

1381-180

09/22/2003

1/5 Jacket



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

EPA Reg. Number:
1381-180

Date of Issuance:
SEP 22 2003

Term of Issuance:
Conditional

NOTICE OF PESTICIDE:

Registration
Reregistration

(under FIFRA, as amended)

Name of Pesticide Product:
PRO SOURCE #1 MAGIC
CARPET FERTILIZER
with 0.67% RONSTAR®

Name and Address of Registrant (include ZIP Code):

Agriliance LLC
P.O. Box 64089
St Paul, MN 55164-0089

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. 1381-180" 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:

Date:

SEP 22 2003

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EPA Reg. No. 1381-180
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 move the CAS No. from active ingredient line to a line below the omitted "Total" line of the ingredient statement.
- 5. Submit one (1) copy of the final printed labeling before you release this product for shipment.
- 6. 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.



PRO SOURCE #1 MAGIC CARPET FERTILIZER with 0.67% RONSTAR®

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

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

ACTIVE INGREDIENT: Oxadiazon-CAS [19666-30-9] - 0.67%
OTHER INGREDIENTS: - - - - - 99.33%
100.00%

RONSTAR® is a Registered 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 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 OR CLOTHING:** 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. You may also call 1-800-858-7378 for emergency medical treatment advice.

SEE SIDE/BACK PANEL 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, 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 and footwear plus socks; protective eyewear; chemical-resistant 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 irrigation 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 sod Sod farms, 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 gloves and footwear, plus socks, protective eyewear, and chemical resistant headgear for overhead exposure (09-30-02)

Agriance LLC

P.O. BOX 64089 - ST. PAUL MN 55164-0089

ACCEPTED
with COMMENTS
in EPA Letter Dated
SEP 22 2003

EPA File. Sym. 1381-RIN

EPA EST. NO. 1381-fl-2

NET WEIGHT
50 POUNDS

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 1381-180

Controls Crabgrass, Goosegrass, Poa Annua, Annual Sedge and other weeds as listed, on Golf Courses, Commercial Lawns, and other Athletic and/or Recreational 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 areas. 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 since discoloration "streaking" may temporarily occur from the "doubled 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 10.33 lbs. of this product per 1,000 sq.ft.) After applications if rain is not expected within 24 hours sprinkle irrigate the treated turf with up to a 1/4 inch of water to get 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 (see map of U.S. on this label). It will not control growing weeds. **See section on this label entitled; **FOR SPRING APPLICATION ON GOLF COURSES**; for instructions to apply the 3 lb. or 4 lb. rate as a SPLIT APPLICATION.

Pre-emergence Weed Control

Weeds Controlled	lbs. a.i. / Acre lbs. product/acre	lbs. of Product per 1,000 sq.ft.	Directions - Refer to Map of U.S.
Crabgrass (<i>Digitaria, spp.</i>)	2 to 4 lbs. a.i./A	6.8 to 13.77	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>)	2 to 4 lbs. a.i./A	6.8 to 13.77	
Field Sandbur (<i>Cynchus incertus</i>)	300 to 600 lbs. product/acre	lbs.	
Annual Sedge (<i>Cyperus compressus</i>)	product/acre		
Annual Bluegrass (<i>Poa annua spp.</i>) (See Note Below)	2 to 4 lbs. a.i./A 300 to 600 lbs./a	6.8 to 13.77 lbs.	Apply in late summer to early fall prior to weed seed germination.
Virginia Buttonweed (<i>Diodia virginiana</i>)	4 lbs. a.i./A 600 lbs. product/acre	13.77 lbs.	Apply in early spring prior to weed seed germination.
Pigweed (<i>Amaranthus spp.</i>)	/acre		
Florida Pusley (<i>Richardia scabra</i>)			
Oxalis (<i>Oxalis spp.</i>)			
Stinging Nettle (<i>Urtica dioica</i>)			
Carpetgrass (<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 450 to 600 lbs. product/acre	10.33 to 13.77 lbs. / 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.
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Annual Bluegrass Control in Bermudagrass Fairways Overseeded with Perennial Ryegrass only.

