

PM23

7001-346

179

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

JUN 1 - 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Lisa J. Strong
J.R. SIMPLOT CO.
BOX 198
LATHROPE, CA 95330

Subject: Label Amendment Submission of 04/21/93 in Response to PR Notice 93-7
EPA Reg. No. 7001-346
TURF SUPREME PLUS RONSTAR

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

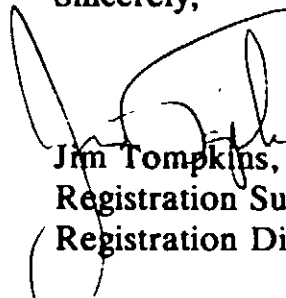
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

2/8/7

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Lisa J. Strong
J.R. SIMPLOT CO.
BOX 198
LATHROPE CA 95330

Comment for: EPA Reg Nr.7001-346
TURF SUPREME PLUS RONSTAR

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.

You may delete the respirator statement added to your proposed label. It is not required for your product.

The Agricultural Use Requirements section must be located in a clearly separate box on the product labeling -- with lines or other graphic indicators (such as contrasting color) to separate the section from the surrounding text.

Correct the typographical errors circled on your proposed label.

JUN 1 - 1994
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
7001-346

1079

REVISED LABEL
TO ACHIEVE WPS

TURF SUPREME® PLUS RONSTAR® 15-5-7

FOR SALE TO, USE AND STORAGE BY PROFESSIONAL
TURF MAINTENANCE PERSONNEL ONLY. NOT FOR USE ON
HOME LAWNS.

A fertilizer combined with a selective preemergent herbicide designed to control annual grasses and broadleaf weeds in ornamental turf and woody ornamental shrubs, vines and trees while promoting green growth of turf and ornamentals.

ACTIVE INGREDIENT:		BY WT.
Oxadiazon [2-tert-butyl-4-(2,4 dichloro-5-isopropoxyphenyl)- Δ ² -1,3,4-oxidiazolin-5-one]		1.2%
INERT INGREDIENTS:		98.8%
	TOTAL	100.0%

EPA REG. NO. 7001-346
EPA EST. NO.

KEEP OUT OF REACH OF CHILDREN
WARNING ·AVISO·

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

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes eye and skin irritation. Avoid contact with skin, eyes, or clothing. Avoid contamination of feed and foodstuffs. Keep opened containers away from children and animals. Do not allow domestic animals to graze treated areas.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention. IF INHALED remove victim to fresh air. IF ON SKIN wash with soap and a large volume of water. Seek medical attention if irritation persists. IF IN EYES flush with water for at least 15 minutes. Seek medical attention if irritation persists.

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PERSONAL PROTECTIVE EQUIPMENT

5 of 9

APPLICATORS AND OTHER HANDLERS MUST WEAR:

- . Coveralls over short-sleeved shirt and short pants
- . Waterproof gloves
- . Chemical-resistant footwear plus socks.
- . Protective eyewear.
- . Chemical-resistant headgear for overhead exposure
- . Chemical-resistant apron when cleaning equipment, mixing, or loading
- . Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

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: (1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet; (2) Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing; (3) 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. Use with care when applying in areas adjacent to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Avoid contamination of water intended for irrigation or domestic use.

STORAGE AND DISPOSAL

STORAGE: Store in a cool, dry, ventilated area. Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

GUARANTEED ANALYSIS

TOTAL NITROGEN (N)	15.0%
15.0% AMMONIACAL NITROGEN	
AVAILABLE PHOSPHORIC ACID (P ₂ O ₅)	5.0%
SOLUBLE POTASH (K ₂ O)	7.0%
SULFUR AS ELEMENTAL	18.0%
IRON AS ELEMENTAL	1.5%
ZINC AS ELEMENTAL	0.1%

Derivation of ingredients: Nitrogen and Phosphorus is derived from Ammonium Phosphate. Potash from Potassium Chloride. Sulfur from Ammonium Sulfate. Iron from Iron Sulfide. Zinc from Zinc Oxide.

