



# PRODIAMINE .58G BIODAC®



# CRABGRASS PREVENTER

FOR PRE-EMERGENCE CONTROL OF GRASS AND BROADLEAF WEEDS IN LAWNS AND ORNAMENTAL TURF (excluding golf course putting greens)

LANDSCAPE ORNAMENTALS, ESTABLISHED PERENNIALS AND WILDFLOWER PLANTINGS
STOPS MANY WEED GRASSES BEFORE THEY GROW
PREVENTS CRABGRASS, ANNUAL BLUEGRASS, FOXTAIL

ACTIVE INGREDIENT:	
Prodiamine*:	0.58
OTHER INGREDIENTS:	99.42
TOTAL:	100.00

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# KEEP OUT OF REACH OF CHILDREN

# **CAUTION**

See back panel for First Aid, Precautionary Statements, Directions for Use and Storage and Disposal.

(L) (D) EPA EST. NO. 961-PA-001; 961-IL-001;

EPA REG NO. 53883-171-961

FIRST AID					
IF IN EYES:	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 ON SKIN OR	• Take off contaminated clothing.				
<b>CLOTHING:</b> • Rinse skin immediately with plenty of water for 15-20 minutes.					
	Call a poison control center or doctor for treatment advice.				
<b>IFSWALLOWED:</b> • Call a poison control center or physician immediately for treatment advice.					
	Have person sip a glass of water if able to swallow.				
	• Do not induce vomiting unless told to do so by the poison control center or physician.				
	• Do not give anything by mouth to an unconscious person.				
IF INHALED:	Move person to fresh air.				
	• If person is not breathing, call 911 or an ambulance, then 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 SafetyCall® International (866) 897-8050 for emergency medical treatment information.

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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



For technical assistance or more information about our products visit www.LebanonTurf.com

Manufactured by:

Lebanon Seaboard Corporation

1600 E. Cumberland St. • Lebanon, PA 17042

Made in the U.S.A.

www.LebanonTurf.com

#### **ENVIRONMENTAL HAZARDS**

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

#### WEED RESISTANCE MANAGEMENT

For resistance management, this product is a Group 3 herbicide. Any weed population may contain or develop plants naturally resistant to this product and other Group 3 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance-management strategies should be followed. To delay herbicide resistance, take one or more of the following steps:

- Rotate the use of this product or other Group 3 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field. • Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.

- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide used and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g. higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.

• Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting

• If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available

• Contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes

- Report any incidence of non-performance of this product against a particular weed species to Lebanon Seaboard Corporation, your local retailer or your local extension specialist. If resistance is suspected, treat weed escapes with a herbicide having a different mechanism of action and/or use non-chemical means to remove escapes, as practical, with the goal of preventing further seed production

#### **BEST MANAGEMENT PRACTICES**

Proactively implementing diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides is recommended. A diversified weed management program may include the use of multiple herbicides with different modes of action and overlapping weed spectrum with or without tillage operations and/or other cultural practices. Research has demonstrated that using the labeled rate and directions for use is important to delay the selection for resistant weeds. Scouting after herbicide application is important because it can facilitate the early identification of weed shifts and/or weed resistance and thus provide direction on future weed management practices. One of the best ways to contain resistant weed populations is to implement measures to avoid allowing weeds to reproduce by seed or to proliferate vegetatively. Cleaning equipment between sites and avoiding movement of plant material between sites will greatly aid in reducing the spread of resistant weed seed.

#### **DIRECTIONS FOR USE**

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

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

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

#### FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

This product is a pre-emergence herbicide that provides residual control of many grass and broadleaf weeds in established lawns and ornamental turf (excluding golf course putting greens), landscape ornamentals and established perennials and wildflower plantings. It controls susceptible weeds by inhibiting weed seeds, germination and root development. When used according to directions, it will control; barnyardgrass; bluegrass; annual (Poa annua); carpetweed; chickweed, common; chickweed, mouseear (from seed); crabgrass (large, smooth); crowfootgrass; cupgrass, woolly; foxtails, annual; goosegrass'; henbit; itchgrass; johnsongrass (from seed); junglerice; knotweed; kochia; lambsquarter, common; lovegrass; panicum (Texas, fall, browntop); pigweed; purslane, common; pusley, Florida; rescuegrass³, shepherd's purse², signalgrass, broadleaf; speedwell, Persian; sprangletop; spurge, prostrate; witchgrass; woodsorrel, yellow (from

