



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

JUL 24 2008

Michael Dupre
Manager, North America Registrations
Chemtura Corporation
199 Benson Road
Middlebury, CT 06749

Subject: Label Notifications for Pesticide Registration Notice 2007-4

Dear Mr. Dupre,

The Agency is in receipt of your Applications for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated June 13, 2008 for the following products:

Casoron[®] 4G
Casoron[®] CS

(EPA Registration Number 400-168)
(EPA Registration Number 400-541)

The Registration Division (RD) has conducted its review of these requests for their applicability under PRN 2007-4 and finds that the label changes requested fall within the scope of PRN 2007-4. The labels submitted with the applications have been stamped "Notification" and will be placed in our records, along with this letter.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please call me directly at 703-305-6249 or Steve Schaible of my staff at 703-308-9362.

Sincerely,

A handwritten signature in black ink, appearing to be "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

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EPA	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide - Section I

1. Company / Product Name 400-168	2. EPA Product Manager Sherada Hobgood	3. Proposed Classification. <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company / Product (Name) Casoron® 4G	PM# <i>25</i>	
5. Name and Address of Applicant (Include ZIP Code) Chemtura Corporation 199 Benson Road Middlebury, Connecticut 06749 <input type="checkbox"/> check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(I), my product is similar or identical in composition and labeling to: EPA Reg No. _____ Product Name _____	

NOTIFICATION
JUL 24 2008

Section II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146 and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No * Certification must be submitted	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
If "Yes" Unit Packaging wgt No. Per container		If "Yes" Packaging wgt No. Per container	

3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 25 lb bag; 50 lb bag; 1650 lb. Bulk bag	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product
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6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled	Other _____
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Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Judith O. Ball	Title Registration Specialist	Telephone No. (Include Area Code) 203-573-2454 e-mail: judy.ball@chemtura.com
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I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment, or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Michael Dupre</i>	3. Title Product Registration Mgr., N. America	
4. Typed Name Michael Dupre	5. Date June 13, 2008	



Chemtura Corporation
199 Benson Road
Middlebury, CT 06749
203-573-2000 tel
203-573-2958 fax
www.chemtura.com

June 13, 2008

Document Processing Desk (**NOTIF**)
Office of Pesticide Programs (**7504P**)
U.S. Environmental Protection Agency
2777 S. Crystal Drive
Room S-4900, One Potomac Yard 4th Floor
Arlington, Virginia 22202-4501

Attention: Ms. Sherada Hobgood

**Subject: Notification – Container Disposal
Casoron® 4G, EPA Reg. No. 400-168**

Dear Ms. Hobgood,

Chemtura is notifying the Agency that the label for Casoron 4G, EPA Registration Number 400-168 has been revised to update the container disposal statements, as per PR Notice 2007-4 (amended April 29, 2008).

If you have any questions, please contact Judy Ball, Registration Specialist, at 203-573-2454 or judy.ball@chemtura.com.

Sincerely,

Chemtura Corporation

Michael R. Dupre
Manager, North America Registrations

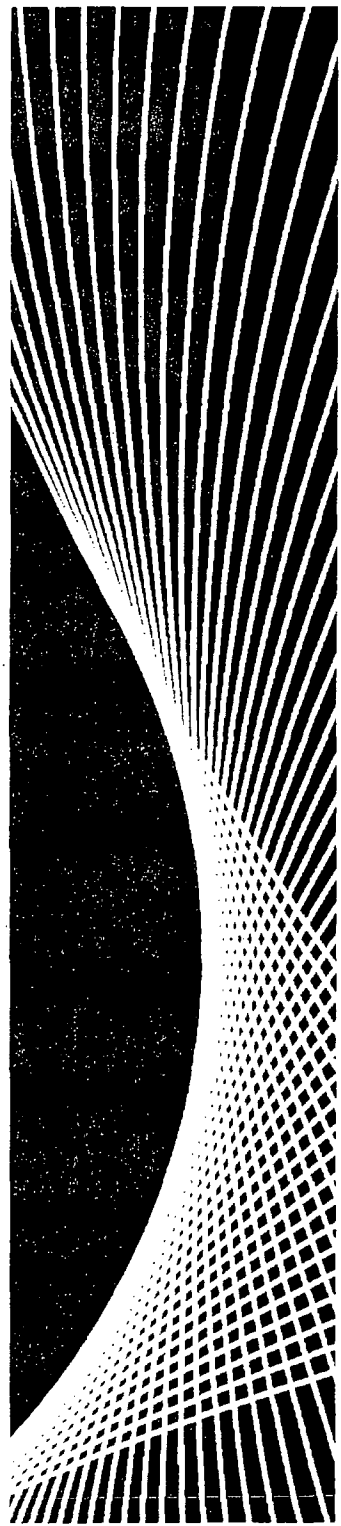
Attached:

