

7001-385

09-07-2010

8



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

SEP - 7 2010

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Ms. Lisa J. Strong
J.R. Simplot Company
PO Box 198
Lathrop, CA 95330

Subject: Notification - Revised Container Disposal Instructions per PR Notice 2007-4 and Updated Warranty Statement in Accordance with EPA Label Review Manual (LRM).
Turf Fertilizer with 0.40% Barricade
EPA Reg. No. 7001-385
Your Application Dated July 26, 2010

Dear Ms. Strong:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 for the subject product.

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label changes requested fall within the scope of PRN-2007-4. RD has also determined that changes made to the Warranty statements are consistent with Agency guidance in the LRM. 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 identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please call me directly at (703) 305-1243 or Susan Stanton of my staff at (703) 305-5218.

Sincerely,

Susan L. Stanton, for
Kathryn Montague, Product Manager 23
Herbicide Branch
Registration Division (7505P)
Office of Pesticide Program



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

1. Company/Product Number 7001-385	2. EPA Product Manager Kathryn Montague	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Turf Fertilizer with 0.40% Barricade	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) J.R. Simplot Company PO Box 198 Lathrop, CA 95330 <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 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.

NOTIFICATION
SEP 07 2010

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

NOTIFICATION OF LABEL CHANGES per PR Notice 2007-4 and Label Review Manual Chapter 12, Warranty and Disclaimer statements. This notification is consistent with the guidance in PR Notice 2007-4 and Label Review Manual Chapter 12, Warranty and Disclaimer Statements and the requirements of EPA's regulations at 40 CFR §§156.10, 156.140, 156.144, 156.146, and 156.16. No other changes have been made to the labeling of the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§156.10, 156.140, 156.144, 156.146, and 156.16, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:						2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				<input checked="" 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 <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container			4. Size(s) Retail Container 50 lb. bag		5. Location of Label Directions <input type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product		
6. Manner in Which Label is Affixed to Product Label placed in plastic sleeve				<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input checked="" type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Lisa J. Strong	Title Regulatory	Telephone No. (Include Area Code) 209-858-2511
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.		6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory	
4. Typed Name Lisa J. Strong	5. Date July 26, 2010	

AGRIBUSINESS

July 26, 2010

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

ATTN: Ms. Kathryn Montague
Product Manager (23), Herbicide Branch

RE: Turf Fertilizer with 0.40% Barricade
EPA Reg. No. 7001-385 387-20-141-0302

Dear Ms. Montague:

Pesticide Container language as outlined in PR-Notice 2007-4 has been added to the subject label and is being submitted as a Notification on behalf of Plant Health Technologies a business unit of J.R. Simplot Company.

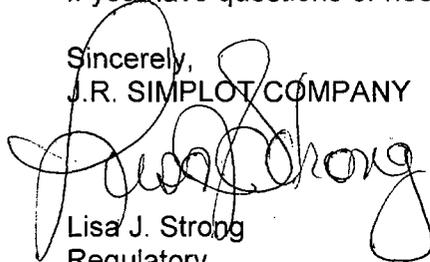
By Notification we are also updating the Conditions of and Sale of Warranty statement on this label, with the addition of the term "To the extent consistent with applicable law" which follows the Label Review Manual, Chapter 12, IX Warranty and Disclaimer Statements.

The following documents are enclosed:

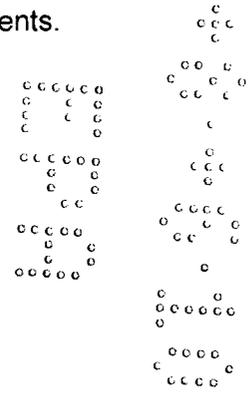
- 1. EPA Form 8570-1 Application for Pesticide.
- 2. One copy of the label with the revisions highlighted.

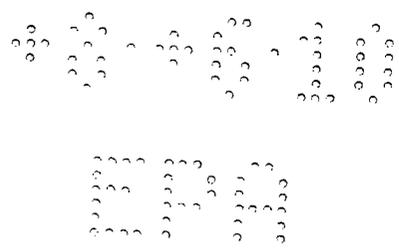
If you have questions or need additional information please contact me.

