

8660-159

10-20-2006

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

OFFICE OF  
PREVENTION OF PESTICIDES AND  
TOXIC SUBSTANCES

October 20, 2006

Jennifer D. Morton  
Sylorr Plant Corporation  
P.O. Box 142642  
St. Louis, MO 63114-0642

**SUBJECT:** Application for Pesticide Notification  
Herbicide Granules Formula D-11  
EPA Reg. No. 8660-159  
Application Dated September 28, 2006

Dear Ms. Morton:

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


If you have any questions, please me directly at 703-305-6249 or Terri Stowe of my staff at 703-305-6117.

Sincerely,

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

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs

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|   |  |  |                       |
|---|--|--|-----------------------|
|  | United States Environmental Protection Agency<br>Office of Pesticide Programs (H7505C)<br>Washington, DC 20460 | <input type="checkbox"/> Registration<br><input type="checkbox"/> Amendment<br><input checked="" type="checkbox"/> Other | OPP Identifier Number |
| <b>Application for Pesticide:</b>   |  |  |                       |

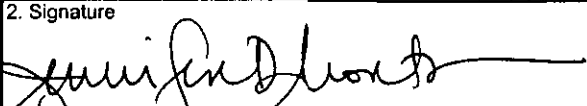
| Section I   |  |   |
|---|--|---|
| 1. Company/Product Number<br>8660-159   | 2. Product Manager<br>J. Miller  | 3. Proposed Classification<br><input type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name)<br>Herbicide Granules Formula D-11  | PM#<br>23  |   |
| 5. Name and Address of Applicant (include ZIP Code)<br>Sylorr Plant Corporation<br>PO Box 142642<br>St. Louis, Missouri 63114-0642<br><br><input type="checkbox"/> Check if this is a new address | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labelling to:<br><br><div style="text-align: right; font-size: 1.2em;"> <b>NOTIFICATION</b><br/>                     OCT 20 2006                 </div> EPA Reg. No. _____<br>Product Name _____ |   |

| Section II  |   |
|---|---|
| <input type="checkbox"/> Amendment - Explain below<br><input type="checkbox"/> Resubmission in response to Agency letter dated _____<br><input checked="" type="checkbox"/> Notification - Explain below. | <input type="checkbox"/> Final printed label in response to Agency letter dated _____<br><input type="checkbox"/> "ME TOO" Application.<br><input type="checkbox"/> Other - explain below |

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

Notification per PR Notice 98-10 to add the optional marketing claim "Prevents crabgrass and other grassy weeds from ever germinating" and a spreading recommendation to avoid gaps and streaks. We are taking this opportunity to add the optional "formula" to "Non-Staining" and to add a guarantee. We are also expanding our fertilizer marketing claims.

| Section III   |   |  |  |   |
|---|---|--|--|---|
| 1. Material in Which This Product Will Be Packaged:   |   |  |  |   |
| Child-Resistant Packaging<br><input type="checkbox"/> Yes *<br><input type="checkbox"/> No  | Unit Packaging<br><input type="checkbox"/> Yes<br><input type="checkbox"/> No | Water-Soluble Packaging<br><input type="checkbox"/> Yes<br><input type="checkbox"/> No | 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) _____ |   |
| * Certification must be submitted.  |   | If "YES,"<br>Unit package wgt    No. per container                                     | If "YES,"<br>Package wgt    No. per container  |   |
| 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<br><input type="checkbox"/> Lithographed<br><input type="checkbox"/> Paper glued<br><input type="checkbox"/> Stenciled |   |  |  |   |

| Section IV   |  |  |
|--|--|--|
| 1. Contact Point (Complete items directly below for identification of the individual to be contacted, if necessary, to process this application)   |  |  |
| Name<br>Jennifer D. Morton   | Title<br>Regulatory Affairs Specialist | Telephone No. (include Area Code)<br>1-800-242-1166 Ext 2737 |
| Certification<br>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. |  | 6. Date Application Received (Stamped)                       |
| 2. Signature<br>  |  |  |
| 3. Title<br>Regulatory Affairs Specialist  | 4. Typed Name<br>Jennifer D. Morton    |  |
| 5. Date<br>September 28, 2006  |  |  |

