



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

January 30, 2008

NOTIFICATION

Richard M. Gorrell, Manager
Registrations
Bayer Environmental Science
2 T.W. Alexander Drive
Research Triangle Park, NC 27709

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4

Dear Mr. Gorrell:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated January 10, 2008 for:

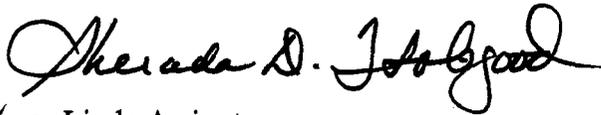
EPA Registration 432-886 Ronstar G Herbicide

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. [When submitting future label changes pursuant to PRN 2007-4, the appropriate certification statement should be used; section IV.A.] The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identify 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 contact me directly at 703-305-6249 or Nicole Williams of my staff at 703-308-5551.

Sincerely,


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

Bayer Environmental Science



January 10, 2008

EPA08RMG0109RonstarGNotifContDisp
Fedex

Mr. Erik Kraft (PM 23)
U.S. Environmental Protection Agency
Office of Pesticide Programs (7504P)
Document Processing Desk (Notif)
Room S-4900, One Potmac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

RE: Ronstar G Herbicide (EPA Reg No. 432-886) Notification to Add Container
Disposal Statement

Dear Mr. Kraft:

Bayer Environmental Science (BES) is notifying the Agency of the addition of a revised container disposal statement for the Ronstar G Herbicide label. The label language is exactly as prescribed by the Agency.

Bayer Environmental Science
2 T.W. Alexander Drive
RTP, NC 27709
Phone : 919.549.2000

The following information is included with this amendment:

- 8570-1 form
- Revised Label (3 paper copies; one highlighted and ~~X~~ non-highlighted)
- One electronic disc copy of the label

If you have any questions, contact me at (919) 549-2423 or email me at mike.gorrell@bayercropscience.com.

Sincerely,

Richard M. Gorrell
Manager, Registrations

Cc: Karen Shearer
Ben Cicora
Don Myers



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

Company/Product Number 186	2. EPA Product Manager Erik Kraft	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
Company/Product (Name) Instar G Herbicide	PM# 23	
Name and Address of Applicant (Include ZIP Code) Bayer Environmental Science 2 T. W. Alexander Drive Research Triangle Park, NC 27709 <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 _____

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" 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: Use additional page(s) if necessary. (For section I and Section II.)

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, 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.

- Notifying the Agency of a change to the container disposal language as mandated by the EPA.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Unit Packaging wgt. No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Package wgt No. per container	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) _____
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** Certification must be submitted*

3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 50 lb bag	5. Location of Label Directions <input checked="" type="checkbox"/>
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input checked="" type="checkbox"/> Other Printed on bag

Section - IV

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

Name Richard M. Gorrell	Title Manager, Registrations	Telephone No. (Include Area Code) (919) 549-2423
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Certification

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 statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature	3. Title Manager, Registrations	6. Date Application Received (Stamped)
4. Typed Name Richard M. Gorrell	5. Date January 10, 2008	

7/15



United States
Environmental Protection Agency
 Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 432-886	2. EPA Product Manager Erik Kraft	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Ronstar G Herbicide	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Bayer Environmental Science 2 T. W. Alexander Drive Research Triangle Park, NC 27709 <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 _____	

Section - II

Amendment - Explain below. Final printed labels in response to Agency letter dated _____

Resubmission in response to Agency letter dated _____ "Me Too" Application.

Notification - Explain below. Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.) *Does not involve RRN 98-10*

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, 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.
 - Notifying the Agency of a change to the container disposal language as mandated by the EPA.

Section - III

1. Material This Product Will Be Packaged in:

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

3. Location of Net Contents Information
 Label Container

4. Size(s) Retail Container

5. Location of Label Directions

6. Manner in Which Label is Affixed to Product
 Lithograph Paper glued Stenciled Other _____

Section - IV

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

Name Richard M. Gorrell	Title Manager, Registrations	Telephone No. (Include Area Code) (919) 519-2423
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Certification
 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 statement may be punishable by fine or imprisonment both under applicable law.

6. Date Application Received (Stamped)

2. Signature <i>Richard M. Gorrell</i>	3. Title Manager, Registrations
4. Typed Name Richard M. Gorrell	5. Date January 10, 2008

RONSTAR® G Herbicide

For sale to and use by Professional Applicators only. Not for sale to or use by homeowners/consumers. Not for Use in Turfgrass on Residential Properties.