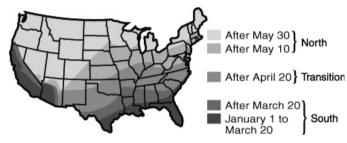
In many areas a single application of 2.5 to 6 pounds/1,000 square feet (112 to 259 pounds/acre) will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained with an initial application of 2.5 to 3.9 pounds/1,000 square feet (112 to 173 pounds/acre), followed after 60 to 90 days by a second application at doses that would not exceed the maximum annual rate (see "Minimum and Maximum Application Rate by Turfgrass Species" table in the Rates of Application section of

<sup>2</sup>For this weed, apply in late summer, fall or winter prior to germination

<sup>3</sup>Suppression only. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rates specified for each turf species. All applications must be made prior to germination of the weed seeds

THIS MAP SHOWS APPROXIMATE CRABGRASS GERMINATION DATES

WHEN TO APPLY TO ESTABLISHED TURF: This product must be applied prior to germination of weed seeds, as it will not control established weeds.



APPLICATION DIRECTIONS: Apply this product uniformly, using a suitable spreader that has been properly calibrated. Most effective weed control will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation, or with shallow (1-2 inches) incorporation, prior to weed seed germination and within 14 days application

USE PRECAUTIONS: The following precautions apply to the use of this product in turf grasses and lawns. Application of this product may thin emerged annual bluegrass and newly overseeded

• Application to turf stressed by drought, low fertility, or pest damage may result in turf injury

• Disturbing the herbicide barrier with cultural practices (such as core aeration) may result in reduced weed control.

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

• Do not apply to newly set sod until the following year.

• Do not apply to putting greens, or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (Poa annua) are desirable species. • Do not apply through any type of irrigation system.

• Do not graze or feed livestock forage cut from treated areas

RATES OF APPLICATION: This product is recommended for use on the turf grass species listed in the following table. The maximum amount of this product that may be applied per year is given for each turf grass species. Do not exceed the maximum yearly rate listed:

MINIMUM AND MAXIMUM APPLICATION RATES (by Turf Grass Species)						
Turf Species	Minimum Rate	Maximum Annual Rate <sup>1</sup>				
Bahiagrass <sup>3</sup> , Bermudagrass <sup>2</sup>	4 lbs/1,000 sq. ft.	6 lbs/1,000 sq. ft. per year				
Centipedegrass <sup>3</sup> , Zoysiagrass,	(175 lbs/acre)	(259 lbs/acre per year)				
Seashore Paspalum,						
St. Augustinegrass						
Tall Fescue (including Turf- Type)						
Buffalograss, Kentucky Bluegrass	2 lbs/1,000 sq. ft.	4 lbs/1,000 sq. ft. per year				
Perennial Ryegrass	(87.5 lbs/acre)	(173 lbs/acre per year)				
Creeping Red Fescue	1.5 lbs/1,000 sq. ft.	2.9 lbs/1,000 sq. ft. per year				
	(65.3 lbs/acre)	(130 lbs/acre per year)				
Creeping Bentgrass	1.5 lbs/1,000 sq. ft.	2.5 lbs/1,000 sq. ft. per year				
1	(65.3 lbs/acre)	(112 lbs/acre per year)				

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

overseeding/reseeding results. (See map above.)

<sup>2</sup>May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 2 pounds/1,000 square feet (87.5 pounds/acre). Newly sprigged or plugged Bermudagrass stolon rooting may

be temporarily retarded. Suppression only of foxtail, goosegrass and rescuegrass due to reduced rates used in sprigging situations • Do not apply more than 1.5 lbs. a.i. per calendar year per acre (equal to 259 lbs./A of this product or equal to 6 lbs./1000 sq.ft. of this product).

• Use higher rates of this product to achieve higher levels of fertility and longer periods of weed control for each turf type, but do not exceed the maximum application rates specified in the above table

<sup>3</sup>In Florida: Do not exceed 2 applications per year to Bahiagrass and Centipedegrass in the north. Do not exceed 3 applications per year to Centipedegrass in the central and south regions. Consult your State Cooperative Extension Service for current information on annual application limitations for lawn fertilizers in your region

This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rates specified for each turf species. The length of time of residual weed control provided by this product is related to the rate

applied. Use the higher rates listed for longer periods of weed control. WHEN TO OVERSEED AFTER APPLICATION: This product will inhibit germination of turf seed if overseeded too soon after application. Follow rates and intervals in table for best

