

7001-383

09/22/2003

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:
7001-383 ✓

Date of Issuance:
SEP 22 2003

Term of Issuance:
Conditional

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name of Pesticide Product:
TURF FERTILIZER
with 1.00% RONSTAR®

Name and Address of Registrant (include ZIP Code):

J. R. Simplot, Inc.
P.O. Box 198
Lathrop, CA 85330

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/reregistered 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 registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Add the phrase "EPA Registration No. 7001-383" to the label before you release the product for shipment.

COMMENTS CONTINUED ON PAGE 2 OF THIS NOTICE OF REGISTRATION

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product under the enclosed stamped copy of the label constitutes acceptance of these conditions.

Enclosure

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Signature of Approving Official:

Joanne I. Miller

Date: SEP 22 2003

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EPA Reg. No. 7001-383
Comments Continued:

- 2. Submit the following data required for the registration of this pesticide product within 1 year from the date of this Notice of Registration:

<u>EPA Guideline Data Number</u>	<u>Guideline Descriptor</u>
830.6317	Storage Stability Study
830.6320	Corrosion Characteristics Study

- 3. Resubmit the Confidential Statement of Formula (CSF) on EPA Form 8570-4 to reflect the present registrant of Ronstar Intermediate 50% the source of oxadiazon in this pesticide product.
- 4. Give name of the present owner of the trade mark name "Ronstar" and add the omitted "Total" line of the ingredient statement.
- 5. Add the phrase "per 1000 square feet" to the 4.6 to 6.9 lbs product column in the section "Annual Weed Control during turf establishment from "Sprigs", of Bermuda grass, Zoysiagrass, and Seashore Paspalum".
- 6. Ranges of doses are given in the directions of use sections of the labeling, without telling the using public when to use the various doses within the range. Correct this by giving direction as to when to use the various dosages or revise to a single dosage.
- 7. Revise the "Read Entire Label Before Using" section with corrections of your name of record for this application. As written J. R. Simplot Co. Inc. is incorporated.
- 8. Submit one (1) copy of the final printed labeling before you release this product for shipment.
- 9. Submit and/or cite all data required for the registration of this product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of this product under FIFRA, section 4.

A Stamped copy of the label is enclosed for your records.



TURF FERTILIZER

WITH 1.00% RONSTAR®

FOR SALE TO, USE AND STORAGE BY COMMERCIAL NURSERY, TURF MANAGEMENT AND LANDSCAPE PERSONNEL. NOT FOR USE ON HOME LAWNS. FOR USE ON GOLF COURSES, NURSERIES, PARKS, SOD FARMS, ATHLETIC FIELDS, AND OTHER RECREATIONAL AND ORNAMENTAL TURFGRASS.

A Turf Fertilizer plus a Pre-emergent Weed Control Product for use on varieties of Perennial Bluegrass, Bentgrass, Bermuda grass, Buffalograss, Perennial Ryegrass, St. Augustine grass, Seashore Paspalum, Tall Fescue and Zoysiagrass. Also For Use Around Ornamental Shrubs, Vines, Trees, and Ground Covers, as listed.

EPA Reg. No. -7001- EPA EST. NO. 7001-MO-1
 ACTIVE INGREDIENT: Oxadiazon 1.00%
 OTHER INGREDIENTS: 99.00%
 100.00%

*CAS [19666-30-9] Contains RONSTAR® Herbicide. a Reg. Trademark of Aventis Corp.

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.)

FIRST AID
IF SWALLOWED - 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 by a poison control center or doctor. Do not give anything by mouth to an unconscious person. **IF IN EYES** - Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice. **IF ON SKIN** - 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**: 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. Have this product container or label with you when calling a poison control center, or doctor, or when going for treatment, **READ ENTIRE LABEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.**

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
 WARNING: Causes substantial but temporary eye injury. Wear protective eyewear (goggles, face shield or safety glasses). Causes skin irritation. Do not get in eyes, on skin or clothing. Harmful if swallowed, absorbed through the skin, or inhaled. Avoid breathing dust, or contact with skin, eyes or clothing. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling. Do not allow domestic animals to graze treated areas. Avoid contamination of feed and foodstuffs.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
 Applicators and other handlers must wear coveralls over short-sleeved shirt and short pants; chemical resistant gloves, chemical resistant footwear plus socks; protective eyewear, headgear for overhead exposure; chemical resistant apron when cleaning equipment. 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.