GENERAL INFORMATION

Turf Supreme® Plus Ronstar® is a fertilizer combined with a selective premergent herbicide designed to control annual grasses and broadleaf weeds in ornamental turf and woody ornamental shrubs, vines and trees, while promoting green growth of turf and ornamentals. Kills young weed seedlings as they come in contact with the herbicide during germination.

Apply with a properly calibrated fertilizer 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.

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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 requirement 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), notification to workers and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Workers Protection Standard.

Do not entry or allow 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 over short-sleeved shirt and short pants; waterproof gloves; chemical-resistant footwear plus socks; protective eyewear; chemical-resistant headgear for overhead exposure.

ORNAMENTAL TURF

For use in established perennial Bluegrass, Bermudagrass, Perennial Ryegrass, St. Augustinegrass, Tall Fescue, and Zoysia turf; such as, fairways, parks, golf courses, and lawns. Controls Crabgrass (*Digitaria spp.*), Annual Bluegrass (*Poa annua*), and Goosegrass (*Eleusine indica*); also controls Florida Pusley (*Richardia scabra*), Oxalis (*Oxalis spp.*), Stinging Nettle (*Urtica dioica*), Carpetgrass (*Axonopus offinis*), and Pigweed (*Amaranthus spp.*).

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. A thorough irrigation should follow shortly after application for increased effectiveness.

AMOUNT TO USE:

Crabgrass and Goosegrass Control: For preemergent control, apply 167-333 pounds per acre (2 to 4 pounds active ingredient) or 3¾ to 7½ pounds per 1000 sq. ft. in early spring prior to seed germination. Application made after March or April may not be fully effective.

Annual Bluegrass Control: For preemergent control, apply 333 pounds per acre (4 pounds active ingredient) or 7½ pounds per 1000 sq. ft. in late summer to early fall or in early spring prior to seed germination.

Pigweed, Florida Pusley, Oxalis, Stinging Nettle, and Carpetgrass Control: For preemergent control of these weeds apply 333 pounds per acre (4 pounds active ingredient) or 7½ pounds per 1000 sq. ft. in early spring prior to weed seed germination.

For St. Augustinegrass turf, do not exceed the rate of 250 pounds per acre (3 pounds active ingredient).

May cause discoloration of Bermudagrass and St. Augustinegrass. This discoloration is temporary and normally outgrown within 2 to 3 weeks.

Red Fescue and Bentgrass are not tolerate to Ronstar. The use of this product on turf containing Red Fescue or Bentgrass should be limited to situations where they are undesirable grasses. Avoid contact with flowers and shrubs except as recommended elsewhere on this label. Do not apply to newly seeded areas. Seeding into treated areas should be delayed until 4 months after treatment. Do not apply to Dichondra or Centipedegrass.

WOODY ORNAMENTAL SHRUBS, VINES AND TREES

APPLICATION:

Apply anytime during the year, prior to weed seed germination, for weed control. Can be applied to both newly transplanted and established ornamentals. Application can be made to actively growing or dormant ornamentals. Rainfall or overhead irrigation must follow application. Do not mix into the soil. Cultivating or disturbing the soil may reduce weed control activity. Do not apply to wet foliage or under conditions in which granules will contact on leaves.

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AMOUNT TO USE:

Ground Application — Apply broadcast to ornamentals at 167 to 333 pounds of product per acre (or 3¼ to 7½ pounds per 1,000 sq. ft.) depending on the weeds to be controlled, as listed below. Remove existing weed growth before application.