LICE DATE	MONTHS DEFODE OVEDSEEDING		
USE RATE	MONTHS BEFORE OVERSEEDING		
	North	Transition	South
1.9 pounds/1,000 sq. ft. (86 pounds/acre)	4	4	4
2.5 pounds/1,000 sq. ft. (112 pounds/acre)	5	4	4
2.9 pounds/1,000 sq. ft. (130 pounds/acre)	6	5	5
3.16 pounds/1.000 sq. ft. (138 pounds/acre)	-	6	6
4 pounds/1,000 sq. ft. (173 pounds/acre)	-	7	7
4.5 pounds/1,000 sq. ft. (197 pounds/acre)	-	-	9
5.14 pounds/1,000 sq. ft. (224 pounds/acre)	-	-	10
5.94 pounds/1,000 sq. ft. (259 pounds/acre)	-	-	12

LANDSCAPE ORNAMENTALS: (including established perennials and wildflower plantings): This product may be applied for residual pre-emergence weed control in ornamentals. Apply at the rate of 2.5 to 5.94 pounds/1,000 square feet (112 to 259 pounds/acre) in fall and/or spring. Use higher rates of application for longer control periods. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rate of 5.94 pounds/1,000 square feet (259 pounds/acre) per year.

SPREADER SETTINGS to apply at the listed pounds per 1,000 square feet						
	1.9 lbs.	2.5 lbs.	3.16 lbs.	4 lbs.	5 lbs.	6 lbs
LebanonTurf	3½	41⁄4	41/2	43/4	5	51/2
Andersons AccuPro	G	J	K	М	N	Р
Earthway Rotary	12	14½	15	16	18	20
Gandy	23	25	26	28	30	32
Lely	3 II	4½ II	5 II	6 II	6½ II	7 II
Lesco (letter/numeric)	E/12	H/16	I/17	J/19	K/22	L/24
PennMulch HVO	Н	K	L	N	0	P
ProScape SS	Н	K	L	N	0	Р
Spyker	3½	41⁄4	4½	4¾	5	5½
Vicon	21	23	24	26	28	31

APPLICATION TIMING AND INFORMATION: This product may be applied to newly transplanted and established ornamentals with a broadcast, over the top or directed application. Around new transplants, delay application to allow soil to settle and water thoroughly before applying. Apply after cuttings form roots and become established. Apply before budding/grafting or after buds/grafts have taken to avoid any inhibition of the tissue union. This product is a pre-emergence herbicide and will not control emerged weeds. Most effective weed control in ornamentals will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation, or with shallow (1 to 2 inch) mechanical incorporation, prior to weed seed germination and within 14 days following application. Best weed control is obtained when applied to soil free of clods, weeds and debris such as leaves. Prior to application, control existing vegetation by hand weeding, cultivation or the use of an appropriate post-emergence herbicide.

TOLERANT ORNAMENTAL SPECIES: This product will not harm most trees, shrubs, vines and flowers. The species listed below are tolerant to this product. Best results will be obtained when product is uniformly applied to the soil surface; avoid applying to ornamental shoots which may defeat the effort to get uniform distribution on the soil surface. This product may be applied over the top of these species. When plants are under stress (such as heat, drought or frost damage) some cultivars of listed plants may be sensitive to this product.

## PRODIAMINE GROUP 3 HERBICIDE

SCIENTIFIC NAME **COMMON NAME** Abies spp. Fir species\*\* (Balsam, Frasier, Noble, etc.) Abelia: Sherwood Abelia grandflora Acer palmatum Japanese Maple A. Platanoides Norway Maple Achillea spp. Yarrow: King Edward Actindia chinensis<sup>3</sup> Agapanthus africanus Lily-of-the-Nile (African Lily) Agapanthus orientalis Five-leaf or Chocolate Vine Akebia guintata Allium cernuum Lady's Leek, Nodding Onion Anemone hybrida Japanese Anenome Aquillegia spp. Aquilegia: Red and Gold Arctostaphylos densiflora Vine Hill Manzanita Arctotheca calendula Cape Weed Artemesia spp. Wormwood; Silver Mound, Castle Aster: Bonnie Blue, Purple Dome Aster spp. Aster X Frikartii Athyrum filix-femina Lady Fern; Fern Lady Aucuba japonica Japanese Aucuba Fibrous Begonia: Hardy Grandis Begonia spp. Berberis gladwynensis Barberry Wintergreen Barberry B. Julianae Mentor Barberry B. mentorensis B. Thunbergil Japanese Barberry B. Verruculosa Warty Barberry Bergenia cordifolia Boltonia asteroides Snowbank Bouganvillea Bougainvillea spp. Butterfly-Bush (Dwarf Blue); Royal Red Buddleia davidii Buxus microphylla Japanese Boxwood Pinus brutia Callistemon viminalis Weeping Bottlebrush P. canariensis Calluna vulgaris Scotch Heather P. elliottii Campanula carpatica Tussock Bellflower, (White Clips) P. halepensis Trumpet Flower, Madame Galen Campis X Tagliabuana P. nigra Carpobrotus edulis Hottentot Fig (Ice Plant) P. palustrus Cassia artemisoides Feathery Cassia P. radiata Ceanothus rigidus Wild Lilac P. strobus Ceratostigma plumbaginoides P. sylvestris Chamaecyparis pisifera False Cypress P. taeda Chrysanthemum nipponicum P. thunbergiana Cleyera japonica Cleyera P. virginiana Citrus spp.\* Citrus species<sup>3</sup> Pistacia spp. Pittosporum rhombifolium Coreopsis (Calliopsis) Early Sunrise, Moonbeam Coreopsis spp. Cornus florida Flowering Dogwood P. tobira C Stolonifera American Dogwood Podocarpus macrophyllus Prunus laurocerasus Cortaderia selloana **Pampas Grass** Cotoneaster apiculatus **Cranberry Cotoneaster** Prunus spp.\* C. buxifolius Cotoneaster C. dammeri Bearberry Cotoneaster **Rockspray Cotoneaster** Hawthorne Lucifer P. koidzumii Italian Cypress Pyrus spp. White Trailing Ice Plant