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# Sylorr Plant Corporation

September 28, 2006

Document Processing Desk (NOTIF)  
Office of Pesticide Programs  
United States Environmental Protection Agency  
Room 266A Crystal Mall 2  
1801 South Bell Street  
Arlington, VA 22202

**NOTIFICATION**  
**OCT 20 2006**

Attention: Ms. Joanne Miller  
Product Manager 23  
Registration Division (7505C)

Subject: Notification per PR Notice 98-10  
Herbicide Granules Formula D-11  
EPA Reg. No. 8660-159

Dear Ms. Miller:

Please find enclosed notification per PR Notice 98-10 to add the optional marketing claim "Prevents crabgrass and other grassy weeds from ever germinating." We are also adding a spreading recommendation to avoid gaps and streaks. We are taking this opportunity to add the Ace® Promise, to modify the "Non-Staining" claim to include the optional "formula", and to expand our fertilizer marketing claims. Please see the enclosed proposed label for the proposed optional marketing language in its entirety.

*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, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.*

The following documents are enclosed in support of this submission:

1. Application for Pesticide (EPA Form 8570-1)
2. One copy of the proposed label *with changes highlighted*
3. Five copies of the proposed label
4. One copy of the EPA stamped approved label

Please call me at 1-800-242-1166, Ext. 2737 you have questions or need further information. Thank you very much for your attention to our application.

Sincerely,



Jennifer D. Morton  
Regulatory Specialist

FRONT PANEL

# Herbicide Granules Formula D-11

For Outdoor Residential Use Only.

## Crabgrass Control for Home Lawns

TREATS [or COVERS] 5,000 sq ft

Pre-Emergence and Control of Crabgrass and other listed weeds,

- A selective herbicide plus Fertilizer that provides control of crabgrass and other weeds on established lawns
- Contains Polyon® timed-release nitrogen for a Beautiful, Green, Vibrant Lawn
- Contains the active ingredient found in Dimension® Turf Herbicide

[See Appendix A for consolidated list of marketing claims]

### NOTIFICATION

OCT 20 2006

Active Ingredient:

|                   |         |
|-------------------|---------|
| Dithiopyr*        | 0.11%   |
| Other Ingredients | 99.89%  |
| TOTAL             | 100.00% |

\*CAS # 97886-45-8

[Other ingredients in this product are Fertilizer, including Polyon® slow-release granules and dipropylene glycol to adhere the active ingredient on the fertilizer.]

KEEP OUT OF REACH OF CHILDREN

CAUTION See back panel for additional precautionary statements

Net Contents: 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, or 26 LBS

BACK PANEL

### GUARANTEED ANALYSIS

|   |        |
|---|--------|
| Total Nitrogen (N).....                                   | XX.00% |
| X.X% Ammoniacal Nitrogen                                  |        |
| X.X% Urea Nitrogen*                                       |        |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> )..... | XX.00% |
| Soluble Potash(K <sub>2</sub> O).....                     | XX.00% |

Derived From: Polymer-coated urea, urea, diammonium phosphate and muriate of potash

\*X.X% Slowly available urea nitrogen from polymer-coated urea.

[Optional Marketing Language:

#### Why Use This Product?

This product is specially formulated to complement the phosphorus already present in some soils and give your turf the additional primary nutrients needed for a good turf feeding. A soil test can help you determine if your soil has an adequate supply of phosphorus and if this is the best product for your soil type. Proper watering and mowing practices along with regular feedings will help promote a beautiful green lawn.

#### TIPS FOR REDUCING NUTRIENT RUNOFF

- Avoid blowing leaves or grass clippings into the street or driveway. The leaves, grass, and other plant material, which are carried by storm water to our lakes eventually break down and release nutrients that may harm our waterways.
- Cut grass where it borders the street or any paved surface so the clippings are blown back into the yard, or bagged for compost.
- Do not pile grass clippings and leaves in street gutters.
- Sweep or rake up organic materials found in the street.
- Leave a buffer of natural vegetation near shorelines to prevent erosion and retain nutrients.
- Plant vegetation on bare slopes to help prevent soil erosion.]