Annual Bluegrass (<i>Poa annua spp.</i>)	2 lbs. a.i./A 300 lbs./acre	6.8 lbs./1,000 sq.ft.	Apply in late summer to early fall prior to Poa annua spp., seed germination. If 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. a.i. rate in one application.
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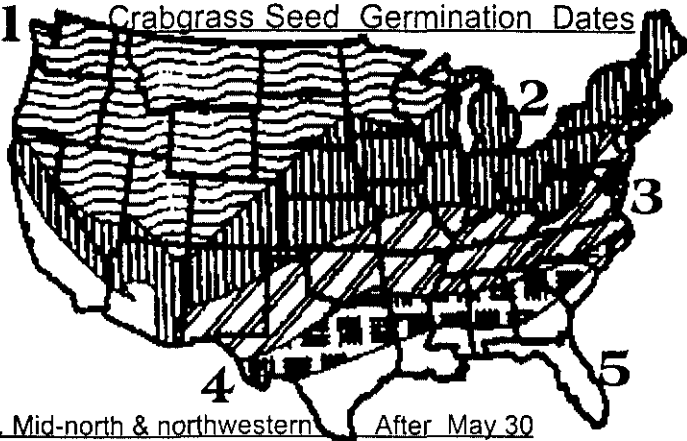
NOTE: In many areas annual bluegrass exists as at least two biotypes or subspecies of Poa Annua. The true annual biotype, "Poa Annua spp. annua" which germinates from seed every year is controlled, while the biotype, "Poa Annua spp. raptans" which behaves like a perennial and survives through the summer, as an established plant cannot be controlled. Consult the extension service or University weed specialist in your area for more information concerning your locale.

Annual Weed Control during 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 300 to 450 lbs. per acre	6.8 to 10.33 lbs. per 1,000 sq.ft.	For Bermudagrass make application immediately prior to, or immediately after sprigging.
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For Seashore Paspalum and Zoysiagrass make application 10 to 14 days after sprigging. Applications made close to the time of sprigging may cause objectionable Seashore Paspalum injury. Disturbance of the soil surface after 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.

1 Crabgrass Seed Germination 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

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, or 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 enter treated areas until dusts have settled and/or area is dry after watering-in.

FOR SPRING APPLICATION ON GOLF COURSES

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

Bermuda & Paspalum Directions - Refer to U.S. Map on this label. For Bermudagrass make application immediately prior to or after sprigging. For Seashore Paspalum apply 10 to 14 days after sprigging. Applications made close to the time of sprigging may cause objectionable paspalum 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.

PRECAUTIONS IN USING ON TURFGRASS and also PRECAUTIONS WHEN SEEDING)

For St. Augustinegrass and Bentgrass turf, DO NOT exceed the rate of 3 lbs. of active ingredient per acre which is equal to 10.33 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. DO NOT apply to Dichondra or Centipedegrass. DO NOT use on golf course putting greens or tees because of the varying cultural practices used. (08-30-02)

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)	variable	%
Nitrate Nitrogen	variable	%
Ammoniacal Nitrogen	variable	%
Water Soluble Nitrogen 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, Ureaform, Muriate of Potash; Manganese as Mn %; Iron as Fe %; Chlorine < %		

WEEDS CONTROLLED

- Annual Bluegrass
- Annual Sedge
- *Barnyardgrass
- Bittercress
- Carpetgrass
- Carpetweed
- Common Groundsel
- Common Purslane
- Crabgrass
- *Evening Primrose
- Fall Panicum
- Field Sandbur
- Fireweed
- Florida Pusley
- Foxtail; Green, Bristly
- *Galinsoga
- Golden Ragwort
- *Goosegrass
- **Jungle Ricegrass
- Lambsquarter
- **Liverwort
- Oxalis
- **Panama Paspalum
- Pennsylvania Smartweed
- Redroot Pigweed
- Sensitive plant
- Shepardspurse
- Sow thistle
- Speedwell-veronica
- 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 450 lbs. to 600 lbs. of this product per acre or 10.33 lbs. to 13.77 lbs. per 1,000 sq.ft.).

For the difficult-to-control weeds with 2 asterisks above, use the 4 lbs. a.i. per acre (equal to 600 lbs. of this product/acre or 13.77 lbs. per 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 of the year. Spring pre-emergence weed control can then be applied.

SPREADER SETTINGS

Spreader settings are calculated to apply the recommended rates of active ingredient per acre based on this product bulk density of 50 to 60 lbs. per cubic foot. Settings will vary if your turfgrass requires this EPA registered herbicide/fertilizer combination product with a lighter bulk density. To check your spreader settings refer to the spreader manual or manufacturer. Test apply enough product to cover 500 sq.ft. based on the amount of product a.i. you wish to apply per acre. Select a suitable rate from in the Pre-emergence Weed Control chart, on this label. Adjust and record the setting if required. Apply as directed on this label.

Spreader Settings	for 2 lbs. a.i./Acre	for 3 lbs. a.i./Acre	for 4 lbs. a.i./Acre
Cyclone B3-Pro	#x.xx	#x.xx	#x.x
Scotts Pro R-8A	#X	#X	#X

Plan on an approximately 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. If burned stay out of smoke.