Sincerely,
J.R. SIMPLOT COMPANY



Lisa J. Strong
Regulatory





Turf Fertilizer with **0.40% Barricade®**

For Preemergence Control of Weed Grasses and Broadleaf Weeds in all Established Turf Grasses, Lawns, Golf Course Fairways, and Sod Farms, (not for putting greens). Use for Preemergence Weed Control Around Landscape Ornamentals Including Established Perennials and Wildflower Plantings.

NOTIFICATION
SEP 07 2010

ACTIVE INGREDIENT:

Prodiamine*.....0.40%

OTHER INGREDIENTS:.....99.60%

TOTAL.....100.00%

*CAS (2909-21-2)

EPA Reg. No. 7001-385

EPA Est. No. 61842-CA-1

Barricade® is a Reg. Trademark of Syngenta.

**KEEP OUT OF REACH OF CHILDREN
CAUTION****NOTIFICATION**

GUARANTEED FERTILIZER ANALYSIS:

SEP 07 2010

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS and DOMESTIC ANIMALS**

CAUTION: Causes moderate eye injury (irritation). Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Prolonged or frequent repeated skin contact while handling the material may cause allergic reaction in some individuals.

FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none"> • Call a Poison Control Center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after 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 to 20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. • Call a poison control center 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. You may also call the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment advice.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicator and other handlers must wear long-sleeved shirt and long pants; chemical resistant gloves; shoes plus socks; a dust mask and protective eyewear. Follow manufacturer's instructions for cleaning/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 product has low solubility in water. At the limits of solubility, this product is not toxic to fish. However at concentrations above the level of water solubility, it may be toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. 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.

READ ENTIRE LABEL BEFORE USING**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on the 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) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (sod farms, commercial nurseries).

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 gloves, such as butyl rubber > 14 mils or natural rubber >14 mils or Nitrile rubber >14 mils.
- Shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements of this box apply to use 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, or nurseries. Applicators and handlers should wear long-sleeved shirt, long pants, chemical resistant gloves, shoes with socks, and protective eyewear. Thoroughly wash face and hands with soap and water after exposure and before eating or smoking. Launder exposed clothing before reuse. Do not allow reentry to treated areas until dusts have settled and the turf grass or soil is dry.

CRABGRASS SEED GERMINATION DATES

Approximate Dates	
1. Mid-north & northwestern	After May 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

This product is a turf fertilizer and a preemergence herbicide that provides residual control of many grass and broadleaf weeds in established turf grasses, golf courses (excluding putting greens), for sod farms, and lawns, and around landscape ornamentals, established perennials and wildflower plantings. It controls susceptible weeds by inhibiting weed seed germination and root development. Most effective weed control will be obtained when this product is activated by at least 1/2 inch of rainfall, irrigation, or shallow (1 to 2 inches) incorporation, prior to weed seed germination and within 14 days following application. Do not graze or feed livestock forage cut from areas treated with this product. Do not apply aerially. Do not apply to golf course putting greens. Failure to follow the directions for use and precautions on this label may result in poor weed control.

APPLICATION DIRECTIONS

Apply uniformly with suitable calibrated application equipment. Do not apply otherwise.

ESTABLISHED TURF

This product is a preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds listed below in established turf grass and lawns. The maximum amount of material that may be applied per year is given for each turf grass species in the Maximum Annual Rates Chart of this label. Most effective weed control in turf grasses will be obtained when this product is activated by at least 1/2 inch of rainfall or irrigation prior to weed seed germination and within 14 days following application. See the map for approximate crabgrass seed germination dates.

USE PRECAUTIONS

The following precautions apply to the use of this product in turf grasses and lawns: (1) Application of this product may thin emerged annual bluegrass and newly overseeded grasses. (2) Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil, not thatch plus soil. (3) Do not cut (harvest) treated sod before 120 days after application. Do not apply to newly set sod until the following year. (4) Application to turf stressed by drought, low fertility, or pest damage may result in turf injury. (5) Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control. (6) Do not apply this product to putting greens, or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species.

RATES OF APPLICATION

This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. All applications must be made prior to germination of the weeds listed below. This product will not control established weeds. Maximum use rate selection should be based on turf species. The length of time of "residual preemergence weed control" provided by this product is related to the rate applied.

Maximum Annual Rates Chart

This product is recommended for use on the turf grass species listed in the following chart. Do not exceed the maximum yearly rate as given in this chart.

(1) Maximum application rate of this product per calendar year by turf grass species.

