

7001-375

10-29-2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

OCT 29 2009

Ms. Lisa J. Strong  
Regulatory Consultant  
J.R. Simplot Company  
P.O. Box 198  
Lathrop, CA 95330

Dear Ms. Strong:

Subject: Dimension® 270-G  
EPA Registration No. 7001-375  
Application and Letter Dated September 10, 2009  
Request To Amend the Registration of Dimension®  
270-G, To Revise Labeling as Described on Application;  
Resubmission Dated October 9, 2009 and Resubmission  
Dated October 27, 2009

The subject application to amend the registration of Dimension® 270-G has been review and found acceptable under the Federal Insecticide, Fungicide and Rodenticide Act, as amended (FIFRA), provided that:

- o Prior to shipment under the amended labeling that you submit a final printed copy of the revised labeling.

If this condition is 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 this condition. This labeling supersedes all previously accepted labeling.

Sincerely yours,

lsf

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

Enclosure

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# DIMENSION<sup>®</sup> 270-G

Specialty Herbicide  
Turf and Landscape Ornamental  
Granular Pre-emergent Herbicide

For season-long control or suppression of listed annual grasses and broadleaf weeds in ornamental landscape areas, established lawns and ornamental turf, (including golf course fairways, roughs and tee boxes), and container and field-grown nursery ornamentals.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

*In New York State this product may only be used by professional applicators at no more than 185 pounds per acre (4.25 lbs. per 1,000 sq. ft.), (0.5 pounds active ingredient per acre) per year and is prohibited from use in Nassau and Suffolk Counties.*

<b>ACTIVE INGREDIENT:</b>	
Dithiopyr (CAS 97886-45-8).....	*0.27%
<b>OTHER INGREDIENTS:</b> .....	99.73%
<b>TOTAL:</b> .....	100.00%

\*This product contains 0.135 pounds of the active ingredient, dithiopyr, per 50 pound bag.

Product protected by U.S. Patent No. 4,692,184. Other patents pending.

**EPA Reg. No. 7001-375**

**EPA Est. No. 41124-WI-1**

Notice: Read The Entire Label before using this product. Use only according to label instructions. Before using this product, read the entire Precautionary Statements, Conditions of Sale and Warranty, Directions for Use, Use Restrictions and Storage and Disposal Instructions. If Conditions of Sale and Warranty are not acceptable, return at once unopened.

**A 50 Lb. Bag Treats Up To 11,764 Sq. Ft.  
At the 185 Lb. /Acre Rate for Crabgrass Control**

**ACCEPTED**  
OCT 29 2009

**NET WEIGHT: 50 LBS. (22.68 Kgs.)**

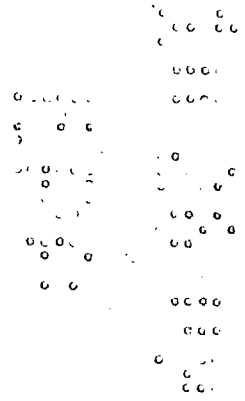
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

Manufactured in U.S.A. for:

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

7001-375

**KEEP OUT OF REACH OF CHILDREN**



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# CAUTION

FIRST AID	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.	

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Drift and runoff may adversely affect aquatic organisms. 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 contaminate water when disposing of equipment washwaters.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. Read all directions carefully before applying this product

SPREADER SETTINGS						
Pounds / 1,000 Sq. Ft.	Half Rate Application			Full Rate Application		
		1.15 lbs.	1.7 lbs.	2.1 Lbs.	2.3 lbs.	3.4 lbs.

## USE DIRECTIONS FOR TURF

Dimension 270-G Specialty Herbicide provides season-long control of crabgrass and control or suppression of other listed annual grasses and broadleaf weeds in established lawns and ornamental turfs, (including golf course fairways, roughs, and tee boxes), and container and field-grown nursery ornamentals. When used according to label directions, this product will not harm nearby established ornamentals identified as "Tolerant Ornamentals" elsewhere in this label.

### Precautions for Turf

- Do not use this product on golf greens.
- Do not apply this product to Colonial bentgrass.
- For best results, cultural practices that disturb the soil, such as core, spike, hydro-aerification, or verticutting, and topdressing should be done before application of this product. This product should not be applied until turfgrasses have recovered from stresses related to these or other mechanical operations. Irrigation or rainfall within 7 days after application will improve the performance of this product.
- **Reseeding or Sprigging:** Reseeding, overseeding, or sprigging of turfgrasses into areas that have been previously treated with this product should be delayed until 12 weeks from the time of application. If overseeding with perennial ryegrass, delay overseeding at least 8 weeks after application. When reseeding or overseeding,
- proper cultural practices such as soil cultivation, irrigation and fertilization should be followed. For best results, use mechanical or power seeding equipment (slit seeders) designed to give good seed-to-soil contact.

