



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

January 17, 2024

Lisa Mathias  
Registration Specialist  
Winfield Solutions, LLC  
P.O. Box 64589  
St. Paul, MN 55164-0589

Subject: Label Amendment - Registration Review Mitigation for prodiamine  
Product Name: Magic Carpet Fertilizer with Barricade .38  
EPA Registration Number: 9779-357  
Application Date: July 15, 2019  
Decision Number: 553179

Dear Lisa Mathias:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the prodiamine Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling

before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Concepción Rodríguez by phone at 202-566-0820, or via email at [concepcion.rodriguez@epa.gov](mailto:concepcion.rodriguez@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington".

Linda Arrington, Branch Chief  
Risk Management and Implementation Branch 4  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

ENCLOSURE: Stamped label

## MAGIC CARPET™ FERTILIZER WITH BARRICADE® .38

**ACTIVE INGREDIENT:**

Prodiamine<sup>1</sup> .....0.38%

**OTHER INGREDIENTS:** .....99.62%

**TOTAL** .....100.00%

<sup>1</sup>CAS No. 29091-21-2

**This product is a 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

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

### FIRST AID

<b>If Swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<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>
<b>If on Skin or Clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

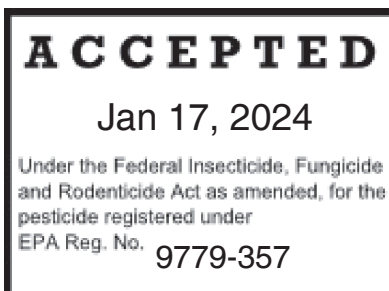
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-424-7452 for emergency medical treatment information.

EPA Reg. No. 9779-357

EPA Est. No. \_\_\_\_\_

Distributed by:  
Winfield Solutions, LLC  
P.O. Box 64589  
St. Paul, MN 55164-0589

Net Weight: \_\_\_\_\_



2/0523/3

**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 wash water.

**NON-TARGET ORGANISM ADVISORY STATEMENT:** This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

**If material is spilled:** Contain and sweep up material of spill for disposal as 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 AND DISPOSAL**

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

**STORAGE**

Store in original container away from other fertilizer, feed, or foodstuffs and separated from other pesticides.

**PESTICIDE DISPOSAL**

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

**CONTAINER DISPOSAL**

**Paper and plastic bags: Nonrefillable Container.** Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or 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.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on plants being grown for sale or other commercial use, for commercial seed production, or 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.

This product is a 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, and 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.

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

### WEED RESISTANCE MANAGEMENT

For resistance management, this product contains a Group 3 herbicide, proflumicafone. Any weed population may contain or develop plants naturally resistant to this product and other Group 3 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. Appropriate resistant management strategies should be followed.

To delay herbicide resistance, take one or more of the following steps:

- Rotate the use of this product or other Group 3 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds.
- Apply this herbicide at the correct timing and rate needed to control the most difficult weed identified on the site.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use, and that considers mechanical control methods, cultural, biological, and other management practices.
- Scout the application site prior to application to identify the weed species present and their growth stage to determine if the intended application will be effective.
- Scout the site after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species.
- If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method. Prevent movement of resistant weed seeds by cleaning equipment before moving to a different site.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local Winfield Solutions, LLC representative, extension specialist, or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific types of plants and weed biotypes.
- For further information or to report suspected resistance, contact your Winfield Solutions, LLC representative.

### APPLICATION DIRECTIONS

This product must be applied prior to crabgrass seed germination and prior to germination of seed of the other weeds listed on this label. Apply uniformly through suitable, calibrated application equipment.

