



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7505P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

32802-83

Date of Issuance:

8/12/16

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Howard Johnson's Ronstar 1.0%  
Plus Turf Fertilizer Herbicide

Name and Address of Registrant (include ZIP Code):

James McFadden, Ph.D.  
Howard Johnson's Enterprises, Inc.  
9675 S 60<sup>th</sup> Street  
Franklin, WI 53132

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.


On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

  
Shaja B. Joyner, Product Manager 20  
Fungicide-Herbicide Branch  
Registration Division 7505P

Date:

8/12/16

2. You are required to comply with the data requirements described in the DCI or EDSP Order identified below:

- a. Oxadiazon GDCI-109001-1502

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: <http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
4. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 32802-83.”
5. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 03/22/2016
- Alternate CSF 1 dated 03/22/2016

If you have any questions, please contact Eleanor Thornton by phone at 703-305-6799, or via email at [Thornton.eleanor@epa.gov](mailto:Thornton.eleanor@epa.gov).

Enclosure

# Howard Johnson's RONSTAR<sup>®</sup> 1.0% Plus Turf Fertilizer Herbicide

**FOR USE BY PROFESSIONAL APPLICATORS ONLY. NOT INTENDED FOR HOME LAWNS.**

**Selective, pre-emergent herbicide for the control of annual grasses and broadleaf weeds in Turf and woody Ornamental shrubs, vines, and trees.**

**ACTIVE INGREDIENT:**

Oxadiazon 3-[2,4-dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one..... 1.0%

**INERT INGREDIENTS:** ..... 99.0%

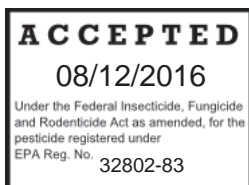
**TOTAL:**.....**100.0%**

**EPA Reg. No. 32802-XXX**

**EPA Est. No. 32802-MO-01A; 59144-GA-01B; 37351-CO-01C**

NET WEIGHT [XXX] LB ; [ \_\_\_\_ LB covers up to \_\_\_\_ sq ft [of turfgrass]]

Subscript used is the First letter of Run Code on Container



## 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.)

[See Back Panel for additional Precautionary Statements and First Aid]

GUARANTEED ANALYSIS XX-X-X	
Total Nitrogen (N) .....	XX%
x.x% ammoniacal nitrogen	
x.x% urea nitrogen*	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	X%
Soluble Potash (K <sub>2</sub> O) .....	X%
Sulfur (S) .....	X%
x.x% free sulfur (S)	
Derived from: polymer-coated, sulfur-coated urea, urea, ammonium phosphate, potassium chloride. *A portion of the urea has been coated to provide x.x% coated slow-release nitrogen. This product and/or its manufacture is covered by one or more of the following U.S. patents and international counterparts thereof: US Patent Numbers: xxxxxx	
Note: Fertilizer grades with nutrient contents expressed as the percentages of N, P <sub>2</sub> O <sub>5</sub> and K <sub>2</sub> O may include the following: 23-3-7 or x-x-x. The fertilizer grade analyses may contain macronutrients and micronutrients. The nutrient contents expressed will vary among states, and the analyses will differ between supplemental registrations.	

**For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-424-9300**  
**For PRODUCT USE Information Call (414) 394-3590 8:30am 5:00pm CST**

## FIRST AID

If on skin:	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled:	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
If in eyes:	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed:	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> </ul>

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

## PRECAUTIONARY STATEMENTS

### WARNING

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes skin irritation. Harmful if absorbed through skin. Harmful if inhaled. Causes moderate eye irritation. Do not get on skin or on clothing. Avoid contact with eyes. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing and before reuse.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Loaders, applicators and other handlers must wear coveralls over short-sleeved shirt, and short pants, socks, chemical resistant footwear and waterproof gloves. Wear protective eyewear if appropriate. .

#### User Safety Requirements

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

#### 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. [This Product]/Howard Johnson's RONSTAR®] 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.

