| Please read instructions on re   | 504<br>everse before completin    | 6                                    | 7-23-20                     | 204                  |  | ر]<br>0. Approval expires 05-31-98           |
|--|-----------------------------------|--------------------------------------|-----------------------------|----------------------|--|--|
|  | Unit<br>Environmental             | ed States                            |                             |                      | Registration<br>Amendment                              | OPP Identifier Number                        |
|  | A                                 | pplication f                         | or Pesticide                | e - Section          | I  |  |
| 1. Company/Product Number<br>Dow AgroSciences/627                                | 19 504                            |                                      | 2. EPA Pr                   | oduct Manager        |  | Proposed Classification                      |
| 4. Company/Product (Name)  | 19-304                            |                                      | <br>PM#                     | Joanne I. Miller     | r (7505C)  | None Restricted                              |
| Dow AgroSciences/Crat  | -Buster™ 0.15% FG                 |                                      | PM# P                       | M / 23               | L_   |  |
| 5. Name and Address of Appli   |                                   | )                                    | 6. Exped                    | Ited Review.         | In accordance with                                     | FIFRA Section 3(c)(3)                        |
| Dow AgroSciences LLC<br>9330 Zionsville Road<br>Indianapolis, IN 46268           | )                                 |                                      | (b)(i), my<br>to:<br>EPA Re |                      | ilar or identical in C                                 | omposition and labeling                      |
| Check if this is   | s a new address                   |                                      | Product                     | Name                 |  |  |
|  |                                   |                                      | Section - II                |                      |  |  |
|  |                                   |                                      | F                           | •                    | els in response to                                     |  |
| Amendment - Explain t  | below.                            |                                      |                             | gency letter dat     | ed   | NOTIFICATION                                 |
| Resubmission in respo  | nse to Agency letter da           | ted                                  | ····                        | de Too" Applica      | ation.   | SEP 2 3 2004                                 |
| Notification - Explain b   | elow.                             |                                      |                             | ther- Explain b      | elow.  |  |
| . Material This Product Will E<br>Child-Resistant Packaging                      | e Packaged In:<br>Unit Packaging  |                                      | ater Soluble Pack           | aging                | 2. Type of Containe                                    | er   |
| Yes*   | Yes<br>No                         | ļF                                   | Yes<br>No                   |                      | Metal<br>Plastic<br>Glass                              |  |
|  | If "Yes"<br>Unit Packaging wgt. c |                                      | "Yes"<br>ackage wgt         | No. per<br>container | Paper  | (Specify)                                    |
| Location of Net Contents In  | formation 4.                      | Size(s) Retail Co                    | ontainer                    | 5 10                 | cation of Label Direct<br>On Label<br>On Labeling acco | ions<br>mpanying product                     |
| . Manner in Which Label is A   | ffixed to Product                 | Lithograph<br>Paper glu<br>Stenciled | ed                          | Other                |  |  |
| Contract Deliat /Occurring //  | ome dispeties between the         |                                      | ection - IV                 | ontrated if          |  |  |
| . Contact Point /Complete it   | ems airectly below for            | r                                    | ndividual to be c           | ontacted, if ned     |  |  |
| ame<br>Kimberly S. Gilbe   | rt                                | Title                                | Regulatory Ma               | nager                |  | Include Area Code)<br>fax no. (317) 337-4649 |
| I certify that the stateme<br>I acknowledge that any<br>both under applicable la | knowing false or misle            |                                      |                             |                      |  | 8. Date Apolication<br>Received<br>(Stamped) |
| Signature (  | $\overline{\gamma}$               | 3. Tit                               | e                           |                      | - <u></u> , '' <u>-</u> , '' <del>-</del> ,            |  |
| Cirdy A  | Deffor                            | Reg                                  | Regulatory Manager          |                      | 4  |  |
| Typed Name ()<br>mberly S. Gilbert   | 0                                 | 5. Da                                |                             | <u></u>              | <u></u>  | <b>]</b> .                                   |
| <sup>4</sup> Trademark of Dow AgroScier  | nces LLC                          |                                      | Septe                       | mber 3, 2004         |  |  |
| A Form 85 7 0-1 (Rev. 8-94)  |                                   | osolete                              |                             | White - El           | PA File Copy (original                                 | ) Yellow - Applicant Copy                    |

G2B / Crab-Buster 0.15% FG / Notif / 09-03-04 file: Crab-Buster 0.15% FG-504 03Sep04N.doc

# Crab-Buster<sup>™</sup> 0.15% FG

EPA Reg. No. 62719-504

Turf fertilizer product containing 0.15% dithiopyr intended for retail sale to homeowners

# **Registration Notes:**

Source label text based on EPA-accepted copy (Notice of Registration) dated March 24, 2003 and notification coded "G2B / Crab-Buster 0.15% FG / Notification" With Edits / 06-17-04."

## Changes via notification:

- 1. Corrected trademark symbol throughout label.
- 2. At the request of the state of New York, revised the following statement "In the state of New York, do not exceed 7.7 lb/1000 sq ft per year (equivalent to 0.5 pounds of active ingredient per acre). In Nassau and Suffolk Counties, do not exceed 3.8 lb/1000 sq ft per year (equivalent to 0.25 pounds of active per acre)." to read "In the state of New York, do not exceed 3.8 lb/1000 sq ft per 1000 sq ft per year of this product (equivalent to 0.25 lb of active ingredient per acre)."

....

™Trademark of Dow AgroSciences LLC

## [Front Panel of Bag]

(Logo) Dow AgroSciences

# Crab-Buster<sup>™</sup> 0.15% FG

Lawn and Ornamental Herbicide

For control of crabgrass and control or suppression many other annual grass and broadleaf weeds in ornamental landscape areas, established lawns and ornamental turf.

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

In the state of New York, do not exceed 3.8 lb per 1000 sq ft per year of this product (equivalent to 0.25 lb of active ingredient per acre).

| Active Ingredient                           |        |
|---|--------|
| dithiopyr: 3,5- pyridinedicarbothioic acid, |        |
| 2-(difluoromethyl)- 4-(2-methylpropyl)-6-   |        |
| (trifluoromethyl)-S,S-dimethyl ester        | 0.15%  |
| Inert Ingredients                           | 99.85% |
| Total                                       |        |

This product contains 0.075 pound of the active ingredient dithiopyr per 50 pound bag. Product protected by U.S. Patent No. 4,692,184. Other patents pending

# Guaranteed Fertilizer Analysis: XX-XX-XX<sup>†</sup>

| Water-Insoluble Nitrogen          | XX% |
|-----------------------------------|-----|
| Total Nitrogen (N)                |     |
| Ammoniacal Nitrogen               | XX% |
| Urea Nitrogen                     | XX% |
| Available Phosphoric Acid (P2O5)  | XX% |
| Soluble Potash (K <sub>2</sub> O) | XX% |
| Calcium (Ca)                      | XX% |
| Magnesium (Mg)                    | XX% |
| Copper (Cu)                       | XX% |
| Iron (Fe)                         | XX% |
| Manganese (Mn)                    | XX% |
| Zinc (Zn)                         | XX% |

<sup>†</sup> This product may be formulated with one or more of the following fertilizer materials: urea, methylene urea, sulfur coated urea, ammoniated phosphates, sulfate of potash, muriate of potash, copper oxide, iron oxide, manganese oxide, zinc oxide or limestone.