**STOP. Read this entire label before use.**

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For outdoor residential use only.

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**IMPORTANT:** Follow label directions.

#### Using these directions

These "Directions for Use" are designed to help you determine the appropriate application procedure for Herbicide Granules Formula D-11.

Before using this product, make sure that you read the entire "Directions for Use" section of this label.

#### Before you Use

Read and follow these guidelines when you use this product:

- Apply only to lawns and ornamental turf that are well established.
- Wait at least 12 weeks after using this product before reseeding, overseeding or sprigging of grass into areas that have been treated.
- Use of product on new lawns or grass that has been weakened or stressed by drought, excessive temperatures or pests, increases chance of injury to grass.
- When applying around ponds or other bodies of water, do not apply in windy conditions or where product can run-off into water.
- Keep people and pets off treated areas until dust has settled.
- Do not use grass clippings as mulch around vegetables or fruit trees.
- This product may be applied to flowers listed on this label.
- Do not make more than 1 application to the same area in the same year.

#### HOW TO USE

1. Apply this product at the rate of: X.X lb per 1000 sq ft (1 bag treats 5000 sq ft) [Registrant to use table below to insert appropriate rate, based on bag weight].
2. Calibrate your spreader according to the spreader manufacturer's directions. Adjust settings as needed to apply the recommended rate of product.
3. Using a drop-type or rotary spreader, apply granules evenly over grass, avoiding streaking, skips or overlaps. Avoid using spreaders that apply product in narrow or concentrated bands.
4. Check calibration of spreader frequently to insure spreader is functioning properly and applying product evenly.

#### Spreader Settings

This table for registrant use in determining application rate for given bag sizes. Only one rate will be given on the final label. Multiple rates are not to be listed on final printed label.

| This bag treats [covers] 5,000 sq ft |                               |                    |
|--------------------------------------|-------------------------------|--------------------|
| Rotary Spreaders                     |                               | Drop Spreaders     |
| X                                    |                               | X                  |
| Bag Wt (pounds)                      | Lbs of product per 1000 sq ft | Lbs of AI per acre |
| 16                                   | 3.2                           | 0.153              |
| 17                                   | 3.4                           | 0.163              |
| 18                                   | 3.6                           | 0.172              |
| 19                                   | 3.8                           | 0.182              |
| 20                                   | 4.0                           | 0.192              |
| 21                                   | 4.2                           | 0.201              |
| 22                                   | 4.4                           | 0.211              |
| 23                                   | 4.6                           | 0.220              |
| 24                                   | 4.8                           | 0.229              |
| 25                                   | 5.0                           | 0.239              |
| 26                                   | 5.2                           | 0.249              |

#### WHERE TO USE

This product can be used on the following types of grass when applied as directed:

**Cool Season Grasses:** [Agrostis Stolonifera], Bentgrass, (creeping) Bluegrass (Kentucky), Fescue fine, Fescue tall, [Festuca arundinacea], [Festuca rubra], [Lolium (perenne)], [Poa pratensis], Rye grass (perennial).

**Warm Season Grasses:** [Axonopus affinis], Bahia, Bermuda, [Buchloe dactyloides], Buffalograss, Carpetgrass, Centipede, [Cynodon dactylon], [Eremochloa ophiuroides] Kikuyugrass, [Paspalum notatum,] [Pennisetum clandestinum,] St. Augustine, [Stenotaphrum secundatum], [Zoysia japonica], Zoysiagrass

#### WHEN TO APPLY

- Product may be applied either in the Spring or Fall for the control of weeds.
- Product will provide up to 3 months of weed control when used as directed, although length of control can be affected by weather, grass conditions and weed pressures.
- To get control of listed weeds applications must be made before weeds emerge.

- This product [or brand name of product] will control crabgrass if applied before it emerges.