## 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.

### 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.

### PRODUCT INFORMATION

Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide is a selective, pre-emergent herbicide for control of many annual grasses and broadleaf weeds in turf and on a wide variety of woody ornamental shrubs, vines, and trees. Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide controls weeds by killing the young weed seedlings as they come in contact with the herbicide during germination.

Apply Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer 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.

#### Use Precautions

- Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide may cause discoloration of Bentgrass, Bermudagrass and St. Augustinegrass. This discoloration is temporary and normally outgrown within 2 to 3 weeks.
- Avoid contact with flowers and shrubs except as specified elsewhere on this label.
- For best results, water-in product as soon as practical after application.
- Avoid contamination of water intended for irrigation and domestic use.

#### Use Restrictions

- Do not allow domestic animals to graze treated areas.
- Do not apply Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide through any type of irrigation system.
- For St. Augustinegrass and Bentgrass turf, do not exceed the rate of 300 pounds per acre (3 pounds active ingredient) of Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide. Do not apply to Bentgrass turf mowed at less than 3/8 inch.
- Do not apply Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide to newly seeded areas. Seeding into treated areas should be delayed until 4 months after treatment except as noted above.
- Do not apply to Dichondra or Centipedegrass. Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide should not be used on putting greens or tees because of the varying cultural practices used.
- When making applications to Tropic Lalo, applications must be made 0 – 12 days after sprigging.
- 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.
- Do not exceed the maximum application rate allowed per year of 600 pounds of product per acre per year (equivalent to 6 pounds ai/A/year), except in areas where there is heavy weed infestation. In areas of heavy weed infestation, the maximum application rate is 800 pounds of product per acre per year (equivalent to 8 pounds ai/A/year). A single application rate of 400 pound of product per acre (equivalent to 4 pounds ai/A). Subsequent applications can be made 4 months after the previous treatment.

- **Not for use on home lawns.**

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**TURF**

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For use in established perennial Bluegrass, Bentgrass, Bermudagrass, Buffalograss, Perennial Ryegrass, St. Augustinegrass, 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 uniformly 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 turf thoroughly will increase effectiveness.

**PREEMERGENT WEED CONTROL  
APPLICATION RATES**

	<b>AMOUNT OF Howard Johnson's RONSTAR® 1.0% PLUS TURF FERTILIZER Herbicide</b>		
<b>WEEDS CONTROLLED</b>	<b>PER ACRE</b>	<b>PER 1000 SQ. FT.</b>	<b>DIRECTIONS</b>
Crabgrass ( <i>Digitaria spp.</i> ) Goosegrass ( <i>Eleusine indica</i> ) Field Sandbur ( <i>Cenchrus incertus</i> ) Annual Sedge ( <i>Cyperus compressus</i> )	200 - 400 lbs.	4.5 - 9 lbs.	Apply in late winter or early spring prior to seed germination. Application made after March or April may not be fully effective.
Annual Bluegrass ( <i>Poa Annua spp.</i> ) <b>(See note below)</b>	200-400 lbs.	4.5 - 9 lbs	Apply in late summer to early fall prior to seed germination.
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>Axonopus officinis</i> )	400 lbs.	9 lbs.	Apply in early spring prior to seed germination.

**FALL APPLICATION FOR SPRING WEED CONTROL IN COOL SEASON TURF**

	<b>AMOUNT OF Howard Johnson's RONSTAR® 1.0% PLUS TURF FERTILIZER Herbicide</b>		
<b>WEEDS CONTROLLED</b>	<b>PER ACRE</b>	<b>PER 1000 SQ. FT.</b>	<b>DIRECTIONS</b>
Crabgrass, Goosegrass and other annual weeds	300 - 400 lbs.	6.76 – 9 lbs.	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.