Turf Species	Lbs. Product / Acre	Lbs. Product / 1,000 Sq. ft.	Lbs. A.I./Acre
Creeping Bentgrass	162 lbs.	3.72	0.65 lb.
Creeping Red Fescue	187 lbs.	4.29	0.75 lb.
Buffalograss	250 lbs.	5.74	1.00 lb.
Kentucky Bluegrass	"	"	"
Perennial Ryegrass	"	"	"
Bermudagrass (2)	375 lbs.	8.6	1.50 lbs.
Bahiagrass	"	"	"
Centipedegrass	"	"	"
Seashore Paspalum	"	"	"
St. Augustinegrass	"	"	"
Tall Fescue (including turf type)	"	"	"
Zoysia	"	"	"

CRABGRASS SEED GERMINATION DATES



APPROXIMATE DATES:

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

(1) These are the maximum rates per calendar year by species limitations.

(2) May be used on newly-sprigged or plugged Bermudagrass at rates not to exceed 130 lbs./A. Newly-sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of Foxtail, Goosegrass and Rescuegrass due to reduced product rates used in sprigging situations.

• Do not apply more than 375 lbs. of this product to the same area per calendar year.

• Use higher rates of this product to achieve higher levels of fertility and longer periods of weed control for each turf type, but do not exceed the maximum application rates specified in the Maximum Annual Rates Chart.

WEEDS CONTROLLED

When used in accordance with this label, this product will provide control of the following weeds: Barnyardgrass, Bluegrass, Annual (*Poa Annua*) Carpetweed, Chickweed, Common Chickweed, Mouseear (from seed), Crabgrass (Large, Smooth), Crowfootgrass, Cupgrass Woolly, Foxtails, Annual, Goosegrass (1), Henbit, Itchgrass, Johnsongrass (from seed), Junglerice, Knotweed, Kochia, Lambsquarter, Common, Lovegrass, Panicum (Texas, Fall, Browntop); Pigweed; Purslane, Common; Pusley, Florida, Rescuegrass. (3), Shepherd's purse (2); Signalgrass, Broadleaf; Speedwell, Persian Sprangletop, Spurge, Prostrate; Witchgrass; Woodsorrel, Yellow (from seed).

(1) In many areas a single application of 162 to 375 lbs. per acre will control goosegrass. However under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained by making an initial application of 162 to 250 lbs. per acre followed after 60 to 90 days by a second application at doses that would not exceed those given in the Maximum Annual Rates Chart. Do not exceed the maximum rate for turf grass species listed in the Maximum Annual Rates Chart on this label.

(2) Application for Shepherd's purse should be made in late summer, fall, or winter prior to germination.

(3) Suppression only of rescuegrass. Sequential application may be made so long as the total amount of product applied does not exceed the maximum annual application rates recommended for each turf species. All applications must be made prior to germination of the weed seeds.

WHEN TO: APPLY AFTER OVERSEEDING TURF

Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil, not thatch or top soil.

WHEN TO: OVERSEED AFTER APPLICATION

This product will inhibit the germination of turf species if overseeded too soon after application. Follow rates and intervals in the table below for best overseeding and/or reseeding results.

Product Rate Lbs./Acre	Lbs. Product/ 1,000 Sq. ft.	Months Before Overseeding			
		A. I./Acre	North	Transition	South
125	2.87	0.50	4	4	4
162	3.72	0.65	5	4	4
187	4.29	0.75	6	5	5
200	4.59	0.80	-	6	6
250	5.74	1.00	-	7	7
267	6.59	1.15	-	-	9
325	7.46	1.30	-	-	10
375	8.60	1.50	-	-	12

Application Equipment and Spreader Settings

The size and bulk density of granules in this product may vary; therefore, calibrate your granular applicator prior to application of this product. Follow directions in the owner's manual for calibrating your spreader. The settings indicated in the following table should only be used as a guide in calibrating your spreader.

SPREADER SETTINGS

Lbs of AI per acre	1/2 lb	3/4 lb	1 lb
Lbs of Product / 1,000 sq. ft.			
Spreader			

LANDSCAPE ORNAMENTALS INCLUDING ESTABLISHED WILD FLOWER PLANTINGS

This product may be applied for residual preemergence weed control in Ornamentals as listed.

Use Rates

Apply at 162 to 375 lbs. per acre (3.72 lbs. to 8.61 lbs. per 1,000 sq. ft.) of landscape plants, in fall and/or spring. Use the higher rates of application for longer control periods. Sequential application may be made so long as the total amount of product applied does not exceed the maximum annual application rate of 375 lbs. per acre.