## WEEDS CONTROLLED

### Pre-Emergent (Preventative)

**Grass Weeds:** Annual Bluegrass, Annual Ryegrass, Barnyardgrass, Crabgrass, Crowfootgrass, Goosegrass, Green Foxtail, Kikuyugrass (seedling), Perennial Ryegrass, Smutgrass (seedling), Yellow Foxtail

**Broadleaf Weeds:** Bittercress, Buttercup Oxalis, Carolina Geranium, Chickweed, Common Lespedeza, Common Purslane, Corn Speedwell, Creeping Oxalis, Henbit, Parsley-piert, Pineappleweed, Prostrate Spurge, Spotted Spurge, Yellow Woodsorrel

### TOLERANT TREES, SHRUBS, AND FLOWERS\*

When applied as directed under the conditions on this label, the trees, shrubs, and flowers listed [below] have shown tolerance in field trials. However, this product has not been tested on all cultivars of each species or under all possible growing conditions. Follow directions given above to determine plant tolerance under your growing conditions. A limited area involving only a few plants should be treated and observed for signs of yellowing, wilting, or lack of growth prior to large-scale application.

### \*FULL LIST OF TOLERANT TREES, SHRUBS, AND FLOWERS LISTED IN APPENDIX B.

## STORAGE AND DISPOSAL

**Storage:** Store product in original container in a cool, dry, locked place out of reach of children and pets.

**Disposal: If empty:** Do not reuse this container. Place in trash or offer for recycling if available.

**If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION:** Causes eye irritation, if in eyes. Harmful if inhaled. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. If product gets on clothes, wash before reuse. Prolonged or repeated skin contact may cause allergic skin reactions in some individuals.

## FIRST AID

The table below describes the first aid procedures for incidents involving this product.

| In the case of accidental... | Immediately....  |
|------------------------------|--|
| Contact with eyes            | <ul style="list-style-type: none"> <li>• 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.</li> <li>• Call a Poison Control Center or doctor for treatment advice.</li> </ul>     |
| Inhalation of dust           | <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 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. [Active Ingredient: Dithiopyr, CAS # 97886-45-8]

## Environmental Hazards

- This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Drift and runoff from treated turf may adversely affect aquatic organisms in adjacent aquatic sites. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas.
- Do not contaminate water when cleaning equipment or disposing of equipment washwater.

**NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.**

[Satisfaction Guaranteed: If you apply this product [with POLYON time-released nitrogen] as directed and are not completely satisfied. Just send a proof of purchase from this package and the original cash register receipt to the address below. We will refund the purchase price you paid.]

When applied as directed, this product meets the guidelines for metals adopted by the Association of American Plant Food Control Officials.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-sb.com>

**Product Information:** [Questions or comments?] Call 1-800-332-5553

Made in USA by Earth Care  
Division of United Industries Corp.  
P.O. Box 142642  
St. Louis, MO 63114-0642

EPA Reg. No. 8660-159

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## APPENDIX A

### HERBICIDE GRANULES FORMULA D-11 MARKETING CLAIMS

1. Contains POLYON® Timed-Release Fertilizer, used by professional turf managers.
2. It's [POLYON] the green inside
3. Time-Release Fertilizer – POLYON® – If it's not green ...it's not POLYON™
4. Contains TriKote® Timed-Release Fertilizer
5. Pre Emergence Control of Crabgrass
6. Covers XXXX sq. ft.
7. Money-Back Guarantee
8. Look for other quality Polyon® lawn and garden products. For more information about POLYON® and other products visit us on the Internet at [www.zzzz.com](http://www.zzzz.com) or call our Consumer Service Hotline at 1-800-332-5553.
9. Never apply by hand.
10. Typically a lawn will utilize 1 to 4 pounds of nitrogen per 1,000 sq. ft. per growing season. When used as directed, this product provides xxx lbs. of nitrogen per 1,000 sq. ft. Consult your local County Extension Service for questions regarding a regular fertilizer program suitable for your geographical region.
11. Will not harm listed ornamentals or shrubs
12. Non-Staining [Formula]
13. Provides up to 4 months control of crabgrass
14. Use Before or After germination of crabgrass for pre-emergent control.
15. Controls crabgrass for up to 120 days
16. Also controls other grasses and broadleaf weeds such as annual bluegrass, goosegrass, yellow foxtail, spotted spurge, chickweed, oxalis, henbit and other weeds listed on this label.
17. [Fertilizer] Feeds for up to 2 months at 72° F
18. Herbicide Granules Formula D-11 works differently from other slow-release products. POLYON timed-release nitrogen releases in response to soil temperature rather than moisture level. Other slow release products release according to the amount of moisture [present in the soil...] the more moisture the quicker the nutrient release...putting your grass at risk from burning. Because this product contains POLYON timed-release nitrogen, your grass is fed for up to 2 months at 72° F.
19. IMPORTANT – It is important to follow directions as indicated on this quality lawn care product as over application may cause injury to your lawn. Spreader settings are approximate. Differences may occur due to condition of spreader, speed at which applied, and roughness of area treated. Be sure to calibrate spreader before beginning, adjusting if necessary. Consult owners manual.
20. NEVER APPLY BY HAND