Keep Out of Reach of Children CAUTION

Page 1

NOTIFICATION

## [Front Panel of Bag - Continued]

#### [Optional Label Claims]

- A Selective Herbicide Plus Fertilizer Combination Product that Provides Control of Crabgrass and many Other Weeds in Established Lawns and Ornamental Turfgrasses and Residential Landscapes.
- **Premium Granular Fertilizer** Providing the Nutrients Needed for Beautiful Healthy Lawn and Ornamentals.
- Contains Crab-Buster<sup>™</sup> Herbicide A Highly Effective Herbicide for Crabgrass Control!
- Can Be Applied Up to 4 Weeks Later Than Other Preemergence Crabgrass Preventers.
- This Bag Treats Up To\_\_\_\_ Square Feet

## **Precautionary Statements**

## Hazards to Humans and Domestic Animals

## CAUTION: Causes Eye Irritation • Harmful If Inhaled

Avoid contact with eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged of frequently repeated skin contact while handling this material may cause allergic reaction in some individuals.

#### **First Aid**

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, the give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**Hot Line Number:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 day or night, for emergency treatment information.

## **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 disposing of equipment washwaters.

Refer to back/side panel of bag for Directions for Use including Storage and Disposal.

Notice: Read the entire label. Use only according to label directions. Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of Directions for Use. If terms are unacceptable, return at once unopened.

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-504

EPA Est. \_\_\_\_

<sup>™</sup>Trademark of Dow AgroSciences LLC Dow AgroSciences LLC • Indianapolis, IN 46268 U.S.A.

Net Weight \_\_\_ lb

## [Back Panel of Bag]

## **Directions for Use**

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

#### Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal. **Storage:** Store this product only in its original container in a dry, cool, secured storage area. **Disposal Instructions: If empty:** Do not reuse this container. Place in trash or offer recycling if available. **If partially filled:** Call you local solid waste agency or 1-800-CLEANUP for disposal instructions. Never

place unused product down any indoor or outdoor drain.

[Editor's Note: Supplemental distributor may insert own toll free number.]

## Use Directions for Turf

This turf fertilizer product, containing Crab-Buster<sup>™</sup> herbicide, can be applied up to 4 weeks later than other crabgrass preventers and provides up to 4 months of crabgrass control.

Crab-Buster 0.15% FG provides preemergence control of crabgrass and control or suppression of other listed weeds when applied prior to their germination. In addition, this product provides postemergence control of seedling crabgrass after germination and emergence. Postemergence control is limited to crabgrass only, but is effective up to 4 weeks after crabgrass has germinated. This generally corresponds to the time when crabgrass seedlings first become visible in the established turfgrass. Do not apply this product later than 4 weeks after crabgrass germination.

Apply this product only to turfgrass species listed on this label. The following turfgrass species are tolerant to this product when applied as directed:

| Cool-Season Grasses | Warm-Season Grasses |
|---------------------|---------------------|
| Bentgrass, creeping | Bahiagrass          |
| Bluegrass, Kentucky | Bermudagrass        |
| Fescue, fine        | Buffalograss        |
| Fescue, tall        | Carpetgrass         |
| Ryegrass, perennial | Centipedegrass      |
|                     | St. Augustinegrass  |
|                     | Zoysiagrass         |

## **Use Precautions for Turf**

This product should be applied only to lawns and ornamental turfgrasses that are well established. For newly established lawns, initial application of this product should be made only after turfgrasses have developed a vigorous root system, uniform stand, and received at least two mowings following seeding, sodding, or sprigging. **Exception:** In newly established lawns of Kentucky bluegrass, perennial ryegrass and/or tall fescue, this product may be applied two weeks after the first sign of germination.

- Use of this product on lawns and ornamental turfgrasses that are not well established, or weakened by stress due to mechanical operations, pests, excessive temperatures, or lack of moisture may result in turfgrass injury.
- For best results, cultural practices that disturb the soil, such as core-, spike-, or hydro-aerification, and verticutting, should be done before application of this product. **Do not** apply this product until turfgrass has recovered from the mechanical injury caused by these cultural practices.

• **Reseeding, Overseeding, or Sprigging:** Reseeding, overseeding, or sprigging of areas treated with this product within 10 weeks after a single application of this product or within 16 weeks after a split application program totaling 7.7 lb/1000 sq ft (0.5 lb active ingredient per acre) or more may inhibit the establishment of desirable turfgrasses. When reseeding, overseeding follow proper cultural practices for seedbed preparation, seeding, irrigation and fertilization.

#### **Other Use Precautions**

- Do not use clippings from treated turf for mulching around vegetables or fruit trees.
- Do not allow people or pets to enter treated area until dust has settled.

## **Application Timing**

### Spring Application

**Control of Crabgrass:** Crab-Buster 0.15% FG provides preemergence control of crabgrass and control or suppression of other listed weeds when applied prior to their germination. In addition, this product provides postemergence control of seedling crabgrass after germination and emergence. Postemergence control is limited to crabgrass only and is effective up to 4 weeks after germination of crabgrass. This generally corresponds to the time when crabgrass seedlings are at the 3-leaf stage of growth and first become visible in the established turf. This product will not control crabgrass at later growth stages when crabgrass plants begin to tiller (spread). Properly timed applications will control existing crabgrass and prevent further emergence of crabgrass seedlings. Do not apply this product later than 4 weeks after crabgrass germination.

**Control or Suppression of Other Grass and Broadleaf Weeds:** For control or suppression of other grass and broadleaf weeds, this product must be applied as a **preventative** treatment prior to their germination and emergence. Only crabgrass will be controlled with applications made up to 4 weeks after weed germination.

### Fall Application

This product can also be applied from late summer through early fall (late August through November). When applied in the fall, a sequential or second application of this product must be made the following spring to provide season-long control of crabgrass. If this product is applied in the fall, **do not** reseed, overseed or spring turfgrasses within 12 weeks after application.

#### Tips for Improved Weed Control

- For best results, apply this product within a few days after mowing and delay mowing again for a few days after the application.
- The turf herbicide and fertilizer components in this product are not effective until activated by rainfall or irrigation. Performance is improved if application is followed by 1/2 inch of rainfall or sprinkler irrigation. Erratic weed control may result if not activated by rainfall or irrigation within 30 days after application.

## Weeds Controlled or Suppressed

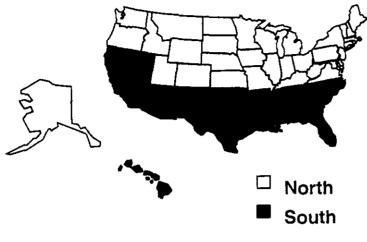
Crab-Buster 0.15% FG will provide control of crabgrass and control or suppression of other listed grass and broadleaf weeds when applied prior their germination.

| <b>Grasses</b><br>barley<br>barnyardgrass | Broadleaf Weeds<br>bittercress <sup>†</sup><br>carpetweed |
|---|---|
| bluegrass, annual                         | chickweed <sup>†</sup>                                    |
| brome                                     | geranium, Carolina <sup>†</sup>                           |
| crabgrass, large                          | henbit  |
| crabgrass, smooth                         | knotweed, prostrate                                       |
| crabgrass, Southern                       | lespedeza, common <sup>†</sup>                            |
| crowfootgrass <sup>†</sup>                | marestail   |
| dallisgrass                               | medic, black  |
| goosegrass                                | mustard   |
| foxtail, green                            | oxalis, buttercup   |
| foxtail, yellow                           | pineappleweed   |
| kikuyugrass <sup>†</sup>                  | pigweed, redroot  |
| oats, wild                                | parsley-piert <sup>†</sup>                                |
| ryegrass (annual & perennial)             | purslane, common  |
| sandbur                                   | rocket, London  |
| smutgrass                                 | shepherdspurse  |
| -   | speedwell, corn <sup>†</sup>                              |
|   | spurge, garden  |
|   | spurge, prostrate   |
|   | spurge, spotted   |
|   | woodsorrel, creeping                                      |
|   | woodsorrel, yellow  |

<sup>†</sup>Suppression only

## Length of Control

Crab-Buster 0.15% FG will provide up to 4 months of crabgrass control when applied according to label directions. The actual length of control will vary depending on use rate, weather conditions, condition of the turfgrass, intensity of weed pressure, and the location or "Region" within the United States where this product is being applied. **Refer to the map below to determine the region of the U.S. that includes your location.** Use the table below to determine the amount of Crab-Buster 0.15% FG to apply in your location based on the desired length of weed control or need for postemergence crabgrass control.