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 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 Agrilience LLC, option, the replacement of the product. 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 Agrilience LLC, option, the replacement of the product, is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. Agrilience LLC, 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 Agrilience LLC, option, the replacement of the product.

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

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

* For use only on plants, as listed*, that will not bear edible fruit or seeds within one year of the application of this product.

ESTABLISHED ORNAMENTALS and GROUND COVERS

COMMON NAME	SCIENTIFIC NAME
Abutilon	Abutilon pictum
Acacia	spp.
Agapanthus	Agapanthus africanus
Allamanda, Common	Allamanda cathartica
Andromeda	Pieris spp.
Aralia	Aralia spinosa
Arboryta	Tuja spp.
Ash, Green	Fraxinus pennsylvanica
Azalea	Rhododendron
Baby's Breath	Gypsophila paniculata
Bald Cypress	Taxodium distichum
Bamboo, Featherly	Bambusa vulgaris
Banyan, Weeping	Ficus benghalensis
Barberry	Berberis spp.
Beefsteak Plant	Acalypha wilkesiana
Beardy	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
Camellia, Common, Jap	Camellia japonica
Camellia, Sasanqua	Camellia sasanqua
Candyfruit	Iberis sempervirens
Carissa	Carissa macrocarpa
Carnation	Dianthus caryophyllus
Ceanothus	Ceanothus americanus
Cedar, Red	Juniperus virginiana
Cedar, Atlas	Cedrus atlantica
Cistus	Cistus purpureus
Citrus, Ornamental *	
Grapefruit *	Citrus paradisi *
Lemon *	Citrus limon *
Lime	Citrus aurantifolia
Mandarin *	Citrus reticulata
Tangelo *	Citrus XTangelo
Tangerine *	Citrus reticulata var. tangerine *
Temple *	Citrus knobillii
Cuban Shaddock *	Citrus maxima *
Valencia *	Citrus sinensis *
Washington Navel *	Citrus sinensis *
Cleyera	Cleyera japonica
Coreopsis	Coreopsis lanceolata
Coromandel	Asystasia gangetica
Cotoneaster	Cotoneaster, spp.
Crabapple *	Malus, spp.
Crapemyrtle	Lagerstroemia indica
Chrysanthemum	Chrysanthemum, spp.
Cypress	Cupressus, spp.
Cypress, Leyland	Prinocyparis leylandii
Dahlia	Dahlia, spp.
Daphne, Fragrant	Daphne odora
Deutzia, Slender	Deutzia gracilis
Diefenbachia	Diefenbachia, spp.
Dogwood, Common	Cornus stolonifera
Dogwood, Redosier	Cornus stricta
Dogwood, Kousa	Cornus kousa
Douglas fir	Pseudotsuga menziesii
Elm	Ulmus, spp.
Escallonia	Escallonia, spp.
Eucalyptus	Eucalyptus, spp.
Euryops, Gray Leaved	Euryops pectinatus
Euonymus, Spreading	Euonymus alatus
Euonymus, Wintercreeper	Euonymus fortunei
Falsecypress, Hinoki	Chamaecyparis obtusa
Falsecypress, Japanese	Chamaecyparis pisifera
Flowering Quince *	Chaenomeles speciosa *
Forsythia	Forsythia intermedia
Gardenia	Gardenia jasminoides
Gazania, Trailing	Gazania uniflora
Ginkgo *	Ginkgo biloba *
Glaucolias	Glaucolias, spp.
Golden Raintree	Gleditsia paniculata
Heath, Spring	Erica carnea
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
Jasmine, Orange	Murraya paniculata
Jasmine, Primrose	Jasminum mesnyi
Jasmine, Star	Trachelospermum jasminoides
Jasmine, Showy	Jasminum floridum
Juniper	Juniperis, spp.
Justica	Justica brandegeana
Kwanzan Cherry	Prunus serrulata
Lamb's Ear	Stachys byzantina
Lantana, Trailing	Lantana montivdensis
Lapalapa	Cheirandron, spp.
Larch, European	Larix decidua
Laurel, English	Prunus laurocerasus
Leopards - Bane	Doronicum cordatum
Leucothoe, Coast	Leucothoe axillaris
Leucothoe, Drooping	Leucothoe fontanesia (catesbaei)