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- 21. [Used when staining fertilizer nutrients such as ferrous sulfate are used in formula] – This product may [or will] stain sidewalks and driveways. Sweep [vacuum] off any product which may have drifted onto these areas.
- 22. What the numbers mean: The xx-xx-xx refers to the percentages of primary nutrients provided.
- 23. Encourages Quick Greening and Provides Extended Feeding.
- 24. This product is specially formulated to give your grass the nutrients it needs for thicker growth while preventing crabgrass and other grassy weeds from ever germinating. Our timed-release formula keeps your grass greener longer and helps build strong hardy root systems.
- 25. Stops Crabgrass, Goosegrass, Chickweed, Oxalis And Many Other Broadleaf and Grass Weeds Before They Emerge and Invade the Turf.
- 26. Apply Early Before Crabgrass Germinates.
- 27. Kills Listed Weeds While Feeding Your Lawn.
- 28. Apply Early Before Crabgrass Germinates.
- 29. Delivers a Long Lasting Feeding Without burning, for a Stronger, Greener Lawn
- 30. Prevents Weeds While Feeding Your Lawn
- 31. Prevents crabgrass and other grassy weeds from ever germinating
- 32. To avoid gaps and streaks, first spread border of lawn and then fill in center with uniform, parallel passes. Walk at a steady pace so as to evenly apply throughout the lawn.
- 33. The Ace® Promise If this Ace product when used for its intended purpose, fails to give you complete satisfaction, return the item to the Ace Hardware store where purchased for free replacement of the same or similar item.

| XX   | XX  | XX  |
|--|---|---|
| Nitrogen (N)   | Phosphorous (P)   | Potassium (K)                                 |
| Contains Timed-release Nitrogen for growing a thick green lawn [Stimulates growth and encourages a thick green lawn] | Improves Root [Improves root growth and Plant Storage Capacity] | Improves Plant Hardiness & Drought Resistance |

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**APPENDIX B**

**TOLERANT TREES, SHRUBS, AND FLOWERS** When applied as directed under the conditions on this label, trees, shrubs, and flowers listed below have shown tolerance in field trials. However, this product has not been tested on all cultivars of each species or under all possible growing conditions. Follow directions given above to determine plant tolerance under your growing conditions. A limited area involving only a few plants should be treated and observed for signs of yellowing, wilting, or lack of growth prior to large-scale application.