**ANNUAL BLUEGRASS CONTROL IN BERMUDAGRASS FAIRWAYS OVERSEEDED  
WITH PERENNIAL RYEGRASS ONLY**

	<b>AMOUNT OF Howard Johnson's RONSTAR® 1.0% PLUS TURF FERTILIZER Herbicide</b>		
<b>WEEDS CONTROLLED</b>	<b>PER ACRE</b>	<b>PER 1000 SQ. FT.</b>	<b>DIRECTIONS</b>

Annual Bluegrass ( <i>Poa annua</i> spp.) See Note below	200 lbs.	4.5 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. Howard Johnson's RONSTAR® 1.0%Plus Turf Fertilizer will only control the <i>Poa annua</i> spp. that is established from seed every year. Howard Johnson's <b><u>RONSTAR® 1.0% Plus Turf Fertilizer Herbicide should be applied no closer than 60 days prior to overseeding.</u></b> NOTE: Do not use where <i>Poa trivialis</i> is present in overseed mix.
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**NOTE:** In many areas, annual bluegrass exists as at least two biotypes or subspecies of *Poa annua*. The true annual biotype is *Poa annua* spp. *annua* which germinates every year from seed, while the biotype that behaves like a perennial is *Poa annua* spp. *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

	AMOUNT OF Howard Johnson's RONSTAR® 1.0% PLUS TURF FERTILIZER Herbicide		
WEEDS CONTROLLED	PER ACRE	PER 1000 SQ. FT.	DIRECTIONS
Crabgrass, Goosegrass, Annual Sedge, and other annual weeds	200 to 300 lbs.	4.5 to 6.76 lbs.	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 Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide application may disrupt the herbicide barrier and reduce effectiveness. Irrigate immediately after application for best results.

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

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#### Use Restrictions

- **Do not apply to wet foliage** or under conditions in which granules will collect on leaves.
- **Do not apply in greenhouses** as plant injury may result from codistillation of Howard Johnson's RONSTAR®1.0% Plus Turf Fertilizer Herbicide active ingredient onto leaf surfaces in condensation.

#### APPLICATION TIMING

Apply Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide anytime during the year, prior to weed seed germination, for weed control. Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer 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 Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide will improve weed control activity. Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide should not be mixed into the soil. Cultivating or disturbing the soil may reduce the weed control activity of Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide.

#### AMOUNT TO USE

Ground Application -- Apply Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide broadcast to ornamentals at 200 to 400 pounds of product per acre (or 4.5 to 9 pounds per 1,000 sq. ft.) depending on the weeds to be controlled, as listed below. Remove existing weed growth before application.



ANNUAL BROADLEAF WEEDS		ANNUAL GRASSES	
Bittercress	( <i>Cardamine sp</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 sp</i> )
Common Purslane	( <i>Portulaca oleracea</i> )	Fall Panicum	( <i>Panicum dichotomiflorum</i> )
*Evening Primrose	( <i>Oenothera sp</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 sp</i> )	**Panama Paspalum	( <i>Paspalum fimbriaatum</i> )
Garden Spurge	( <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 sp</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> )		
Shepherdspurge	( <i>Capsella bursa-pastoris</i> )		
Sensitive Plant	( <i>Mimosa pudica</i> )		
Sow Thistle	( <i>Sonchus oleraceus</i> )		
Speedwell	( <i>Veronica sp</i> )		
Spiny Amaranth	( <i>Amaranthus spinosus</i> )		
Spotted Catsear	( <i>Hypochaeris radicata</i> )		
*Swinecress	( <i>Coronopus didymus</i> )		
Yellow Woodsorrel	( <i>Oxalis stricta</i> )		

\*Use 300 to 400 pounds (3.0 to 4.0 pounds of active ingredient) per acre for less susceptible weeds.

\*\*Use 400 pounds (4.0 pounds of active ingredient) per acre for less susceptible weeds.

### How To Calibrate Spreaders For Applications Of Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide

#### Optional Spreader Chart

Spreader	Setting for Spreader
	Rate of Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide [X lb]/acre
Spreader Brands	XX



**CROP TOLERANCE**

Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide is recommended for use on a wide variety of ornamental species and ground covers in container, field grown, and landscape planting situations. Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide may be used at the specified application rates on the following species.