- This product may be used on seeded, sodded, or sprigged turfgrass that is well established. Allow the turf to develop a good root system and uniform stand before application. Use of this product on turfgrass not well established, weakened by lack of moisture, chemical injury, insects, disease, or temperature extremes that cause stress will increase the potential for injury. Allow turfgrass weakened by these stresses to recover before application of this product.
- This product may be applied as a single application or as a split application in the spring, summer or fall.
- This product will prevent germination of annual bluegrass.
- This product will not affect established annual bluegrass. If maintenance of annual bluegrass is desired, do not use this product during time of annual bluegrass germination. For AZ, CA, ID, MT, NM, NV, OR, UT, and WA. This product may contribute to thinning or stand reduction in established stands of annual bluegrass.
- **Do not** use clippings from treated turf for mulching around vegetables or fruit trees.
- **Do not** allow domestic animals to feed or forage on the treated turf or clippings from treated turf.

When applied as directed under the conditions described, the following established turfgrasses are tolerant to this product:

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**Cool-Season Grasses**

bentgrass, creeping*	<i>Agrostis stolonifer</i>
bluegrass, Kentucky	<i>Poa pratensis</i>
fescue, fine**	<i>Festuca rubra</i>
fescue, tall	<i>Festuca arundinacea</i>
ryegrass, perennial	<i>Lolium perenne</i>

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**Warm-Season Grasses**

bahiagrass	<i>Paspalum notatum</i>
bermudagrass	<i>Cynodon dactylon</i>
buffalograss	<i>Buchloe dactyloides</i>
carpetgrass	<i>Axonopus affinis</i>
centipedegrass	<i>Eremochloa ophiuroides</i>
kikuyugrass	<i>Pennisetum clandestinum</i>
seashore paspalum	<i>Paspalum vaginatum</i>
St. Augustinegrass	<i>Stenotaphrum secundatum</i>
zoysiagrass	<i>Zoysia japonica</i>

\*DO NOT apply this product to Colonial bentgrass. Use of this product on certain varieties of creeping bentgrass, such as "Carmen", "Cohansey", or "Seaside" will result in undesirable turf injury. Not all varieties of creeping bentgrass have been tested.

\*\*The following fine fescue varieties have been found to be sensitive to this product: "Atlanta", "Banner", "Beauty", "Bligart", "CF-2", "Enjoy", "HF-93", "Highlight", "Ivalo", "Jamestown", "Koket", "Majenta", "Mary", "Pennlawn", "Tamara", "Tatjana", "Waldorf", and "Waldina".

**Application Equipment and Instructions**

Apply this product with drop or rotary-type spreaders designed to apply granular herbicides. Calibrate application equipment prior to usage, and apply this product uniformly over the turfgrass area. A more uniform application can be made by spreading half of the required amount over the area and then applying the remaining half at a right angle to the previous direction of application. Avoid the use of spreaders that would apply this product in narrow rows or concentrated bands. Avoid streaking, skips, or overlaps during application. Check equipment frequently to ensure equipment is functioning properly and applying uniform distribution of granules.

**Preemergence Control of Annual Grasses and/or Annual Broadleaf Weeds**

Used as directed, this product will control or suppress the following annual grass and broadleaf weeds when applied prior to their emergence. This product will not control established weeds, except for crabgrass in early stages of development, but only if application is made to crabgrass prior to the 5-leaf stage of growth or first tiller. Applications to crabgrass after initiation of tillering will not provide satisfactory control. All other applications of this product should be made preemergence (prior to germination of target weeds. Use the higher application rates where weed infestations are dense and/or applications are made early and longer residual control is desirable.

**WEEDS CONTROLLED AND APPLICATION RATES**

Weeds Controlled		Suggested Use Rate Per Application	
		Pounds/Acre	Pounds/1000 sq ft
barley brome crabgrass, large crabgrass, smooth crabgrass, southern dallisgrass (seedling)	foxtail, giant foxtail, green foxtail, yellow	100 to 150	2.3 to 3.4
barnyardgrass chickweed clover, hop crabgrass, tropical crowfootgrass dichondra, Carolina lespedeza, common kikuyugrass Mary's grass marestail medic, black mulberry weed mustard oats, wild oxalis, buttercup oxalis (creeping woodsorrel)	oxalis (yellow woodsorrel) pineappleweed ryegrass, annual ryegrass, perennial sandbur smutgrass speedwell, corn spurge, garden spurge, prostrate spurge, spotted	150 to 185	3.4 to 4.25
bluegrass, annual bittercress carpetweed chickweed geranium, Carolina goosegrass	henbit knotweed, prostrate parsley-piert pigweed, redroot purslane, common rocket, London sheperd's-purse	185	4.25

- \* Use the higher application rates where weed infestations are heavy and/or dense.
- \*\* Use of this product at this rate will provide only partial control and/or suppression of listed weeds.

**Poa Annua (annual bluegrass) Control**

Apply Dimension 0.25 Turf and Ornamental Herbicide for preemergence control of *Poa annua* (annual bluegrass) at a rate of 0.38 to 0.5 lbs active ingredient per acre. This is equivalent to 150 to 185 pounds per acre. Use the higher application rates where weed infestations are dense and/or applications are made early and longer residual control is desirable.

- Apply 6 to 8 weeks before overseeding bermudagrass with perennial ryegrass. Specific to perennial ryegrass; not for use on *Poa trivialis* or bentgrass.
- Minimum seeding rate of perennial ryegrass is 400 lbs per acre.
- Use limited to fairways and roughs
- Perennial varieties of *Poa annua* (var. repens) may not be controlled as well as the true annual.
- Do not apply earlier than 16 weeks after over-seeding unless injury to the ryegrass can be tolerated.
- A follow-up treatment 16 weeks after overseeding offers an early season crabgrass treatment and helps suppress some winter annual broadleaf weeds.