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. 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 apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters.

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 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. Do not apply this product through any type of irrigations system. Apply only as specified on this label.

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 and nurseries, 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) notification to workers, 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; chemical resistant (Barrier Laminate) gloves, chemical resistant footwear plus socks, protective eyewear, and chemical resistant headgear for overhead exposure.

J. R. Simplot Co.
 P.O. BOX 198- Athrop, CA 95330

ACCEPTED
 with COMMENTS
 In EPA Letter Dated
 SEP 22 2003



Label Page 1 of 3

NET WEIGHT
 50 POUNDS

3/15
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Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 7001-383

Controls Crabgrass, Goosegrass, Poa Annua, Annual Sedge and other weeds as listed, on Golf Courses, Commercial Lawns, Parks and Recreational, and Ornamental Turf.

WHERE, HOW MUCH AND WHEN TO USE ON TURFGRASS

This product may be used at full rate or as a split application in established perennial Bluegrass, Bentgrass (see restrictions), Bermudagrass, Buffalograss, Perennial Ryegrass, St. Augustinegrass, Seashore Paspalum, Tall Fescue, and Zoysiagrass turf, at apartment/condominium complexes, corporate and public parks, golf courses, sod farms, athletic fields, playgrounds, cemeteries and other ornamental and recreational turfgrass area. **Not for use on home lawns.** The turf should be free of leaves and thatch and in condition to allow granules to reach the soil surface. Know the square footage of the area to be treated and uniformly apply using a granule spreader. Do not apply to turf when it is wet. When using at full rate do not overlap spreader applications, especially on St. Augustinegrass because discoloration "streaking" damage may temporarily occur from the "doubled-up rate". See section on this label entitled; **PRECAUTIONS IN USING ON TURFGRASS** for the maximum rate for St. Augustinegrass and Bentgrass of 3 lbs. a.i. per acre which is equiv. to 6.9 lbs. of this product per 1,000 sq.ft. After application if rain is not expected within 24 hours sprinkler irrigate the treated turf with up to a 1/4 inch of water to release the herbicide for maximum weed control and quicker response from the fertilizer nutrients. This product is a pre-emergence herbicide and must be applied prior to weed seed germination. It will not control growing weeds. ****For a SPLIT APPLICATION, see the "FOR SPRING APPLICATION ON GOLF COURSES" section, for instructions on how to apply the 3 lb. or 4 lb. a.i. per acre rate as a split application.**

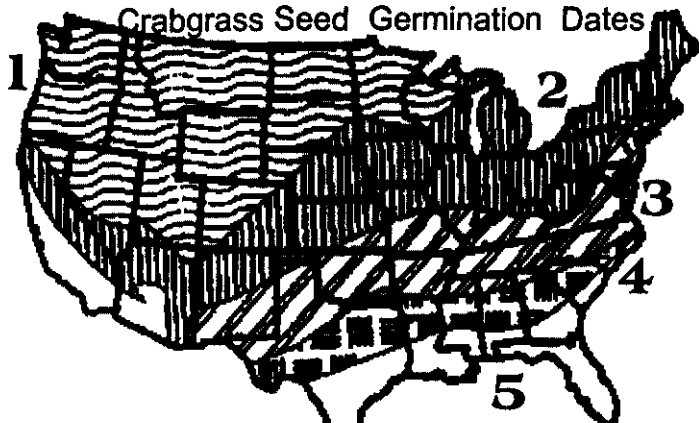
Pre-emergence Weed Control			
Weeds Controlled	lbs. a.i./Acre	lbs. of Product per 1,000 sq.ft.	Directions - Refer to Map of U.S.
Crabgrass (<i>Digitaria</i> , spp.)	2 to 4 lbs. a.i./A	4.6 to 9.2 lbs. per 1,000 sq.ft.	Apply in late winter or early spring prior to weed seed germination. See map. In areas 4 & 5 applications made after April or May, may not be fully effective.
Goosegrass (<i>Eleusine indica</i>)	200 to 400 lbs. product/acre	4.6 to 9.2 lbs. per 1,000 sq.ft.	Apply in late summer to early fall prior to weed seed germination.
Field Sandbur (<i>Cenchrus incertus</i>)	2 to 4 lbs. a.i./A	4.6 to 9.2 lbs. per 1,000 sq.ft.	Apply in late summer to early fall prior to weed seed germination.
Annual Sedge (<i>Cyperus compressus</i>)	200 to 400 lbs./a	4.6 to 9.2 lbs. per 1,000 sq.ft.	Apply in late summer to early fall prior to weed seed germination.
Annual Bluegrass (<i>Poa annua</i> spp.) (See Note Below)	4 lbs. a.i./A	9.2 lbs. per 1,000 sq.ft.	Apply in early spring prior to weed seed germination.
Virginia Buttonweed (<i>Diodia virginiana</i>)	400 lbs. product/acre	9.2 lbs. per 1,000 sq.ft.	Apply in early spring prior to weed seed germination.
Pigweed (<i>Amaranthus</i> spp.)			
Florida Pusley (<i>Richardia scabra</i>)			
Oxalis (<i>Oxalis</i> spp.)			
Stinging Nettle (<i>Urtica dioica</i>)			
Carpentergrass (<i>Axonopus officinis</i>)			

