

9779-357

4/25/2012

10/14



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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Alice Walker  
Winfield Solutions LLC  
PO Box 64589  
St. Paul, MN 55164-0589

APR 25 2012

Subject: Notification per PR Notice 98-10  
Magic Carpet Fertilizer with Barricade 0.38%  
EPA Reg. No. 9779-357  
Application dated January 18, 2012

Dear Ms. Walker:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 of the subject product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been date-stamped "Notification" and will be placed in our records.

The alternate brand name "Fertilizer with Barricade 0.38%" has been added to your file.

If you have any questions, please contact Hope Johnson at 703-305-5410.

Sincerely,

A handwritten signature in black ink, appearing to read "Kathryn V. Montague".

Kathryn Montague  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)

2014



United States  
Environmental Protection Agency  
Washington, DC 20460

- Registration
- Amendment
- Other

OPP Identifier Number

**Application for Pesticide -Section I**

|  |  |  |
|--|--|--|
| 1. Company/Product Number<br>9779-357  | 2. EPA Product Manager<br>Kathryn Montague   | 3. Proposed Classification<br><br><input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name)<br>Magic Carpet Fertilizer with Barricade 0.38%  | PM#<br>23  |  |
| 5. Name and Address of Applicant (Include ZIP Code)<br><br>Winfield Solutions, LLC<br>P.O. Box 64589<br>St. Paul, MN 55164-0589<br><br><input type="checkbox"/> Check if this is a new address | 6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:<br><br>EPA Reg. No.:<br><br>Product Name: | <p><b>NOTIFICATION</b></p> <p><b>APR 25 2012</b></p>   |

**Section I I**

|  |  |
|--|--|
| <input type="checkbox"/> Amendment - Explain Below                             | <input type="checkbox"/> Final printed labels in response to Agency letter dated _____ |
| <input type="checkbox"/> Resubmission in response to Agency letter dated _____ | <input type="checkbox"/> "Me Too" Application  |
| <input checked="" type="checkbox"/> Notification - Explain below               | <input type="checkbox"/> Other - explain below   |

**Explanation:** Use additional page(s) if necessary. (For Section I and Section II).

Notification to add the alternate brand name, "Fertilizer with Barricade 0.38%." I believe this notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, these products may be in violation of FIFRA and I may be subject to enforcement action and penalties under section 12 and 14 of FIFRA.

**Section I I I**

|   |   |   |  |
|---|---|---|--|
| 1. <b>Material This Product Will Be Packaged In:</b>  |   |   |  |
| Child-Resistant Packaging<br><input type="checkbox"/> Yes*<br><input type="checkbox"/> No<br><br><small>*Certification must be submitted.</small>   | Unit Packaging<br><input type="checkbox"/> Yes<br><input type="checkbox"/> No<br><br>If "Yes,"<br>Unit Package Wt.    No. Per Container | Water Soluble Packaging<br><input type="checkbox"/> Yes<br><input type="checkbox"/> No<br><br>If "Yes,"<br>Package Wt.    No. Per Container | 2. Type of Container<br><input type="checkbox"/> Metal<br><input type="checkbox"/> Plastic<br><input type="checkbox"/> Glass<br><input type="checkbox"/> Paper<br><input type="checkbox"/> Other (Specify) _____ |
| 3. Location of Net Contents Information<br><input type="checkbox"/> Label <input type="checkbox"/> Container  |   | 4. Size(s) of Retail Container  | 5. Location of Label Directions<br><input type="checkbox"/> On Label<br><input type="checkbox"/> On Labeling accompanying product  |
| 6. Manner In Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____<br><input type="checkbox"/> Paper Glued<br><input type="checkbox"/> Stenciled |   |   |  |

**Section I V**

|   |                                  |  |
|---|----------------------------------|--|
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) |                                  |  |
| Name<br>Alice Walker, Ph.D.   | Title<br>Registration Specialist | Telephone No. (Include Area Code)<br>662-562-5995  |
| 2. Signature<br><br>  |                                  | C. Date Application Received<br><br><div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>(Stamped)</b> </div> |
| 3. Title<br>Registration Specialist   |                                  |  |
| 4. Typed Name<br>Alice Walker, Ph.D.  |                                  |  |
| 5. Date<br>January 18, 2012   |                                  |  |

**Certification**

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.