## Use "Regions" within the United States:

## **Recommended Use Rates**

|                |   | Crab-Buster 0.15% FG to A apply per 1,000 square feet             |  |
|----------------|---|---|--|
|                | Length of Crabgrass Control             |   |  |
| Region of U.S. | 2 - 3 months                            | 3 - 4 months  | Early Postemergence Control                                      |
| North          | 2.0 lb/1000 sq ft<br>(0.128 lb ai/acre) | 2.7 lb/1000 sq ft<br>(0.174 lb ai/acre)                           | 3.4 - 7.7 lb/1000 sq ft <sup>11</sup><br>(0.22 - 0.5 lb ai/acre) |
| South          | 2.9 lb/1000 sq ft<br>(0.192 lb ai/acre) | 3.4 - 3.9 lb/1000 sq ft <sup>11</sup><br>(0.22-0.256 lb ai./acre) | 3.4 - 7.7 lb/1000 sq ft <sup>TT</sup><br>(0.22 - 0.5 lb ai/acre) |

<sup>1</sup>1,000 square feet equals an area 100 feet X 10 feet or square area of about 32 feet on a side.

<sup>11</sup> Use the higher rate in rate range in areas of high weed pressure or for increased length of control.

### **Maximum Application Rates:**

- Do not apply more than 7.7 lb of this product per 1,000 sq ft per application and no more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- In the state of New York, do not exceed 3.8 lb per 1000 sq ft per year of this product (equivalent to 0.25 lb of active ingredient per acre).

# **Application Instructions and Equipment**

This product may be applied with drop or rotary-type spreaders designed to apply granular herbicides. For best results, apply this product evenly and uniformly avoiding streaking, skips or overlaps. Avoid the use of spreaders that tend to apply granules in narrow rows or concentrated bands. Calibrate the spreader according to the manufacturer's directions. Initial spreader settings may require adjustment to deliver the recommended application rate under actual application conditions. The desired calibration setting may be marked or recorded for future reference. Apply this product uniformly over the treatment area. More uniformity of application can usually be achieved by applying one-half of the required amount of product over the treatment area and then applying the remaining one-half in a different direction (e.g., at a right angle to the previous direction). Avoid streaking, skips, or overlaps during application.

Check equipment frequently to verify calibration and proper functioning.

| [Editor's note: Supplemental Distributor may add a table listing recommended application |  |
|--|--|
| equipment and calibration settings.]   |  |

| Brand and Model of Spreader | Calibration Settings at Specified Rate (lb/1000 sq ft |      |     | iq ft) |     |          |
|-----------------------------|---|------|-----|--------|-----|----------|
|                             | 2.0   | 2.7- | 2.9 | 3.4    | 3.9 | 7.7      |
| XXXXXXX                     | <b>XX</b> .   | XX   | XX  | XX     | XX  | <u> </u> |
|                             |   |      |     |        | 1   |          |

# Use Directions for Landscape Ornamentals

Crab-Buster 0.15% FG provides preemergence control or suppression of listed annual grass and broadleaf weeds in plantings of ornamental plants listed on this label. For application instructions and equipment, see Application Instructions and Equipment section above.

# **Use Rates**

Apply Crab-Buster 0.15% FG Lawn and Ornamental Herbicide with a properly calibrated spreader or other means that will assure uniform distribution. This product may be applied as a single application or as a split application. Split or sequential applications may be used to provide improved weed control or to provide extended weed control in areas with long growing seasons. To make a split application, divide the rate in the following table into separate applications made 5-10 weeks apart. Sequential applications may be made in the late summer following a spring application or in the spring after a fall application, provide the maximum application rates per year given below are not exceeded.

| Pounds of Product per         | Ounces of Product per |
|-------------------------------|-----------------------|
| 1000 Square Feet <sup>®</sup> | 100 Square Feet       |
| 7.7                           | 0.77 (12.3 oz)        |

<sup>†</sup>Rate based on an area of 100 sq ft for treatment of small areas.

## **Maximum Application Rates:**

- Do not apply more than 7.7 lb of this product per 1,000 sq ft per application and no more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- In the state of New York, do not exceed 3.8 lb per 1000 sq ft per year of this product (equivalent to 0.25 lb of active ingredient per acre).

# **Application Timing and Recommendations**

Crab-Buster 0.15% FG is a preemergence herbicide that will not control established weeds. Make applications prior to weed seed germination. Bare ground or mulched areas may be treated. The best weed control is obtained when applied to soil that is free of clods, weeds and debris such as leaves. Prior to making an application, control existing vegetation by hand weeding, cultivation or with a postemergence herbicide. Avoid disturbance of treated areas. Loss of weed control may result if the treated soil surface is disturbed by soil mixing or tillage.

## **Use Precautions**

- Apply this product only to established ornamentals.
- Do not apply this product directly to bare roots of ornamental plants as injury may result.
- **Do not** incorporate this product into soil. Dilution of active ingredient and possible injury to plant roots may occur.
- **Do not** apply to soil around ornamental plants that are under stress due to drought, flooding, excessive fertilizer or soil salts, wind injury, hail, frost damage, winter injury, injury from previously applied pesticides or injury due to insects, nematodes or disease.
- To avoid foliar damage to ornamentals, irrigate immediately after application to remove herbicide particles from the foliage.
- Do not apply under conditions that would affect product distribution. Wind could affect distribution and move product onto sensitive species. Uneven product distribution will result in uneven weed control.

## Weeds Controlled or Suppressed

Used as directed, Crab-Buster 0.15% FG will control crabgrass and control or suppress other listed grass and broadleaf weeds when applied prior to their germination. **Refer to "Use Directions for Turf" section above for a complete listing of weeds controlled or suppressed.** This product will not control established broadleaf weeds or grasses, except for crabgrass in early stages of development. The area to be treated should be free of weeds prior to application.