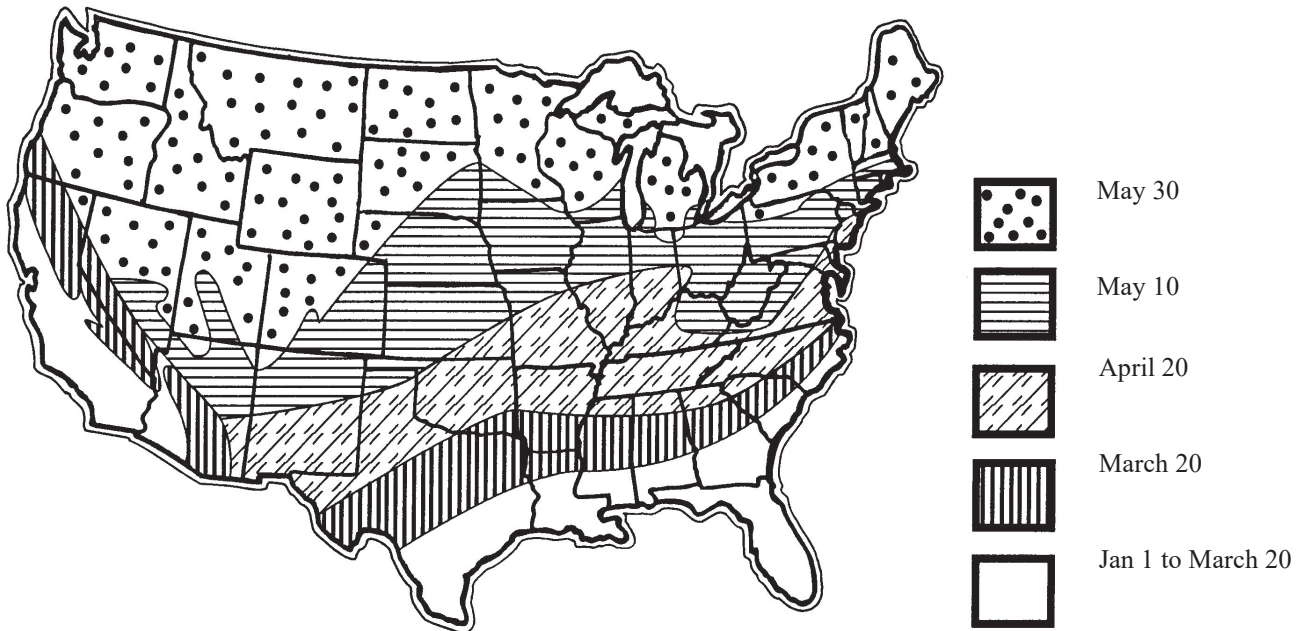
### ESTABLISHED TURF

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 **Table 1. Maximum Annual Rates** on 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.

**CRABGRASS GERMINATION DATES**

Approximate Date

**USE PRECAUTIONS**

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

1. Do not graze or feed livestock forage cut from areas treated with this product.
2. Do not use on food producing plants.
3. Do not apply this product through any type of irrigation system.
4. Do not apply aerially.
5. Do not apply to golf course putting greens.
6. Application of this product may thin emerged annual bluegrass and newly overseeded grasses.
7. Do not apply to over seeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if applied before seedling secondary roots are in the second inch of soil, not thatch plus soil.
8. Do not cut (harvest) treated sod before 120 days after application. Do not apply to newly set sod until the following year.
9. Application of this product to turf stressed by drought, low fertility, or pest damage may result in turf injury.
10. Disturbing the herbicide barrier with cultural practices, such as disking may result in reduced weed control.
11. Do not apply this product to putting greens or areas where dichondra, colonial bentgrass, velvet bentgrass, or annual bentgrass (*Poa annua*) are desirable species.
12. Keep this product off sidewalks, patios, driveways, etc. This product contains materials which will stain concrete and painted surfaces. If it comes in contact with a concrete surface, sweep off immediately before flushing with water. If concrete is wet when contact occurs, staining may be impossible to prevent. Be careful when using rotary spreaders which scatter product beyond lawn edge and onto concrete.

**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.

Do not exceed the Maximum Annual Rate per calendar year (See Table 1.).

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:

<b>Table 1 Maximum Application Rates<sup>1</sup></b>		
<b>Turf Species</b>	<b>Lbs. Product/A</b>	<b>Lbs. ai/A</b>
Bermudagrass <sup>2</sup> Bahigrass Centipedegrass Seashore Paspalum St. Augustinegrass Tall Fescue (including turf-type) Zoysia	400 <sup>3</sup>	1.5
Buffalograss Kentucky Bluegrass Perennial Ryegrass	267	1.0
Creeping Red Fescue	200	0.75
Creeping Bentgrass	175	0.65

<sup>1</sup> These are the maximum rates per calendar year by species limitations.

<sup>2</sup> 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.