**ESTABLISHED ORNAMENTALS AND GROUND COVERS**

<b><u>COMMON NAME</u></b>	<b><u>SCIENTIFIC NAME</u></b>	<b><u>COMMON NAME</u></b>	<b><u>SCIENTIFIC NAME</u></b>
Abutilon	<i>Abutilon pictum</i>	Citrus, Ornamental*:	
Acacia	<i>Acacia sp</i>	Grapefruit	<i>Citrus paradisi</i>
Agapanthus	<i>Agapanthus africanus</i>	Lemon	<i>Citrus limon</i>
Allamanda, Common	<i>Allamanda cathartica</i>	Lime	<i>Citrus aurantifolia</i> Bearss
Alpine Willow	<i>Epilobium fleisheri</i>	Mandarin	<i>Citrus reticulata</i>
Andromeda	<i>Pieris sp</i>	Tangelo	<i>Citrus XTangelo Minneola</i>
Anthuriums (Ozaki Red)		Tangerine	<i>Citrus reticulata</i> var. <i>tangerina</i>
Apache Plume	<i>Fallugia paradoxa</i>	Temple	<i>Citrus Xnobilis Temple</i>
Aralia	<i>Aralia spinosa</i>	Cuban Shaddock	<i>Citrus maxima</i>
Arborvitae	<i>Thuja sp</i>	Valencia	<i>Citrus sinensis</i>
Ash, Green	<i>Fraxinus pennsylvanica</i>	Washington Navel	<i>Citrus sinensis</i>
Azalea	<i>Rhododendron sp</i>	Cleyera	<i>Cleyera japonica</i>
Baby's Breath	<i>Gypsophila paniculata</i>	Coreopsis	<i>Coreopsis lanceolata</i>
Bald Cypress	<i>Takodium distichum</i>	Coromandel	<i>Asystasia gangetica</i>
Bamboo, Feathery	<i>Bambusa vulgaris</i>	Cotoneaster	<i>Cotoneaster sp</i>
Banyan, Weeping	<i>Ficus benghalensis</i>	Crabapple*	<i>Malus sp</i>
Barberry	<i>Berberis sp</i>	Crapemyrtle	<i>Lagerstroemia indica</i>
Beafsteak plant	<i>Acalypha wilkesiana</i>	Creeping Phlox	<i>Phlox subulata</i>
Bearberry	<i>Arctostaphylos uva-ursi</i>	Chrysanthemum	<i>Chrysanthemum sp</i>
Beech, European	<i>Fagus sylvatica</i>	Cypress	<i>Cupressus sp</i>
Birch, Paper	<i>Betula papyrifera</i>	Cypress, Leyland	<i>Cupressocyparis leylandii</i>
Blanket Flower	<i>Gaillardia aristata</i>	Dahlia	<i>Dahlia sp</i>
Blazing Star	<i>Liatris spicata</i>	Daphne, Fragrant	<i>Daphne odora</i>
Boxwood, Japanese	<i>Buxus microphylla</i>	Deutzia, Slender	<i>Deutzia gracilis</i>
Boxwood, Common	<i>Buxus sempervirens</i>	Dieffenbachia	<i>Dieffenbachia sp</i>
Bougainvillea	<i>Bouganvillea spectabilis</i>	Dogwood, Common	<i>Cornus florida</i>
Brassaia, Dwarf	<i>Brassaia actinophylla</i>	Dogwood, Redosier	<i>Cornus stolonifera</i>
Buddleia	<i>Buddleia davidii</i>	Dogwood, Kousa	<i>Cornus kousa</i>
Bugleflower	<i>Ajuga reptans</i>	Douglas fir	<i>Pseudotsuga menziesii</i>
Callistemon	<i>Callistemon lanceolatus</i>	Elm	<i>Ulmus sp</i>
Camellia, Common, Japanese	<i>Camellia japonica</i>	Escallonia	<i>Escallonia sp</i>
Camellia, Sasanqua	<i>Camellia sasanqua</i>	Eucalyptus	<i>Eucalyptus sp</i>
Candytuft	<i>Iberis sempervirens</i>	Euryops, Gray Leaved	<i>Euryops pectinatus</i>
Carissa	<i>Carissa macrocarpa</i>	Euonymus, Spreading	<i>Euonymus kiautschovicus</i>
Carnation	<i>Dianthus caryophyllus</i>	Euonymus, Wintercreeper	<i>Euonymus fortunei</i>
Ceanothus	<i>Ceanothus americanus</i>	Falsecypress, Hinoki	<i>Chaemaecyparis obtusa</i>
Cedar, Red	<i>Juniperus virginia</i>	Falsecypress, Japanese	<i>Chaemaecyparis pisifera</i>
Cedar, Atlas	<i>Cedrus atlantica</i>	Flowering Quince	<i>Chaenomeles speciosa</i>
Cistus	<i>Cistus purpureus</i>	Forsythia	<i>Forsythia intermedia</i>
		Fountain Grass	<i>Pennisetum alopecuroides</i>
		Gardenia	<i>Gardenia jasminoides</i>
		Gazania, Trailing	<i>Gazania uniflora leucoleana</i>
		Ginko	<i>Ginko biloba</i>