Application Timing and Information

Apply uniformly to the surface of the soil in ornamental planting beds with a granular applicator. Calibrate your applicator to assure appropriate dosage as described above under "Use Rates", prior to application. Calibrate your applicator as described in the owner's manual. The bulk density of this product may vary; therefore, to assure that the product is applied at the rates described, you must use a calibrated applicator. This product is a preemergence herbicide and will not control emerged weeds. Most effective weed control in ornamentals will be obtained when this product is activated by at least 1/2 inch of rainfall or irrigation, or with shallow (1 to 2 inches) mechanical incorporation, prior to weed seed germination and within 14 days following application. Best weed control is obtained when this product is applied to soil free of clods, weeds, and debris such as leaves. Prior to application of this product, control existing vegetation by hand weeding, cultivation, or the use of an appropriate postemergence herbicide.

Established Landscape Ornamentals

This product may be applied to established ornamentals as a broadcast, over-the-top, or directed application. Irrigation or rainfall soon after application will wash residues off plant foliage and activate this product in the soil.

Newly Transplanted Landscape Ornamentals

This product may be applied to newly transplanted ornamentals as a broadcast, over-the-top, or directed application. Delay application to allow soil to settle around new transplants and water thoroughly before applying this product. Apply after cuttings form roots and become established. Apply before budding/grafting or after buds/grafts have taken to avoid any inhibition of the tissue union. Irrigate after application as directed above.

Tolerant Ornamental Species

This product will not harm most trees, shrubs, vines and flowers. The species listed here are tolerant to this product. Best results will be obtained when this product is uniformly applied to the soil surface. Avoid applying to ornamental shoots which may defeat the effort to get uniform distribution on the soil surface. This product may be applied over-the-top of these species. When plants are under stress (such as heat, drought, or frost damage) some cultivars of listed plants may be sensitive to this product.

For Use Around Landscape Ornamentals, Including Established Perennials And Wildflowers, As Listed.