4 of 14

# FERTILIZER WITH BARRICADE® 0.38%

**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

**NOTIFICATION**

**APR 25 2012**

**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: \_\_\_\_\_

1/0118/2

**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.

**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.**

### 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.

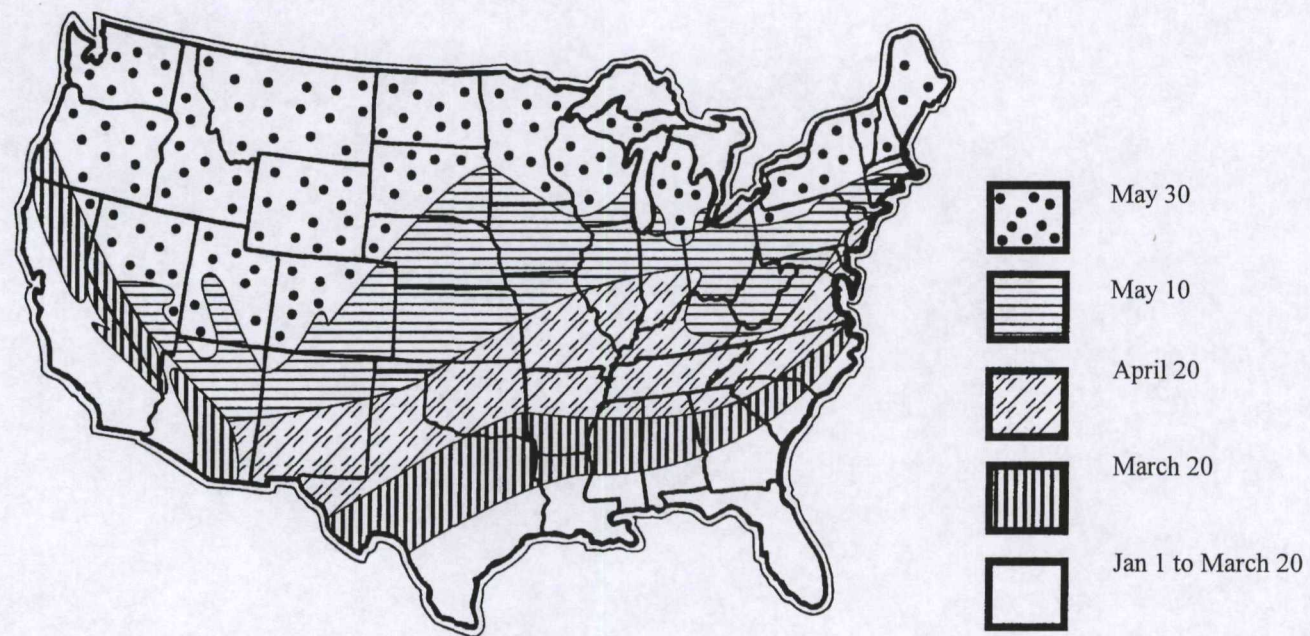
### ESTABLISHED TURF

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 aurally.
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>                            | 400 <sup>3</sup>      | 1.5              |
| Bahiagrass   |                       |                  |
| Centipedegrass                                       |                       |                  |
| Seashore Paspalum                                    |                       |                  |
| St. Augustinegrass                                   |                       |                  |
| Tall Fescue<br>(including turf-type)                 |                       |                  |
| Zoysia   |                       |                  |
| Buffalograss   | 267                   | 1.0              |
| Kentucky Bluegrass                                   |                       |                  |
| Perennial Ryegrass                                   |                       |                  |
| 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

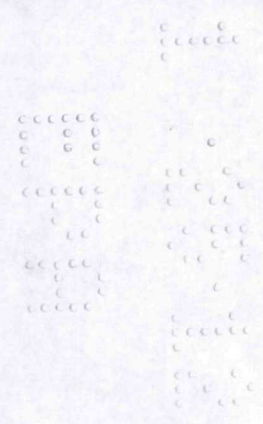
Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil, not thatch plus soil.