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**ESTABLISHED ORNAMENTALS AND GROUND COVERS (con't)**


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<b><u>COMMON NAME</u></b>	<b><u>SCIENTIFIC NAME</u></b>	<b><u>COMMON NAME</u></b>	<b><u>SCIENTIFIC NAME</u></b>
Gladiolas		Metallic Plant	<i>Hemigraphis colorata</i>
Golden Raintree	<i>Koelreuteria paniculata</i>	Mexican Orange	<i>Choisya ternate</i>
Heath, Spring	<i>Erica carnea</i>	Mock Orange	<i>Philadelphus virginalis</i>
Heather, Scotch	<i>Calluna vulgaris</i>	Money Tree	<i>Pleomele marginata</i>
Heliotropium	<i>Heliotropium arborescens</i>	Murraea	<i>Murraea exotica</i>
Hemlock, Canada	<i>Tsuga canadensis</i>	Murraea	<i>Murraea paniculata</i>
Hibiscus	<i>Hibiscus sp</i>	Myoporum	<i>Myoporum laetum</i>
Honeysuckle	<i>Lonicera sp</i>	Myrtle	<i>Myrtus communis</i>
Holly	<i>Ilex sp</i>	Nandina	<i>Nandina domestica</i>
Ice Plant	<i>Carpobrotus edule</i>	Oak	<i>Quercus sp</i>
Ilima	<i>Sida fallax</i>	Ochana	<i>Ochana serrulata</i>
Ivy, Algerian	<i>Hedera canariensis</i>	Ohai	<i>Samanea saman</i>
Ivy, English	<i>Hedera helix</i>	Oleander	<i>Nerium oleander</i>
Jasmine, Orange	<i>Murraya paniculata</i>	Orthosiphon	<i>Orthosiphon stamineus</i>
Jasmine, Primrose	<i>Jasminum mesnyi</i>	Osmanthus	<i>Osmanthus heterophyllus</i>
Jasmine, Star	<i>Trachelospermum jasminoides</i>	Pachysandra	<i>Pachysandra terminalis</i>
Jasmine, Showy	<i>Jasminum floridum</i>	Palm, Bamboo	<i>Rhapi excelsa</i>
Juniper	<i>Juniperus sp</i>	Palm, Fishtail	<i>Caryota sp</i>
Justica	<i>Justica brandegeana</i>	Palm, Licuala	<i>Licuala Thunb. sp</i>
Kwanzan Cherry	<i>Prunus serrulata</i>	Palm, Macarthur	<i>Ptychosperma marcarthurii</i>
Lamb's Ear	<i>Stachys byzantina</i>	Palm, Manac	<i>Euterpe sp</i>
Lantana, Trailing	<i>Lantana montevidensis</i>	Palm, Manila	<i>Veitchia merillii</i>
Lapalapa	<i>Cheirodendron sp</i>	Palm, Parlor	<i>Collinia elegans</i>
Larch, European	<i>Larix decidua</i>	Palm, Rattan	<i>Daemonorops sp</i>
Laurel, English	<i>Prunus laurocerasus</i>	Palm, Sealing Wax	<i>Cytrostachuys lakka</i>
Leopards – Bane	<i>Doronicum cordatum</i>	Palm, Sugar	<i>Arenga saccharifera</i>
Leucothoe, Coast	<i>Leucothoe axillaris</i>	Paperbark Tree	<i>Melaleuca leucadendra</i>
Leucothoe, Drooping	<i>Leucothoe fontanesia (catesbaei)</i>	Peony	<i>Poeonia sp</i>
Lily of the Nile	<i>Agapanthus umbellatus</i>	Periwinkle, Common	<i>Vinca minor</i>
Lilac	<i>Syringa sp</i>	Periwinkle, Large	<i>Vinca major</i>
Littleleaf Linden	<i>Tilia cordata</i>	Photinia, Frasier's	<i>Photinia frasieri</i>
Little Pickles	<i>Othonna capensis</i>	Poinciana	<i>Delonix regea</i>
Loquat*	<i>Eriobotrya japonica</i>	Pine	<i>Pinus sp</i>
Magnolia	<i>Magnolia sp</i>	Pittosporum, Japanese	<i>Pittosporum tobira</i>
Mahonia, Grape Holly	<i>Mahonia aquifolium</i>	Plum, Natal	<i>Carissa macrocarpa</i>
Maple	<i>Acer sp</i>	Podocarpus, Yew	<i>Podocarpus macrophylla</i>
		Pomegranite*	<i>Punica granatum</i>