<sup>3</sup> 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 application rates specified in **Table 1. Maximum Application Rates.**

### WEEDS CONTROLLED

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

Barnyardgrass	Carpetweed
Bluegrass, Annual ( <i>Poa annua</i> )	Chickweed, Common
Crabgrass (large, smooth)	Chickweed, Mouseear (from seed)
Crowfootgrass	Henbit
Cupgrass, Woolly	Knotweed
Foxtails, Annual	Kochia
Goosegrass <sup>1</sup>	Lambsquarter, Common
Itchgrass	Pigweed
Johnsongrass (from seed)	Purslane, Common
Junglerice	Pusley, Florida
Lovegrass	Shepherdspurse <sup>2</sup>
Panicum (Texas, Fall, Browntop)	Speedwell, Persian
Rescuegrass <sup>3</sup>	Spurge, Prostrate
Signalgrass, Broadleaf	Witchgrass
Sprangletop	Woodsorrel, Yellow (from seed)

<sup>1</sup> 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 **Table 1. Maximum Application Rates**. Do not exceed the maximum rate for turf grass species listed in **Table 1. Maximum Application Rates**.

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

<sup>3</sup> Suppression only.

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.

**TABLE 2. Months After Application Before Overseeding.**

<b>Rate Lbs. Product/A</b>	<b>North</b>	<b>Transition</b>	<b>South</b>
132	4	4	4
175	5	4	4
195	6	5	5
213	---	6	6
267	---	7	7
305	---	---	9
345	---	---	10
400	---	---	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**

Apply uniformly to the surface of the soil in ornamental planting beds with a granular applicator. Calibrate granular applicator per manufacturer's instructions to assure appropriate dosage. To assure that the product is applied at the proper rates, apply at a rate of 4 lbs. per 1,000 sq. ft. or for flowerbeds, use 6.4 oz. per 100 sq. ft.

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 cernuum*  
*Anemone hybrida*  
*Aquilegia* spp.  
*Arctostaphylos densiflora*  
*Arctotheca calendula*  
*Artemisia* 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*

#### 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

<i>Campanula carpatica</i>	Tussock Bellflower, (White Clips)
<i>Campis X Tagliabuana</i>	Trumpet Creeper, Trumpet Flower, Madame Galen
<i>Carpobrotus edulis</i>	Hottentot Fig (Ice Plant)
<i>Cassia artemisoides</i>	Feathery Cassia
<i>Ceanothus rigidus</i>	Wild Lilac
<i>Ceratostigma plumbagonoides</i>	
<i>Chamaecyparis pisifera</i>	False Cypress
<i>Chrysanthemum nipponicum</i>	
<i>Cleyera japonica</i>	Cleyera
<i>Citrus</i> spp.	Citrus species*
<i>Coreopsis</i> spp.	Coreopsis (Calliopsis): Early Sunrise, Moonbeam
<i>Cornus florida</i>	Flowering Dogwood
<i>C. stolonifera</i>	American Dogwood
<i>Cortaderia selloana</i>	Pampas Grass
<i>Cotoneaster apiculatus</i>	Cranberry Cotoneaster
<i>C. buxifolius</i>	Cotoneaster
<i>C. dammeri</i>	Bearberry Cotoneaster
<i>C. microphyllus</i>	Rockspray Cotoneaster
<i>Cretaegus</i> spp.	Hawthorne
<i>Crocosmia</i> spp.	Lucifer
<i>Cupressus sempervirens</i>	Italian Cypress
<i>Delosperma alba</i>	White Trailing Ice Plant
<i>Delosperma</i> spp.	Cooperi Pink
<i>Delphinium</i> spp.	Larkspur: Blue Elf
<i>Dianthus deltoides</i>	Dianthus: Maiden Pinks “Zing”
<i>D. gratianopolitanus</i>	Cheddar Pink
<i>Dodonea viscosa</i>	Hop Bush
<i>Echinacea pupurea</i>	Coneflower, Purple; Magnus
<i>Elaeagnus pungens</i>	Silverberry
<i>Euonymus fortunei</i>	Wintercreeper
<i>E. japonica</i>	Japanese Spindle Tree (Evergreen Euonymus)
<i>E. kiautschovica</i>	Spreading Euonymus
<i>Fatsia japonica</i>	Japanese Aralia
<i>Forsythia intermedia</i>	Border Forsythia
<i>F. suspensa</i>	Weeping Forsythia
<i>F. viridissima</i>	Greenstem Forsythia
<i>Gaillardia</i> spp.	Gaillardia, Blanket Flower: “Goblin”
<i>Gardenia jasminoides</i>	Gardenia, Cape-Jasmine, Radicans
<i>Gaura</i> spp.	
<i>Gentiana dahurica</i>	Gentian
<i>Geranium cinereum</i>	Cranesbill
<i>Gladiolus</i> spp.	Gladiolus species**
<i>Gypsophila repens</i>	Baby’s Breath
<i>Hedera helix</i>	English Ivy
<i>Hellanthemum</i> spp.	Sunrose
<i>Hemerocallis</i> spp.	Daylily: Aztec Gold, Stella de Oro, Tender Love
<i>Hibiscus</i>	Rose of Sharon**
<i>Hibiscus</i> spp.	Mallow: Disco Belle White
<i>Hibiscus rosa-sinensis</i>	Chinese Hibiscus
<i>Hosta plantaginea</i>	Hosta, Plantain Lily (Fragrant)
<i>H. Sieboldiana</i>	Hosta, “Searsucker”
<i>Houttuynia cordata</i> var. <i>variegata</i>	
<i>Hydrangea macrophylla</i>	Bigleaf Hydrangea
<i>Ilex cornuta</i>	Chinese Holly
<i>I. crenata</i>	Japanese Holly: Helli