Abelia: Sherwood *Abelia grandiflora*; **Adam's Needle,** *Yucca filamentos*; **Agapanthus** *orientalis*; **Aleppo Pine** *P. halepensis*; **Almond,** **Apricot,** **Nectarine,** **Peach,** **Plum and Prune*** *Prunus sp.**; **American Arborvitae** *Thuja occidentalis*; **American Dogwood** *C. stolonifera*; **American Holly** *I. opaca*; **Amur Privet** *L. amurensis*; **Aquilegia:** **Red and Gold** *Aquilegia sp.*; **Arrowwood Viburnum** *V. suspensum*; **Aster:** **Bonny Blue,** **Purple Dome** *Aster sp.*, *Aster X Frikarti*; **Australian Brushcherry** *Syzygium paniculatum*; **Austrian Pine** *P. nigra*; **Avocado*** *Persea Americana*; **Baby's Breath** *Gypsophila repens*; **Barberry B. juliana; **Bearberry Cotoneaster** *C. dammeri*, *Bergenia cordifolia*; **Bigleaf Hydrangea** *Hydrangea macrophylla*; **Black-Eyed Susan;** **Goldstrum** *Rudbeckia sp.*; **Border Forsythia** *Forsythia intermedia*; **Bougainvillea** *Bougainvillea spp.*; **Bradford Pear sp.** *Pyrus sp.*; **Burgundy Loropetalum** *chinense*; **Butterfly-Bush (Dwarf Blue);** **Royal Red** *Buddleia davidii*; **Calabrian Pine** *Pinus brutia*; **Canada Hemlock** *Tsuga canadensis*; **Canary Island Pine** *P. canariensis*; **Canary Island Viburnum** *V. rigidum*; **Cape Weed** *Arctotheca calendula*; **Cardinal Flower,** **Indian Pink** *Lobelia Cardinalis*, *Ceratostigma plumbagonoides*; **Cheddar Pink** *D. gratianopolitanus*; **Chinese Hibiscus** *Hibiscus rosa-sinensis*; **Chinese Holly** *Ilex cornuta*; **Chinese Juniper;** **Nick's Compact,** **Parsonii** *Juniperus chinensis*; **Chinese Privet;** **Variiegata** *Ligustrum sinense*; **Citrus species*** *Citrus spp.*; **Cleyera** *Cleyera japonica*; **Common Periwinkle,** **Vinca** *Vinca minor*; **Coneflower,** **Purple;** **Magnus** *Echinacea purpurea*; **Cooperi Pink** *Delosperma sp.*; **Coral Bells,** **Delaware Valley White,** **Flame Creeper,** **Formosa,** **Girard Crimson,** **George L. Tabor,** **Hino-crimson,** **PJM,** **Roseum Elegans,** **Wakeiebisu,** **White Gumbo** *Rhododendron (including Azalea)*; **Coreopsis (Calliopsis):** **Early Sunrise,** **Moonbeam** *Coreopsis sp.*; **Cotoneaster** *C. buxifolius*; **Crabapple*** *Malus sp.**; **Cranberry Bush V. trilobium;** **Cranberry Cotoneaster** *Cotoneaster apiculatus*; **Cranesbill** *Geranium cinereum*; **Crape Myrtle** *Indica Lagerstromia indica X;* **Crape Myrtle:** **Tuscarora** *Fauriei*; **Creeping Juniper** *J. horizontalis*; **Daylily:** **Aztec Gold,** **Stella De Oro,** **Tender Love** *Hemerocallis sp.*; **Dianthus:** **Maiden Pinks "Zing"** *Dianthus deltoids*; **Douglas Fir**** *Pseudotsuga menziesii***; **Dragonhead,** **False:** **Vivid** *Physotegia Virginiana*; **Eastern White Pine** *P. strobes*; **Edelweiss** *Leontopodium alpinum*; **English Ivy** *Hedera helix*; **English Laurel** *Prunus laurocerasus*; **False Cypress** *Chamaecyparis pisifera*, *Chrysanthemum nipponicum*; **Feathery Cassia** *Cassia artemisoides*; **Fibrous Begonia:** **Hardy Grandis** *Barberry Begonia sp.*; **Fir species ** (Balsam, Fraser, Noble, etc.)** *Abies spp.*; **Firethorn** *P. fortuneana*; **Firethorn** *P. koidzumii*; **Firethorn (Scarlet)** *Pyracantha coccinea*; **Five-Leaf or Chocolate Vine** *Akebia quintata*; **Flower Scabiosa** *sp.*; **Flowering Dogwood** *Cornus florida*; **Fountain Grass (Dwarf)** *Pennisetum setaceum*; **Frasier's Photinia (Redtip)** *Photinia fraseri*; **Gaillardia,** **Blanket Flower:** **"Goblin"** *Gaillardia sp.*; **Gardenia,** **Cape-Jasmine,** **Radicans** *Gardenia jasminoides*, *Gaura sp.*; **Gentian** *Gentiane dahurica*; **Germanier** *Teucrium sp.*; **Gladiolus species**** *Gladiolus spp.***; **Glossy Privet (Waxleaf)** *L. lucidum*; **Grape*** *Vitis sp.**; **Greater Periwinkle,** **Vinca** *Vinca major*; **Greenstem Forsythia** *F. viridissima*; **Hawthorn** *Creataegus spp.*; **Heavenly Bamboo** *Nandina domestica*; **Holly I. pernyi;** **Hop Bush** *Dodonea viscosa*; **Hosta,** **"Searsucker"** *H. Sieboldiana*, *Houttuynia cordata var. variegata*; **Hosta,** **Plantain Lily (Fragrant)** *Hosta***