**Control of Crabgrass (Preemergence and early Postemergence Control)**

This product provides preemergence control of crabgrass (including the large, smooth, and southern species when applied prior to the emergence of crabgrass in established lawns and ornamental turfs. It can also provide "early postemergence" control of crabgrass during the early stages of crabgrass growth after the crabgrass has emerged. However, it is often difficult to see the very small, early stages of crabgrass in well-established lawns and ornamental turfs. Early post-emergence crabgrass control will be obtained only when this product is applied prior to the tillering of crabgrass, which generally corresponds to the time when you can first easily see the crabgrass plants in the lawn or

turf. The benefit of Dimension 270-G's additional, early postemergence activity is that (compared to strictly preemergence crabgrass products) it can give the user a 2-8 week longer period of time (depending on climatic conditions and crabgrass growth rates) to make applications and still control crabgrass.

**Restrictions:**

- Do not apply more than 185 pounds of this product per acre per application and no more than 3 applications per year (555 pounds) of this product per acre per year.
- In New York State, this product may only be used by Commercial Applicators at no more than 185 pounds per acre (4.25 lb/1000 sq ft), (0.5 lb active ingredient per acre) per year; and is prohibited from use in Nassau and Suffolk Counties.

**ORNAMENTALS (Landscape, Field Grown, and Container Grown)**

DIMENSION® 270-G provides preemergence control of listed annual grass and broadleaf weeds in ornamental plantings. Ornamental plants on this label have shown tolerance to this product when applied as directed. It is impossible, however, to evaluate tolerance for all ornamental plant species or varieties or under all possible growing conditions. Under your growing conditions, a limited are involving only a few plants should be treated for tolerance evaluation prior to large-scale applications.

**Use Rates**

Apply DIMENSION® 270-G with a properly calibrated spreader which will assure accurate, even particle distribution. This product may be applied as a single application or as a split application. Refer to the following table for product application rates when treating a small area.

Pounds Product/Acre	Ounces Product/1000 Square Feet	Ounces (Grams) Product/100 Square Feet
185	68	6.8 (193 grams)

**Application Timing and Use**

This product is a preemergence herbicide that will not control established weeds. Make applications prior to weed seed germination or to bare ground. The best weed control is obtained when applied to soil that is free of clods, weeds and debris such as leaves. Prior to making an application, control existing vegetation by hand weeding, cultivation or with a postemergence herbicide. To be effective, Dimension 270-G must be activated by 1/2 inch or more of rainfall or irrigation prior to germination of target weeds. Once the treatment is activated, avoid excessive soil disruption that may break down the herbicide barrier. Minimal surface disruption such as raking should not break down the herbicide barrier.

**Weed Controlled**

Used as directed, DIMENSION® 270-G will control or suppress the following annual grass and broadleaf weeds when applied prior to their emergence. This product will not control established weeds, except for crabgrass in early stages of development, but only if application is made to crabgrass prior to the 5-leaf stage of growth or first tiller. Therefore, the area to be treated should be free of weeds prior to application. Repeat applications may be made during the growing season at 3 to 4 month intervals to maintain weed control.

**Weed controlled or suppressed by Dimension 270-G when applied at 185 lbs. per acre:**

**Annual Grasses**

barley <i>Hordeum spp.</i>	foxtail, giant <i>Setaria faberi</i>
barnyard grass <i>Echinochloa crus-galli</i>	foxtail, green <i>Pennisetum glaucum</i>
bluegrass, annual <i>Poa annua</i>	foxail, yellow <i>Pennisetum glaucum</i>
brome <i>Bromus spp.</i>	goosegrass <i>Eleusine indica</i>
crabgrass, large <i>Digitaria sanguinalis</i>	oats, wild <i>Avena fatua</i>
crabgrass, Southern <i>Digitaria ciliaris</i>	ryegrass (annual & perennial) <i>Lolium spp.</i>
crowfootgrass <i>Dactyloctenium aegyptium</i>	sandbur <i>Cenchrus spp.</i>