- 1. EPA Form 8670-1
- 2. Amended label for Casoron 4G
- 3. Highlighted amended label

NOTIFICATION

JUL 24 2008

Casoron® 4G



DICHLLOBENIL WEED AND GRASS KILLER

Net
contents:

COMPOSITION

Active Ingredient: (% by weight)	
Dichlobenil (2,6-dichlorobenzonitrile)	4%
Inert Ingredients:	96%
Total:	100%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
IF SWALLOWED	<ul style="list-style-type: none"> • Call a poison control center 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF ON SKIN OR ON CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center for further treatment advice.
EMERGENCY ASSISTANCE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
EMERGENCY PHONE	800-292-5898
SAFETY DATA AND INFORMATION	866-430-2775
TRANSPORTATION EMERGENCY (CHEMTREC)	800-424-9300

EPA REG. NO. 400-168
EPA EST. NO. 2217-KS-2
013

Manufactured for:
Chemtura Corporation
199 Benson Road
Middlebury, CT 06749



www.chemtura.com

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Causes moderate eye irritation. Harmful if swallowed. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Keep all unprotected persons, children, livestock, and pets away from treated area or where there is a danger of drift. Do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. See First Aid.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and Other Handlers Must Wear: A long-sleeved shirt & long pants; chemical-resistant gloves made of any waterproof material, such as butyl rubber ≥ 14 mils, natural rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, or nitrile rubber ≥ 14 mils; shoes plus socks.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Control Statements: When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) 4-6], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters. Cover, collect, or incorporate granules spilled on the soil surface. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

DIRECTIONS FOR USE

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

Do not apply this product as a sewer treatment or by backpack application.

Do not enter or allow workers to enter the treated area until granules are thoroughly watered in and the soil has dried.

Do not enter or allow persons or pets to enter the treated area until granules are thoroughly watered in and treated soil has dried.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during the application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- coveralls
- chemical-resistant gloves made of any waterproof material such as butyl rubber ≥ 14 mils, natural rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, or nitrile rubber ≥ 14 mils
- shoes plus socks.

For use on ground (soil or gravel) in liners in which ornamental stock will be placed: Thoroughly incorporate the granules into the soil (or other target surface) through watering-in. Once the application has been correctly incorporated through watering-in and the treated surface is dry, the WPS permits workers to enter the treated area during the restricted-entry interval without personal protective equipment or any other restriction if they are performing tasks that do not involve contact with the soil subsurface.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

STORAGE AND CONTAINER DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE - Store in a dry location. Do not store with propagative structures such as seed, bulbs, tubers, nursery stock, etc., or with food or feed products.

PESTICIDE DISPOSAL - Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL - Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

GENERAL PRECAUTIONS AND RESTRICTIONS

This chemical has properties and characteristics associated with chemicals detected in ground-water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination. Do not use in enclosed structures.

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

APPLICATION INSTRUCTIONS

PERENNIAL WEED CONTROL

CASORON 4G is recommended for control of certain perennial weeds.

WEEDS CONTROLLED:

Artemisia	Leafy Spurge	Timothy
Canada Thistle	Orchardgrass	Wild Artichoke
Curly Dock	Quackgrass	Wild Aster
Falsedandelion (Catsear)	Russian Knap weed	Wild Carrot
Fescue	Smooth Brome	Yellow Rocket

SOIL SURFACE TREATMENT: Apply CASORON 4G 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 4G and incorporate immediately after application in late fall or very early spring before May 1.