pop bush *Dodonaea viscosa*; *Hosta*; *Bearsucker* *A. sieboldiana*; *Platanus coronata* var. *variegata*; *Hosta*; *Plantaginea*; *Hottentot Fig (Ice Plant)* *Carrhotrus edulis*; *Ice Plant* *Maleophora luteola*; *Indian Hawthorn* *Raphiolepis indica*; *Iris species***
*Iris spp.***; *Italian Cypress* *Cupressus sempervirens*; *Japanese Anemone* *Anemone hybrida*; *Japanese Aralia* *Fatsia japonica*; *Japanese Aucuba* *Aucuba japonica*; *Japanese Barberry* *B. thunbergii*; *Japanese Black Pine* *P. thunbergiana*; *Japanese Boxwood* *Buxus microphylla*; *Japanese Holly*: *Helleri* *I. crenata*; *Japanese Honeysuckle* *Lonicera japonica*; *Japanese Maple* *Acer palmatum*; *Japanese Privet* *L. japonicum*; *Japanese Snowball* *V. plicatum*; *Japanese Spindle Tree (Evergreen Euonymus)* *E. japonica*; *Japanese Viburnum* *Viburnum japonicum*; *Japanese Yew* *Podocarpus macrophyllus*; *Japanese Yew* *Taxus cuspidata*; *Kiwi** *Actinidia chinensis**; *Lady Bank's Rose* *Rosa banksiae*; *Lady Fern*: *Fern Lady* *Athrium Filiz-femina*; *Lady's Leek*, *Nodding Onion* *Allium cernuum*; *Larkspur*: *Blue Elf* *Delphinium sp.*; *Laurustinus* *V. tinus*; *Lavender*; *Monstead* *Lavender sp.*; *Leatherleaf Viburnum* *V. wrightii*; *Lily*; *Jazz Big Blue Lily*; *Turf Lillium sp.*; *Lily-of-the-Nile (African Lily)* *Agapanthus africanus*; *Lily-of-the-Valley Bush* *Pieris japonica*; *Liriope*, *Creeping Liriope* *Liriope spicata*; *Liriope*, *Variegated Liriope* *Muscari var. variegata*; *Loblolly Pine* *P. taeda*; *Longleaf Pine* *P. palustris*; *Loosestrife*: *Modern Pink* *Lythrum sp.*; *Lucifer* *Crocasmia sp.*; *Magnolia species*** *Magnolia spp.***; *Mallow*: *Disco Belle White* *Hibiscus sp.*; *Meadow Rue* *Thalictrum dipterocarpum*; *Mentor Barberry* *B. mentorensis*; *Mondo Grass* *Ophiopogon japonicus*; *Monterey Pine* *P. radiata*; *Narcissus species*** *Narcissus spp.***; *Norway Maple* *A. platanoides*; *Oak species* *Quercus spp.*; *Oak*, *Shumard's Red* *Quercus shumardii*; *Old Fashioned Weigela* *Weigela florida*; *Oleander* *Nerium oleander*; *Olive** *Olea europea**; *Osmanthus (False Holly)*: *Gulf Tide* *Osmanthus heterophyllus*; *Pampas Grass* *Cortaderia selloana*; *Parsoni J. davorica*, *Perovskia atriplicifolia*; *Pistachio** *Pistachio sp.**; *Pittosporum* *P. tobira*; *Queensland Pittosporum* *Pittosporum rhombifolium*; *Rockspray Cotoneaster* *C. microphyllus*; *Rose of Sharon*** *Hibiscus*; *Rosemary** *Rosmarinus officinalis**; *Santolina* *Santolina virens*; *Saxifrage*; *Purple Dome Pincushion* *Saxifraga sp.*; *Scotch Heather* *Calluna vulgaris*; *Scotch Pine* *P. sylvestris*; *Shore Juniper*; *Blue Pacific Juniper*; *Shrimp Plant* *Justicia brandegeana Lagerstromia*; *Siberian Iris*; *Cabernet Iris* *Iris siberica*; *Silver Mound*; *Evergreen Giant Liriope muscari*; *Silverberry* *Elaeagnus pungens*; *Slash Pine* *P. elliotii*; *Snowbank* *Boltonia asteroides*; *Sourwood* *Oxydendrum arboreum*; *Spanish Bayonet*, *Yucca* *Yucca aloifolia*; *Spirea*: *Anthony Waterer* *Spirea bumalda*; *Spreading Euonymus* *E. kiautschovica*; *Spruce species*** (*Colorado Blue*, *Norway*, etc.) *Picea spp.***; *Star Jasmine* *Trachelospermum asiaticum*; *Stoncrop* *Sedum album*; *Stoncrop* *Sedum dasphyllum*; *Stoncrop*; *Dragon's Blood* *Sedum spurium*; *Stoncrop*; *Lidakense* *Sedum cauticola*; *Sunrose* *Hellanthemum sp.*; *Sweet Viburnum* *V. odoratissimum*; *Sword-Leaved Iris*; *Jodlesong* *Iris ensata*; *Tatarian Honeysuckle* *L. tatarica*; *Trailing African Daisy* *Osteospermum fruticosum*; *Tree Peony* *Paeonia suffruticosa*; *Trumpet Creeper*, *Trumpet Flower*, *Madame Galen* *Campis X Tagliabuana*; *Tulip species* *Tulipa spp.*; *Tussock Bellflower (White Clips)* *Campanula carpatica*; *Veronica*, *Speedwell*; *Sunny Border* *Veronica sp.*; *Vine Hill Manzanita* *Arctostaphylos densiflora*; *Virginia Pine* *P. virginiana*; *Walnut** *Juglans sp.*; *Warty Barberry* *B. verruculosa*; *Weeping Bottlebrush* *Callistemon viminalis*; *Weeping Forsythia* *F. suspense*; *Weeping Lantana* *Lantana montevidensis*; *White Trailing Ice Plant* *Delosperma alba*; *Wild Licorice* *Ceanothus rigidus*; *Winter Jasmine* *Jasminum uditiflorum*; *Wintercreeper* *Euonymus fortunei*; *Wintergreen* *Berberis gladiolifolia*; *Wormwood*; *Silver Mound*, *Castle* *Artemisia sp.*; *Yaku Jima*, *Silberfeder* *Miscanthus sinensis*; *Yarrow*: *King Edward* *Achillea sp.*; *Yaupon Holly*; *Schillings* *I. vomitoria*, *Inula ensifolia*; *Yedda Hawthorn* *Raphiolepis umbellata*; *Yew* *T. media*. *Do not use on food producing trees, vines, or plants. **Not for use on container grown plants.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store in original container away from other fertilizer, feed, or foodstuffs and separated from other pesticides. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** (Nonrefillable container. Do not reuse or refill this container.) Completely empty bag into application equipment. (Offer for recycling, if available.) If product is spilled sweep up and use as per label instructions or dispose of as indicated above.