# **Tolerant Ornamentals**

The ornamentals listed below have shown tolerance to this product when applied according to label directions. However, this product has not been tested on all ornamental species, all cultivars of species on this label, or under all possible growing conditions. For species or cultivars not listed, it is recommended that a few plants in a limited area be treated and observed for tolerance under local growing conditions prior to large-scale use.

| Common Name        | Botanical Name                    | Tolerant Cultivars                                      |
|--------------------|-----------------------------------|---|
| Abelia, Dwarf      | Abelia X grandiflora              | Nana  |
| Ajuga              | Ajuga reptans<br>Ajuga genevensis | Bronze<br>Bronze Beauty                                 |
| Almond, Flowering  | Prunus gladulosa                  |   |
| Apple              | Malus pumila                      |   |
| Arborvitae         | Thuja occidentalis                | Nigra<br>Pyramidalis<br>Smaragh<br>Techny<br>Woodwardii |
| Arborvitae, Golden | Thuja orientalis                  |   |
| Aster, Chinese     | Callistephus chinensis            | Dwarf Queen   |
| Ash, Green         | Fraxinus pennsylvanica            |   |
| Ash, Mountain      | Sorbus aucuparia                  |   |
| Ash, Purpie        | Fraxinus americana                |   |

ġ

| Azalea   | Rhododendron spp.  | Brilliant   |
|--|--|---|
| [  | 1  | Buccaneer   |
|  |  | Carror  |
|  | 1  | Chimes (Belgian)  |
|  |  | Elsie Lee   |
|  |  | Exbury  |
|  |  | Fashion   |
|  |  | Hardíjzer Beauty  |
|  |  | Hershey Red   |
|  |  | Higasa  |
|  | 1  | Hinocrimson   |
|  |  | Holland (Hybrid)  |
|  | 1  | Marion Lee  |
|  |  | Northern Lights   |
|  |  | Orange Cup  |
|  |  | Orchid Lights   |
|  |  | Snow  |
|  | L  | Southern Charm  |
| Azalea, Flame  | Rhododendron calendulaceum   |   |
| Azalea, Kirishima  | <u> </u>   |   |
| Bamboo, Heavenly   |  | +   |
| Barberry   | Berberis thunbergii  | Aurea   |
|  | }  | Dwarf Pigmy   |
|  |  | Green .   |
|  |  | Kobold  |
|  |  | Pygmy Red   |
|  |  | Rose Glow   |
| Barberry, Purple   |  | Atropurpurea  |
| Basket flower  | Gaillardia grandiflora   | · · · · · · · · · · · · · · · · · · ·   |
| Bearberry (common)   | Arctostaphylos uva-ursi  | Massachusetts   |
| Bee Balm   | Monarda didyma   |   |
| Begonia  | Begonia spp.   |   |
| Birch, River   | Betula nigra   |   |
| Blackeyed Susan  | Rudbeckia hirta  | Goldstrum   |
| Blanket Flower   | Gaillardia spp.  |   |
| Blueberry  | Vaccinium spp.   | Bluecrop  |
| -  |  | Blue Jay  |
|  |  | Jersey  |
|  |  |   |
|  |  | North Blue  |
|  |  |   |
| Bottlebrush  | Callistemon citrinus   | North Blue<br>Northland   |
| Bottlebrush<br>Boxwood, Japanese   | Callistemon citrinus   | North Blue  |
|  | Callistemon citrinus<br>Buxus sempervirens   | North Blue<br>Northland   |
| Boxwood, Japanese  |  | North Blue<br>Northland   |
| Boxwood, Japanese<br>Boxwood, Weller   | Buxus sempervirens   | North Blue<br>Northland<br>Japonica   |
| Boxwood, Japanese<br>Boxwood, Weller<br>Broom  | Buxus sempervirens<br>Cytisus spp.   | North Blue<br>Northland<br>Japonica<br>Moonlight  |
| Boxwood, Japanese<br>Boxwood, Weller<br>Broom<br>Bugle Carpet  | Buxus sempervirens<br>Cytisus spp.<br>Genista pilosa   | North Blue<br>Northland<br>Japonica<br>Moonlight  |
| Boxwood, Japanese<br>Boxwood, Weller<br>Broom  | Buxus sempervirens<br>Cytisus spp.   | North Blue<br>Northland<br>Japonica<br>Moonlight<br>Vancouver Gold<br>Debutante   |
| Boxwood, Japanese<br>Boxwood, Weller<br>Broom<br>Bugle Carpet  | Buxus sempervirens<br>Cytisus spp.<br>Genista pilosa   | North Blue<br>Northland<br>Japonica<br>Moonlight<br>Vancouver Gold  |
| Boxwood, Japanese<br>Boxwood, Weller<br>Broom<br>Bugle Carpet  | Buxus sempervirens<br>Cytisus spp.<br>Genista pilosa   | North Blue<br>Northland<br>Japonica<br>Moonlight<br>Vancouver Gold<br>Debutante<br>Mathotiana Supreme   |
| Boxwood, Japanese<br>Boxwood, Weller<br>Broom<br>Bugle Carpet<br>Cameilia  | Buxus sempervirens<br>Cytisus spp.<br>Genista pilosa<br>Camellia japonica<br>Camellia sasanqua   | North Blue<br>Northland<br>Japonica<br>Moonlight<br>Vancouver Gold<br>Debutante<br>Mathotiana Supreme   |
| Boxwood, Japanese<br>Boxwood, Weller<br>Broom<br>Bugle Carpet<br>Camellia<br>Candy Tuft  | Buxus sempervirens<br>Cytisus spp.<br>Genista pilosa<br>Camellia japonica<br>Camellia sasanqua<br>Iberis spp.  | North Blue<br>Northland<br>Japonica<br>Moonlight<br>Vancouver Gold<br>Debutante<br>Mathotiana Supreme<br>Chansonette                                  |
| Boxwood, Japanese<br>Boxwood, Weller<br>Broom<br>Bugle Carpet<br>Camellia<br>Candy Tuft<br>Carex, Variegated   | Buxus sempervirens<br>Cytisus spp.<br>Genista pilosa<br>Camellia japonica<br>Camellia sasanqua<br>Iberis spp.<br>Carex   | North Blue<br>Northland<br>Japonica<br>Moonlight<br>Vancouver Gold<br>Debutante<br>Mathotiana Supreme<br>Chansonette                                  |
| Boxwood, Japanese<br>Boxwood, Weller<br>Broom<br>Bugle Carpet<br>Camellia<br>Candy Tuft<br>Carex, Variegated<br>Cedar, Red   | Buxus sempervirens<br>Cytisus spp.<br>Genista pilosa<br>Camellia japonica<br>Camellia sasanqua<br>Iberis spp.<br>Carex<br>Juniperus virginiana   | North Blue<br>Northland<br>Japonica<br>Moonlight<br>Vancouver Gold<br>Debutante<br>Mathotiana Supreme<br>Chansonette                                  |
| Boxwood, Japanese<br>Boxwood, Weller<br>Broom<br>Bugle Carpet<br>Camellia<br>Candy Tuft<br>Carex, Variegated<br>Cedar, Red<br>Celosia  | Buxus sempervirens<br>Cytisus spp.<br>Genista pilosa<br>Camellia japonica<br>Camellia sasanqua<br>Iberis spp.<br>Carex<br>Juniperus virginiana<br>Celosia spp.   | North Blue<br>Northland<br>Japonica<br>Moonlight<br>Vancouver Gold<br>Debutante<br>Mathotiana Supreme<br>Chansonette                                  |
| Boxwood, Japanese<br>Boxwood, Weller<br>Broom<br>Bugle Carpet<br>Camellia<br>Candy Tuft<br>Carex, Variegated<br>Cedar, Red<br>Celosia<br>Centaura  | Buxus sempervirens<br>Cytisus spp.<br>Genista pilosa<br>Camellia japonica<br>Camellia sasanqua<br>Iberis spp.<br>Carex<br>Juniperus virginiana<br>Celosia spp.<br>Centaurea montana  | North Blue<br>Northland<br>Japonica<br>Moonlight<br>Vancouver Gold<br>Debutante<br>Mathotiana Supreme<br>Chansonette<br>Snow White                    |
| Boxwood, Japanese<br>Boxwood, Weller<br>Broom<br>Bugle Carpet<br>Carnellia<br>Candy Tuft<br>Carex, Variegated<br>Cedar, Red<br>Celosia<br>Centaura<br>Cockscomb, Plumosa                       | Buxus sempervirens<br>Cytisus spp.<br>Genista pilosa<br>Camellia japonica<br>Camellia sasanqua<br>Iberis spp.<br>Carex<br>Juniperus virginiana<br>Celosia spp.<br>Centaurea montana<br>Celosia cristata                                    | North Blue<br>Northland<br>Japonica<br>Moonlight<br>Vancouver Gold<br>Debutante<br>Mathotiana Supreme<br>Chansonette<br>Snow White<br>Scarlet Plumosa |
| Boxwood, Japanese<br>Boxwood, Weller<br>Broom<br>Bugle Carpet<br>Cameilia<br>Candy Tuft<br>Carex, Variegated<br>Cedar, Red<br>Celosia<br>Centaura<br>Cockscomb, Plumosa<br>Coleus              | Buxus sempervirens<br>Cytisus spp.<br>Genista pilosa<br>Camellia japonica<br>Camellia sasanqua<br>Iberis spp.<br>Carex<br>Juniperus virginiana<br>Celosia spp.<br>Centaurea montana<br>Celosia cristata<br>Coleus blumei                   | North Blue<br>Northland<br>Japonica<br>Moonlight<br>Vancouver Gold<br>Debutante<br>Mathotiana Supreme<br>Chansonette<br>Snow White                    |
| Boxwood, Japanese<br>Boxwood, Weller<br>Broom<br>Bugle Carpet<br>Camellia<br>Candy Tuft<br>Carex, Variegated<br>Cedar, Red<br>Celosia<br>Centaura<br>Cockscomb, Plumosa<br>Coleus<br>Columbine | Buxus sempervirens<br>Cytisus spp.<br>Genista pilosa<br>Camellia japonica<br>Camellia sasanqua<br>Iberis spp.<br>Carex<br>Juniperus virginiana<br>Celosia spp.<br>Centaurea montana<br>Celosia cristata<br>Coleus blumei<br>Aquilegia spp. | North Blue<br>Northland<br>Japonica<br>Moonlight<br>Vancouver Gold<br>Debutante<br>Mathotiana Supreme<br>Chansonette<br>Snow White<br>Scarlet Plumosa |
| Boxwood, Japanese<br>Boxwood, Weller<br>Broom<br>Bugle Carpet<br>Camellia<br>Candy Tuft<br>Carex, Variegated<br>Cedar, Red<br>Celosia<br>Centaura<br>Cockscomb, Plumosa<br>Coleus              | Buxus sempervirens<br>Cytisus spp.<br>Genista pilosa<br>Camellia japonica<br>Camellia sasanqua<br>Iberis spp.<br>Carex<br>Juniperus virginiana<br>Celosia spp.<br>Centaurea montana<br>Celosia cristata<br>Coleus blumei                   | North Blue<br>Northland<br>Japonica<br>Moonlight<br>Vancouver Gold<br>Debutante<br>Mathotiana Supreme<br>Chansonette<br>Snow White<br>Scarlet Plumosa |