PREEMERGENT HERBICIDE FOR THE CONTROL OF ANNUAL GRASSES AND BROADLEAF WEEDS IN TURFGRASS AND ORNAMENTALS INCLUDING LANDSCAPE ORNAMENTAL BEDS ON RESIDENTIAL PROPERTIES BY A PROFESSIONAL APPLICATOR

ACTIVE INGREDIENT:

Oxadiazon 3-[2,4-dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one 2.0%

INERT INGREDIENTS: 98.0%

EPA Reg. No. 432-886

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN WARNING AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

For **MEDICAL** and **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577
For **PRODUCT USE** Information Call 1-800-334-9745

FIRST AID

If in eyes:	<ul style="list-style-type: none"> Hold eyes 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. Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 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 or doctor for further treatment advice.
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 a poison control center or doctor.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Causes substantial but temporary eye injury. Harmful if absorbed through skin. Harmful if inhaled. Do not get in eyes or on clothing. Avoid contact with skin.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes plus socks,
- Chemical resistant gloves (such as polyethylene or polyvinyl chloride), and
- Goggles, face shield or safety glasses.

See engineering controls for additional requirements. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

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

ENGINEERING CONTROLS 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.

Users should remove clothing/ PPE 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

This pesticide is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes. RONSTAR® Herbicide should not be used in areas where irrigation or rainfall results in the direct or indirect (via ditches and canals) contamination of surface waters through dissolved runoff or erosion of soil particles to which oxadiazon is absorbed.

Do not use in areas where endangered Hawaiian Goose or nene (*Branta sandvicensis*), Hawaiian duck (*Anas wyvilliana*), Hawaiian Stilt (*Himantopus mexicanus knudseni*), and Hawaiian Moorhen (*Gallinula chloropus sandvicensis*) may feed.

DIRECTIONS FOR USE

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

Read entire label before using this product.

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 application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Not for use on home lawns.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 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 intervals. 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.

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, shoes plus socks and chemical-resistant gloves made of any waterproof material.

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. Do not allow people or pets to enter treated areas until dust has settled.

Do not apply RONSTAR® G Herbicide through any type of irrigation system.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Do not store in or around the home or home garden.

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

Non-refillable 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 INFORMATION

RONSTAR® G Herbicide is a preemergent herbicide for control of many annual grasses and broadleaf weeds in turf and on a wide variety of woody ornamental shrubs, vines, and trees. RONSTAR® G Herbicide controls weeds by killing the weed seedlings as they come in contact with the herbicide during germination.

Apply RONSTAR® G Herbicide with a properly calibrated granular applicator that will apply the granules uniformly (uniform application is essential for satisfactory weed control). Calibrate the applicator prior to use, according to the manufacturer's directions, and check frequently during the application to be certain that the equipment is working properly.

For best results, water-in the product as soon as practical after application.

TURF

For use in established perennial Bluegrass, Bentgrass, Bermudagrass, Buffalograss, Perennial Ryegrass, St. Augustine grass, Seashore Paspalum*, Tall Fescue, and Zoysia turf; such as, fairways, parks, golf courses, and lawns. Rake turf area free of leaves, mowing if necessary, so granules reach soil surface. Measure area to be treated and apply required amount, using a fertilizer spreader. Cross-treating with one-half required amount in each direction will give best results. **Do not** apply to wet turf. If rain is not expected shortly after application, irrigating the turf thoroughly will increase effectiveness.

PREEMERGENT WEED CONTROL

WEEDS CONTROLLED	AMOUNT OF RONSTAR® G Herbicide		WHEN TO APPLY
	PER ACRE	PER 1000 SQ. FT.	
Crabgrass (<i>Digitaria spp.</i>) Goosegrass (<i>Eleusine indica</i>) Field Sandbur* (<i>Cenchus incertus</i>) Annual Sedge* (<i>Cyperus compressus</i>)	100 - 200 lbs.	2 1/4 - 4 1/2 lbs. Use the higher rate with expected heavier weed pressure	Apply in late winter or early spring prior to weed seed germination. Application made after March or April may not be fully effective. The maximum number of applications that may be made per year are two. The maximum single application rate is 4 lbs. a.i./A. A subsequent application can be made 4 months after the previous treatment.
Annual Bluegrass* (<i>Poa Annua spp.</i>) (See note below)	100-200 lbs.	2 1/4 - 4 1/2 lbs Use the higher rate with expected heavier weed pressure	Apply in late summer to early fall prior to weed seed germination. Ronstar G Herbicide does not control Poa annua that has germinated prior to the application.
Virginia Buttonweed (<i>Diodia virginiana</i>) Pigweed (<i>Amaranthus spp.</i>) Florida Pusley (<i>Richardia scabra</i>) Oxalis (<i>Oxalis spp.</i>) Stinging Nettle (<i>Urtica dioica</i>) Carpetgrass (<i>Axonapus offinis</i>)	200 lbs.	4 1/2 lbs.	Apply in early spring prior to weed seed germination.