dallisgrass (seedling)  
*Paspalum dilatatum*

smutgrass  
*Sporobolus indicus*

**Broadleaf Weeds**

bittercress  
*Cardamine spp.*

carpetweed  
*Mullugo verticillata*

chickweed  
*Stellaria spp.*

geranium, Carolina  
*Geranium carolinianum*

henbit  
*Lamium spp.*

knotweed, prostrate  
*Polygonum saviculare*

lespedeza, common  
*Lespedeza striata*

marestail  
*Hippuris vulgaris*

medic, black  
*Medicago lupulina*

mulberry weed  
*Fatoua villosa*

mustard  
*Brassica spp.*

oxalis, buttercup  
*Oxalis pes-caprae*

parsley-piert  
*Alchemilla arvensis*

pigweed, redroot  
*Amaranthus retroflexus*

pineappleweed  
*Matricaria matricarioides*

purslane, common  
*Protulaca oleracea*

rocket, London  
*Sisymbrium irio*

shepherdspurse  
*Capsella bursa-pastoris*

speedwell, corn  
*Veronica arvensis*

spurge, garden  
*Euphorbia hirta*

spurge, prostrate  
*Euphorbia humistrata*

spurge, spotted  
*Euphorbia maculate*

woodsorrel, creeping  
*Oxalis corniculata*

woodsorrel, yellow  
*Oxalis stricta*

**Application Equipment and Instructions**

Apply this product with drop or rotary-type spreaders designed to apply granular herbicides. Avoid the use of spreaders that will apply this product in narrow rows or concentrated bands. Before each application, calibrate the spreader according to the equipment manufacturer's directions for adjusting the spreader settings such that the spreader delivers the appropriate application rate listed above. Apply this product uniformly over the area to be treated. A more uniform application can be made by spreading half of the required amount over the area and then applying the remaining half at a right angle to the previous direction. Avoid streaking, skips, or overlaps during application. Check equipment frequently to ensure equipment is functioning properly and applying uniform distribution of granules. Shortly after application apply overhead irrigation to activate the herbicide and wash Dimension 270-G from plant surface onto soil surface.

**Use Precautions for Ornamental Plantings:**

- Only apply this product to established ornamentals as directed in the Tolerant Ornamental table below.
- Do not incorporate this product into soil. Dilution of active ingredient and possible injury to plant roots may occur.
- Do not apply around ornamental plants that have been weakened or are under stress (due to drought, flooding, excessive fertilizer or soil salts, wind injury, hail, frost damage, winter injury, injury from previously applied pesticides or injury due to insects, nematodes or disease).
- Do not make applications when weather conditions favor drift to non-target areas. This product may injure foliage of non-target plants.
- Do not apply this product on grasses grown for seed.
- Do not graze livestock or feed forage cut from areas treated with this product.
- Do not apply this product in enclosed structures and greenhouses.
- Do not apply another herbicide within 4 weeks of application of this product.

- Do not apply this product to bare roots of ornamental plants as injury may result. Following transplanting, care must be taken that soil or planting mixes have settled firmly through irrigation, rainfall or packing and that there are no cracks that would allow direct contact of this product to the plant roots or plant injury may occur.

**Treatment of Ornamental species not listed on this label:**

It is impossible to evaluate tolerance to this product on all ornamental species or varieties or under all growing conditions. Users who wish to use Dimension 270-G on species not listed on this label may determine the suitability for use by treating a small number of plants at an application rate under your growing conditions. Treated plants should be observed for any symptoms of herbicidal injury such as foliar damage, reduced vigor or stand reduction during 30 to 60 days of normal growing conditions to determine if the treatment is non-injurious.

**Restrictions:**

Do not apply more than 185 lbs. of this product per acre per application and no more than 3 applications (555 lbs.) of this product per acre per year.

In New York State, this product may only be used by Commercial Applicators at no more than 185 pounds per acre (4.25 ounces/1000 sq. ft.), (0.5 lbs. active ingredient per acre) per year, and is prohibited from use Nassau and Suffolk Counties.

**TOLERANT ORNAMENTALS**

When applied as directed under the conditions described on this label, ornamentals listed below have shown tolerance in field trials

		Acceptable Application Method Noted by a (x)		Application to Field/Landscape or Container Grown Ornamentals Noted by a (x)	
		Over the Top	Directed	Container Grown	Field/Landscape Grown
Name	Tolerant Cultivars				
abelia, dwarf ( <i>Abelia x grandiflora</i> )	nana		x		x
abyssinian red banana ( <i>Ensete ventricosum</i> )	maureli	x	x	x	x
acacia redolens ( <i>Acacia redolens</i> )		x	x	x	x
Ajuga carpet bugle ( <i>Ajuga reptans</i> ) ( <i>Ajuga genevensis</i> )	bronze bronze beauty		x x		x x
almond, flowering ( <i>Prunus gladiosa</i> )			x		x
apple <sup>†</sup> ( <i>Malus pumila</i> )			x		x
arborvitae ( <i>Thuja occidentalis</i> )	nigra pyramidalis smaragh techny woodwardii		x x x x x		x x x x x
arborvitae, dwarf golden ( <i>Thuja orientalis</i> )	aurea nana	x	x	x	x
ash, green ( <i>Fraxinus pennsylvanica</i> )			x		x
ash, autumn purple ( <i>Fraxinus americana</i> )	autumn purple		x		x
aster, Chinese ( <i>Callistephus chinensis</i> )	dwarf queen		x		x