C. Microphyllus Cretaegus spp. Crocosmia spp. Cupressus sempervirens Delosperma alba Delosperma spp. Cooperi Pink Delphinium spp. Larkspur: Blue Elf Dianthus deltoides Dianthus: Maiden Pinks "Zing" D. gratianopolitanus Cheddar Pink Hop Bush Dodonea viscosa Echinacea purpurea Coneflower, Purple; Magnus Elaeagnus pungens Silverberry

**Euonymus fortunei** Wintercreepe E. japonica **Evergreen Euonymus** E. kiautschovica Spreading Euonymus Fatsia japonica Japanese Aralia Forsythia intermedia Border Forsythia Forsythia suspensa Weeping Forsythia Forsythia viridissima Greenstem Forsythia Gaillardia spp. Gaillardia, Blanket Flower: "Goblin" Gardenia jasminoides Gardenia, Cape-Jasmine Gaura spp. Gentiana dahurica Gentian Geranium cinereum Cranesbill

Gladiolus spp.\*\* Gladiolus species\*\* Gypsophilia repens Baby's Breath Hedera helix **English Ivy** Hellanthemum spp. Hemerocallis spp. Daylily: Aztec Gold, Stella de Oro, Tender Love Rose of Sharon\* Hibiscus spp\*\* Hibiscus spp. Mallow: Disco Belle White Hibiscus rosa-sinensis\*\* Chinese Hibiscus \*\* Hosta plantaginea Hosta, Plantain Lily (Fragrant)

H. Sieboldiana Hosta, "Seersucker Houttuynia cordata var. variegata Hydrangea macrophylla Bigleaf Hydrangea

Chinese Holly\*\* llex cornuta\*\* Japanese Holly llex crenata llex opaca American Holly llex pernyi Holly Yaupon Holly, Schillings Inula ensifola Sword-Leaved Iris; Jodlesong Iris ensata Iris siberica Siberian Iris; Cabernet Iris spp.\*\* Iris species\* Jasminium nudiflorum Winter Jasmine Chinese Juniper; Nick's Compact, Parsonii Juniperus chinensis

J. conferta Shore Juniper; Blue Pacific J. davurica Parsonii J. horizontalis Creeping Juniper Juglans spp.<sup>3</sup> Walnut\* Shrimp Plant Justicia brandegeana Lagerstromia indica Crape Myrtle Lagerstromia indica X Fauriei Crape Myrtle; Tuscarora Weeping Lantana Lantana montevidensis Lavender: Munstead Lavender spp. Leontopodium alpinum **Edelweiss** 

Ligustrum amurense **Amur Privet** Chinese Privet; Variegata Ligustrum sinense L. japonicum Japanese Privet Glossy Privet (Waxleaf) L. lucidum

# STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal **PESTICIDE STORAGE:** Store in original container in a locked dry storage area out of reach of children and domestic animals.

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

CONTAINER HANDLING: Non refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling if available. If recycling is not available; then dispose of empty bag in a sanitary landfill, or by other procedures allowed by state and local authorities.