CONDITIONS OF SALE AND WARRANTY

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 Company. (To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.)

Disclaimer of Warranties: (To the extent consistent with applicable law, 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 Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein.)

(To the extent consistent with applicable law, J.R. Simplot Company disclaims any liability whatsoever for special, incidental, or consequential damages resulting from the use or handling of this product.)

LIMITATION OF WARRANTIES: (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, or at J.R. Simplot Company's option, the replacement of the product.)

{OPTIONAL DESCRIPTIVE FIRST PARAGRAPH STATEMENT}

0.20% Dimension* Is A Herbicide That Provides Control Of Listed Annual Grasses and Broadleaf Weeds In Ornamental Landscape Areas, Established Lawns And Ornamental Turf, Including Golf Course Fairways, Putting Greens, Roughs And Tee Boxes. This product also provides post-emergent crabgrass control up to the 4-leaf stage.

{OPTIONAL GENERAL INFORMATION STATEMENT FOR TURF USE}

GENERAL INFORMATION FOR TURF USE

This product is a herbicide that provides control of crabgrass and other annual grasses and broadleaf weeds in established lawns and ornamental turfs including golf course fairways, putting greens, roughs and tee boxes. This product also provides post-emergent crabgrass control up to the 4-leaf stage. This product will not harm nearby established ornamentals when used according to label directions.

{OPTIONAL USE SITE AND DIRECTIONS (PRECAUTIONS) UNDER TURF DIRECTIONS FOR GOLF COURSE PUTTING GREENS}

Golf Course Putting Greens

- Putting greens should be well drained and managed to promote the development of deep rooting systems. The use of this product on greens without good root development may result in undesirable turfgrass injury.
- Application of this product to overseeded greens should be made less than four weeks before the transition period from overseeded turfgrass back to established turfgrass.
- Do not apply this product to golf course putting greens that are under stress. High temperatures cause stress to greens increasing the risk of turfgrass injury. Do not use this product if Poa annua cover is desirable.
- Use of this product on 'Tifgreen' (328) hybrid bermudagrass greens may result in undesirable turfgrass injury.
- DO NOT apply this product to Colonial bentgrass greens.
- For additional margins of turfgrass safety on greens and where consistent with local use guides, consider the use of split applications (maintain at rates equal to one-half of the Program 3 single application use rate recommended for your region in Table 1 on this label) spaced 6-8 weeks apart.
- DO NOT use this product on Putting Greens that have been treated within four weeks with a plant growth regulator.
- DO NOT apply this product in the fall before covering greens for winter protection.
- Properly calibrate application.

This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. Proposition 65, the Safe Drinking Water and Toxic Enforcement Act of 1986, requires notification of potential exposure to substances identified by the State of California as causing cancer, birth defects or other reproductive harm.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-jr.com>



J. R. SIMPLOT COMPANY
 P.O. Box 198 • Lathrop, CA 95330

50 LB. BAG (22.68 Kg.)