Turf Supreme® Plus Ronstar® at 167 to 333 pounds (2.0 to 4.0 pounds of active ingredient) per acre is effective in controlling annual grasses and broadleaf weeds such as:

ANNUAL BROADLEAF WEEDS

- | | |
|---|---|
| Bittercress (<i>Cardamine spp.</i>) | Pennsylvania Smartweed
(<i>Polygonum pennsylvanicum</i>) |
| Carpetweed (<i>Mollugo verticillata</i>) | Petty Spurge (<i>Euphorbia peplus</i>) |
| Common Groundsel (<i>Senecio vulgaris</i>) | Redroot Pigweed (<i>Amaranthus retroflexus</i>) |
| Common Purslane (<i>Portulaca oleracea</i>) | Speedwell (<i>Veronica spp.</i>) |
| *Eveningprimrose (<i>Oenothera spp.</i>) | Spotted Catsear (<i>Hypochoeris radicata</i>) |
| *Galinsoga (<i>Galinsoga spp.</i>) | *Swinocress (<i>Coronopus didymus</i>) |
| Golden Ragwort (<i>Senecio aureus</i>) | Yellow Woodsorrel (<i>Oxalis stricta</i>) |
| Lambsquarters (<i>Chenopodium album</i>) | |

ANNUAL GRASSES

- | | |
|--|---|
| Annual Bluegrass (<i>Poa annua</i>) | Fall Panicum (<i>Panicum dichotomiflorum</i>) |
| *Barnyardgrass (<i>Echinochloa crus-galli</i>) | Green Foxtail (<i>Setaria viridis</i>) |
| Crabgrass (<i>Digitaria spp.</i>) | |
| *Use 250 to 333 pounds (3.0 to 4.0 pounds of active ingredient) per acre for less susceptible weeds. | |

NOTE:

For the control of Liverwort (*Marchantia spp.*) in California, Goosegrass (*Eleusine indica*) and Prostrate Spurge (*Euphorbia supina*) use 333 pounds (4.0 pounds of active ingredient) per acre.

CROP TOLERANCE:

Turf Supreme® Plus Ronstar® is recommended for use on a wide variety of container and field grown woody ornamental shrubs, vines, and trees. Turf Supreme® Plus Ronstar® may be used at the recommended rates on the following ornamental species:

CONTAINER GROWN

ESTABLISHED

SPECIES	VARIETIES	SPECIES	VARIETIES
Agapanthus—	Africanus	Jasmine—	Yellow Star, Star
Andromeda—	Japanese	Juniper—	Barharbor, Wiltoni, Torulosa, Pfitzeriana Compacti, Pfitzeriana Aurea, Torulosa Variegata, Pfitzeriana Glauca, Gulf Stream, Tam, Armstrongii, Shore, Andora, San Jose, Blue Haven, Stricta, Jade River, Broadmoor, Meyeri, Rocket, Plumosa, Royal Beauty, Praecox, Greek, Apiculata Blackburn, Plumosa Compacta, Procumbens, Blue Pfitzer
Arborvitae—	American, Eastern, Oriental, Aureanana, Globe, Pyramidal, Woodward	Justica—	Brandegeana
Arcostaphylos—	Fred Oelher	Leucothoe—	Catesbaei, Axillaris
Azalea—	Hino Red, Red, Boudoir, Snowball, Karen, Kaempp, Stuartonian, Mollishybrid, Sweetheart Supreme, Salmon Beauty, Caroline Gable, Louise, Stewartsonian, Rosebud	Myrtle—	Compacta Noellii
Barberry—	Redleaf, Marshall Red, Darwinii, Irwinii, Purpleleaf	Magnolia—	Dr. Merrilli, Samuel Somers, Grandiflora
Boxwood—	Common, Japanese	Mahonia—	Oregon Grape-Holly
Callistemon—	Bottle-brush	Osmanthus—	Fortune*
Camellia—	Glen #40, Sasanqua, Colonel Fiery	Periwinkle—	Vinca minor
Ceanothus		Photinia—	Frazerii
Cedar—	Atlas, Portoford (Allumii)	Pine—	Slash, Japanese Black, Montana, Scotch, Digger, Shore, Thumbergii
Cotoneaster—	Paineyi, Bearberry, Coral Beauty, Grey-leaf, Cranberry, Silverleaf, Peking, Bright Bead, Dammeri Skolgholm, Microphylla, Lowfast, Glaucophylla	Pittosporum—	Variegated, Japanese
Cypress—	Monterey	Podocarpus—	Macrophylla
Dogwood—	Red Osier	Privet—	Japanese, Waxleaf, Glossy, Vicary, Golden Vicary, Curly Leaf
Douglas Fir—	Pseudotsugamenziesii	Pyracantha—	Victory, Scarlet Firethorn, Wyatti, Graberri
Eucalyptus—	Sideroxylon, Nicholli	Quercus	
Euonymus—	Greenlane, Microphylla Variegata, Emeraldgaety, Dwarf, Gold Spot, Golden Green, Silver King, Wintercreeper	Raphiolepis—	India Hawthorn
Forsythia—	Vegetus, Emerald Cushion, Spreading	Rhododendron—	Cunningham, Blue Diamond, Snow, Christmas, Chionoides, PJM, Dr. Rutgers, Coral Bells, President Clay
Gardenia—	Lynwood Gold	Rose—	Summer Snow, Bigleaf Winter Creeper, Charlotte Armstrong
Ginkgo—	Amy Yashioka, August Beauth, Mystery	Star Jasmine—	Yellow Star Jasmine
Heath	Biloba	Syzygium—	Paniculatum
Heather—	Mrs. Maxwell	Viburnum—	Sandankwa, Laurestinus, David
Hedera—	English Ivy	Xylosma—	Congestum
Honeysuckle—	Purpleleaf, Purpurea		
Holly—	Dwarf Okinowan, Convexa, Rotundifolia, Hetzi, Helli, Burfordi, English, Hellus, Dwarf Yaupon, Nellie R. Stevens, Box-leaved, Green Island, Japanese		

NEWLY TRANSPLATED

SPECIES	VARIETIES	SPECIES	VARIETIES
Andromeda—	Japanese	Juniper—	Plumosa, Plumosa Compacta, Old Gold, Pfitzeriana Aurea, Torulosa, Armstrongii, Tam, Wiltoni, Procumbens
Arborvitae—	Globe, Woodward	Leucothoe—	Axillaris
Azalea—	Hino Red, Louise, Rosebud, Stewartsonian	Magnolia—	Dr. Merrilli
Barberry—	Marshall Red, Darwinii, Irwinii, Purpleleaf	Ulmus—	
Cedar—	Portoford (Allumii)		
Cotoneaster—	Cranberry, Peking, Coral Beauty, Bright		

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Cypress—	Monterey	Pyracanthe—	Graberli
Dogwood—	Red Osler	Rhododendron—	Snow, Blue Diamond, Chionoides, PJM, Dr. Rutgers
Euonymus—	Greenlane, Emerald Cushion, Spreading	Rose—	Summer Snow, Bigleaf Winter Creeper, Charlotte Armstrong
Forsythia—	Lynwood Gold		
Holly—	Rotundifolia, Helleri, English, Japanese		

