

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

NOV 2 6 2003

Alice Walker, Ph.D. Agent for Agriliance, LLC 481 Country Club Drive Senatobia, MS 38668

Dear Dr. Walker

Subject: Magic Carpet™ Fertilizer With Barricade® 0.38%
Registration No. 9779-357

Application and Letter Dated November 8, 2003, Request
To Amend Register Described on Application as:
"Amendment to First Aid per PR Notice 2001-1"

The subject labeling amendments have been reviewed and found acceptable under the Federal Insecticide, Fungicide and Rodenticides Act, FIFRA, as amended; provided that you:

- 1. Return the "If material is spilled" paragraph to the "Environmental Hazards" section, as it was.
- 2. As this product allows use by home owner, you must add the directions on disposal as instructed in PR Notice 2001-6.
- 3. If this product is marketed to homeowner, add more complete directions on applying this product to lawns and landscape ornamentals. The equipment that may be used and how to calibrate the equipment should be addressed. The directions as given on the proposed labeling is inadequate for a home owner use product, although it has been accepted for the commercial consumer.
- 4. The use of the descriptor "selective" to describe the pesticide product must be followed by a definition of the word as it is used in context with the labeling, or alternatively delete this descriptor where ever it occurs on this label.
- 5. Submit one copy of the final printed labeling prior to shipping under the revised labeling.

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 this product under the revised labeling constitutes acceptance of these conditions. A stamped copy of the conditionally accepted labeling is enclosed for your records.

Sincerely yours,

Joanne I. Miller

Product Manager (23)

Herbicide Branch

Registration Division (7505C)

Enclosure

ProSource One

MAGIC CARPETTM FERTILIZER WITH BARRICADE® 0.38%

For selective preemergence control of grass and broadleaf weeds in established turf grasses (excluding golf course putting greens) and lawns and landscape ornamentals (including established perennials & wildflower plantings). *

ACTIVE INCRUDIENT.		and the second of the second	* * * * * * * * * * * * * * * * * * *
Prodiamine, [N³, N³-Di-n-propyl-2,4-dinitro-6-(trifluoro	methyl)- <u>m</u> -phen	ylenediamine]	0.38%
OTHER INGREDIENTS:			
TOTAL			00.00%

Barricade[®] is a registered trademark of Syngenta. Magic Carpet™ is a trademark of Agriliance, LLC.

Guaranteed Fertilizer Analy (will vary depending on grade used)	sis
Total Nitrogen (N)	00%
0.0% Ammoniacal nitrogen	
0.0% Urea nitrogen	
Available Phosphate (P ₂ O ₅)	00%
Soluble Potash (K ₂ O)	
Derived from urea, monoammonium phosphate, ar	nd potassium chloride.

KEEP OUT OF REACH OF CHILDREN **CAUTION**

FIRST AID

If in Eyes	 Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
TO 01:	Take off contaminated clothing.
If on Skin or	• Rinse skin immediately with plenty of water for 15-20 minutes.
Clothing	Call a poison control center or doctor for treatment advice.
	Move person to fresh air.
If Inhaled	• If person is not breathing, call 911 or an ambulance, then give artificial respiration,
	preferably by mouth-to-mouth, if possible.
	• Call a poison control center or doctor for treatment advice.

treatment. You may also contact 1-877-424-7452 for emergency medical treatment information.

EPA Reg. No. 9779-357

Distributed by: AGRILIANCE, LLC P.O. BOX 64089 St. Paul, MN 55164-0089

with	COMM	TIVTS
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110	14-5-6.	ZINGCU:

EPA Est	. No

Net Weight:

Under the Federal Insecticide, Fungicide, and Badantiside det, as amended. Or he resticide

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

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

ENVIRONMENTAL HAZARDS

This product has low solubility in water. At the limits of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility, it may be toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment washwaters.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

If material is spilled: Contain and sweep up material of spill for disposal or use per label instructions. Wash cleanup equipment to prevent contamination elsewhere. Excess quantities above normal application rates could result in damage to plants subject to spill. Water-in remainder, disc under, cover with layer of soil, or leave exposed to sunlight, as deemed appropriate to the situation.