*Use not permitted in California unless otherwise directed by supplemental labeling.

FALL APPLICATION FOR SPRING WEED CONTROL IN COOL SEASON TURF*

WEEDS CONTROLLED	AMOUNT OF RONSTAR® G Herbicide		WHEN TO APPLY
	PER ACRE	PER 1000 SQ. FT.	
Crabgrass, Goosegrass and other annual weeds	150 - 200 lbs.	3 3/8 - 4 1/2 lbs. Use the higher rate with expected heavier weed pressure	For use in Bluegrass, Bentgrass, Perennial Ryegrass and Tall Fescue turf. Make application in the fall after turf has become dormant. For late, fall applications, seeding into treated areas should be delayed until 4 months after greenup.

*Use not permitted in California unless otherwise directed by supplemental labeling.

ANNUAL BLUEGRASS CONTROL IN BERMUDAGRASS FAIRWAYS OVERSEEDED WITH PERENNIAL RYEGRASS

WEEDS CONTROLLED	AMOUNT OF RONSTAR® G Herbicide		WHEN TO APPLY
	PER ACRE	PER 1000 SQ. FT.	
Annual Bluegrass (<i>Poa annua</i> spp.) See Note below	100 lbs.	2 1/4 lbs.	Apply in late summer to early fall prior to <i>Poa annua</i> spp. seed germination. Any <i>Poa annua</i> spp. established when this product is applied will not be controlled. RONSTAR® G Herbicide will only control the <i>Poa annua</i> spp. that is established from seed every year. <u>Do not overseed fairways before 60 days after an application of RONSTAR® G Herbicide.</u> NOTE: Do not use where <i>Poa trivialis</i> is present in overseed mix.

NOTE: In many areas, annual bluegrass exists as at least two biotypes or subspecies of *Poa annua*. The true annual biotype is *Poa annua sp annua* which germinates every year from seed, while the biotype that behaves like a perennial is *Poa annua sp reptans*. This perennial biotype can survive through the summer and established plants will not be controlled by this product. Consult the extension service or University weed specialists in your area for more information.

ANNUAL WEED CONTROL DURING BERMUDAGRASS, ZOYSIAGRASS, SEASHORE PASPALUM, AND TROPIC LALO (*Paspalum hieronymii*) ESTABLISHMENT FROM SPRIGS*

WEEDS CONTROLLED	AMOUNT OF RONSTAR® G Herbicide		WHEN TO APPLY
	PER ACRE	PER 1000 SQ. FT.	
Crabgrass, Goosegrass, Annual Sedge, and other annual weeds	100 to 150 lbs.	2 1/4 to 3 3/8 lbs. Use the higher rate with expected heavier weed pressure	For Bermudagrass, make application immediately prior to or immediately after sprigging. For Seashore Paspalum, make application 10 to 14 days after sprigging. Applications made close to the time of sprigging may cause objectionable Seashore Paspalum injury. Disturbance of the soil surface after RONSTAR® G Herbicide application may disrupt the herbicide barrier and reduce effectiveness. Irrigate immediately after application for best results. The maximum number of applications that may be made per year are two. The maximum single application rate is 4 lbs. a.i./A. A subsequent application can be made 4 months after the previous treatment.

*Use not permitted in California unless otherwise directed by supplemental labeling.

USE PRECAUTIONS:

For St. Augustine grass and Bentgrass turf, do not exceed the rate of 150 pounds per acre (3 pounds active ingredient) of RONSTAR® G Herbicide.

RONSTAR® G Herbicide may cause discoloration of Bentgrass, Bermudagrass and St. Augustine grass. This discoloration is temporary and normally outgrown within 2 to 3 weeks.

Avoid contact with flowers and shrubs except as discussed elsewhere on this label. Seeding into treated areas should be delayed until 4 months after treatment except as noted above. When making applications to Tropic Lalo, applications must be made 0 – 12 days after sprigging.

The maximum number of applications that may be made per year are two. The maximum single application rate is 200 lbs of product per acre per year (equivalent to 4 pounds of active ingredient per acre year).

