# **CASORON**<sup>®</sup>

# **GRANULAR HERBICIDE**

Contains dichlobenil

# DOMESTIC

Control of grass and weeds in roses, rhododendrons, evergreens, tree fruits, bush fruits and woody ornamentals.

# READ THE LABEL BEFORE USING

# **KEEP OUT OF REACH OF CHILDREN**

# REGISTRATION NO. 20233 PEST CONTROL PRODUCTS ACT

UPL AgroSolutions Canada Inc. PO Box 12219 Research Triangle Park, NC 27709

For Product Information Call: 1-800-438-6071

FOR 24-HOUR CHEMICAL EMERGENCY (Spill, leaks, fire, exposure, or accident) CALL CHEMTREC: 1-800-424-9300 or 1-703-527-3887.

FOR CHEMICAL EMERGENCY: spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300

# NET CONTENTS: 1-25 kg

## **GENERAL INFORMATION:**

CASORON Granular Herbicide provides weed control in Woody ornamentals, such as Evergreens and Fruit trees, Grapes, Raspberries, High Bush Blueberries and Saskatoons. CASORON Granular Herbicide is recommended for control of many annual grasses, broadleaf weeds and certain perennial weeds such as:

- Annual Bluegrass Chickweed
- Artemisia \*
- Bindweed \*

- Bracken fern

- Crabgrass - Couch Grass
- Blue Aster
- Dandelion\* - Foxtail
- Lambs guarters
  - Loosestrife

- Kochia

- Mustard
- Nutsedge \*
- Pigweed
- Plantain

purse

- Purslane
- Sheep Sorrel\*
- Shepherd's
- Sow Thistle
  - Spurge
  - Vetch \*
  - Wild Buckwheat

- Smartweed

- Canada Thistle
- Groundsel

\* Controlled with the higher rates with late fall applications.

- Horsetail

- Knotweed

- For control of annual weeds apply CASORON Granular Herbicide only to prepared weed-free soil either in early spring or late fall before seeds of annual weeds germinate or after cultivation has removed weeds. Apply uniformly over the soil surface. Do not apply until 4 weeks after transplanting. For best results CASORON Granular Herbicide should not be applied during periods of high soil temperatures. Follow specific instructions for the type of tree, vine or bush being treated.

# **DIRECTIONS FOR USE:**

## As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

#### DO NOT apply to any body of water.

## DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

#### **BEFORE TREATMENT:**

- 1. Remove existing weeds.
- 2. Thoroughly work and smooth the area to be treated.
- 3. Measure area to be treated and determine number of square meters.
- 4. If area to be treated is large, it should be divided into smaller sections and each section treated individually.

# **APPLICATION RATE:**

- 1. Shake CASORON Granular Herbicide granules on the soil at the rate of 20 grams per square meter of area to be treated. 200 grams treats 10 square meters. Do not exceed this dosage. Rates higher than this may cause injury to desirable plants.
- 2. A more uniform and accurate application can be obtained by applying one-half the granules over the entire area and then repeating with the remaining granules.
- 3. As a proper guide for the proper application rate and uniformity of distribution of the granules, consult the diagram:

**IDIAGRAM1** Application rate (actual size). Sprinkle evenly as shown.

4 CASORON Granular Herbicide granules should not be used on sloping ground where runoff can occur. The concentrated run-off could cause damage to plants and lawns below.

## AFTER TREATMENT:

- 1. If application is made on dry soil, sprinkle lightly to moisten soil, approximately 1 cm deep. Apply 1.5 2.5 cm of water. Avoid puddling and washing. DO NOT FLOOD.
- 2. Do not disturb soil in treated area as long as the weed control program is being maintained.
- 3. Do not enter or allow persons or pets to enter the treated area until granules are thoroughly watered-in and the treated soil has dried.

# WOODY ORNAMENTALS (ESTABLISHED):

CASORON Granular Herbicide may be used for weed control on the plants listed below.