ANNUAL WEED CONTROL

CASORON 4G is recommended for control of annual grassy and broadleaved weeds and certain biennial weeds such as:

Annual Bluegrass (Poa annua)	Giselia	Purslane
Bluegrass	Groundsel	Ragweed
Bull Thistle	Henbit	Red Deadnettle
Camphorweed	Horsetail	Redroot Pigweed
Carpetweed	Jerusalem oak	Rosarypea
Chickweed	Goosefoot	Russian Thistle
Citron Melon	Knotweed	Shepherdspurge
Coffeeweed	Lambsquarter	Smartweed
Crabgrass	Maypops	Spanishneedles
Cudweed	Milkweed Vine (Morreria odorata)	Spurge
Dandelion	Miners Lettuce	Teaweed
Dogfennel	Natalgrass	Texas Panicum (Hurrah grass)
Evening Primrose	Old Witchgrass	Wild Barley
Fiddleneck	Peppergrass	Wild Mustard
Florida Purslane (Pusley)	Pineapple Weed	Wild Radish
Foxtail	Plantain	Yellow Woodsorrel

Apply CASORON 4G 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 temperature.

NUTSEDGE CONTROL

CASORON 4G can be used for control of nutsedge in non-crop areas only. Apply recommended rates and incorporate immediately to a depth of 4 to 6 inches. Seasonal control of annual weeds will also be obtained with this application.

FRUIT AND NUT ORCHARDS AND NURSERIES

CASORON 4G may be used on the following crops.

A. Apple, Blueberry, Cherry, Grape, Pear, Filbert: 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. 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.

Thoroughly incorporate granules into the surface through watering-in.

Do not allow livestock to graze treated orchards. Do not plant rotational crops, on which dichlobenil is not registered, in treated soil within one year after application.

CRANBERRIES

Control of perennial and annual, broadleaved and grassy weeds (including rushes and sedges) in cranberries can be obtained by use of CASORON 4G. The following weeds are controlled:

Sensitive Fern	Rice Cutgrass	Tideland clover
Bracken Fern	Bunch grass	Ragweed
Royal Fern	Muskrat grass	Sorrell
Hair Cap Moss	Nutsedge (Nutgrass)	Wild Strawberry
Common Horsetail	Short Wiregrass	Aster
Water Horsetail (pipes)	Wideleaf grass	Buckbean
Rush (Juncus spp.)	Stargrass	Hawkweed
Dodder	Woolgrass	Western Lilaepsis
Bluejoint grass	Cotton grass	Marsh Pea
Rattlesnake grass	Needle grass	Plantain
(Manna grass)	Oniongrass	Smartweed
Summer grass	Arrowleaved Tear Thumb	(Marsh pepper, Pennsylvania, Spotted, Swamp, Water)
Velvetgrass	Beggarsticks	
Bent Grasses	Knotweed	
Little Hairgrass	Loosestrife	
Crabgrass	Marsh St. Johnswort	Pacific Silverleaf

Use Rate: 100 lbs. CASORON 4G per acre.

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-budbreak or post-harvest.

Thoroughly incorporate granules into the surface through watering-in.

Multiple applications may be made as needed. Allow an interval of 3 to 6 weeks between treatments. Do not exceed 100 lbs. per acre in any twelve month period.

USE PRECAUTIONS

Distribute CASORON 4G uniformly. Avoid over-application which may result from over-lapping during treatment period. 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 beds or newly sanded beds or on bogs prior to or immediately after mowing for vines. Use lower rates on bogs with sandy soil or weak vines.

**WOODY ORNAMENTALS AND SHELTERBELTS
[ESTABLISHED AND IN NURSERIES]**

For control of annual weeds, CASORON 4G may be used on the following plants. Apply 100 to 150 pounds of CASORON 4G 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, Euonymus, Forsythia, Heather, Holly, Ivy, Lilac, Leucothoe. Do not apply more than 150 pounds per acre on plantings less than 1 year old. Follow general directions listed above.