azalea ( <i>Rhododendron</i> spp.)	brilliant buccaneer carror chimes (Belgian) Elsie Lee exbury fashion hardijzer beauty hershey red higasa hinocrimson Holland (hybrid) Marion Lee northern lights orange cup orchid lights snow southern charm		x x x x x x x x x x x x x x x x x x x x		x x x x x x x x x x x x x x x x x x x x
azalea, flame ( <i>Rhododendron calendulaceum</i> )			x		x
azalea, kirishima ( <i>Rhododendron obtusum</i> )			x		x
bamboo, heavenly ( <i>Nandina domestica</i> )	compacta nana		x x		x x
barberry, Japanese ( <i>Berberis thunbergii</i> )	aurea dwarf pygmy green kobold pygmy red rose glow		x x x x x x		x x x x x x
barberry, purple ( <i>Berberis thunbergii</i> var <i>atropurpurea</i> )	atropurpurea		x		x
basket flower ( <i>Gaillardia grandiflora</i> )			x		x
beach grass ( <i>Ammophila breviligulata</i> )			x		x
bearberry (common) ( <i>Arctostaphylos uva-ursi</i> )	Massachusetts		x		x
bee balm ( <i>Monarda didyma</i> )			x		x
begonia ( <i>Begonia</i> spp.)			x		x
birch, river ( <i>Betula nigra</i> )			x		x
blackeyed Susan ( <i>Rudbeckia hirta</i> )	goldstrum		x		x
blanket flower ( <i>Gaillardia</i> spp.)			x		x
Blueberry* ( <i>Vaccinium</i> spp.)	bluecrop blue jay Jersey north blue northland		x x x x x		x x x x x
bottlebrush ( <i>Callistemon citrinus</i> )	Little John	x	x	x	X
bougainvillea ( <i>Bougainvillea spectabilis</i> )	James Walker Scarlet O' Hara	x	x x	x	x x

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boxwood ( <i>Buxus microphylla</i> )	japonica		x		X
boxwood, green beauty ( <i>Buxus microphylla japonica</i> )	green beauty	x	x	x	x
boxwood, welleri ( <i>Buxus sempervirens</i> )	winter gem	x	x	x	x
broom ( <i>Cytisus scoparius</i> ) ( <i>Genista pilosa</i> )	moonlight Vancouver gold		x x		x x
camellia ( <i>Camellia japonica</i> )  ( <i>Camellia sasanqua</i> )	debutante mathotiana supreme chansonette setsukgekka		x x x x		x x x x
candytuft ( <i>Iberis sempervirens</i> )	snow white		x		x
carex, variegated ( <i>Carex</i> spp.)			x		x
carpet bugle ( <i>Ajuga reptans</i> ) ( <i>Ajuga genevensis</i> )	bronze bronze beauty		x x		x x
cedar, red ( <i>Juniperus virginiana</i> )			x		x
celosia ( <i>Celosia</i> spp.)			x		x
centaura ( <i>Centaurea montana</i> )			x		x
cockscomb, plumosa ( <i>Celosia cristata</i> )	scarlet plumosa		x		x
coleus ( <i>Coleus blumei</i> )	red kewpie		x		x
columbine ( <i>Aquilegia</i> spp.)			x		x
coneflower, purple ( <i>Echinacea purpurea</i> )	magnus purple	x	x x	x	x x
copper leaf ( <i>Acalypha wilkesiana</i> )			x		x
coreopsis ( <i>Coreopsis</i> spp.)	moonbeam		x		x
corn flower ( <i>Centaurea</i> spp.)			x		x
cotoneaster ( <i>Cotoneaster apiculatus</i> )			x		x
coyotebrush ( <i>Baccharis pilularis</i> )			x		x
cypress, bald ( <i>Taxodium distichum</i> )			x		x
cypress, Hinoki false ( <i>Chamaecyparis obtusa</i> )	gracilis		x		x
cypress, Italian ( <i>Cupressus sempervirens</i> )	glauca		x		x
cypress, leyland ( <i>Cupressocyparis leylandii</i> ) hybrid			x		x
dianthus (sweet William) ( <i>Dianthus</i> spp.)			x		x
delphinium ( <i>Delphinium</i> spp.)	magic fountain		x		x

dogwood ( <i>Cornus florida</i> )			x		x
dogwood, American ( <i>Cornus sericea</i> )	flavarimea		x		x
Douglas fir ( <i>Pseudotsuga menziesii</i> )			x		x
dusty miller ( <i>Senecio cineraria</i> )		x	x	x	x
elm ( <i>Ulmus parvifolia</i> )	drake		x		x
eulaliagrass ( <i>Miscanthus sinensis</i> )	maiden grass	x	x	x	x
euonymus ( <i>Euonymus japonicus</i> )	Argenteo-variegata		x		x
	Auereomarginata		x		x
	colorata		x		x
( <i>Euonymus fortunei</i> )	emerald gaiety		x		x
	emerald n' gold		x		x
	gold edge		x		x
	gold princess		x		x
	Manhattan	x	x	x	x
	silver king		x		x
	tricolor		x		x
	vegetus		x		x
euryps, green leaved ( <i>Euryops pectinatus</i> )	viridis	x	x	x	x
fan palm, European ( <i>Chamaerops humilis</i> )			x		x
fan palm, Mexican ( <i>Washingtonia robusta</i> )			x		x
fern (various) ( <i>Asparagus spp.</i> )			x		x
fescue ( <i>Festuca glauca</i> )			x		x
fetterbush ( <i>Leucothoe fontanesiana</i> )	rainbow		x		x
figus ( <i>Ficus retusa</i> )	nitidia		x		x
fir fraser ( <i>Abies fraseri</i> )			x		x
forsythia ( <i>Forsythia</i> x 'Arnold Dwarf')	arnold dwarf		x		x
( <i>Forsythia viridissima</i> )	bronxensis dwarf		x		x
( <i>Forsythia xintermedia</i> )	lynwood gold		x		x
( <i>Forsythia</i> x 'Meadowlark')	meadowlark		x		x
( <i>Forsythia</i> x <i>intermedia</i> )	spring glory	x	x	x	x
( <i>Forsythia suspensa</i> )	weeping		x		x
fountain grass, purple ( <i>Pennisetum setaceum</i> )	rubrum	x	x	x	x
fuchsia ( <i>Fuchsia spp.</i> )			x		x
gallium ( <i>Galium odoratum</i> )			x		x
gardenia ( <i>Gardenia jasminoides</i> )	mystery		x		x
	radicans		x		x
	white gem	x	x	x	x