Fall Application for Spring Weed Control in Cool Season Turf
 Crabgrass, Goosegrass and other annual weeds as listed. 3 to 4 lbs. a.i./A 6.9 to 9.2 lbs. per 1,000 sq.ft.
 For use in Bluegrass, Bentgrass, Perennial Ryegrass and Tall Fescue. 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.
 Annual Bluegrass (*Poa annua* spp.) 2 lbs. a.i./A 4.6 lbs./1,000 sq.ft.
 Apply in late summer to early fall prior to *Poa annua* spp. seed germination. Any *Poa annua* spp. established when this product is applied will not be controlled. It should not be applied closer than 60 days to overseeding. Do not use where *Poa trivialis* is present in the overseed mixture. Apply the full 2 lb. rate in one application.

Annual Weed Control during turf establishment from "Sprigs" of Bermudagrass, Zoysiagrass, and Seashore Paspalum.
 Crabgrass and Goosegrass, Annual Sedge and other annual weeds. 2 to 3 lbs. a.i./A 4.6 to 6.9 lbs. product per acre
 Directions - Refer to Map of U.S. on this label. For Bermudagrass make application immediately prior to, or, immediately after sprigging. For Seashore Paspalum and Zoysia make application 10 to 14 days after sprigging. Applications made close to the time of sprigging may cause objectionable injury. Disturbance of the soil surface after application may disrupt the herbicide barrier and reduce effectiveness. For best results sprinkler irrigate the "sprigged" area with up to 1/4 inch water after application.

Crabgrass Seed Germination Dates



- 1. Mid-north & northwestern After May 20-30
- 2. Upper/mid-states & northeast After May 10
- 3. Lower mid-states After April 20
- 4. Upper southern states After Mar 20
- 5. Warm season states Jan 1 to Mar 20

NON-AGRICULTURAL USES REQUIREMENTS

The requirements of 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, and nurseries. Thoroughly wash face and hands with soap and water after exposure and before eating or smoking. Wear protective clothing including long-sleeved shirt and impervious gloves when handling. Launder exposed clothing before reuse. Do not allow entry to areas treated until dusts have settled or if watering in is required, until treated area and grass is dry.

FOR SPRING APPLICATION ON GOLF COURSES

The 3 lb. and 4 lb. active ingredient, per acre rates may be applied as a split application. Weed control and better turf management may be programmed by splitting the per acre rate of active ingredient into "two" separate applications. For example to accomplish this in region #5 (See map of U.S.). Apply 1.5 lbs. a.i. (for a required 3 lbs. a.i./acre rate) or 2 lbs.a.i. (for a required 4 lb. a.i./acre rate) as the first application 1 to 2 weeks before estimated weed seed germination or in late December or early January. Follow with the second "1/2 rate" in 60 days or the first of March. The timing for these applications should be closely programmed to the geographic region and adjusted to an "early" or "late" spring. Do not split the 2 lb. rate. The 3 lb. rate should not be split if applied to new turf areas first coming under turf management where weed pressure is expected to be heavy.