| Corn Flower  | Centaurea spp.   |  |
|--|--|--|
|  | Centaurea spp.   |  |
| Cotoneaster  | Cotoneaster apiculatus   |  |
| Coyotebrush  | Baccharis pilularis  |  |
| Cycads   | Cycas revoluta   |  |
| Cypress, Bald  | Taxodium distichum   |  |
| Cypress, Italian   | Cupressus sempervirens   | Glauca   |
| Cypress, Japanese False  | Chamaecyparis obtusa   | Gracilis   |
| Cypress, Japanese Palse<br>Cypress, Leyland                                    | Cupressocyparis leylandii  |  |
| Daffodil   | Narcissus spp.   | King Alfred  |
|  |  | King Alfred  |
| Daylilly   | Hemerocallis spp.  | Bright Yellow (Hybrid)   |
|  | 1  | Single Gold (Evergreen)  |
|  |  | Wilsonís Yellow  |
| Dianthus (Sweet William)   | Dianthus spp.  |  |
| Delphinium   | Delphinium spp.  | Magic fountain   |
| Dogwood  | Cornus florida   | Magio louritain  |
| Dogwood, American  | Cornus sericea   | Flavarimaea  |
| Douglas Fir  | Pseudotsuga menziesii  | Flavalillaea   |
| Dusty Miller   | Senecio cineraria  |  |
|  |  |  |
| Elm, Drake   | Ulmus parvifolia   |  |
| Euonymus   | Euonymus fortunei  | Argenteo-variegata   |
|  |  | Auereo-marginata<br>Colorata   |
|  |  | Emerald Galety   |
|  | 1  | Emerald ëN Gold  |
|  |  | Gold Edge  |
|  | 1  | Gold Princess  |
|  |  | Silver King  |
|  |  |  |
|  |  | Vegetus  |
| Fan Palm, European   | Chamaerops humilis   |  |
| Fan Palm, Mexican  | Washingtonia robusta   |  |
| Fern (various)   | Asparagus spp.   |  |
| Fescue   | Festuca glauca   |  |
| Fetterbush   | Leucothoe fontanesiana   | Rainbow  |
| Ficus  | Ficus retusa   | Nitidia  |
| Fir Fraser   | Abies fraseri  |  |
| Forsythia  | Forsythia X intermedia   | Arnold Dwarf   |
| rorsyma  | 1 orsyana x internouna   | Bronxensis Dwarf   |
|  | [  | Lynwood Gold   |
|  |  | Meadowlark   |
|  | Spring Glory   | Weeping  |
| Fuchsia  | Fuchsia spp.   |  |
| Galium   |  |  |
|  | Gallum ordoratum   | 1  |
| Gardenia   | Galium ordoratum<br>Gardenia jasminoides   | Mystery  |
|  | Gailum ordoratum<br>Gardenia jasminoides   | Mystery<br>Radicans  |
| Gardenia   | Gardenia jasminoides   |  |
| Gardenia<br>Geranium   | Gardenia jasminoides<br>Pelargonium X hortorum   |  |
| Gardenia<br>Geranium<br>Gum  | Gardenia jasminoides<br>Pelargonium X hortorum<br>Eucalyptus citriodora  | Radicans   |
| Gardenia<br>Geranium   | Gardenia jasminoides<br>Pelargonium X hortorum   | Radicans<br>Cockspur White   |
| Gardenia<br>Geranium<br>Gum  | Gardenia jasminoides<br>Pelargonium X hortorum<br>Eucalyptus citriodora  | Radicans   |
| Gardenia<br>Geranium<br>Gum  | Gardenia jasminoides<br>Pelargonium X hortorum<br>Eucalyptus citriodora  | Radicans<br>Cockspur White<br>Crimson Cloud  |
| Gardenia<br>Geranium<br>Gum  | Gardenia jasminoides<br>Pelargonium X hortorum<br>Eucalyptus citriodora  | Radicans<br>Cockspur White<br>Crimson Cloud<br>Enchantress<br>Jack Evans   |
| Gardenia<br>Geranium<br>Gum<br>Hawthorn  | Gardenia jasminoides<br>Pelargonium X hortorum<br>Eucalyptus citriodora  | Cockspur White<br>Crimson Cloud<br>Enchantress   |
| Gardenia<br>Geranium<br>Gum<br>Hawthorn<br>Heather, Twisted                    | Gardenia jasminoides<br>Pelargonium X hortorum<br>Eucalyptus citriodora<br>Crataegus spp.<br>Erica cinerea                     | Radicans<br>Cockspur White<br>Crimson Cloud<br>Enchantress<br>Jack Evans<br>Washington White                       |
| Gardenia<br>Geranium<br>Gum<br>Hawthorn<br>Heather, Twisted<br>Hemlock, Canada | Gardenia jasminoides<br>Pelargonium X hortorum<br>Eucalyptus citriodora<br>Crataegus spp.<br>Erica cinerea<br>Tsuga canadensis | Radicans<br>Cockspur White<br>Crimson Cloud<br>Enchantress<br>Jack Evans<br>Washington White<br>Mediterranean Pink |
| Gardenia<br>Geranium<br>Gum<br>Hawthorn<br>Heather, Twisted                    | Gardenia jasminoides<br>Pelargonium X hortorum<br>Eucalyptus citriodora<br>Crataegus spp.<br>Erica cinerea                     | Radicans<br>Cockspur White<br>Crimson Cloud<br>Enchantress<br>Jack Evans<br>Washington White                       |