Storage: Store in original container away from other fertilizer, feed, or food stuffs and separated from other pesticides.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal:

Paper Containers: Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or at an incineration facility, or; if allowed by state and local authorities, by burning locally. If burned, stay out of smoke.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

This product is a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds in:

- Established turf grasses (excluding golf course putting greens) and lawns
- Landscape ornamentals
- Established perennials & wildflower plantings

This product controls susceptible weeds by inhibiting weed seed germination and root development. Most effective weed control will be obtained when this product is activated by at least 0.5 inches of rainfall or irrigation, or with shallow (1-2 inches) incorporation, prior to weed seed germination and within 14 days following application.

Not for use on plants being grown (1) for sale or other commercial use, (2) for commercial seed production, or (3) for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds.

Do not graze or feed livestock forage cut from areas treated with this product.

Do not apply this product through any type of irrigation system.

Do not apply aerially.

Do not apply to golf course putting greens.

Failure to follow the directions for use and precautions on this label may result in poor weed control, crop injury, or illegal residues.

APPLICATION DIRECTIONS

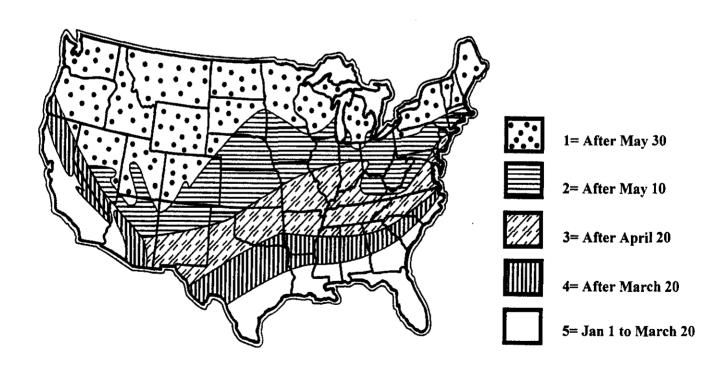
Apply uniformly through suitable, calibrated application equipment.

ESTABLISHED TURF

This product is a selective preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turf grasses and lawns. The maximum amount of this product that may be applied per year is given for each turf grass species in the "Maximum Annual Rates" section of this label.

Most effective weed control in turf grasses will be obtained when this product is activated by at least 0.5 inches of rainfall or irrigation prior to weed seed germination and within 14 days following application. See the map below for approximate crabgrass seed germination dates.

APPROXIMATE CRABGRASS SEED GERMINATION DATES



USE PRECAUTIONS

The following precautions apply to the use of this product in turf grasses and lawns:

(1) Application of this product may thin emerged annual bluegrass and newly overseeded grasses.

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

RATES OF APPLICATION

This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. All applications must be made prior to germination of the target weeds. This product will not control established weeds.

Maximum use rate selection should be based on turf species. The length of time of residual weed control provided by this product is related to the rate applied.

MAXIMUM ANNUAL RATES

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

	plication Rate Per Co Turf Grass Species	
Turf Species	Lbs. Product/A	Lbs. ai/A
Bermudagrass ²	400³	1.5
Bahiagrass		
Centipedegrass		
Seashore Paspalum		
St. Augustinegrass		
Tall Fescue	}	
(including turf-type)		
Zoysia		
Buffalograss	267	1.0
Kentucky Bluegrass		
Perennial Ryegrass		
Creeping Red Fescue	200	0.75
Creeping Bentgrass	175	0.65

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

² May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 139 lbs./A or 3.1 lbs./1000 sq. ft. Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of Foxtail, Goosegrass and Rescuegrass due to reduced product rates used in sprigging situations.

³ Do not apply more than 400 lbs. of product per calendar year.

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

WEEDS CONTROLLED

When used in accordance with this label this product will provide control of the following weeds:

Barnyardgrass

Bluegrass, Annual (Poa annua)

Crabgrass (large, smooth)

Crowfootgrass

Cupgrass, Woolly Foxtails, Annual

Goosegrass¹

Itchgrass

Johnsongrass (from seed)

Junglerice Lovegrass

Panicum (Texas, Fall, Browntop)

Rescuegrass³

Signalgrass, Broadleaf

Sprangletop

Carpetweed

Chickweed, Common

Chickweed, Mouseear (from seed)

Henbit

Knotweed

Kochia

Lambsquarter, Common

Pigweed

Purslane, Common

Pusley, Florida Shepherdspurse²

Speedwell, Persian

Spurge, Prostrate Witchgrass

Woodsorrel, Yellow (from seed)

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

WHEN TO APPLY AFTER OVERSEEDING TURF

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

WHEN TO OVERSEED AFTER APPLICATION

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

¹ In many areas a single application of 175 to 400 lbs./A of this product will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained by making an initial application of 175 to 267 lbs./A followed after 60 to 90 days by a second application at doses that would not exceed those given in the "Maximum Annual Rates" table. Do not exceed the maximum rate for turf grass species listed in the "Maximum Annual Rates" table above.