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 *	Choisya ternata
Mock Orange	Philadelphus virginialis
Money Tree	Plectranthus marginata
Murraca	Murraca exotica
Murraca	Murraca paniculata
Myoporum	Myoporum laetum
Myrtle	Myrtus communis
Nandina	Nandina domestica
Oak	Quercus, spp.
Ochana	Ochana serrulata
Ohai	Samanea saman
Oleander	Nerium oleander
Ornithosphon	Ornithosphon stamineus
Osmanthus	Osmanthus heterophyllus
Pachysandra	Pachysandra terminalis
Palm, Bamboo	Rhapis excelsa
Palm, Fishtail	Caryota, spp.
Palm, Licuala	Licuala thunb. spp.
Palm, Macarthur	Ptychosperma macarthurii
Palm, Mabnce	Euterpe, spp.
Palm, Manila	Veitchia merillii
Palm, Parlor	Colinia elegans
Palm, Raitan	Daemonorops, spp.
Palm, Scaling Wax	Cyrtostachys lakka
Palm, Sugar	Arenga saccharifera
Paperbark Tree	Melaleuca leucadendra
Pcony	Peonia, spp.
Periwinkle, Common	Vinca minor
Periwinkle, Large	Vinca major
Philonia, Frasers	Phoritis fraseri
Poinciana	Dolichis regia
Plnc	Pinus, spp.
Pittosporum, Japanese	Pittosporum tobira
Plum, Natal	Carissa macrocarpa
Podocarpus, Yew	Podocarpus macrophyllus
Pomegranite	Punica granatum
Poplar	Populus spp.
Polentilla	Potentilla fruticosa
Potentilla	Potentilla fragiformis
Privet	Ligustrum, spp.
Protea species	Banksia menziesii
Pyracantha	Leucodendron discolor
Raphiolepis	Leucospermum cordifolium
Redwood, Dawn	Protea eximia
Rhododendron	Pyracantha coccinea
Rose, spp.	Raphiolepis umbellata
Russian Olive	Melaleuca glyptostroboides
Sargent Cherry *	Rhododendron spp.
Scotch Broom	Rosa, spp.
Sedum	Elcagnus angustifolia
Serviceberry, Saskatoon	Prunus sergenii
Spruce	Cytisus scoparius
Slatice	Sedum album
St. Johnswort, * Golden	Amelanchier alnifolia
St. Johnswort, * Goldcup	Picea, spp.
Strawberry Tree	Limonium, spp.
Sumac, Staghorn	Hypericum frondosum
Sweet William	Hypericum patulum *
Syzgium	Arbutus unedo
Trailing African Daisy	Rhus typhina
Viburnum	Dianthus barbatus
Wedelia	Syzgium paniculatum
Wisteria, chinese	Ostospermum fruticosum
Wichazel, common	Viburnum, spp.
Woadwaxen, common	Wedelia trilobata
Wooly Thyme	Wisteria sinensis
Xylosma	Hamamelis virginiana
Yew	Genista tinctoria
	Thymus pseudolanugrosus
	Xylosma congestu
	Taxus, spp.

For use only on plants, as listed, that will not bear edible fruit or seeds within one year of the application of this product.

EPA Reg. No. 1381-180
EPA EST. NO. 1381-FL-1

NET WEIGHT 50 POUNDS

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. 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 300 to 600 lbs. of this product per acre or 6.8 to 13.77 lbs. per 1,000 sq. ft. Not recommended for weed control in greenhouses (10-30-02)

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
Coromandel	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.
Protea Species	Banksia menziesii
Rhododendron	Leucodendron discolor
Russian Olive	Leucospermum cordifolium
Spruce	Protea eximia
Trailing African Daisy	Pyracantha coccinea
Wedelia	Raphiolepis umbellata
Wisteria, Chinese	Melaleuca glyptostroboides
Yew	Rhododendron spp.

FOREST NURSERY APPLICATION

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

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 (Pieris japonica)	Snowdrift, Temple Bell
Azalea	Pink Champagne, Hershey, (Rhododendron spp., Leuchtenfer, Memoire John, Kalkens, Hino, Crin,son, Everest, Girard
Cotoneaster	Eichholz, Himalayan, Shantung (Cotoneaster spp)
Crape myrtle (Lagerstroemia indica)	Petite Red Imperial, and Seminole Bush
Heath, Spring (Erica camgo)	Mediterranean Pink
Hemlock, Canada (Tsuga canadensis)	Pendula
Hibiscus (Hibiscus Syriacus)	Red Heart
Rhododendron	Daphnoides, Nova Zembia, (Rhododendron spp), Catawba Album
Spruce, Norway (Picea abies)	Pumila
Spruce, White (Picea glauca)	Dersara
Viburnum	Davidii (Viburnum spp)