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| Holly             | /lex spp.                 | Blue Boy   |
|-------------------|---------------------------|--|
|                   |                           | Blue Girl  |
|                   | llex X meserveae          | Burfodii   |
|                   |                           | China Girl   |
|                   |                           | Compacta   |
|                   |                           | Forsteri   |
|                   |                           | Hellerie   |
|                   |                           | Japanese Northern Beauty   |
|                   |                           | Needlepoint  |
|                   |                           | Nellie R. Stevens  |
|                   | llex X attenuata          | Savannah   |
| Holly, Chinese    | llex cornuta              |  |
| Holly, Japanese   | llex crenata              |  |
| Holly, Yaupon     | llex vomitoria            |  |
| Honeysuckle       | Lonicera japonica         | Claveyis Dwarf   |
|                   |                           | Halliana   |
|                   |                           | Tatarian Canadian White  |
|                   |                           | Zebelli Red Hosta  |
| Hosta             | Hosta spp.                | Albo Marginata   |
| ion Diant         | Hosta lancifolia          |  |
| ice Plant         | Carpobrotus edulis        |  |
| Impatiens<br>Iris | Impatiens spp.            | Dwarf Blue   |
| ins               | Iris spp.                 | Wedgewood  |
| lvy, English      | Hedera helix              | Bulgaria   |
| ivy, English      | Heudra Henx               | Thorndale  |
| Jasmine, Asian    | Trachelospermum asiaticum |  |
| Juniper           | Juniperus spp.            | Arcadia  |
| samper            | oumpere opp.              | Armstrong  |
|                   |                           | Bar Harbor   |
|                   | Juniperus horizontalis    | Blue Chip  |
|                   |                           | Blue Pacific   |
|                   |                           | Blue Rug   |
|                   | Juniperus horizontalis    | Blue Star  |
|                   |                           | Broadmoor  |
|                   |                           | Buffalo  |
|                   |                           | Calgary Carpet   |
|                   |                           | Emerald Sea  |
|                   | 1                         | Emerald Spreader   |
|                   |                           | Endora Compacta  |
|                   | 1                         | Fruitlandi   |
|                   | 1                         | Green  |
|                   | 1                         | Gold Tip   |
|                   |                           | Hetzi  |
|                   |                           | Hughes   |
|                   | }                         | Manhattan Blue   |
|                   |                           | Parsoni  |
|                   |                           | Pfitzeriana  |
|                   | 1                         | Plumosa  |
|                   | 1                         | Prince of Wales  |
|                   |                           | Procumbens Dwarf   |
|                   | 1                         | San Jose   |
|                   | 1                         | Sargent Blue   |
|                   | 1                         | Sargent Green  |
|                   | <b>h</b>                  | Scandia  |
|                   |                           |  |
|                   | 1                         | Scopulorum Moonglow  |
|                   |                           |  |
|                   | Juniperus chinensis       | Scopulorum Moonglow<br>Scopulorum Skyrocket<br>Spartan<br>Tamariscifolia |

14

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|                          | Juniperus sabina               | Weberi   |
|--------------------------|--------------------------------|--|
|                          |                                | Youngstown   |
|                          |                                | Yukon Belle  |
| King Palm                | Archontophoenix cunninghamiana |  |
| Laurel, Australian       | Pittosporum tobira             |  |
| Laurel, Mountain         | Kalmia latifolia               |  |
| Leucothoe                | Leucothoe fontanesiana         |  |
| Ligustrum, Japanese      | Ligustrum japonicum            |  |
| Lily, African            | Agapanthus africanus           | Albus<br>Peter Pan   |
| Lily, African Blue       |                                |  |
| Lily of the Valley       | Pieris japonica                | Mt. Fire   |
| Lilyturf                 | Liriope muscari                | Evergreen Giant<br>Lilac Beauty<br>Majestic<br>Monroe White<br>Variegata |
| Liriope, Green           | Liriope spicata                |  |
| Maple, Japanese          | Acer japonicum                 |  |
| Maple, Norway            | Acer platanoides               |  |
| Maple, Red <sup>†</sup>  | Acer rubrum                    |  |
| Maple, Silver            | Acer saccharinum               |  |
| Maple Sugar              | Acer saccharum                 |  |
| Marigold                 | Tagetes patula                 | Honeycomb<br>Variegata<br>Wheelerís Dwarf                                |
| Mock Orange <sup>+</sup> | Philadelphus spp               | Golden<br>Snowflake Double White   |
| Mondo Grass              | Ophiopogon japonicus           |  |
| Moss Rose                | Portulaca grandiflora          | Sunnyside  |
| Myrtle, Crape            | Lagerstroemia indica           | Faurei<br>Langer<br>Muskogee<br>Standard Pink                            |
| Myrtle, Wax              | Myrica cerifera                |  |
| Nandina                  | Nandina domestica              | Compacta<br>Nana   |
| Narcissus                | Narcissus spp.                 |  |
| Oak, Laurel              | Quercus laurifolia             |  |
| Oak, Pin                 | Quercus palustris              |  |
| Oak, Red                 | Quercus rubra                  |  |
| Oak, Southern            | Quercus virginiana             |  |
| Oak, Willow              | Quercus phellos                |  |
| Oleander                 | Nerium oleander                | Hardy Red<br>Petite Pink<br>Sister Agnes                                 |
| Osteospermum             | Osteospermum fruticosum        | Wirligig   |
| Pachysandra              | Pachysandra terminalis         |  |
| Palm, Bangalow           |                                |  |
| Pampas Grass             | Cortaderia selloana            |  |
| Pansy                    | Viola x wittrockiana           |  |
| Paper Flower             | Bougainvillea glabra           | Barbara Karst  |
| 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                    |  |