²Applications for this weed should be made in late summer, fall, or winter prior to germination.

³ Suppression only.

Magic Carpet Fertilizer with BARRICADE Rate (lb./A)		Months Before Overseeding		ling
Product	ai	North	Transition	South
132	.50	4	4	4
175	.66	5	4	4
195	.74	6	5	5
213	.80		6	6
267	1.00		7	7
305	1.14			9
343	1.50			ΙÚ
400	1.50			12

LANDSCAPE ORNAMENTALS

(including Established Perennials and Wildflower Plantings)

This product may be applied for residual preemergence weed control in ornamentals.

USE RATES

Apply this product at 175 to 400 lbs./A in fall and/or spring. Use higher rates of application for longer control periods. Sequential or single applications are allowed so long as the total amount of product applied does not exceed the maximum annual application rate of 400 lbs./A.

APPLICATION TIMING AND INFORMATION

This product is a preemergence herbicide and will not control emerged weeds. Most effective weed control in ornamentals will be obtained when this product is activated by at least 0.5 inches of rainfall or irrigation, or with shallow (1 to 2 inches) mechanical incorporation, prior to weed seed germination and within 14 days following application.

Best weed control is obtained when this product is applied to soil free of clods, weeds, and debris such as leaves. Prior to application of this product, control existing vegetation by hand weeding, cultivation or the use of an appropriate postemergence herbicide.

ESTABLISHED LANDSCAPE ORNAMENTALS

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

NEWLY TRANSPLANTED LANDSCAPE ORNAMENTALS

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

TOLERANT ORNAMENTAL SPECIES

This product will not harm most trees, shrubs, vines, and flowers. The species listed below are tolerant to this product. Best results will be obtained when this product is uniformly applied to the soil surface; avoid applying to ornamental shoots which may defeat the effort to get uniform distribution on the soil surface. This product may be applied over the top of these species.

When plants are under stress (such as heat, drought, or frost damage), some cultivars of listed plants may be sensitive to this product.

Scientific name

Abies spp.

Abelia grandiflora Acer palmatum

A. platanoides

Achillea spp.

Actinidia chinensis

Agapanthus africanus

Agapanthus orientalis

Akebia quintata

Allium cornuum

Anemone hybrida

Aquilegia spp.

Arctostaphylos densiflora

Arctotheca calendula

Artemesia spp.

Aster spp.

Aster X Frikartii

Athrium Filiz-femina

Aucuba japonica

Begonia spp.

Berberis gladwynensis

B. julianae

B. mentorensis

B. thunbergii

B. verruculosa

Bergenia cordifolia

Boltonia asteroides

Bougainvillea spp.

Buddleia davidii

Buxus microphylla

Callistemon viminalis

Calluna vulgaris

Campanula carpatica

Campis X Tagliabuana

Carpobrotus edulis

Cassia artemisoides

Ceanothus rigidus

Ceratostigma plumbagonoides

Chamaecyparis pisifera

Chrysanthemum nipponicum

Cleyera japonica

Citrus spp.

Coreopsis spp.

Cornus florida

C. stolonifera

Cortaderia selloana

Cotoneaster apiculatus

C. buxifolius

C. dammeri

C. microphyllus

Cretaegus spp.

Crocosmia spp.

Common name

Fir species** (Balsam, Fraser, Noble, etc.)