| Common Name             | Botanical Name             | Tolerant Cultivars   |
|-------------------------|----------------------------|--|
| Abella, Dwarf           | Abella X grandiflora       | Nana   |
| Ajuga                   | Ajuga reptans              | Bronze   |
|                         | Ajuga genevensis           | Bronze Beauty  |
| Almond, Flowering       | Prunus glandulosa          |  |
| Apple*                  | Malus pumila               |  |
| Arborvitae              | Thuja occidentalis         | Nigra; Pyramidalis; Smaragh<br>Techny; Woodwardii.   |
| Arborvitae, Golden      | Thuja orientalis           |  |
| Aster, Chinese          | Callistephus chinensis     | Dwarf Queen  |
| Ash Green               | Fraxinus pennsylvanica     |  |
| Ash, Mountain           | Sorbus aucuparia           |  |
| Ash, Purple             | Fraxinus americana         |  |
| Azalea                  | Rhododendron spp.          | Brilliant; Buccaneer; Carror; Chimes (Belgian); Exbury; Fashion; Hardijzer Beauty; Hershey Red; Higasa; Hinocrimson; Holland (Hybrid); Marion Lee; Northern Lights; Orange Cup; Orchid Lights; Snow; Southern Charm. |
| Azalea, Flame           | Rhododendron calendulaceum |  |
| Azalea, Kirishima       |                            |  |
| Bamboo, Heavenly        |                            |  |
| Barberry                | Berberis thunbergii        | Aurea; Dwarf Pigmy; Green; Kobold; Pygmy Red; Rose Glow  |
| Barberry, Purple        |                            | Atropurpurea   |
| Bearberry (common)      | Arctostaphylos uva-ursti   | Massachusetts  |
| Birch, River            | Betula nigra               |  |
| Blueberry*              | Vaccinium spp.             | Bluecrop; Blue Jay; Jersey; North Blue; Northland  |
| Bottlebrush             | Callistemon citrinus       |  |
| Boxwood, Japanese       |                            | Japonica   |
| Boxwood, Weller         | Buxus sempervirens         |  |
| Broom                   | Cytisus spp.               | Moonlight  |
| Broom                   | Genista pilosa             | Vancouver Gold   |
| Bugle Carpet            |                            |  |
| Camellia                | Camellia japonica          | Chansonette; Debutante; Mathotiana Supreme   |
| Camellia                | Camellia sasangua          |  |
| Carex, Variegated       | Carex                      |  |
| Cedar, Red              | Juniperus virginiana       |  |
| Cockscomb, Plumosa      | Celosia cristata           | Red Kewpie   |
| Coleus                  | Coleus blumei              |  |
| Copper leaf             | Acalypha wilkesiana        |  |
| Cotoneaster             | Cotoneaster apiculatus     |  |
| Coyotebrush             | Baccharis pelularis        |  |
| Cycads                  | Cycads revoluta            |  |
| Cypress, Bald           | Taxodium distichum         |  |
| Cypress, Italian        | Cupressus sempervirens     | Glauca   |
| Cypress, Japanese False | Chamaecyparis obtus        | Gracilis   |
| Cypress, Leyland        | Cupressocyparis leylandii  |  |

\*Ornamental Species only. DO NOT USE ON FOOD-PRODUCING TREES, SHRUBS, AND FLOWERS