The maximum application rate allowed per year is 300 pounds of product per acre per year (equivalent to 6 pounds of active ingredient per acre year), except in areas where there is heavy weed infestation. In areas of heavy weed infestation, the maximum application rate is 400 pounds of product per acre per year (equivalent to 8 pounds of active ingredient per acre year). For best results, water-in product as soon as practical after application.

RESTRICTIONS:

- Do not apply to Bentgrass turf mowed at less than 3/8 inch.
- Do not apply RONSTAR® G Herbicide to newly seeded areas.
- Do not apply to Dichondra or Centipedegrass.
- **DO NOT APPLY RONSTAR® G Herbicide to putting greens or tees because of the varying cultural practices used.**
- Do not apply more than 4 pounds of active ingredient per acre per application.

WOODY ORNAMENTAL SHRUBS, VINES, TREES, AND CONIFER NURSERY* APPLICATION

Apply RONSTAR® G Herbicide anytime during the year, prior to weed seed germination, for weed control. RONSTAR® G Herbicide can be applied to both newly transplanted and established ornamentals. Application can be made to actively growing or dormant ornamentals. Rainfall or overhead irrigation after application of RONSTAR® G Herbicide will improve weed control activity. RONSTAR® G Herbicide should not be mixed into the soil. Cultivating or disturbing the soil may reduce the weed control activity of RONSTAR® G Herbicide. **Do not** apply to wet foliage or under conditions in which granules will collect on leaves.

For residential properties, do not allow unprotected persons or pets to enter the treated areas until the Ronstar® G Herbicide is watered-in.

ORNAMENTALS ON RESIDENTIAL PROPERTIES (Not for use in turfgrass on residential properties): Ronstar® G Herbicide may be applied to landscape beds consisting of well defined areas of solid or mixed stands of trees, shrubs, and ground covers located around the outside of buildings and other structures as well as open areas of the residential property. The landscape beds must not include any turfgrass lawn within the defined limits of the beds. Applications of Ronstar® G Herbicide must be made by a professional applicator only. Carefully measure the area of all beds to be treated in order to insure accurate application rate.

RESTRICTION:

Do not apply in greenhouses as plant injury may result from co-distillation of Ronstar® G Herbicide active ingredient onto leaf surfaces in condensate.

AMOUNT TO USE

Ground Application -- Apply RONSTAR® G Herbicide broadcast to ornamentals at 100 to 200 pounds of product per acre (or 2 1/4 to 4 1/2 pounds per 1,000 square feet) depending on the weeds to be controlled, as listed below. Remove existing weed growth before application. For use rates and amounts to use refer to the Amount to Use section and at the end of the Weed list box that follows.

*Use not permitted in California unless otherwise directed by supplemental labeling.

ANNUAL BROADLEAF WEEDS		ANNUAL GRASSES	
Bittercress	(<i>Cardamine spp.</i>)	Annual Bluegrass	(<i>Poa annua</i>)
Bristly Oxtongue†	(<i>Picris echioides</i>)	Annual Sedge†	(<i>Cyperus compressus</i>)
Carpetweed	(<i>Mollugo verticillata</i>)	*Barnyardgrass	(<i>Echinochloa crus-galli</i>)
Cheeseweed†	(<i>Malva parviflora</i>)	Bristly Foxtail†	(<i>Setaria verticillata</i>)
Common Groundsel	(<i>Senecio vulgaris</i>)	Crabgrass	(<i>Digitaria spp.</i>)
Common Purslane	(<i>Portulaca oleracea</i>)	Fall Panicum	(<i>Panicum dichotomiflorum</i>)
*Evening Primrose	(<i>Oenothera spp.</i>)	Green Foxtail	(<i>Setaria viridis</i>)
Fiddleneck†	(<i>Amsinckia intermedia</i>)	Goosegrass	(<i>Eleusine indica</i>)
Fireweed†	(<i>Epilobium angustifolium</i>)	**Jungle Ricegrass	(<i>Echinochloa colonum</i>)
*Galinsoga	(<i>Galinsoga spp.</i>)	**Panama Paspalum	(<i>Paspalum fimbriaatum</i>)
Garden Spurget	(<i>Euphorbia hirta</i>)	Ripgut Bromegrass†	(<i>Bromus catharticus</i>)
Golden Ragwort	(<i>Senecio aureus</i>)	Wild Oats†	(<i>Avena fatua</i>)
Lambsquarters	(<i>Chenopodium album</i>)		
**Liverwort	(<i>Marchantia spp.</i>)		
Niruri†	(<i>Phyllanthus niruri</i>)		
Pennsylvania Smartweed	(<i>Polygonum pennsylvanicum</i>)		
Petty Spurge	(<i>Euphorbia peplus</i>)		
**Prostrate Spurge	(<i>Euphorbia supina</i>)		
Redroot Pigweed	(<i>Amaranthus retroflexus</i>)		
Shepherdspurse†	(<i>Capsella bursa-pastoris</i>)		
Sensitive Plant†	(<i>Mimosa pudica</i>)		
Sow Thistle	(<i>Sonchus oleraceus</i>)		
Speedwell	(<i>Veronica spp.</i>)		
Spiny Amaranth†	(<i>Amaranthus spinosus</i>)		
Spotted Catsear	(<i>Hypochaeris radicata</i>)		
*Swinecress	(<i>Coronopus didymus</i>)		
Yellow Woodsorrel	(<i>Oxalis stricta</i>)		