geranium ( <i>Pelargonium x hortorum</i> )			x		x
gum ( <i>Eucalyptus citriodora</i> )			x		x
hawthorn ( <i>Crataegus spp.</i> )	cockspur white crimson cloud enchantress Jack Evans Washington white		x x x x x		x x x x x
hawthorn, Indian ( <i>Rhaphiolepis indica</i> )	ballerina	x	x	x	x
heather, twisted ( <i>Erica cinerea</i> )	Mediterranean pink		x		x
hemlock, Canada ( <i>Tsuga canadensis</i> )			x		x
hibiscus ( <i>Hibiscus spp.</i> )	blue bird brilliant hula girl		x x x		x x x
holly ( <i>Ilex x 'Nellie R. Stevens'</i> ) ( <i>Ilex x attenuata</i> )	Nellie R. Stevens fosteri Savannah	x	x x x	x	x x x
holly, blue ( <i>Ilex x meserveae</i> )	blue boy blue girl China girl		x x x		x x x
holly, cassine ( <i>Ilex cassine</i> )		x	x	x	x
holly, Chinese ( <i>Ilex cornuta</i> )	burfordii needlepoint		x x		x x
holly, Japanese ( <i>Ilex crenata</i> )	compacta hellerie Japanese northern beauty steeds	x	x x x x	x	x x x x
holly, yaupon ( <i>Ilex vomitoria</i> )			x		x
honeysuckle ( <i>Lonicera xylosteum</i> ) ( <i>Lonicera japonica</i> ) ( <i>Lonicera tatarica</i> )	Claveyi dwarf halliana Canadian white Zabelli		x x x x		x x x x
hosta ( <i>Hosta spp.</i> ) ( <i>Hosta Lancifolia</i> )	Albo marginata		x x		x x
ice plant ( <i>Carpobrotus edulis</i> )		x	x	x	x
ice plant, rosea ( <i>Drosanthemum floribundum</i> )		x	x	x	x
ice plant, white trailing ( <i>Delosperma alba</i> )		x	x	x	x
impatiens ( <i>Impatiens spp.</i> )			x		x
iris ( <i>Iris spp.</i> )	dwarf blue wedgewood		x x		x x
ivy, English ( <i>Hedera helix</i> )	Bulgaria thorndale		x x		x x
jasmine, Asian ( <i>Trachelospermum asiaticum</i> )			x		x
jasmine, star ( <i>Trachelospermum jasminoides</i> )			x		x

juniper ( <i>Juniperus</i> spp.)	Arcadia		x		x
	Armstrong		x		x
	bar harbor		x		x
	blue chip		x		x
	blue Pacific		x		x
	blue rug		x		x
	blue star		x		x
	broadmoor		x		x
	buffalo		x		x
	calgary carpet		x		x
	emerald sea		x		x
	emerald spreader		x		x
	endora compacta		x		x
	fruitlandi		x		x
	green		x		x
	gold tip		x		x
	hetzi		x		x
	hughes		x		x
	Manhattan blue		x		x
	parsoni		x		x
	pfitzeriana		x		x
	plumosa		x		x
	Prince of Wales		x		x
	procumbens dwarf		x		x
	San Jose		x		x
	sargent blue		x		x
	sargent green		x		x
	scandia		x		x
	scopulorum moonglow		x		x
	spartan		x		x
tamariscifolia		x		x	
weberi		x		x	
Youngstown		x		x	
Yukon belle		x		x	
juniper ( <i>Juniperus chinensis</i> )	gold coast	x	x	x	x
	torulosa – Hollywood twisted	x	x	x	x
juniper ( <i>Juniperus procumbens nana</i> )	prostrate Japanese garden	x	x	x	x
juniper ( <i>Juniperus sabina</i> 'tamariscifolia')	tamarix	x	x	x	x
juniper ( <i>Juniperus scopulorum</i> )	scopulorum skyrocket	x	x	x	x
king palm ( <i>Archontophoenix cunninghamiana</i> )		x	x	x	x
laurel, Carolina cherry ( <i>Prunus caroliniana</i> )	bright n' tight	x	x	x	x
laurel, mountain ( <i>Kalmia latifolia</i> )			x		x
leucothoe ( <i>Leucothoe fontanesiana</i> )			x		x
ligustrum, Japanese ( <i>Ligustrum japonicum</i> )			x		x
lily ( <i>agapanthus spp.</i> )	streamline		x		x
Lily of the Nile ( <i>agapanthus africanus</i> )	Albus		x		x
	Peter Pan		x		x