|                    |                                |  |
|--------------------|--------------------------------|--|
| Daffodil           | Narcissus spp.                 | King Alfred  |
| Daylily            | Hemerocallis spp.              | Aztec Gold; Bright Yellow (Hybrid); Single Gold (Evergreen); Wilson's Yellow   |
| Dogwood            | Cornus florida                 |  |
| Dogwood, American  | Cornus sericea                 | Flavarium  |
| Douglas Fir        | Pseudotsuga menziesii          |  |
| Dusty Miller       | Senecio cineraria              |  |
| Elm, Drake         | Ulmus parvifolia               |  |
| Euonymus           | Euonymus fortunei              | Argento-variegata; Aureo-marginata; Colorata; Emerald Gaiety; Emerald'N Gold; Gold Edge; Gold Princess; Silver King; Tricolor; Vegetus.  |
| Fan Palm, European | Chamaerops humilis             |  |
| Fan Palm, Mexican  | Washingtonia robusta           |  |
| Fescue             | Festuca glauca                 |  |
| Fetterbush         | Leucothoe fontiana             | Rainbow  |
| Ficus              | Ficus retusa                   | Nitidia  |
| Forsythia          | Forsythia X intermedia         | Arnold Dwarf; Bronxensis Dwarf; Lynwood gold; Meadowlark; Spring Glory; Weeping.   |
| Fir Fraser         | Abies fraseri                  |  |
| Gardenia           | Gardenia jasminoides           | Mystery; Radicans  |
| Geranium           | Pelargonium X hortorum         |  |
| Gum                | Eucalyptus citriodora          |  |
| Hawthorn           | Crataegus spp.                 | Cockspur white; Crimson Cloud; Enchantress; Jack Evans; Washington White   |
| Heather, Twisted   | Erica cinerea                  | Mediterranean Pink   |
| Hibiscus           | Hibiscus spp.                  | Blue Bird; Brilliant; hula Girl  |
| Hemlock, Canada    | Tsuga canadensis               |  |
| Holly              | Ilex spp.                      | Blue Boy; Blue Girl;   |
|                    | Ilex X meserveae               | Burfordii; China Girl; Compacta; Forsteri; Hellerie; Japanese Northern Beauty; Needlepoint; nellie R. Stevens; Savanah   |
| Holly              | Ilex X attenuata               |  |
| Holly, Chinese     | Ilex comuta                    |  |
| Holly, Japanese    | Ilex crenata                   |  |
| Holly, Yaupon      | Ilex vomitoria                 |  |
| Honeysuckle        | Lonicera japonica              | Clavey's Dwarf; Halliana; Tatarian Canadian White; Zebelli Red Hosta   |
| Hosta              | Hosta spp.                     | Albo Marginata   |
| Hosta              | Hosta lancifolia               |  |
| Ice Plant          | Carpobrotus edulis             |  |
| Impatiens          | Impatiens wallerana            |  |
| Iris               | Iris spp.                      | Dwarf Blue; Wedgewood  |
| Ivy, English       | Hedera helix                   | Bulgaria, Thorndale  |
| Jasmine, Asian     | Trachelopermum asiaticum       |  |
| Juniper            | Juniperus spp.                 | Arcadia; Armstrong; Bar Harbor   |
| Juniper            | Juniperus horizontalis         | Blue Chip; Blue Pacific; Blue Rug; Blue Star; Broadmoor; Buffalo; Calgary Carpet; Emerald Sea; Emerald Spreader; Endora Compacta; Fruitlandi; Green; Gold Tip; Hetzi; hughes; Manhattan Blue; Parsoni; Pfitzeriana; Plumosa; Prince of Wales; Procumbens Dwarf; San jose; Sargent Blue; Sargent Green; Scandia; scopulorum Moonglow; Scopulorum skyrock; Spartan |
| Juniper            | Juniperus chinensis            | Tamariscifolia   |
| Juniper            | Juniperus sabina               | Weberi; Youngstown; Yukon Belle  |
| King Palm          | Archontophoenix cunninghamiana |  |
| Laurel, Australian | Pittosporum tobina             |  |
| Laurel, Mountain   | Kalmia latifolia               |  |
| Leucothoe          | Leucothoe fontanesiana         |  |

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|                      |                         |  |
|----------------------|-------------------------|--|
| Lily, African        | Agapanthus africanus    | Albus; Peter pan   |
| Lily, African blue   |                         |  |
| Lily of the Valley   | Pieris japonica         | Mt. Fire   |
| Lilyturf             | Liriope muscari         | Evergreen Giant; Lilac Beauty; majestic; monroe White; Variegata |
| Ligustrum, Japanese  | Ligustrum japonicum     |  |
| Liriope, Green       | Liriope spicata         |  |
| Maple, Japanese      | Acer japonicum          |  |
| Maple, Norway        | Acer platanoides        |  |
| Maple, Red           | Acer rubrum             |  |
| Maple, Silver        | Acer saccharinum        |  |
| Maple, Sugar         | Acer saccharum          |  |
| Marigold             | Tagetes patula          | Honeycomb; Variegata; Wheeler's Dwarf                            |
| Mock Orange*         | Philadelphus spp.       | Golden; Snowflake Double White                                   |
| Mondo Grass          | Ophiopogon japonicus    |  |
| Moss Rose            | Portulaca Grandiflora   | Sunnyside  |
| Myrtle, Crape        | Lagerstoemia indica     | Faurei; Langer; Muskogee; Standard Pink                          |
| Myrtle, Wax          | Myrica cerifer          |  |
| Nadina               | Nadina domestica        | Compacta; Nana   |
| Oak, Laurel          | Quercus laurifolia      |  |
| Oak, Pin             | Quercus palustris       |  |
| Oak, Red             | Quercus rubra           |  |
| Oak, Southern L      | Quercus virginiana      |  |
| Oak, Willow          | Quercus phellos         |  |
| Oleander             | Nerium oleander         | Hardy Red; Petite Pink; Sister Agnes                             |
| Oteospermum          | Osteospermum fruticosum | Wirligig   |
| Palm, Bangalow       |                         |  |
| Pampas Grass         | Cortadaria selloana     |  |
| Paper Flower         | Bougainvillea glabra    | Barbara Karst  |
| Pachysandra          | Pachysandra terminalis  |  |
| Peach*               | Prunus persica          |  |
| Periwinkle, Dwarf    | Vinca minor             |  |
| Petunia              | Petunia X hybrida       | Picoti   |
| Photinia, Red Tip    | Photinia X fraseri      |  |
| Pieris               | Pieris japonica         |  |
| Pine, Australian     | Pinus nigra             |  |
| Pine, Japanese Black | Pinus thunbergiana      |  |
| Pine, Loblolly       | Pinus taeda             |  |
| Pine, Longleaf       | Pinus palustris         |  |
| Pine, Mugho          | Pinus mugho             |  |
| Pine, Scotch         | Pinus sylvestris        |  |
| Pine, Slash          | Pinus elliotti          |  |
| Pine, Swiss Mt.      | Pinus mugo              |  |
| Pine, Virginia       | Pinus virginiana        |  |
| Pine, White          | Pinus strobus           |  |
| Pineapple, Guava     | Feijoa fellowaiana      |  |
| Pittosporum, Japan   |                         |  |
| Potentilla           | Potentilla fruticosa    | Abbotswood   |
| Privet               | Ligustrum japonicum     | Golden Vicary; Regal; Texanum; Wax; Yellow Tipped                |
| Privot, Glossy       | Ligustrum lucidum       |  |
| Pyracantha           | Pyracantha koidzumii    | Gnome; Lalandei; Victory   |