## **CONDITIONS OF SALE AND WARRANTY**

The DIRECTIONS FOR USE of this product are believed to be reliable and mustbe followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop, injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the

product in a manner inconsistent with its labeling, all of which are beyond the control of Lebanon Seaboard Corporation or the Seller. All such risks shall be assumed by the Buyer. Lebanon Seaboard Corporation warrants that this product conforms to the chemical description on the label, and is reasonably fit for the purposes set forth in the DIRECTIONS FOR USE, when it is used in accordance with such directions, subject to the inherent risks mentioned above

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COMMON NAME SCIENTIFIC NAME Lilium spp. Lily; Jazz Big Blue Lily, Silver Mound, Evergreen Giant Liriope muscari Liriope muscari var. variegata Liriope, Variegated Liriope spicata Liriope, Creeping Lobelia cardinalis Cardinal Flower, Indian Pink Lonicera japonica Japanese Honeysuckle Tatarian Honeysuckle L. tatarica Lorapetalum chinense Burgundy Lythrum spp. Loosestrife; Modern Pink Magnolia spp. \*\* Magnolia species\*\* Ice Plant Maleophora luteola Malus spp.\* Crabapple<sup>3</sup> Yaku Jima, Silberfeder Miscanthus sinensis Heavenly Bamboo Nandina domestica Narcissus spp. \*\* Narcissus species\*\* Nerium oleander Oleander Olea europaea\* Olive\* Ophiopogon japonicus\*\* Mondo Grass\*\* Osmanthus (False Holly); Gulf Tide Omanthus heterophyllus Osteospermum fruticosum Trailing African Daisy Oxydendrum Arboreum Sourwood Paeonia suffruticosa Tree Peony Fountain Grass (Dwarf) Pennisetum setaceumi Perovskia atriplicifolia Persea americana\* Avocado<sup>3</sup> Frasier's Photinia (Redtip) Photinia fraseri Physostegia Virginiana Dragonhead, False; Vivid Picea spp.\*\* Spruce species\*\* (Colorado Blue, Norway, etc.) Lily-of-the-Valley Bush Pieris japonica

Calabrian Pine **Canary Island Pine** Slash Pine Aleppo Pine Austrian Pine **Longleaf Pine** Monterey Pine Eastern White Pine Scotch Pine **Loblolly Pine** Japanese Black Pine Virginia Pine Pistachio\* **Queensland Pittosporum** Japanese Pittosporum Japanese Yew **English Laurel** Almond, Apricot, Nectarine, Peach,

Plum and Prune Pseudotsuga menziesii\*\* Douglas Fir\*\* Pyracantha coccinea Firethorn (Scarlet) P. fortuneana Firethorn Firethorn Bradford Pear spp. Ouercus shumardii Oak, Shumard's Red Quercus spp. Oak species Raphiolepsis indica Indian Hawthorne Raphiolepsis umbellata Yedda Hawthorne Rhododendron 'Coral Bells," Formosa," Hino-crimson," PJM' Delaware Valley White, 'Roseum Elegans,' (including Azalea) Flame Creeper', 'Girard Crimson', 'Wakeiebisu

'White Gumbo', 'George L. Tabor' Lady Bank's Rose Rosa banksiae Rosmarinus officinalis\* Rosemary\* Rudbeckia spp. Black-Eved Susan: Goldsturm Rumohra adiantiformis Leatherleaf Fern Santolina virens Santolina Saxifraga spp. Saxifrage; Purple Dome Scabiosa spp. **Pincushion Flower** Sedum album Stonecrop Stonecrop; Lidakense Sedum cauticola Sedum dasyphyllum Stonecrop Stonecrop; Dragon's Blood Sedum spurium Spiraea bumalda Spirea; Anthony Waterer Syzygium paniculatum Australian Brushcherry Taxus cuspidata Japanese Yew T. media Yew Teucrium spp. Germander Thalictrum diptercarpum Meadow Rue Thuja occidentalis American - Arborvitae Trachelospermum asiatum Star Jasmine Tsuga canadensis Canada Hemlock Tulipa spp. Tulip species Veronica, Speedwell; Sunny Border Veronica spp. Jananese Viburnum Viburnum iaponicum Sweet Viburnum V. odoratissimum V. plicatum Japanese Snowball V. rigidum **Canary Island Viburnum** 

V. suspensum **Arrowood Viburnum** V. tinus Laurustinus V. triloh Cranberry Bu V. wrightii Leatherleaf Viburnum Greater Periwinkle, Vinca Vinca major Vinca minor Common Periwinkle, Vinca Vitis spp.\* Grape\* Weigela florida Old Fashioned Weigela Yucca aloifolia Spanish Bayonet, Yucca Y. filametosa Adam's Needle, Yucca \*Do not use on food producing trees, vines or plants. \*\*Not for use on container grown plants.

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