PRECAUTIONS IN USING ON TURFGRASS

For **St. Augustinegrass** and **Bentgrass** turf, DO NOT exceed the rate of 3 lbs. active ingredient per acre which is equal to 6.9 lbs. of this product per 1,000 sq.ft. DO NOT apply to **Bentgrass** turf mowed less than 3/8 inch. This product may cause discoloration of **Bentgrass**, **Bermudagrass** and **St. Augustinegrass** but this discoloration is temporary and normally outgrown within 2 to 3 weeks. Avoid contact with flowers and shrubs except as recommended elsewhere for ornamental plants on this label. DO NOT apply 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**. DO NOT use on golf course putting greens or tees because of the varying cultural practices used.

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)	variable	%
Ammoniacal Nitrogen	variable	%
Water Soluble Nitrogen	variable	%
and/or Urea Nitrogen	variable	%
Water Insoluble Nitrogen	variable	%
Available Phosphoric Acid (P ₂ O ₅) . .	variable	%
Soluble Potash (K ₂ O)	variable	%

Derived from Ammonium Sulfate, Urea, Ureaform, Muriate of Potash; Manganese as Mn %; Iron as Fe %; Chlorine < %

WEEDS CONTROLLED

- Annual Bluegrass
- Annual Sedge
- *Barnyardgrass
- Bittercress
- Carpetweed
- Carpetgrass
- Common Groundsel
- Common Purslane
- Crabgrass
- *Evening Primrose
- Fireweed
- Field Sandbur
- Foxtail; Green, Bristly
- Fall Panicum
- Florida Pusley
- *Galinsoga
- Golden Ragwort
- *Goosegrass
- **Jungle Ricegrass
- Lambsquarter
- **Liverwort
- Oxalis
- **Panama Paspalum
- Pennsylvania Smartweed
- Redroot Pigweed
- Sensitive plant
- Shepardspurse
- Sow thistle
- Speedwell-
- Spotted Catsear
- Spurge; Garden, Petty,
- **Prostrate
- Stinging Nettle
- *Swinecress
- Virginia Buttonweed
- Yellow Woodsorrel.

*For the weeds with 1 asterisk above, use 3 to 4 lbs. a.i. per acre (equal to 300 lbs. to 400 lbs. of this product per acre or 6.9 lbs. to 9.2 lbs. per 1,000 sq.ft.).

**For the difficult-to-control weeds with 2 asterisks above, use 4 lbs. a.i. / acre (equal to 400 lbs. of this product /acre or 9.2 lbs./ 1,000 sq.ft.)

NOTE: For newly seeded lawns do not apply this product until after the second cutting. For best turf management, place new grass seed in the fall. Spring pre-emergence weed control can then be applied.

SPREADER SETTINGS

The following spreader settings are for new equipment. Used, or heavily worn equipment may require adjustments. For proper setting calibration refer to the spreader manufacturer's Maintenance Manual. Do not apply this product until equipment is properly calibrated to accurately apply the desired lbs. a. i. per acre, as recommended on this label.

Spreader Settings	for 1.5 lb. a.i./Acre	for 2 lb.a.i./Acre	for 3 lb. a.i./Acre	for 4 lb. a.i./Acre
Cyclone B3-Pro	#XX	#XX	#XX	#XX
Scotts Pro R-8A	#X	#X	#X	#X

Plan on an approximate 3 mph spreader speed to obtain best coverage. Know the exact square footage before application. Incorrect application will result in poor weed control.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **STORAGE:** Store product in its original bag, in a cool, dry, locked place out of reach of children. In case of spill, sweep up, and use according to directions or dispose of as follows. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance. **CONTAINER DISPOSAL:** 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. Stay out of smoke.

READ ENTIRE LABEL BEFORE USING

Read the entire Directions for Use, Conditions, Disclaimer of Warranties, and Limitation of Liability before using this product. If the terms are not acceptable, return the unopened container at once. By using this product, user and buyer accept the following **Conditions, Disclaimer of Warranties, and Limitations of Liability.** **CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However it is impossible to eliminate all risks associated with the use of this product. 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 J. R. Simplot Co. Inc. All such risks shall be assumed by the user or buyer.