Abelia: Sherwood Japanese Maple

Norway Maple

Yarrow: King Edward

Kiwi*

Lily-of-the-Nile (African Lily)

Five-Leaf or Chocolate Vine

Lady's Leek, Nodding Onion

Japanese Anemone

Aquilegia: Red and Gold

Vine Hill Manzanita

Cape Weed

Wormwood: Silver Mound, Castle

Aster: Bonny Blue, Purple Dome

Lady Fern: Fern Lady

Japanese Aucuba

Fibrous Begonia: Hardy Grandis

Barberry

Wintergreen Barberry

Mentor Barberry

Japanese Barberry

Warty Barberry

Snowbank

Bougainvillea

Butterfly-Bush (Dwarf Blue): Royal Red

Japanese Boxwood

Weeping Bottlebrush

Scotch Heather

Tussock Bellflower, (White Clips)

Trumpet Creeper, Trumpet Flower,

Madame Galen

Hottentot Fig (Ice Plant)

Feathery Cassia

Wild Lilac

False Cypress

Clevera

Citrus species*

Coreopsis (Calliopsis): Early Sunrise,

Moonbeam

Flowering Dogwood American Dogwood

Pampas Grass

Cranberry Cotoneaster

Cotoneaster

Bearberry Cotoneaster

Rockspray Cotoneaster

Hawthorne

Lucifer

Cupressus sempervirens

Delosperma alba Delosperma spp.

Delphinium spp.
Dianthus deltoides

D. gratianopolitanus

Dodonea viscosa

Echinacea pupurea

Elaeagnus pungens Euonymus fortunei

E. japonica

E. kiautschovica

Fatsia japonica

Forsythia intermedia

F. suspensa F. viridissima

Gaillardia spp.

Gardenia jasminoides

Gaura spp.

Gentiana dahurica Geranium cinereum

Gladiolus spp.

Gypsophila repens

Hedera helix Hellanthemum spp.

Hemerocallis spp.

Hibiscus

Hibiscus spp.
Hibiscus rosa-sinensis

Hosta plantaginea H. Sieboldiana

Houttuynia cordata var. variegata

Hydrangea macrophylla

Ilex cornuta
I. crenata
I. opaca

I. pernyi

I. vomitoria Inula ensifolia

lris ensata Iris siberica

Iris spp.

Jasminium nudiflorum Juniperus chinensis

J. conferta J. horizontalis Juglans spp.

Justicia brandegeana Lagerstromia indica

Lagerstromia indica X Fauriei

Lantana montevidensis

Lavender spp.

Leontopodium alpinum Ligustrum sinense Ligustrum amurense Italian Cypress

White Trailing Ice Plant

Cooperi Pink

Larkspur: Blue Elf

Dianthus: Maiden Pinks "Zing"

Cheddar Pink Hop Bush

Coneflower, Purple; Magnus

Silverberry Wintercreeper

Japanese Spindle Tree (Evergreen Euonymus)

Spreading Euonymus

Japanese Aralia Border Forsythia Weeping Forsythia Greenstem Forsythia

Gaillardia, Blanket Flower: "Goblin" Gardenia, Cape-Jasmine, Radicans

Gentian

Cranesbill

Gladiolus species**
Baby's Breath
English Ivy
Sunrose

Daylily: Aztec Gold, Stella de Oro, Tender

Love

Rose of Sharon**

Mallow: Disco Belle White

Chinese Hibiscus

Hosta, Plantain Lily (Fragrant)

Hosta, "Searsucker"

Bigleaf Hydrangea Chinese Holly

Japanese Holly: Helleri

American Holly Holly

Yaupon Holly: Schillings

Sword-Leaved Iris:Jodlesong

Siberian Iris: Cabernet

Iris species**
Winter Jasmine

Chinese Juniper: Nick's Compact, Parsonnii

Shore Juniper: Blue Pacific

Creeping Juniper

Walnut* Shrimp Plant Crape Myrtle

Crape Myrtle: Tuscarora Weeping Lantana Lavender: Munstead

Edelweiss

Chinese Privet: Variegata

Amur Privet

L. japonicum L. lucidum Lilium spp. Liriope muscari

Liriope Muscari var. variegata

Liriope spicata Lobelia Cardinalis Lonicera japonica

L. tatarica

Loropetalum chinense

Lythrum spp. Magnolia spp. Maleophora luteola

Malus spp.

Miscanthus sinensis Nandina domestica Narcissus spp. Nerium oleander Olea europaea

Ophiopogon japonicus Osmanthus heterphyllus Osteospermum fruticosum Oxydendrum arboreum Paeonia suffruticosa Pennisetum setaceumi Perovskia atriplicifolia Persea americana Photinia fraseri Physotegia Viginiana

Picea spp.