- Arbor vitae - Ash - Barberry - Birch (Cutleaf Weeping) - Boxwood	- Caragana - Cedar (Eastern Red Cedar) - Cedar (White) - Crabapple	- Elm - Euonymus - Forsythia sp - Heather - Holly** - Honeysuckle	- Juniper - Lilac - Linden - Locust - Maple - Mock Orange	- Rhododendron - Rose - Spirea - Willow - Yew (Taxus)
- Boxwood	- Crabapple	- Honeysuckle	- Maple - Mock Orange	- Yew (Taxus)

\*\*Except I.crenata, I.rotunda, I.vomitoria.

NOTE: Do not use on Gladiolus, Mugo Pine, Firs (Abies species such as Balsam Fir, Abies concolor), Hemlock, Ajuga, certain Hollies (Ilex crenata, I. rotunda, I. vomitoria), Spruce, nor on herbaceous perennials (avoid use on plants which die down to the ground in the fall) and use with caution on shallow rooted ground covers (Euonymus can be treated), and other plants from list above.

## FRUIT TREES:

CASORON Granular Herbicide may be used for weed control around APPLE, CHERRY, PEACH, PEAR AND PLUM trees. Follow application directions. Do not apply until 4 weeks after transplanting.

## HIGHBUSH BLUEBERRIES:

Apply uniformly during the dormant period (late winter).

## **RASPBERRIES:**

Treat established raspberry plantings. Apply CASORON Granular Herbicide in late fall. Do not cultivate or work into the soil. Do not apply in the spring as injury may occur.

# **GRAPES**:

Apply only to control weeds under grapes established for at least two full years. Do not treat soil the year before planting or replanting grapes.

- 1. Treat when vines are completely dormant.
- 2. Treat only healthy vines.
- 3. Treat only vines established for at least two full years.
- 4. Apply in cool weather on moist soil.
- 5. Avoid local over-application to base of stem.

NOTE: If spring application is made, apply before the weeds germinate a month before the grape buds burst. Do not apply on hazy, hot days.

To control seedling weeds apply in early spring or fall.

To control perennial weeds apply in fall.

# **ESTABLISHED SASKATOONS:**

Weeds controlled - as per above list including chickweed, stinkweed, groundsel, pigweed, dandelion and some grasses. Apply to Saskatoons, established for one or more years. Apply with a granular applicator in the late fall but before freeze-up. Use 20-35 grams per square meter of CASORON Granular Herbicide granules on a broadcast basis. Do not apply within 9 months of harvest.

# COUCH GRASS AND ARTEMISIA CONTROL IN ESTABLISHED WOODY ORNAMENTALS:

Couch grass and Artemisia can be controlled in the woody ornamentals listed above (except Boxwood, Euonymus, Forsythia, Heather) which has been planted for at least one year. Apply CASORON Granular Herbicide as a uniform coverage in late fall from October 15th to December 15th

and reapply in very early spring, before May 1. Use at the rate of 25 grams per square meter for each treatment.

# **ENVIRONMENTAL PRECAUTIONS**

#### Toxic to aquatic organisms.

#### **PRECAUTIONS:**

**KEEP OUT OF REACH OF CHILDREN.** Harmful if swallowed. Avoid breathing dust.

Avoid skin or eye contact.

Avoid contamination of feed and foodstuffs.

DO NOT apply directly by hand.

DO NOT use on woody ornamentals or fruit crops other than those listed on the label.

DO NOT use in seed beds, transplant or cutting beds.

DO NOT use in or around greenhouses.

Application in spring should be made well before bud burst.

DO NOT plant vegetables or other sensitive crops the year following soil treatment.

DO NOT use on light sandy soil.

## FIRST AID:

In case of contact with eyes: Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

**In case of contact with skin or clothing:** Take off contaminated clothing. Do not wear contaminated shoes. Rinse skin IMMEDIATELY with plenty of water for 15 – 20 minutes. Call a poison control centre or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

**If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

Take container, label or product name and Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

#### **STORAGE AND DISPOSAL:**

STORAGE: Store in a dry place in a tightly closed original labelled container. DISPOSAL: Do not reuse empty container. Wrap and dispose of empty container with household garbage.

# NOTICE TO USER:

This control product is to be used only in accordance with the directions on this label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

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