Disclaimer of Warranties: There are no warranties express or implied, of merchantability or of fitness for a particular purpose or otherwise, which extend beyond the statements made on this label. No agent of J. R. Simplot Co. Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. J. R. Simplot Co. Inc. disclaims any liability whatsoever for special, incidental, or consequential damages resulting from the use or handling of this product.

LIMITATION OF WARRANTIES: 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, or at J. R. Simplot Co. Inc. option, the replacement of the product.

FOR THE FOLLOWING EMERGENCY, PHONE 24 HOURS A DAY
TRANSPORTATION: CHEMTREC - - - - - 1-800-424-9300

J. R. Simplot Co., Inc
P.O. Box 198 - Lathrop, CA 95330

TURF FERTILIZER with 1.00% RONSTAR®

It is important to recognize that this product can be used successfully on the many ground cover plants as here listed, because certain herbicides are not recommended.

For a Wide Variety of listed Woody *Ornamental Shrubs, Vines, Trees, Landscape Plantings and for Container and Field Grown Nursery Plants.

* For use only on these plants that will not bear edible fruit within one year after application.

ESTABLISHED ORNAMENTALS and GROUND COVERS

COMMON NAME	SCIENTIFIC NAME
Abutilon	Abutilon pictum
Acacia	Acacia spp.
Agapanthus	Agapanthus africanus
Allamanda, Common	Allamanda cathartica
Andromeda	Pieris spp.
Aralia	Aralia spinosa
Arbovitae	Thuja spp.
Ash, Green	Fraxinus pennsylvanica
Azalea	Rhododendron
Baby's Breath	Gypsophila paniculata
Bald Cypress	Taxodium distichum
Bamboo, Feathery	Bambusa vulgaris
Banyan, Weeping	Ficus benghalensis
Barberry	Berberis spp.
Beefsteak Plant	Acalypha wilkesiana
Bearberry	Arctostaphylos uva-ursi
Beech, European	Fagus sylvatica
Birch, Paper	Betula papyrifera
Blanket Flower	Gaillardia aristata
Blazing Star	Liatris spicata
Boxwood, Japanese	Buxus microphylla
Boxwood, Common	Buxus sempervirens
Bougainvillea	Bougainvillea spectabilis
Brassia, Dwarf	Brassia actinophylla
Buddleia	Buddleia davidii
Bugleflower	Ajuga reptans
Callistemon	Callistemon lanceolata
Camelia, Common, Jap	Camellia japonica
Camellia, Sasanqua	Camellia sasanqua
Candytuft	Iberis sempervirens
Carissa	Carissa macrocarpa
Carnation	Dianthus caryophyllus
Ceanothus	Ceanothus americanus
Cedar, Red	Juniperus virginiana
Cedar, Atlas	Cedrus atlantica
Cistus	Cistus purpureus
Citrus, Ornamental*	Citrus paradisi
Grapefruit	Citrus limon
Lemon	Citrus aurantiifolia
Lime	Citrus reticulata
Mandarin	Citrus X Tangelo
Tangelo	Citrus reticulata var. tangerine
Tangerine	Citrus X nobilis
Temple	Citrus maxima
Cuban Shaddock	Citrus sinensis
Valencia	Citrus sinensis
Washington Navel	Citrus sinensis
Cleyera	Cleyera japonica
Coreopsis	Coreopsis lanceolata
Coronandol	Asystasia gangetica
Cotoneaster	Cotoneaster, spp.
Crabapple	Malus, spp.
Crapemyrtle	Lagerstroemia indica
Chrysanthemum	Chrysanthemum, spp.
Cypress	Cupressus, spp.
Cypress, Leyland	Cupressus leylandii
Dahlia	Dahlia, spp.
Daphne, Fragrant	Daphne odora
Deutzia, Slender	Deutzia gracilis
Dieffenbachia	Dieffenbachia, spp.
Dogwood, Common	Cornus florida
Dogwood, Redosier	Cornus stolonifera
Dogwood, Kousa	Cornus kousa
Douglas fir	Pseudotsuga menziesii
Elm	Ulmus, spp.
Escallonia	Escallonia, spp.
Eucalyptus	Eucalyptus, spp.
Euryops, Gray Leaved	Euryops pectinatus
Eunymus, Spreading	Eunymus klanthavicus
Eunymus, Wintercreeper	Eunymus fortunei
Falscycpress, Hinoki	Chamaecyparis obtusa
Falscycpress, Japanese	Chamaecyparis pisifera
Flowering Quince	Chaenomeles speciosa
Forsythia	Forsythia intermedia
Gardenia	Gardenia jasminoides
Gazania Trailing	Gazania uniflora
Ginko	Ginkgo biloba
Glaadiolas	Glaadiolas, spp.
Golden Raintree	Koeleruteria paniculata
Heath, Spring	Erica cornea
Heather, Scotch	Calluna vulgaris
Heliotropium	Heliotropium arborescens
Hemlock, Canada	Tsuga canadensis
Hibiscus	Hibiscus, spp.
Honeysuckle	Lonicera, spp.
Holly	Ilex, spp.
Ice Plant	Carpobrotus edule
Ilma	Sida fallax
Ivy, Algerian	Hedera canariensis
Ivy, English	Hedera helix
Jasminc, Orange	Murraya paniculata
Jasminc, Primrose	Jasminum mesnyi
Jasminc, Star	Trachelospermum jasminoides
Jasminc, Showy	Jasminum floridum
Juniper	Juniperis, spp.
Justica	Justica brandegeana
Kwanzan Cherry	Prunus serrulata
Lamb's Ear	Stachys byzantina
Lantana, Trailing	Lantana montivdensis
Lapalapa	Cheirodendron, spp.
Larch, European	Larix decidua
Laurel, English	Prunus laurocerasus
Leopards - Bane	Doronicum cordatum
Leucothoe, Coast	Leucothoe axillaris
Leucothoe, Drooping	Leucothoe fontanestii