<i>I. opaca</i>	American Holly
<i>I. pernyi</i>	Holly
<i>I. vomitoria</i>	Yaupon Holly: Schillings
<i>Inula ensifolia</i>	
<i>Iris ensata</i>	Sword-Leaved Iris: Jodlesong
<i>Iris siberica</i>	Siberian Iris: Cabernet
<i>Iris</i> spp.	Iris species**
<i>Jasminium nudiflorum</i>	Winter Jasmine
<i>Juniperus chinensis</i>	Chinese Juniper: Nick's Compact, Parsonnii
<i>J. conferta</i>	Shore Juniper: Blue Pacific
<i>J. horizontalis</i>	Creeping Juniper
<i>Juglans</i> spp.	Walnut*
<i>Justicia brandegeana</i>	Shrimp Plant
<i>Lagerstromia indica</i>	Crape Myrtle
<i>Lagerstromia indica X Fauriei</i>	Crape Myrtle: Tuscarora
<i>Lantana montevidensis</i>	Weeping Lantana
<i>Lavender</i> spp.	Lavender: Munstead
<i>Leontopodium alpinum</i>	Edelweiss
<i>Ligustrum sinense</i>	Chinese Privet: Variegata
<i>Ligustrum amurense</i>	Amur Privet
<i>L. japonicum</i>	Japanese Privet
<i>L. lucidum</i>	Glossy Privet (Waxleaf)
<i>Lilium</i> spp.	Lily: Jazz
<i>Liriope muscari</i>	Big Blue Lily: Turf: Silver Mound: Evergreen Giant
<i>Liriope Muscari</i> var. <i>variegata</i>	Liriope, Variegated
<i>Liriope spicata</i>	Liriope, Creeping
<i>Lobelia Cardinalis</i>	Cardinal Flower, Indian Pink
<i>Lonicera japonica</i>	Japanese Honeysuckle
<i>L. tatarica</i>	Tatarian Honeysuckle
<i>Loropetalum chinense</i>	Burgundy
<i>Lythrum</i> spp.	Loosestrife Modern Pink
<i>Magnolia</i> spp.	Magnolia species**
<i>Maleophora luteola</i>	Ice Plant
<i>Malus</i> spp.	Crabapple*
<i>Miscanthus sinensis</i>	Yaku Jima, Silberfeder
<i>Nandina domestica</i>	Heavenly Bamboo
<i>Narcissus</i> spp.	Narcissus species**
<i>Nerium oleander</i>	Oleander
<i>Olea europaea</i>	Olive*
<i>Ophiopogon japonicus</i>	Mondo Grass
<i>Osmanthus heterophyllus</i>	Osmanthus (False Holly): Gulf Tide
<i>Osteospermum fruticosum</i>	Trailing African Daisy
<i>Oxydendrum arboreum</i>	Sourwood
<i>Paeonia suffruticosa</i>	Tree Peony
<i>Pennisetum setaceum</i>	Fountain Grass (Dwarf)
<i>Perovskia atriplicifolia</i>	
<i>Persea americana</i>	Avocado*
<i>Photinia fraseri</i>	Fraser's Photinia (Redtip)
<i>Physotegia Virginiana</i>	Dragonhead, False: Vivid
<i>Picea</i> spp.	Spruce species** (Colorado Blue, Norway, etc.)
<i>Pieris japonica</i>	Lily-of-the-Valley Bush
<i>Pinus brutia</i>	Calabrian Pine
<i>P. canariensis</i>	Canary Island Pine
<i>P. elliotii</i>	Slash Pine
<i>P. halepensis</i>	Aleppo Pine
<i>P. nigra</i>	Austrian Pine