lilyturf ( <i>Liriope muscari</i> )	evergreen giant lilac beauty majestic monroe white silvery sunproof variegata	x	x	x	x
lilyturf, creeping ( <i>Liriope spicata</i> )			x		x
maple, amur ( <i>Acer ginnala</i> )	emerald elf	x	x	x	x
maple, Japanese ( <i>Acer palmatum</i> )			x		x
maple, Norway ( <i>Acer platanoides</i> )			x		x
maple, red† ( <i>Acer rubrum</i> )	red sunset	x	x	x	x
maple, silver ( <i>Acer saccharinum</i> )			x		x
maple sugar† ( <i>Acer saccharum</i> )			x		x
marigold ( <i>Tagetes patula</i> )	honeycomb variegata wheeleris dwarf		x		x
mock orange* ( <i>Philadelphus</i> spp)	golden snowflake double white		x		x
mondo grass ( <i>Ophiopogon japonicus</i> )			x		x
moss rose ( <i>Portulaca grandiflora</i> )	sunnyside		x		x
mountainash ( <i>Sorbus aucuparia</i> )			x		x
myrtle, crape ( <i>Lagerstroemia indica</i> )	faurei langer muskogee standard pink		x		x
myrtle, wax ( <i>Myrica californica</i> )			x		x
narcissus ( <i>Narcissus</i> spp.)			x		x
oak, laurel ( <i>Quercus laurifolia</i> )			x		x
oak, pin ( <i>Quercus palustris</i> )			x		x
oak, red ( <i>Quercus rubra</i> )			x		x
oak, southern ( <i>Quercus virginiana</i> )			x		x
oak, willow ( <i>Quercus phellos</i> )			x		x
oleander ( <i>Nerium oleander</i> )	hardy red petite pink sister agnes		x		x
osteospermum ( <i>Osteospermum fruticosum</i> )	whirligig		x		x
pachysandra ( <i>Pachysandra terminalis</i> )			x		x
palm, king ( <i>Archontophoenix cunninghamiana</i> )			x		x

palm, queen ( <i>Syagrus romanzoffianum</i> )		x	x	x	x
pampas grass ( <i>Cortaderia selloana</i> )			x		x
pansy ( <i>Viola x wittrockiana</i> )			x		x
paper flower ( <i>Bougainvillea glabra</i> )	Barbara Karst	x	x	x	x
peach† ( <i>Prunus persica</i> )			x		x
periwinkle, dwarf ( <i>Vinca minor</i> )			x		x
petunia ( <i>Petunia x hybrida</i> )	picoti		x		x
photinia, red tip ( <i>Photinia x fraseri</i> )			x		x
pieris ( <i>Pieris taiwanensis</i> )			x		x
pieris, Japanese ( <i>Pieris japonica</i> )	mountain fire		x		x
pine, Afghan ( <i>Pinus eldarica</i> )		x	x	x	x
pine, Austrian black ( <i>Pinus nigra</i> )		x	x	x	x
pine, Japanese black ( <i>Pinus thunbergia</i> )			x		x
pine, loblolly ( <i>Pinus taeda</i> )			x		x
pine, longleaf ( <i>Pinus palustris</i> )			x		x
pine, mugo or Swiss Mt. ( <i>Pinus mugo</i> )			x		x
pine, Scotch ( <i>Pinus sylvestris</i> )			x		x
pine, slash ( <i>Pinus elliotii</i> )			x		x
pine, Virginia ( <i>Pinus virginiana</i> )			x		x
pine, white ( <i>Pinus strobus</i> )		x	x	x	x
pineapple, guava* ( <i>Feijoa sellowiana</i> )			x		x
pittosporum, tobira ( <i>Pittosporum tobira</i> )	Wheeler's dwarf	x	x	x	x
plumbago, cape ( <i>Plumbago auriculata</i> )	royal cape	x	x	x	x
potentilla ( <i>Potentilla fruticosa</i> ) ) ( <i>Potentilla nepalensis</i> )	abbotswood		x x		x x
privet ( <i>Ligustrum x vicaryii</i> ) ( <i>Ligustrum japonicum</i> )	golden vicary regal texanum yellow tipped		x x x x		x x x x
privet, glossy ( <i>Ligustrum lucidum</i> )			x		x

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Pyracantha or firethorn (Pyracantha x 'Gnome') (Pyracantha coccinea) (Pyracantha koidzumii)	gnome lalandei victory	x	x x x	x	x x x
queen palm (Arecastrum rammanzoffianum)			x		x
quince, Japanese* (Chaenomeles japonica)			x		x
Rhododendron (Rhododendron spp)	album Cunningham white PJM purple gem silvery pink		x x x x x		x x x x x
rhododendron, Carolina (Rhododendron carolinianum)			x		x
rhododendron, catawba (Rhododendron catawbiense)			x		x
rhododendron, rhodie max – rosebay (Rhododendron maximum)			x		x
ribbon grass (Phalaris arundinacea)			x		x
rockcress (Arabis caucasica )	snowcap		x		x
Rose* (Rosa banksiae)	luta		x		x
rose, knockout shrub (Rosa spp. hybrid)	knockout	x	x	x	x
Rosemary* (Rosmarinus officinalis)			x		x
rosemary, bog (Andromeda polifolia)	nana		x		x
salvia (Salvia farinacea)	rhea		x		x
sedum (Sedum spurium)	dragon blood red red carpet yellow		x x x		x x x
smoketree, royal purple (Cotinus coggygria)	royal purple		x		x
snapdragon (Antirrhinum spp.)			x		x
snowball, common (Viburnum opulus)	sterile	x	x	x	x
sourwood (Oxydendrum arboreum)			x		x
spiraea (Astilbe X arendsii)	fanall		x		x
spiraea (Spiraea spp.)	Anthony Waterer red dolchica froebeli pink goldenflame red snowmound white Van Houtte white		x x x x x x		x x x x x x
spiraea, garland (Spiraea x arguta) .)			x		x
spruce, Black Hills (Picea glauca var densata)			x		x
spruce, Colorado blue (Picea pungens)	glauca	x	x	x	x