ESTABLISHED ORNAMENTALS and GROUND COVERS Continued

COMMON NAME	SCIENTIFIC NAME
Lily of the Nile	Agapanthus umbellatus
Lilac	Syringa, spp.
Littleleaf Linden	Tilia cordata
Loquat	Eriobotrya japonica
Magnolia	Magnolia, spp.
Mahonia, Grape Holly	Mahonia aquifolium
Maple	Acer, spp.
Metallic Plant	Hemigraphis colorata
Mexican Orange	Cholista temata
Mock Orange	Philadelphus virginialis
Money Tree	Pleomele marginata
Murraea	Murraea exotica
Murraea	Murraea paniculata
Myoporum	Myoporum laetum
Myrtle	Myrtus communis
Nandina	Nandina domestica
Oak	Quercus, spp.
Ochana	Ochana serrulata
Ohai	Samaneca saman
Oleander	erium oleander
Orthosiphon	Orthosiphon stamineus
Osmanthus	Osmanthus heterophyllus
Pachysandra	Pachysandra terminalis
Palm, Bamboo	Rhapi excelsa
Palm, Fishtail	Caryota, spp.
Palm, Licuala	Licuala Thunb. spp.
Palm, Macarthur	Ptychosperma macarthur
Palm, Mabnee	Euterpe, spp.
Palm, Manila	Veitchia merillii
Palm, Parlor	Colinia elegans
Palm, Rattan	Daemonorops, spp.
Palm, Scaling Wax	Cyrtostachyus lakka
Palm, Sugar	Arenga sacchanifera
Paperbark Tree	Melaleuca leucadendra
Peony	Paeonia, spp.
Periwinkle, Common	Vinca minor
Periwinkle, Large	Vinca major
Photinia, Frasers	Photinia fraseri
Polcniana	Doliox regca
Pine	Spp.
Pittosporum, Japanese	Pittosporum tobira
Plum, Natal	Carissa macrocarpa
Podocarpus, Yew	Podocarpus macrophyllus
Pomegranite	Punica granatum
Poplar	Populus spp.
Potentilla	Potentilla fruticosa
Potentilla	Potentilla fragiformis
Privet	Ligustrum, spp.
Privet species	Banksia menresii
Pyracantha	Pyracantha coccinea
Raphiolepis	Raphiolepis umbellata
Redwood, Dawn	Melaleuca gyptostrobodes
Rhododendron	Rhododendron spp.
Rose, spp.	Rose, spp.
Russian Olive	Elaeagnus angustifolia
Sargent Cherry	Prunus sergentii
Scotch Broom	Cytisus scoparius
Sedum	Sedum album
Serviceberry, Saskatoon	Amelanchier alnifolia
Spruce	Picea, spp.
St. Johnswort, Golden	Limonium, spp.
St. Johnswort, Goldcenc	Hypericum frondosum
Strawberry Tree	Hypericum patulum
Sumac, Staghorn	Arbutus unedo
Sweet William	Rhus typhina
Syzygium	Dianthus barbatus
Trailing African Daisy	Syzygium paniculatum
Viburnum	Osteospermum fruticosum
Wedelia	Viburnum, spp.
Wisteria, chinese	Wedelia trilobata
Witchhazel, common	Wisteria sinensis
Woadwaxen, common	Hamamelis virginiana
Wooly Thyme	Genista tinctor
Xylosma	Thymus pseudolanugrostis
Yew	Xylosma congestu
	Taxus, spp.