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| Pine, Japanese Black  | Pinus thunbergiana  |  |
|---|---|--|
| Pine, Loblolly  | Pinus taeda   |  |
| Pine, Longleaf  | Pinus palustris   |  |
| Pine, Mugo  | Pinus mugho   |  |
| Pine, Scotch  | Pinus sylvestris  |  |
| Pine, Slash   | Pinus elliottii   |  |
| Pine, Swiss Mt.   | Pinus mugo  |  |
| Pine, Virginia  | Pinus virginiana  |  |
| Pine, White   | Pinus strobus   |  |
| Pineapple, Guava  | Feijoa sellowiana   |  |
| Pieris  | Pieris taiwanensis  |  |
| Pittosporum, Japan  |   |  |
|   | Bolectille conclonaie   | Abbabaaad  |
| Potentilla  | Potentilla nepalensis   | Abbotswood   |
|   | Potentilla fruticosa  |  |
| Privet  | Ligustrum japonicum   | Golden Vicary  |
|   |   | Regal  |
|   |   | Texanum  |
|   |   | Wax<br>Vallow Tipped   |
|   |   | Yellow Tipped  |
| Privet, Glossy  | Ligustrum lucidum   |  |
| Pyracantha  | Pyracantha koidzumii  | Gnome  |
|   |   | Lalandei   |
|   | •   | Victory  |
| Queen Palm  | Arecastrum rammanzoffianum  |  |
| Quince, Japanese  | ·   |  |
| Rhododendron  | Rhododendron spp  | Album  |
|   | [   | Cunningham White   |
|   |   | Fashion  |
|   |   | Hardy  |
|   |   | PJM  |
|   |   | Purple Gem   |
|   |   | Silvery Pink   |
| Rhododendron, Carolina  | Rhododendron carolinianum   |  |
| Rhododendron, Catawba   | Rhododendron catawbiense  |  |
| Rockcress   | Arabis spp.   | Snowcap  |
| Rhodie Max (Rosebay)  | Rhododendron maximum  |  |
| Rose  | Rosa banksiae   | Luta   |
| Rosemary <sup>T</sup>   | and the second  |  |
| L DOSHIDAIV   | Rosmarinus officinalis  |  |
|   | Rosmarinus officinalis<br>Andromeda polifolia   | Nana   |
| Rosemary, Bog   | Andromeda polifolia   | Nana<br>Bhea   |
| Rosemary, Bog<br>Salvia   | Andromeda polifolia<br>Salvia farinacea   | Rhea   |
| Rosemary, Bog   | Andromeda polifolia   | Rhea<br>Dragon Blood Red   |
| Rosemary, Bog<br>Salvia   | Andromeda polifolia<br>Salvia farinacea   | Rhea<br>Dragon Blood Red<br>Red Carpet   |
| Rosemary, Bog<br>Salvia<br>Sedum  | Andromeda polifolia<br>Salvia farinacea<br>Sedum spurium  | Rhea<br>Dragon Blood Red   |
| Rosemary, Bog<br>Salvia<br>Sedum<br>Snapdragon  | Andromeda polifolia<br>Salvia farinacea<br>Sedum spurium<br>Antirrhinum spp.  | Rhea<br>Dragon Blood Red<br>Red Carpet   |
| Rosemary, Bog<br>Salvia<br>Sedum<br>Snapdragon<br>Sourwood  | Andromeda polifolia<br>Salvia farinacea<br>Sedum spurium<br>Antirrhinum spp.<br>Oxydendrum arboreum   | Rhea<br>Dragon Blood Red<br>Red Carpet<br>Yellow   |
| Rosemary, Bog<br>Salvia<br>Sedum<br>Snapdragon<br>Sourwood<br>Spiraea   | Andromeda polifolia<br>Salvia farinacea<br>Sedum spurium<br>Antirrhinum spp.<br>Oxydendrum arboreum<br>Astilbe X arendsii   | Rhea<br>Dragon Blood Red<br>Red Carpet<br>Yellow<br>Fanall   |
| Rosemary, Bog<br>Salvia<br>Sedum<br>Snapdragon<br>Sourwood  | Andromeda polifolia<br>Salvia farinacea<br>Sedum spurium<br>Antirrhinum spp.<br>Oxydendrum arboreum   | Rhea   Dragon Blood Red   Red Carpet   Yellow   Fanall   Anthony Waterer Red   |
| Rosemary, Bog<br>Salvia<br>Sedum<br>Snapdragon<br>Sourwood<br>Spiraea   | Andromeda polifolia<br>Salvia farinacea<br>Sedum spurium<br>Antirrhinum spp.<br>Oxydendrum arboreum<br>Astilbe X arendsii   | Rhea   Dragon Blood Red   Red Carpet   Yellow   Fanall   Anthony Waterer Red   Dolchica  |
| Rosemary, Bog<br>Salvia<br>Sedum<br>Snapdragon<br>Sourwood<br>Spiraea   | Andromeda polifolia<br>Salvia farinacea<br>Sedum spurium<br>Antirrhinum spp.<br>Oxydendrum arboreum<br>Astilbe X arendsii   | Rhea   Dragon Blood Red   Red Carpet   Yellow   Fanall   Anthony Waterer Red   Dolchica   Froebeli Pink  |
| Rosemary, Bog<br>Salvia<br>Sedum<br>Snapdragon<br>Sourwood<br>Spiraea   | Andromeda polifolia<br>Salvia farinacea<br>Sedum spurium<br>Antirrhinum spp.<br>Oxydendrum arboreum<br>Astilbe X arendsii   | Rhea   Dragon Blood Red   Red Carpet   Yellow   Fanall   Anthony Waterer Red   Dolchica   Froebeli Pink   Goldenflame Red                                      |
| Rosemary, Bog<br>Salvia<br>Sedum<br>Snapdragon<br>Sourwood<br>Spiraea   | Andromeda polifolia<br>Salvia farinacea<br>Sedum spurium<br>Antirrhinum spp.<br>Oxydendrum arboreum<br>Astilbe X arendsii   | Rhea   Dragon Blood Red   Red Carpet   Yellow   Fanall   Anthony Waterer Red   Dolchica   Froebeli Pink   Goldenflame Red   Snowmound White                    |
| Rosemary, Bog<br>Salvia<br>Sedum<br>Snapdragon<br>Sourwood<br>Spiraea<br>Spiraea  | Andromeda polifolia<br>Salvia farinacea<br>Sedum spurium<br>Antirrhinum spp.<br>Oxydendrum arboreum<br>Astilbe X arendsii<br>Spiraea spp.                                       | Rhea   Dragon Blood Red   Red Carpet   Yellow   Fanall   Anthony Waterer Red   Dolchica   Froebeli Pink   Goldenflame Red                                      |
| Rosemary, Bog<br>Salvia<br>Sedum<br>Snapdragon<br>Sourwood<br>Spiraea<br>Spiraea<br>Spiraea   | Andromeda polifolia   Salvia farinacea   Sedum spurium   Antirrhinum spp.   Oxydendrum arboreum   Astilbe X arendsii   Spiraea spp.   Spiraea spp.                              | Rhea   Dragon Blood Red   Red Carpet   Yellow   Fanall   Anthony Waterer Red   Dolchica   Froebeli Pink   Goldenflame Red   Snowmound White                    |
| Rosemary, Bog<br>Salvia<br>Sedum<br>Snapdragon<br>Sourwood<br>Spiraea<br>Spiraea<br>Spiraea<br>Spiraea, Garland<br>Spruce, Black Hills  | Andromeda polifolia   Salvia farinacea   Sedum spurium   Antirrhinum spp.   Oxydendrum arboreum   Astilbe X arendsii   Spiraea spp.   Spiraea spp.   Picea glauca               | Rhea   Dragon Blood Red   Red Carpet   Yellow   Fanall   Anthony Waterer Red   Dolchica   Froebeli Pink   Goldenflame Red   Snowmound White                    |
| Rosemary, Bog<br>Salvia<br>Sedum<br>Snapdragon<br>Sourwood<br>Spiraea<br>Spiraea<br>Spiraea   | Andromeda polifolia   Salvia farinacea   Sedum spurium   Antirrhinum spp.   Oxydendrum arboreum   Astilbe X arendsii   Spiraea spp.   Spiraea spp.                              | Rhea   Dragon Blood Red   Red Carpet   Yellow   Fanall   Anthony Waterer Red   Dolchica   Froebeli Pink   Goldenflame Red   Snowmound White                    |
| Rosemary, Bog<br>Salvia<br>Sedum<br>Snapdragon<br>Sourwood<br>Spiraea<br>Spiraea<br>Spiraea<br>Spiraea, Garland<br>Spruce, Black Hills  | Andromeda polifolia   Salvia farinacea   Sedum spurium   Antirrhinum spp.   Oxydendrum arboreum   Astilbe X arendsii   Spiraea spp.   Spiraea spp.   Picea glauca               | Rhea   Dragon Blood Red   Red Carpet   Yellow   Fanall   Anthony Waterer Red   Dolchica   Froebeli Pink   Goldenflame Red   Snowmound White                    |
| Rosemary, Bog<br>Salvia<br>Sedum<br>Snapdragon<br>Sourwood<br>Spiraea<br>Spiraea<br>Spiraea<br>Spiraea<br>Spiraea<br>Spiraea Black Hills<br>Spruce, Black Hills   | Andromeda polifolia   Salvia farinacea   Sedum spurium   Antirrhinum spp.   Oxydendrum arboreum   Astilbe X arendsii   Spiraea spp.   Picea glauca   Picea pungens              | Rhea   Dragon Blood Red   Red Carpet   Yellow   Fanall   Anthony Waterer Red   Dolchica   Froebeli Pink   Goldenflame Red   Snowmound White                    |
| Rosemary, Bog<br>Salvia<br>Sedum<br>Snapdragon<br>Sourwood<br>Spiraea<br>Spiraea<br>Spiraea<br>Spiraea<br>Spiraea<br>Spiraea<br>Spruce, Black Hills<br>Spruce, Colorado Blue<br>Spruce, Norway<br>Spruce, White | Andromeda polifolia   Salvia farinacea   Sedum spurium   Antirrhinum spp.   Oxydendrum arboreum   Astilbe X arendsii   Spiraea spp.   Spiraea spp.   Picea glauca   Picea abies | Rhea   Dragon Blood Red   Red Carpet   Yellow   Fanall   Anthony Waterer Red   Dolchica   Froebeli Pink   Goldenflame Red   Snowmound White   Van Houtte White |
| Rosemary, Bog<br>Salvia<br>Sedum<br>Snapdragon<br>Sourwood<br>Spiraea<br>Spiraea<br>Spiraea<br>Spiraea<br>Spiraea<br>Spiraea, Garland<br>Spruce, Black Hills<br>Spruce, Colorado Blue<br>Spruce, Norway         | Andromeda polifolia   Salvia farinacea   Sedum spurium   Antirrhinum spp.   Oxydendrum arboreum   Astilbe X arendsii   Spiraea spp.   Spiraea spp.   Picea glauca   Picea abies | Rhea   Dragon Blood Red   Red Carpet   Yellow   Fanall   Anthony Waterer Red   Dolchica   Froebeli Pink   Goldenflame Red   Snowmound White   Van Houtte White |