### 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.**

| Rate Lbs. Product/A | North | Transition | South |
|---------------------|-------|------------|-------|
| 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*

#### Common name

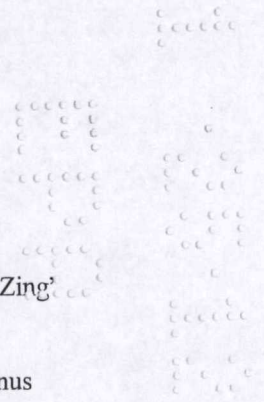
Fir species\*\* (Balsam, Fraser, Noble, etc.)  
 Abelia: Sherwood  
 Japanese Maple  
 Norway Maple  
 Yarrow: King Edward  
 Kiwi\*

*Agapanthus africanus*  
*Agapanthus orientalis*  
*Akebia quintata*  
*Allium cernuum*  
*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*  
*Cretaeus* spp.  
*Crocsmia* spp.  
*Cupressus sempervirens*  
*Delosperma alba*  
*Delosperma* spp.  
*Delphinium* spp.  
*Dianthus deltoides*  
*D. gratianopolitanus*  
*Dodonea viscosa*  
*Echinacea pupurea*  
*Elaeagnus pungens*

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  
  
 Cleyera  
 Citrus species\*  
 Coreopsis (Calliopsis): Early Sunrise,  
 Moonbeam  
 Flowering Dogwood  
 American Dogwood  
 Pampas Grass  
 Cranberry Cotoneaster  
 Cotoneaster  
 Bearberry Cotoneaster  
 Rockspray Cotoneaster  
 Hawthorne  
 Lucifer  
 Italian Cypress  
 White Trailing Ice Plant  
 Cooperi Pink  
 Larkspur: Blue Elf  
 Dianthus: Maiden Pinks "Zing"  
 Cheddar Pink  
 Hop Bush  
 Coneflower, Purple; Magna  
 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     |
|   | Rose of Sharon**                                    |
| <i>Hibiscus</i>                                 | Mallow: Disco Belle White                           |
| <i>Hibiscus</i> spp.                            | Chinese Hibiscus                                    |
| <i>Hibiscus rosa-sinensis</i>                   | Hosta, Plantain Lily (Fragrant)                     |
| <i>Hosta plantaginea</i>                        | Hosta, "Searsucker"                                 |
| <i>H. Sieboldiana</i>                           |   |
| <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</i> X <i>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 |
|   | Liriope, Variegated                                 |
| <i>Liriope Muscari</i> var. <i>variegata</i>    | Liriope, Creeping                                   |
| <i>Liriope spicata</i>                          | Cardinal Flower, Indian Pink                        |
| <i>Lobelia Cardinalis</i>                       | Japanese Honeysuckle                                |
| <i>Lonicera japonica</i>                        | Tatarian Honeysuckle                                |
| <i>L. tatarica</i>                              |   |

*Loropetalum chinense*  
*Lythrum* spp.  
*Magnolia* spp.  
*Maleophora luteola*  
*Malus* spp.  
*Miscanthus sinensis*  
*Nandina domestica*  
*Narcissus* spp.  
*Nerium oleander*  
*Olea europaea*  
*Ophiopogon japonicus*  
*Osmanthus heterophyllus*  
*Osteospermum fruticosum*  
*Oxydendrum arboreum*  
*Paeonia suffruticosa*  
*Pennisetum setaceum*  
*Perovskia atriplicifolia*  
*Persea americana*  
*Photinia fraseri*  
*Physotegia Virginiana*  
*Picea* spp.

*Pieris japonica*  
*Pinus brutia*  
*P. canariensis*  
*P. elliotii*  
*P. halepensis*  
*P. nigra*  
*P. palustris*  
*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*  
*Pyrus* spp.  
*Quercus shumardii*  
*Quercus* spp.  
*Raphiolepis indica*  
*Raphiolepis umbellata*  
*Rhododendron*  
 (including *Azalea*)

*Rosmarinus officinalis*  
*Rudbeckia* spp.

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  
 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 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 asiaticum*  
*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*

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  
 Arrowwood Viburnum  
 Laurustinus  
 Cranberry Bush  
 Leatherleaf Viburnum  
 Greater Periwinkle, Vinca  
 Common Periwinkle, Vinca  
 Grape\*  
 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.

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

| X-X-X *  |            |
|--|------------|
| Total Nitrogen (N)   | .....X.XX% |
| Available Phosphate<br>(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)