WHERE, HOW MUCH, AND WHEN TO USE AROUND ORNAMENTALS

Can be applied anytime of the year prior to weed seed germination to both newly transplanted and established actively growing or dormant ornamental plants where both weed control and fertilization is desired. Rainfall or overhead irrigation will improve weed control activity. Do not mix into soil. Disturbing or cultivating the soil after treatment may reduce weed control. Do not apply granules to wet foliage or under conditions in which granules will collect on leaves, if so, sprinkler-irrigate the plants to move granules off foliage and down to soil level. Do not apply in greenhouses as plant injury may likely result. Use the higher application rates for areas that have a history of heavy weed pressure. For best weed control around ornamentals first remove any existing weed growth and if possible rake, cultivate and smooth the soil surface by breaking-up clumps. Broadcast the granules evenly over the prepared soil by applying 2 lbs. to 4 lbs. active ingredient per acre, equal to 200 to 400 lbs. of this product /acre or 4.6 to 9.2 lbs. per 1,000 sq.ft. (mat10p3of3sub.p65 101-19-01)

NEWLY TRANSPLANTED ORNAMENTALS AND GROUND COVERS

COMMON NAME	SCIENTIFIC NAME
Blanket Flower	Gaillardia aristata
Brassia, Dwarf	Brassia actinophylla
Camellia	Camellia japonica
Carnation	Dianthus caryophyllus
Cedar, Red	Juniperus atlantica
Coronandol	Asystasia gangetica
Dogwood, Flowering	Cornus florida
Elm	Ulmus, spp.
Forsythia	Forsythia intermedia
Gazania, Trailing	Gazania uniflora
Hackberry	Celtis occidentalis
Ivy, Algerian	Hedera canariensis
Ivy, English	Hedera helix
Hemlock, Canada	Tsuga canadensis
Holly	Ilex, spp.
Ice Plant	Carpobrotus edule
Juniper	Juniperus, spp.
Leopards - Bane	Doronicum cordatum
Metallic plant	Hemigraphis colorata
Oak	Quercus, spp.
Periwinkle, Common	Vinca minor
Periwinkle, Large	Vinca major
Pine	Pinus, spp.
Poplar	Populus, spp.
Privet	Ligustrum, spp.
Privet Species	Banksia menresii
Rhododendron	Rhododendron, spp.
Russian Olive	Elaeagnus angustifolia
Spruce	Picea, spp.
Trailing African Daisy	Osteospermum fruticosum
Wedelia	Wedelia trilobata
Wisteria, Chinese	Wisteria sinensis
Yew	Taxus, spp.

FOREST NURSERY APPLICATION

COMMON NAME	SCIENTIFIC NAME
Pine, Loblolly	Pinus, taeda
Pine, Eastern White	Pinus, strobus
Pine, Slash	Pinus, canbaea

SENSITIVE PLANTS

Under certain growing conditions, the plant varieties listed below may be sensitive to this product. Growers should evaluate usage on a small scale prior to large scale applications.

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

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NET WEIGHT 40; (50) POUNDS