargrass, Woodgrass, Cotton grass, Needle grass, Oniongrass, Arrow-leaved Teat Thumb, Boggy-sticks, Knotweed, Loosestrife, Marsh St. Johnswort, Tideland clover, Ragweed, Sorrel, Wild Strawberry, Aster, Buckbean, Hawkweed, Western Liatris, 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 100 pounds of CASORON G-4 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 an 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 of CASORON G-4 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.

PRECAUTIONS

Distribute CASORON G-4 uniformly. Avoid over-application which may result from overlapping during treatment. Temporary reddening of cranberry plants may occur especially with late spring application or when applied on sandy bogs. Do not apply after cranberry plants start to bloom as yields may be reduced. Do not use on young bogs or newly sanded bogs or on bogs prior to or immediately after mowing for vines.

OTHER USES

NUTSEGE CONTROL To control nutsege (nutgrass) on mineral soils in areas or on other conditions of nursery stock, do to be grown or held—also for control in non-crop areas—apply 250 to 500 pounds of CASORON G-4 per acre and incorporate immediately to a depth of 4 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 roads, parking lots, recreational areas) after final grade is achieved, apply 250 to 300 lbs. per acre (5 to 7 lbs. per 1,000 sq. ft.). Treated area should be covered with asphalt as soon as possible. For maintaining work existing weeds should be sprayed with a contact herbicide prior to CASORON G-4 application.