*Apply 150 to 200 pounds (3.0 to 4.0 pounds of active ingredient) per acre to control these weeds. Use the higher rate with expected heavier weed pressure. For residential landscape ornamentals: The maximum number of applications that may be made per year are two. The maximum single application rate is 4.0 pounds of active ingredient per acre.

** Apply 200 pounds (4.0 pounds of active ingredient) per acre to control these weeds.

† Use not permitted in California unless otherwise directed by supplemental labeling.

The maximum amount allowed per year is 300 pounds of product per acre (equivalent to 6 pounds of active ingredient per acre year), except in areas where there is heavy weed infestation. In areas of heavy weed infestation, the maximum amount allowed per year is 400 pounds of product per acre (equivalent to 8 pounds of active ingredient per acre year). For best results, water-in product as soon as practical after application.

NOTE: Calibration chart for spreaders will be inserted at time of printing

TOLERANT SPECIES OF ORNAMENTALS AND GROUND COVERS

RONSTAR® G Herbicide may be applied to established ornamental plants(including plants grown for ground covers) and ground cover plants in containers, nurseries, and landscape plantings. RONSTAR® G Herbicide may be applied on the following ornamental varieties.

ESTABLISHED ORNAMENTALS AND GROUND COVERS

<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>	<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
Abutilon	<i>Abutilon pictum</i>	Cypress	<i>Cupressus spp.</i>
Acacia	<i>Acacia spp.</i>	Cypress, Leyland	<i>Cupressocyparis leylandii</i>
Agapanthus	<i>Agapanthus africanus</i>	Dahlia†	<i>Dahlia spp.</i>
Allamanda, Common	<i>Allamanda cathartica</i>	Daphne, Fragrant	<i>Daphne odora</i>
Alpine Willow	<i>Epilobium fleisheri</i>	Deutzia, Slender	<i>Deutzia gracilis</i>
Andromeda	<i>Pieris spp.</i>	Dieffenbachia†	<i>Dieffenbachia spp.</i>
Anthuriums (Ozaki Red)†		Dogwood, Common	<i>Cornus florida</i>
Apache Plume	<i>Fallugia paradoxa</i>	Dogwood, Redosier	<i>Cornus stolonifera</i>
Aralia	<i>Aralia spinosa</i>	Dogwood, Kousa	<i>Cornus kousa</i>
Arborvitae	<i>Thuja spp.</i>	Douglas fir	<i>Pseudotsuga menziesii</i>
Ash, Green	<i>Fraxinus pennsylvanica</i>	Elm	<i>Ulmus spp.</i>
Azalea	<i>Rhododendron spp.</i>	Escallonia	<i>Escallonia spp.</i>
Baby's Breath†	<i>Gypsophila paniculata</i>	Eucalyptus	<i>Eucalyptus spp.</i>
Bald Cypress†	<i>Takodium distichum</i>	Euryops, Gray Leaved	<i>Euryops pectinatus</i>
Bamboo, Feathery	<i>Bambusa vulgaris</i>	Euonymus, Spreading	<i>Euonymus kiautschovicus</i>
Banyan, Weeping	<i>Ficus benghalensis</i>	Euonymus, Wintercreeper	<i>Euonymus fortunei</i>
Barberry	<i>Berberis spp.</i>	Falsecypress, Hinoki	<i>Chaemaecyparis obtusa</i>
Beefsteak plant	<i>Acalypha wilkesiana</i>	Falsecypress, Japanese	<i>Chaemaecyparis pisifera</i>
Bearberry	<i>Arctostaphylos uva-ursi</i>	Flowering Quince	<i>Chaenomeles speciosa</i>