FIELD GROWN

ESTABLISHED

SPECIES	VARIETIES	SPECIES	VARIETIES
Arborvitae—	Pyramidal	Pittosporum—	Undulatum
Ash—	Green	Privet—	California, Japanese
Azalea—	Hinodi geri	Rhododendron—	Rosebud
Barberry—	Red, Mentor	Rose—	Texas Centennial, Sutters Gold, Show Girl
Birch—	Clump, Paper	Russian Olive	
Camellia—	Tiffany, Marie Bracey, Elizabeth Dowd, Tom Knudsen, Crimson Robe, R.D. Wheeler	Spruce—	Black Hills, Norway, Serbian
Campanula—	Lowfast, Skolgholm	Taxus—	Taunton Spreading Yew, Hicks
Crabapple—	Flowering, Toringo	Tsuga—	Canadian Hemlock
Dogwood—	Redstemmed, Red, Flowering	Viburnum—	European Cranberry Bush
Euonymus—	Burning Bush, Dwarf Burning Bush, Jewell	Xylosma—	
Forsythia—	Showy Border, Lynngold, Lynwood Gold, Goldenbell	Ground Clovers	
Holly—	Boxleafed, Green Island, Japanese	Carpobrotus—	Edule
Honeysuckle—	Zabell	Osteospermum	
Juniper—	Plumosa, Mint Julip, Arcardia, Variegata, Plumosa Compacta, Andora, Wiltoni, Hetzi	Sedum—	Album
Lilac—	Persian, Dwarf Korean	Algerian Ivy	
Maple—	Armur	Vinca Major	
Oak—	Red	English Ivy	
Periwinkle—	Vinca Minor	Pachysandra—	Terminalis
Pine—	Austrian, Scotch, Norway, Stone, Japanese	Ajuga—	Reptans
	Black, Loblolly, Slash, Eastern White	Euonymus—	Fortunei Radicans
		Pine—	

NEWLY TRANSPLANTED

SPECIES	VARIETIES	SPECIES	VARIETIES
Camellia—	Tiffany, Marie Bracey, Elizabeth Dowd, R.D. Wheeler, Tom Knudsen, Crimson Robe	Periwinkle—	Vinca Minor
Dogwood—	Redstemmed, Red, Flowering	Pine—	White Austrian, Eastern White
Forsythia—	Showy Border, Lynwood Gold, Goldenbell	Privet—	California, Japanese
Hedera—	English Ivy	Rhododendron—	Rosebud
Holly—	Green Island, Japanese	Russian Olive	
Juniper—	Plumosa, Andora, Wiltoni, Hetzi	Spruce—	Black Hills, Norway, Serbian
Oaks—	Red	Taxus—	Hicks
		Tsuga—	Canadian Hemlock

ADDITIONAL APPLICATIONS

For continued weed control, additional applications may be made 60 to 120 days after the previous application in the following situations:

2 REPEAT TREATMENTS

CONTAINER GROWN ESTABLISHED		CONTAINER GROWN NEWLY TRANSPLANTED		FIELD GROWN ESTABLISHED AND NEWLY TRANSPLANTED	
SPECIES	VARIETIES	SPECIES	VARIETIES	SPECIES	VARIETIES
Abella—	Grandiflora	Common Boxwood		Holly—	Nellie R. Stevens, Dwarf Burford, Burford
Common Boxwood		English Ivy			
English Ivy		Juniper—	Tam		
Holly—	Helleri	Pine—	Slash		
Juniper—	Tam	Rhododendron—	Obtusa, Kurume		
Pine—	Slash		Formosa		
Rhododendron—	Obtusa, Kurume				
	Formosa, Kurume Snow				

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3 REPEAT TREATMENTS

CONTAINER GROWN

ESTABLISHED

SPECIES	VARIETIES
Abella—	Grandiflora
Holly—	Helleri, Rotundifolia
Phododendron—	Kurume Formosa, Kurume Snow

GREENHOUSE GROWN

ESTABLISHED

SPECIES	VARIETIES
Rose—	Sonia, Forever Yours, Coed, Golden Wave

FOREST NURSERIES

SEEDLINGS - At least 4 weeks old.

NET CONTENTS 50 LBS.

9-89

DISCLAIMER OF WARRANTIES: Seller warrants that the chemical composition of this product conforms to the chemical description given on this label. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS EXPRESSED, IMPLIED, OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. Timing, rate and method of application, weather and crop conditions, mixtures with chemicals not specifically recommended on this label or an accompanying written recommendation, are beyond the control of seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees in the event of damages arising from the use of this product to accept a replacement of the product or a refund of the purchase price of the product, at buyer's option, as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon seller.

**Simplot**

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

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