Thoroughly incorporate granules into the surface through watering-in.

Amur Corktree	Filbert	Nandina
Arbor Vitae	Flowering Almond	Oak
Ash	Flowering Quince	Osmanthus
Azalea ¹	Forsythia	(Holly-olive)
Barberry	Gardenia	Pachistima
Beauty Bush	Goldenraintree	Pecan
Birch	Hackberry	Photinia
Boxelder	Heather	Pines ³
Boxwood	Holly (Ilex spp.) ²	Pittosporum
Camellia	Honeysuckle	Poplar
Caragana	Ivy (Hedera helix)	Privet
Cleyera japonica	Juniper	Pyracantha
Cotoneaster	Kinnikinnick	Rhododendron
Cottonwood	Laurel	Rockrose
Crabapple	Leucothoe	Rose
Deutzia	Lilac	Russian Olive
Dogwood	Linden	Spirea
Eastern Red Cedar	Locust	Squawcarpet
Elm	Magnolia	Weigela
Elwood Cypress	Maple	Willow
English Walnut	Mock Orange	Yew (Taxus)
Euonymus	Mountain Ash	

¹Kurume, Mollis, hardy hybrid types and hardy native Azalea species only.

²Except Ilex crenata, I. rotunda, I. vomitoria.

³Pine species are sensitive to injury from CASORON 4G if applied within two years after transplanting. Do not use on pines in California.

USE PRECAUTIONS

Avoid applications which allow CASORON 4G granules to lodge in the foliage, particularly in conifer type species, such as pines, yews, etc.

Do not allow CASORON 4G granules to accumulate and be in contact with trunk at or below soil line.

Thoroughly incorporate granules into the surface through watering-in.

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 CASORON 4G 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 4G per growing season.

Do not use on "St. Lucie fine sand," "Arzell fine sand" or other light, sandy soil.

Do not graze livestock in treated areas.

HYBRID COTTONWOOD AND POPLAR PLANTATIONS AND STOOLBEDS

CASORON 4G can be used in hybrid cottonwood and poplar plantations and stoolbeds grown for wood and pulp production. For control of annual and perennial weeds, apply at a rate of 50 to 100 lbs. per acre using ground or aerial application equipment. For weeds controlled and application timings, refer to the directions outlined under "Perennial Weed Control" and "Annual Weed Control".

USE PRECAUTIONS AND RESTRICTIONS:

Do not use on trees that have been established for less than 6 months.

Do not allow granules to stick to foliage or to accumulate at the soil line around the base of the tree.

Do not plant rotational crops, on which CASORON is not registered, in treated soil within one year after application.

The use of CASORON 4G on hybrid cottonwood and poplar plantations and stoolbeds is limited to the desert areas in Oregon and Washington defined as 15 miles from the Columbia river in the counties of Walla Walla, Franklin and Benton in Washington and Umatilla and Morrow counties in Oregon.

NON-CROP AREAS

CASORON 4G may be used to control annual and perennial weeds in outdoor non-crop areas such as but not limited to:

- Around buildings & structures
- Around fences
- Industrial areas
- Recreational areas
- Under containerized nursery stock

For control of annual weeds, apply at a rate of 100 to 150 lbs. per acre. For control of perennial weeds, apply at a rate of 150 to 200 lbs. For nutsedge control, apply 250 lbs. per acre. For specific weeds controlled and application timings, refer to the directions outlined under "Perennial Weed Control", "Annual Weed Control" and "Nutsedge Control".

Thoroughly incorporate granules into the surface through watering-in.

USE PRECAUTION: Do not plant or transplant into treated soil.

UNDER ASPHALT

For general weed control under asphalt (in areas such as roadways, parking lots, recreational areas), after final grade is achieved, apply 250 to 300 lbs. per acre, (5 3/4 lbs. to 7 lbs. per 1,000 sq. ft.). Treated area should be covered with asphalt as soon as possible. For resurfacing work, existing weeds should be sprayed with a contact herbicide prior to CASORON 4G application.

IMPORTANT NOTICE—Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and to the extent consistent with applicable law, the buyer assumes the risk of any such use.