Beech, European	<i>Fagus sylvatica</i>	Forsythia	<i>Forsythia intermedia</i>
Birch, Paper	<i>Betula papyrifera</i>	Fountain Grass	<i>Pennisetum alopecuroides</i>
Blanket Flower†	<i>Gaillardia aristata</i>	Gardenia	<i>Gardenia jasminoides</i>
Blazing Star†	<i>Liatris spicata</i>	Gazania, Trailing	<i>Gazania uniflora leucoleana</i>
Boxwood, Japanese	<i>Buxus microphylla</i>	Ginko	<i>Ginko biloba</i>
Boxwood, Common	<i>Buxus sempervirens</i>	Gladiolus†	
Bougainvillea	<i>Bouganvillea spectabilis</i>	Golden Raintree†	<i>Koelreuteria paniculata</i>
Brassaia, Dwarf	<i>Brassaia actinophylla</i>	Heath, Spring	<i>Erica carnea</i>
Buddleia	<i>Buddleia davidii</i>	Heather, Scotch	<i>Calluna vulgaris</i>
Bugleflower†	<i>Ajuga reptans</i>	Heliotropium	<i>Heliotropium arborescens</i>
Callistemon	<i>Callistemon lanceolatus</i>	Hemlock, Canada†	<i>Tsuga canadensis</i>
Camellia, Common, Japanese	<i>Camellia japonica</i>	Hibiscus	<i>Hibiscus spp.</i>
Camellia, Sasanqua	<i>Camellia sasanqua</i>	Honeysuckle	<i>Lonicera spp.</i>
Candytuft	<i>Iberis sempervirens</i>	Holly	<i>Ilex spp.</i>
Carissa	<i>Carissa macrocarpa</i>	Ice Plant	<i>Carpobrotus edule</i>
Carnation	<i>Dianthus caryophyllus</i>	Ilima	<i>Sida fallax</i>
Ceanothus	<i>Ceanothus americanus</i>	Ivy, Algerian	<i>Hedera canariensis</i>
Cedar, Red	<i>Juniperus virginia</i>	Ivy, English	<i>Hedera helix</i>
Cedar, Atlas	<i>Cedrus atlantica</i>	Jasmine, Orange	<i>Murraya paniculata</i>
Cistus	<i>Cistus purpureus</i>	Jasmine, Primrose	<i>Jasminum mesnyi</i>
Citrus, Ornamental*:		Jasmine, Star	<i>Trachelospermum jasminoides</i>
Grapefruit	<i>Citrus paradisi</i>	Jasmine, Showy	<i>Jasminum floridum</i>
Lemon	<i>Citrus limon</i>	Juniper	<i>Juniperus spp.</i>
Lime	<i>Citrus aurantifolia</i>	Justica	<i>Justica brandegeana</i>
Mandarin	<i>Citrus reticulata</i>	Kwanzan Cherry†	<i>Prunus serrulata</i>
Tangelo	<i>Citrus XTangelo Minneola</i>	Lamb's Ear†	<i>Stachys byzantina</i>
Tangerine	<i>Citrus reticulata var. tangerina</i>	Lantana, Trailing	<i>Lantana montevidensis</i>
Temple	<i>Citrus Xnobilis Temple</i>	Lapalapa	<i>Cheirodendron spp.</i>
Cuban Shaddock	<i>Citrus maxima</i>	Larch, European	<i>Larix decidua</i>
Valencia	<i>Citrus sinensis</i>	Laurel, English	<i>Prunus laurocerasus</i>
Washington Navel	<i>Citrus sinensis</i>	Leopards – Banet	<i>Doronicum cordatum</i>
Cleyera†	<i>Cleyera japonica</i>	Leucothoe, Coast	<i>Leucothoe axillaries</i>
Coreopsis†	<i>Coreopsis lanceolata</i>	Leucothoe, Drooping	<i>(catesbaei)</i>
Coromandel†	<i>Asystasia gangetica</i>	Lily of the Nile	<i>Agapanthus umbellatus</i>
Cotoneaster	<i>Cotoneaster spp.</i>	Lilac	<i>Syringa spp.</i>
Crabapple*†	<i>Malus spp.</i>	Littleleaf Linden†	<i>Syringa cordata</i>
Crapemyrtle	<i>Lagerstroemia indica</i>	Little Pickles	<i>Othonna capensis</i>
Creeping Phlox	<i>Phlox subulata</i>	Loquat*	<i>Eriobotrya japonica</i>
Chrysanthemum	<i>Chrysanthemum spp.</i>	Magnolia	<i>Magnolia spp.</i>