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|                         |                                 |  |
|-------------------------|---------------------------------|--|
| Queen Palm              | Arecastrum rammanzoffanum       |  |
| Quince, Japanese*       |                                 |  |
| Rhododendron            | Rhododendron spp.               | Album; Cunningham White; Fashion; Hardy; PJM; Purple Gem; Silvery Pink                               |
| Rhododendron, Carolina  | Rhododendron carolinianum       |  |
| Rhododendron, Catawba   | Rhododendron catawbiense        |  |
| Rodie Max (Rosebay)     | Rhododendron maximum            |  |
| Rose                    | Rosa banksiaae                  | Luta   |
| Rosemary*               | Rosmarinus officinalis          |  |
| Rosemary, Bog           | Andromeda polifolia             | Nana   |
| Salvia                  | Sa;via farinacea                | Rhea   |
| Sedum                   | Sedum spurium                   | Dragon Blood Red; Red Carpet; Yellow   |
| Spiraea                 | Astilbe X arendsii              | Fanall   |
| Spiraea                 | Spiraea spp.                    | Anthony Waterer Red; Dolchica; Froebeli Pink; Goldenflame Red; Snowmound White; Van Houtte White     |
| Spiraea, Garland        | Spiraea spp.                    |  |
| Spruce, Black Hills     | Picea glauca                    |  |
| Spruce, Colorado Blue   | Picea pungens                   |  |
| Spruce, norway          | Picea ables                     |  |
| Spruce, White           | Picea glauca                    | Conica   |
| Sourwood                | Oxydendrum arboreum             |  |
| Sweetflag, Grassy-Le    |                                 |  |
| Sweetgum                | Liquidambar styraciflua         |  |
| Sycamore                | Plantanus accidentails          |  |
| Tree Fern (Tiki Fern)   | Asparagus virgatus              |  |
| Trumpet Flower, evening | Gelsemium sempervirens          |  |
| Tulip                   | Tulip.spp.                      | Apeldoom   |
| Verbana, Shrub          | Lantana sellowiana              |  |
| Vervain                 | Verbena spp.                    | St.Paul  |
| Viburnum                | Viburnum spp.                   | American Cranberry Bush; Arrowood; Common Snowball; European Cranberry Bush; Linden; Mohican; Wright |
| Windmill Palm           | Trachycarpus fortunei           |  |
| Xylosma                 | Xylosma congestum               |  |
| Yaupon                  | Ilex vomitoria                  | Dwarf  |
| Yew                     | Taxus cuspidatra; Taxus X media | Denisiformis   |

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