Pieris japonica Pinus brutia P. canariensis P. elliottii P. halepensis P. nigra P. palustrus P. radiata P. thunbergiana P. strobus

P. sylvestris P. taeda P. virginiana Pistachio spp.

Pittosporum rhombifolium

P. tobira

Podocarpus macrophyllus Prunus laurocerasus

Prunus spp.

Pseudotsuga menziesii Pyracantha coccinea

P. fortuneana P. koidzumii

Japanese Privet

Glossy Privet (Waxleaf)

Lily: Jazz

Big Blue Lily: Turf: Silver Mound: Evergreen

Giant

Liriope, Variegated Liriope, Creeping

Cardinal Flower, Indian Pink Japanese Honeysuckle Tatarian Honeysuckle

Burgundy

Loosestrife Modern Pink

Magnolia species**

Ice Plant Crabapple*

Yaku Jima, Silberfeder Heavenly Bamboo Narcissus species**

Oleander Olive* Mondo Grass

Osmanthus (False Holly): Gulf Tide

Trailing African Daisy

Sourwood Tree Peony

Fountain Grass (Dwarf)

Avocado*

Frasier's Photinia (Redtip) Dragonhead, False: Vivid

Spruce species**(Colorado Blue, Norway,

etc.)

Lily-of-the-Valley Bush

Calabrian Pine Canary Island Pine

Slash Pine Aleppo Pine Austrian Pine Longleaf Pine Monterey Pine Japanese Black Pine Eastern White Pine Scotch Pine Loblolly Pine

Virginia Pine Pistachio*

Queensland Pittosporum Japanese Pittosporum

Japanese Yew English Laurel

Almond, Apricot, Nectarine, Peach, Plum and Prune*

Douglas Fir** Firethorn (Scarlet)

Firethorn Firethorn

Pyrus spp.
Quercus Shumardii
Quercus spp.
Raphiolepis indica
Raphiolepsis umbellata
Rhododendron
(including Azalea)

Rosmarinus officinalis
Rudbeckia spp.
Santolina virens
Saxifraga spp.
Scabiosa spp.
Sedum album
Sedum cauticola
Sedum dasyphyllum
Sedum spurium
Spiraea Bumalda
Syzygium paniculatum
Taxus cuspidata
T. media
Teucrium spp.

Thalictrum dipterocarpum

Thuja occidentalis

Trachelospermum asiatum Tsuga canadensis

Tulipa spp.
Veroniac spp.
Viburnum japonicum
V. odoratissimum
V. plicatum
V. rigidum
V. suspensum

V. tinus
V. trilobium
V. wrightii
Vinca major
Vinca minor
Vitis spp.

Weigela florida Yucca aloifolia Y. filamentosa Bradford Pear sp. Oak, Shumard's Red

Oak species Indian Hawthorne Yedda Hawthorn

Coral Bells, Delaware Valley White, Flame Creeper, Formosa, George L. Tabor, Girard Crimson, Hino-crimson, PJM, Roseum Elegans, Wakeiebisu, White Gumpo

Rosemary*

Black-Eyed Susan: Goldstrum

Santolina

Saxifrage: Purple Dome Pincushion Flower

Stonecrop

Stonecrop: Lidakense

Stonecrop

Stonecrop: Dragon's Blood Spirea: Anthony Waterer Australian Brushcherry

Japanese Yew

Yew
Germander
Meadow Rue
American Arborvitae
Star Jasmine
Canada Hemlock

Tulip species
Veronica, Speedwell: Sunny Border

Japanese Viburnum
Sweet Viburnum
Japanese Snowball
Canary Island Viburnum
Arrowood Viburnum

Laurustinus
Cranberry Bush
Leatherleaf Viburnum
Greater Periwinkle, Vinca
Common Periwinkle, Vinca

Grape*

Old Fashioned Weigela Spanish Bayonet, Yucca Adam's Needle, Yucca

Notice of Warranty: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR IS ANY REPRESENTATIVE OF SELLER AUTHORIZED TO MAKE ANY SUCH WARRANTY OR MODIFY THESE TERMS. This warranty does not extend to the storage, handling or use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such storage, handling or use. Seller shall not be responsible for incidental or consequential damages, if any, resulting from a breach of warranty.

^{*}Do not use on food-producing trees, vines, or plants.

^{**}Not for use on container-grown plants.