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| Sycamore                | Platanus occidentalis            |  |
|-------------------------|----------------------------------|--|
| Tree Fern (Tiki Fern)   | Asparagus virgatus               |  |
| Trumpet Flower, Evening | Gelsemium sempervirens           |  |
| Tulip                   | Tulip, spp                       | Apeldoorn  |
| Verbena, Shrub          | Lantana sellowiana               |  |
| Vervain                 | Verbena spp.                     | St. Paul   |
| Viburnum                | Viburnum spp.                    | American Cranberry Bush<br>Arrowood<br>Common Snowball<br>European Cranberry Bush<br>Linden<br>Mohican<br>Wright |
| Vinca (Periwinkle)      | Vinca minor                      |  |
| Windmill Palm           | Trachycarpus fortunei            |  |
| Xylosma                 | Xylosma congestum                |  |
| Yarrow                  | Achillea spp.                    |  |
| Yaupon                  | llex vomitoria                   | Dwarf  |
| Yew                     | Taxus cuspidata<br>Taxus X media | Densiformis  |

Ornamental species only: Do not use on food producing trees and ornamentals.

## Terms and Conditions of Use

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

### Warranty Disclaimer

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. Seller MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

## Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of the Seller. All such risks shall be assumed by buyer.

## Limitation of Remedies

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Seller's election, one of the following:

- 1. Refund of purchase price paid by buyer or user for product bought, or
- 2. Replacement of amount of product used

Seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. In no case shall Seller be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer and Inherent Risks of Use above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Seller or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

<sup>™</sup>Trademark of Dow AgroSciences LLC EPA-accepted date: 03-24-03

Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054

308/2E September 3, 2004



Document Processing Desk (**NOTIF**) Office of Pesticide Programs (7504C) U. S. Environmental Protection Agency Room 266A, Crystal Mall 2 1801 South Bell Street Arlington, VA 22202

CRAB-BUSTER 0.15% FG (AI: DITHIOPYR) EPA REGISTRATION NUMBER: 62719-504 NOTIFICATION OF MINOR LABEL CHANGE PER PR NOTICE 98-10

Enclosed please find labeling for the notification action of Crab-Buster<sup>TM</sup> 0.15% FG lawn and ornamental herbicide. The following changes have been made by notification based on EPA-accepted copy (Notice of Registration) dated March 24, 2003 and notification coded "G2B / Crab-Buster 0.15% FG / Notification With Edits / 06-17-04":

- 1. Corrected trademark symbol throughout label.
- 2. At the request of the state of New York, revised the following statement "In the state of New York, do not exceed 7.7 lb/1000 sq ft per year (equivalent to 0.5 pounds of active ingredient per acre). In Nassau and Suffolk Counties, do not exceed 3.8 lb/1000 sq ft per year (equivalent to 0.25 pounds of active per acre)." to read "In the state of New York, do not exceed 3.8 lb per 1000 sq ft per year of this product (equivalent to 0.25 lb of active ingredient per acre)."

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.

#### **Contents of Submission**

- Transmittal document (this letter)
- Application for Pesticide, EPA Form 8570-1
- Label entitled Crab-Buster 0.15% FG (G2A/Crab-Buster 0.15% FG/Notif/09-03-04) (15 Pages plus Registration Notes) (5 Copies)

If you require further information, please contact Richard Bjerregaard, Regulatory Specialist at 317-337-4674 or Chris Hutchison, Registration Assistant for this product, at 317-337-4976.

Sincerely. Kimberly S. Giff

Regulatory Lender Regulatory Success – Americas 317-337-4685 317-337-4649 (FAX) ch/ Enclosures

<sup>TM</sup>Trademark of Dow AgroSciences LLC