spruce, Norway ( <i>Picea abies</i> )			x		x
spruce, white ( <i>Picea glauca</i> )	conica		x		x
sweetflag grass ( <i>Acorus calamus</i> )			x		x
sweetgum ( <i>Liquidambar styraciflua</i> )			x		x
sycamore, American ( <i>Platanus occidentalis</i> )			x		x
tea tree, New Zealand ( <i>Leptospermum scoparium</i> )	ruby glow	x	x	x	x
tree fern (tiki fern) ( <i>Asparagus virgatus</i> )			x		x
trumpet flower or Carolina Jessamine ( <i>Gelsemium sempervirens</i> )			x		x
tufted hairgrass ( <i>Deschampsia caespitosa</i> )			x		x
tulip ( <i>Tulip spp</i> )	apeldorn		x		x
verbena, shrub ( <i>Lantana sellowiana</i> )			x		x
Verbena, St. Paul's ( <i>Verbena peruviana.</i> )	St. Paul		x		x
viburnum ( <i>Viburnum spp.</i> )	American cranberry bush arrowood European cranberry bush linden Mohican wright		x x x x x x		x x x x x x
vinca (periwinkle) ( <i>Vinca minor</i> )			x		x
windmill palm ( <i>Trachycarpus fortunei</i> )			x		x
xylosma ( <i>Xylosma congestum</i> )			x		x
yarrow ( <i>Achillea spp.</i> )			x		x
yaupon ( <i>Ilex vomitoria</i> )	dwarf		x		x
yew ( <i>Taxus cuspidata</i> ) ( <i>Taxus x media</i> )	capitata denisiformis	x	x x	x	x x

\*Ornamental species only. Do not apply this product directly to plants that are grown for food.

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### STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**Pesticide Storage:** Store this product only in its original container. In case of spill, sweep up material and dispose of material according to label directions.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

**EMPTY CONTAINER DISPOSAL:** Nonrefillable container. Offer for recycling, if available Completely empty bag into application equipment. Dispose of empty bag(s) in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### CONDITIONS OF SALE AND WARRANTY

J.R. Simplot Company warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. To the extent consistent with applicable law J.R. SIMPLOT COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage and use of the product by Buyer or User are beyond the control of J.R. Simplot Company and Seller. To the extent consistent with applicable law risks such as crop injury, ineffectiveness or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pest, drift to other crops or property or failure to follow label directions will be assumed by the Buyer or User. To the extent consistent with applicable law, in no case will J.R. Simplot Company or Seller be held liable for consequential, special or indirect damages resulting from the handling, storage or use of this product.

DIMENSION® is a registered trademark of Dow AgroSciences LLC.

[Note: One or more of the following statements may be included on the label]

Controls [tough] weeds [such as crabgrass] [barnyardgrass] [annual bluegrass] [barley] [brome] [crowfootgrass] [seedling dallisgrass] [giant foxtail] [green foxtail] [yellow foxtail] [goosegrass] [kikuyugrass] [Mary's grass] [wild oats] [annual and perennial ryegrass] [sandbur] [smutgrass] [bittercress] [carpetweed] [chickweed] [Carolina geranium] [henbit] [prostrate knotweed] [commons lespedeza] [marestail] black medic] mulberry weed] [mustard] [oxalis] [pineappleweed] [parsley-piert] [redroot pigweed] [common purslane] [London rocket] [shepherdspurse] [corn speedwell] [garden spurge] [prostrate spurge] spotted spurge] [creeping woodsorrel] [yellow woodsorrel]

And/or

Now with Biodac

A consistent sized granular carrier that is virtually dust free and environmentally friendly.

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And/or

Provides pre-emergence control for annual grasses and many broadleaf weeds

And/or

Low percent active ingredient provides effective control at labeled rates.

And/or

Safe on the wide range of ornamentals listed on the label.

And/or

Apply [early spring], [spring], [late spring]

And/or

EPA Master Label

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**Apply in the fall for annual bluegrass, chickweed, henbit and other winter weeds**

And/or

**Provides early post emergent crabgrass control**

And/or

**Season Long Crabgrass Control**

And/or

**Season Long Crabgrass Prevention**

And/or

**Prevents crabgrass and other weeds like [spurge], [oxalis] from germinating**

And/or

**For use on cool season and warm season turf grass**