ESTABLISHED ORNAMENTALS AND GROUND COVERS

COMMON NAME	SCIENTIFIC NAME	COMMON NAME	SCIENTIFIC NAME
Mahonia, Grape Holly	<i>Mahonia aquifolium</i>	Poplar	<i>Populus spp.</i>
Maple	<i>Acer spp.</i>	Potentilla	<i>Potentilla fruticosa</i>
Metallic Plant	<i>Hemigraphis colorata</i>	Potentilla	<i>Potentilla fragiformis</i>
Mexican Orange†	<i>Choisya ternate</i>	Privet	<i>Ligustrum spp.</i>
Mock Orange†	<i>Philadelphus virginialis</i>	Protea species	<i>Banksia menziesii</i>
Money Tree	<i>Pleomele marginata</i>		<i>Leucadendron discolor</i>
Murraea	<i>Murraea exotica</i>		<i>Leucospermum cordifolium</i>
Murraea	<i>Murraea paniculata</i>		<i>Protea exinia</i>
Myoporum	<i>Myoporum laetum</i>	Pyracantha	<i>Pyracantha coccinea</i>
Myrtle	<i>Myrtus communis</i>	Raphiolepis	<i>Raphiolepis umbellata</i>
Nandina	<i>Nandina domestica</i>	Redwood, Dawn	<i>Metasequoia glyptostroboides</i>
Oak	<i>Quercus spp.</i>	Rhododendron	<i>Rhododendron spp.</i>
Ochana	<i>Ochana serrulata</i>	Rose	<i>Rosa spp.</i>
Ohai	<i>Samanea saman</i>	Russian Olive	<i>Eleagnus angustifolia</i>
Oleander	<i>Nerium oleander</i>	Sargent Cherry†	<i>Prunus sargentii</i>
Orthosiphon	<i>Orthosiphon stamineus</i>	Scotch Broom	<i>Cytisus scoparius</i>
Osmanthus	<i>Osmanthus heterophyllus</i>	Sedum	<i>Sedum album</i>
Pachysandra	<i>Pachysandra terminalis</i>	Serviceberry, Saskatoon*†	<i>Amelanchier alnifolia</i>
Palm, Bamboo	<i>Rhapi excelsa</i>	Silver Butterfly Bush	<i>Buddleia alternifolia</i>
Palm, Fishtail	<i>Caryota spp.</i>	Smith Buckthorn	<i>Rahmnus smithii</i>
Palm, Licuala	<i>Licuala Thunb. Spp.</i>	Speedwell	<i>Veronica spicata</i>
Palm, Macarthur	<i>Ptychosperma marcarthurii</i>	Spruce	<i>Picea spp.</i>
Palm, Manac	<i>Euterpe spp.</i>	Statice†	<i>Limonium spp.</i>
Palm, Manila	<i>Veitchia merillii</i>	St Johnswort, Golden	<i>Hypericum frondosum</i>
Palm, Parlor	<i>Collinia elegans</i>	St. Johnswort, Goldencup	<i>Hypericum patulum</i>
Palm, Rattan	<i>Daemonorops spp.</i>	Strawberry Tree	<i>Arbutus unedo</i>
Palm, Sealing Wax	<i>Cyrtostachyus lakka</i>	Sumac, Staghorn	<i>Rhus typhina</i>
Palm, Sugar	<i>Arenga saccharifera</i>	Sweet William†	<i>Dianthus barbatus</i>
Paperbark Tree†	<i>Melaleuca leucadendra</i>	Syzygium	<i>Syzygium paniculatum</i>
Peony†	<i>Poeonia spp.</i>	Trailing African Daisy	<i>Osteospermum fruticosum</i>
Periwinkle, Common	<i>Vinca minor</i>	Viburnum	<i>Viburnum spp.</i>
Periwinkle, Large	<i>Vinca major</i>	Wedelia	<i>Wedelia trilobata</i>
Photinia, Frasier's	<i>Photinia fraseri</i>	Wisteria, Chinese†	<i>Wisteria synensis</i>
Poinciana	<i>Delonix regea</i>	Witchhazel, Common†	<i>Hamamelis virginiana</i>
Pine	<i>Pinus spp.</i>	Woadwaxen, Common†	<i>Genista tinctoria</i>
Pittosporum, Japanese	<i>Pittosporum tobira</i>	Wooly Thyme†	<i>Thymus pseudolanugirosis</i>
Plum, Natal	<i>Carissa macrocarpa</i>	Xylosma	<i>Xylosma congestum</i>
Podocarpus, Yew	<i>Podocarpus macrophylla</i>	Yellow Foxgolve	<i>Digitalis x mertonensis</i>
Pomegranite*	<i>Punica granatum</i>	Yew†	<i>Taxus spp.</i>

* For use only on plants that will not bear edible fruit within one year of RONSTAR® G Herbicide application.