<i>P. palustris</i>	Longleaf Pine
<i>P. radiata</i>	Monterey Pine
<i>P. thunbergiana</i>	Japanese Black Pine
<i>P. strobus</i>	Eastern White Pine
<i>P. sylvestris</i>	Scotch Pine
<i>P. taeda</i>	Loblolly Pine
<i>P. virginiana</i>	Virginia Pine
<i>Pistachio</i> spp.	Pistachio*
<i>Pittosporum rhombifolium</i>	Queensland Pittosporum
<i>P. tobira</i>	Japanese Pittosporum
<i>Podocarpus macrophyllus</i>	Japanese Yew
<i>Prunus laurocerasus</i>	English Laurel
<i>Prunus</i> spp.	Almond, Apricot, Nectarine, Peach, Plum and Prune*
<i>Pseudotsuga menziesii</i>	Douglas Fir**
<i>Pyracantha coccinea</i>	Firethorn (Scarlet)
<i>P. fortuneana</i>	Firethorn
<i>P. koidzumii</i>	Firethorn
<i>Pyrus</i> spp.	Bradford Pear sp.
<i>Quercus Shumardii</i>	Oak, Shumard's Red
<i>Quercus</i> spp.	Oak species
<i>Raphiolepis indica</i>	Indian Hawthorne
<i>Raphiolepis umbellata</i>	Yedda Hawthorn
<i>Rhododendron</i> (including Azalea)	Coral Bells, Delaware Valley White, Flame Creeper, Formosa, George L. Tabor, Girard Crimson, Hino-crimson, PJM, Roseum Elegans, Wakeiebisu, White Gumpo
<i>Rosmarinus officinalis</i>	Rosemary*
<i>Rudbeckia</i> spp.	Black-Eyed Susan: Goldstrum
<i>Santolina virens</i>	Santolina
<i>Saxifraga</i> spp.	Saxifrage: Purple Dome
<i>Scabiosa</i> spp.	Pincushion Flower
<i>Sedum album</i>	Stonecrop
<i>Sedum cauticola</i>	Stonecrop: Lidakense
<i>Sedum dasyphyllum</i>	Stonecrop
<i>Sedum spurium</i>	Stonecrop: Dragon's Blood
<i>Spiraea Bumalda</i>	Spirea: Anthony Waterer
<i>Syzygium paniculatum</i>	Australian Brushcherry
<i>Taxus cuspidata</i>	Japanese Yew
<i>T. media</i>	Yew
<i>Teucrium</i> spp.	Germander
<i>Thalictrum dipterocarpum</i>	Meadow Rue
<i>Thuja occidentalis</i>	American Arborvitae
<i>Trachelospermum asiaticum</i>	Star Jasmine
<i>Tsuga canadensis</i>	Canada Hemlock
<i>Tulipa</i> spp.	Tulip species
<i>Veronica</i> spp.	Veronica, Speedwell: Sunny Border
<i>Viburnum japonicum</i>	Japanese Viburnum
<i>V. odoratissimum</i>	Sweet Viburnum
<i>V. plicatum</i>	Japanese Snowball
<i>V. rigidum</i>	Canary Island Viburnum
<i>V. suspensum</i>	Arrowood Viburnum
<i>V. tinus</i>	Laurustinus
<i>V. trilobium</i>	Cranberry Bush
<i>V. wrightii</i>	Leatherleaf Viburnum
<i>Vinca major</i>	Greater Periwinkle, Vinca
<i>Vinca minor</i>	Common Periwinkle, Vinca
<i>Vitis</i> spp.	Grape*

*Weigela florida*  
*Yucca aloifolia*  
*Y. filamentosa*

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

\*Do not use on food-producing trees, vines, or plants.

\*\*Not for use on container-grown plants.

#### **WARRANTY DISCLAIMER**

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**GUARANTEED FERTILIZER ANALYSIS: (To be attached to final printed labeling)**

<b>X-X-X *</b>	
Total Nitrogen (N) .....	X.XX%
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	X.XX%
Soluble Potash (K <sub>2</sub> O).....	X.XX%
Chlorine not more than X.X%	
Derived from xxxxxxxxxxxxxxxx.	

\* **[Editor's Note:** All information will vary depending on grade used)