**ESTABLISHED ORNAMENTALS AND GROUND COVERS (con't)**

<b><u>COMMON NAME</u></b>	<b><u>SCIENTIFIC NAME</u></b>	<b><u>COMMON NAME</u></b>	<b><u>SCIENTIFIC NAME</u></b>
Poplar	<i>Populus sp</i>	Smith Buckthorn	<i>Rahmnus smithii</i>
Potentilla	<i>Potentilla fruticosa</i>	Speedwell	<i>Veronica spicata</i>
Potentilla	<i>Potentilla fragiformis</i>	Spruce	<i>Picea sp</i>
Privet	<i>Ligustrum sp</i>	Statice	<i>Limonium sp</i>
Protea species	<i>Banksia menziesii</i> <i>Leucadendron discolor</i> <i>Leucospermum cordifolium</i> <i>Protea exinia</i>	St.Johnswort, Golden	<i>Hypericum frondosum</i>
		St.Johnswort, Gokdencup	<i>Hypericum patulum</i>
		Strawberry Tree	<i>Arbutus unedo</i>
		Sumac, Staghorn	<i>Rhus typhina</i>
		Sweet William	<i>Dianthus barbatus</i>
		Syzygium	<i>Syzygium paniculatum</i>
		Trailing African Daisy	<i>Osteospermum fruticosum</i>
		Viburnum	<i>Viburnum sp</i>
		Wedelia	<i>Wedelia trilobata</i>
		Wisteria, Chinese	<i>Wisteria synensis</i>
		Witchhazel, Common	<i>Hamamelis virginiana</i>
		Woadwaxen, Common	<i>Genista tinctoria</i>
		Wooly Thyme	<i>Thymus pseudolanugirosis</i>
		Xylosma	<i>Xylosma congestum</i>
		Yellow Foxgolve	<i>Digitalis x mertonensis</i>
		Yew	<i>Taxus sp</i>

**NEWLY TRANSPLANTED ORNAMENTALS AND GROUND COVERS**

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

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**FOREST NURSERY APPLICATION**


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Seedlings of the following species can be treated with Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide when at least 4 weeks old:

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

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**SENSITIVE VARIETIES**


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Under certain growing conditions, the plant varieties listed below may be sensitive to Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide. Growers should evaluate usage on a small scale prior to large scale applications.