†Use not permitted in California unless otherwise directed by supplemental labeling.

NEWLY TRANSPLANTED ORNAMENTALS AND GROUND COVERS

<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
Blanket Flower†	<i>Gaillardia aristata</i>
Brassaia, Dwarf	<i>Brassia actinophylla</i>
Camellia	<i>Camellia japonica</i>
Carnation	<i>Dianthus caryophyllus</i>
Cedar, Red	<i>Juniperus atlantica</i>
Coromandel†	<i>Asystasia gangentica</i>
Dogwood, Flowering	<i>Cornus florida</i>
Elm	<i>Ulmus spp.</i>
Forsythia	<i>Forsythia intermedia</i>
Gazania, Trailing	<i>Gazania uniflora leucoleana</i>
Hackberry†	<i>Celtis occidentalis</i>
Ivy, Algerian	<i>Hedera canariensis</i>
Ivy, English	<i>Hedera helix</i>
Hemlock, Canada	<i>Tsuga canadensis</i>
Holly	<i>Ilex spp.</i>
Ice Plant	<i>Carpobrotus edule</i>
Juniper	<i>Juniperus spp.</i>
Leopards – Banet†	<i>Doronicum cordatum</i>
Metallic Plant	<i>Hemigraphis colorata</i>
Oak	<i>Quercus spp.</i>
Periwinkle, Common	<i>Vinca minor</i>
Periwinkle, Large	<i>Vinca major</i>
Pine	<i>Pinus spp.</i>
Poplar	<i>Populus spp.</i>
Privet	<i>Ligustrum spp.</i>
Protea Species	<i>Banksia menziesii</i> <i>Leucadendron discolor</i> <i>Leucospermum cordifolium</i> <i>Protea exinia</i>
Rhododendron	<i>Rhododendron spp.</i>
Russian Olive	<i>Eleagnus angustifolia</i>
Spruce	<i>Picea spp.</i>
Trailing African Daisy	<i>Osteospermum fruticosum</i>
Wedelia	<i>Wedelia trilobata</i>
Wisteria, Chinese†	<i>Wisteria sinensis</i>
Yew†	<i>Taxus spp.</i>

†Use not permitted in California unless otherwise directed by supplemental labeling.

14/15

FOREST NURSERY APPLICATION

Seedlings of the following species may be treated with RONSTAR® G Herbicide at least 4 weeks after seedling emergence:

COMMON NAME	SCIENTIFIC NAME
Pine, Loblolly	<i>Pinus taeda</i>
Pine, Eastern White	<i>Pinus strobus</i>
Pine, Slash	<i>Pinus caribaea</i>

SENSITIVE VARIETIES OF ORNAMENTALS

Under certain growing conditions, the plant varieties listed below may be sensitive to RONSTAR® G Herbicide. Evaluate usage on a small scale prior to large scale applications.

PLANT SPECIES	VARIETIES
Andromeda (<i>Pieris japonica</i>)	Snowdrift, Temple Bell
Azalea (<i>Rhododendron spp.</i>),	Pink Champagne, Hershey, Leuchtenfuer, Memoire John Hearrens, Hino-Crimson, White Grandeur, Everest, Girard Roberta
Cotoneaster (<i>Cotoneaster spp.</i>)	Eichholz, Himalayan, Shangri-la
Crapemyrtle (<i>Lagerstroemia indica</i>)	Petite Red Imp, Seminole Bush
Heath, Spring (<i>Erica carnea</i>)	Mediterranean Pink
Hemlock, Canada (<i>Tsuga canadensis</i>)	Pendula
Hibiscus (<i>Hibiscus syriacus</i>)	Red Heart
Rhododendron (<i>Rhododendron spp.</i>),	Daphnoides, Nova Zembla, Catawba Album
Spruce, Norway (<i>Picea abies</i>)	Pumila
Spruce, White (<i>Picea glauca</i>)	Densata
Viburnum (<i>Viburnum spp.</i>)	Davidii

15/5

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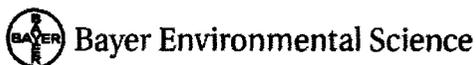
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