<b><u>PLANT SPECIES</u></b>	<b><u>VARIETIES</u></b>
Andromeda ( <i>Pieris japonica</i> )	Snowdrift, Temple Bell
Azalea	Pink Champagne, Hershey, ( <i>Rhododendron sp</i> ), Leuchtenfuer, Memoire John Hearrens, Hino-Crimson, White Grandeur, Everest, Girard Roberta
Cotoneaster	Eichholz, Himalayan, Shangri-la ( <i>Cotoneaster sp</i> )
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	Daphnoides, Nova Zembla, ( <i>Rhododendron sp</i> ), Catawba Album
Spruce, Norway ( <i>Picea abies</i> )	Pumila
Spruce, White ( <i>Picea glauca</i> )	Densata
Viburnum ( <i>Viburnum sp</i> )	Davidii

\* For use only on plants that will not bear edible fruit within one year of Howard Johnson's RONSTAR® 1.0% Plus Turf Fertilizer Herbicide application.

## STORAGE AND DISPOSAL

### STORAGE

Do not contaminate water, food or feed by storage or disposal. Do not store in or around the home.

### PESTICIDE DISPOSAL

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

#### Nonrefillable nonrigid containers:

### CONTAINER HANDLING

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 land fill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

#### Nonrefillable rigid containers 5 gallons or less:

**CONTAINER HANDLING: Nonrefillable container.** Do not reuse or refill this container.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

### IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience LP. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

**LIMITATIONS OF LIABILITY:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

RONSTAR® is a registered trademark of the Bayer Env. Science Corporation.

Manufactured For/By  
Howard Johnson's Enterprises, LLC  
9675 S. 60th Street  
Franklin, WI 53132

#### Additional Language If Required in Florida:

- In the state of Florida, this product should be applied at rates not exceeding those recommended in the document titled Best Management Practices for Protection of Water Resources in Florida, June 2002, Florida Green Industries.
- In the state of Florida: For application to sports turf (non-agricultural land planted exclusively for golf courses, parks, and athletic fields) follow "SL191, Recommendations for N, P, K and Mg for Golf Course & Athletic Field Fertilization Base on Mehlich | Extractant" available at <http://edis.ifas.ufl.edu/SS404>, or "BMP's for Enhancement of Environmental Quality on Florida's Golf Courses" available at <http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/glfbmp07.pdf>
- In the state of Florida: For application to urban turf (non-agricultural land planted in closely mowed, managed grasses except golf courses, parks and athletic fields) follow "Best Management Practices for Protection of Water Resources in Florida, June 2002, Florida Green Industries" available at [http://www.dep.state.fl.us/central/Home/MeetingsTraining/FLGreen/BMP\\_Book\\_final.pdf](http://www.dep.state.fl.us/central/Home/MeetingsTraining/FLGreen/BMP_Book_final.pdf)
- APPLICATION LIMITS: Certain states have limits on fertilizer application rates and timing. Consult your local State Cooperative Extension for current information on annual application limitations for [turf/lawn] fertilizers in your region.

#### **Fertilizer Labeling Requirements by Association of American Plant Food Control Officials (AAPFCO):**

Information regarding the contents and levels of metals in this product is available on the Internet at

<http://www.aapfco.org/metals.htm>

Information regarding the contents and levels of metals in this product is available on the Internet at

<http://www.regulatory-info-xx.com>

When applied as directed, this product meets the guidelines for metals adopted by the Association of American Plant Food Control Officials. Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>.

Certain states have limits on fertilizer application rates and timing. Consult your State Cooperative Extension for current information on annual application limitations for lawn fertilizers in your region.

Information regarding the raw materials composing this product can be obtained by writing to the Guarantor listed on this label and referring to the batch number found on this container.

#### **Fertilizer Benefit Claims**

- [Feeds] [Greens] [Feeds and greens] for [up to] 3 months (to be used only on formulations with controlled release technology)
- Feeds with slow release fertilizer for [up to] 3 months (to be used only on formulations with controlled release technology)
- Quick Greening [and Extended Feeding] (to be used only on formulations with controlled release technology)
- Contains slow release nitrogen for extended [greening] [feeding]