

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

January 28, 2016

Jennifer Yentel Registration Manager Sipcam Agro USA, Inc. 2525 Meridian Pkwy., Suite 350 Durham, NC 27713

Subject: Label Amendment – Consistent Label Language; Optional Fertilizer Spreader

Settings; Optional State-specific Language

Product Name: Turf Fertilizer with Prodiamine 0.42%

EPA Registration Number: 60063-43 Application Date: October 27, 2015

Decision Number: 510993

#### Dear Ms. Yentel:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Terri Stowe by phone at (703) 305-6117, or via email at <a href="mailto:stowe.terri@epa.gov">stowe.terri@epa.gov</a>.

Sincerely,

Kathryn V. Montague Product Manager 23 Herbicide Branch

Registration Division (7505P) Office of Pesticide Programs

Taxtryn V. W Forstague

Enclosure

# ACCEPTED

01/28/2016

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 60062, 42

60063-43

# **Turf Fertilizer with Prodiamine 0.42%**

For selective preemergence control of grass and broadleaf weeds in:

- Established Turf Grasses (excluding golf course putting greens) and lawns
- Landscape Ornamentals (including established perennials and wildflower plantings)

Other Ingredients:	-2,4-dinitro-6-(trifluoromethyl)- <i>m</i> -phenylenediamine
KE	EP OUT OF REACH OF CHILDREN CAUTION
See the following section, <b>Pre</b> additional information.	cautionary Statements, Hazards to Humans and Domestic Animals, for
EPA Reg. No. 60063-43	EPA Est. No.
	NET WEIGHT: pounds ( kg.)
CAUTION: Causes moderate eye	PRECAUTIONARY STATEMENTS ZARDS TO HUMANS AND DOMESTIC ANIMALS e irritation. Avoid contact with eyes or clothing. Wear protective eyewear. Wash after handling and before eating, drinking, chewing gum, using tobacco or using
present, after the first 5 minutes, IF SWALLOWED: Call a Poison glass of water if able to swallow. not give anything to an unconscit IF ON SKIN OR CLOTHING: Ta to 20 minutes. Call a poison control IF INHALED: Move person to free	FIRST AID  inse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if then continue rinsing. Call a poison control center or doctor for treatment advice. Control Center or doctor immediately for treatment advice. Have person sip a Do not induce vomiting unless told to do by a poison control center or doctor. Do ous person.  ke off contaminated clothing. Rinse skin immediately with plenty of water for 15 rol center or doctor for treatment advice.  esh air. If person is not breathing, call 911 or an ambulance, then give artificial mouth if possible. Call a poison control center, or doctor for further treatment
Have the product container or lab treatment.	el with you when calling a poison control center, or doctor, or when going for
Emergency PhoneNumbers	(800) 424-9300 CHEMTREC (transportation and spills) (800) 222-1222 Poison Control Center

#### **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. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

#### **DIRECTIONS FOR USE**

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

This product is a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds in:

- Established turf grasses (excluding golf course putting greens) and lawns
- Landscape ornamentals
- · Established perennials and wildflower plantings

This product controls susceptible weeds by inhibiting weed seeds germination and root development. Most effective weed control will be obtained when it is activated by at least 1/2 inch of rainfall, irrigation, or shallow (1 to 2 inches) incorporation, prior to weed seed germination and within 14 days following application.

Not for use on ornamental plants being grown for; (1) Sale or other commercial use, (2) for commercial seed production, or (3) 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.

Do not graze or feed livestock forage cut from areas treated with this product. Do not apply aerially. Do not apply to golf course putting greens. Do not apply this product through any type of irrigation system.

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

#### **WEEDS CONTROLLED**

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

Barnyardgrass Kochia

Bluegrass, Annual (Poa annua) Lambsquarter, common

Carpetweed Lovegrass

Chickweed, common Panicum (Texas, Fall, Browntop)

Chickweed, mouse ear (from seed) Pigweed

Crabgrass (large, smooth)

Crowfootgrass

Cupgrass, Woolly

Foxtails, Annual

Goosegrass<sup>1</sup>

Henbit

Itchgrass

Purslane, common
Pusley, Florida
Rescuegrass<sup>3</sup>

Shepherd's Purse<sup>2</sup>

Signalgrass, Broadleaf
Speedwell, Persian
Sprangletop

Itchgrass Sprangletop
Johnsongrass (from seed) Spurge, Prostrate
Junglerice Witchgrass

Knotweed Woodsorrel, Yellow (from seed)

#### **APPLICATION DIRECTIONS**

Apply uniformly with suitable, calibrated application equipment.

#### **ESTABLISHED TURF:**

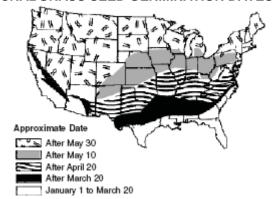
¹In many areas a single application of 0.65 lb. to 1.5 lb. active ingredient per acre (equal to 155 lbs. to 357 lbs./A of this product [or] equal to 3.6 to 8.2 lbs./1000 sq.ft. of this product) will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained by making an initial application of 0.65 lb. to 1.0 lb. a.i. per acre (equal to 155 lbs. to 238 lbs./A of this product [or] equal to 3.6 to 5.5 lbs./1000 sq.ft. of this product) followed after 60 to 90 days by a second application at doses that would not exceed those given in the **Maximum Annual Rate Table**. Do not exceed the maximum rate for turf grass species listed in the **Maximum Annual Rate Table** above.

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

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

This product is a selective preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turf grasses and lawns. The maximum amount of this product that may be applied per year is given for each turf grass species in the **Maximum Annual Rates** section of this label. Most effective weed control in turf grasses will be obtained when this product is activated by at least 0.5 inches of rainfall or irrigation prior to weed seed germination and within 14 days following application. See the map below for approximate crabgrass seed germination dates.

#### **CRABGRASS SEED GERMINATION DATES**



**USE PRECAUTIONS:** The following precautions apply to the use of this product in turf grasses and lawns: (1) Application of this product may thin emerged annual bluegrass and newly overseeded grasses. (2) 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. (3) Do not cut (harvest) treated sod before 120 days after application. Do not apply to newly set sod until the following year. (4) Application of this product to turf stressed by drought, low fertility, or pest damage may result in turf injury. (5) Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control. (6) Do not apply this product to putting greens or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species.

#### **RATES OF APPLICATION**

This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. All applications must be made prior to germination of the target weeds. This product will not control established weeds. Maximum use rate selection should be based on turf species. The length of time of residual weed control provided by this product is related to the rate applied.

# **MAXIMUM ANNUAL RATES**

This product is recommended for use on the turf grass species listed in the following table. Do not exceed the maximum yearly rate as given in the following table:

Maximum Application Rate/Calendar Year of turf fertilizer by turf grass species (1)				
Turf Species:	Lbs. Product/A [or]	Lbs. Product /1000 sq.ft.	Lbs. a.i./A	
Creeping Bentgrass	155	3.6	0.65	
Creeping Red Fescue	179	4.1	0.75	
Buffalograss Kentucky Bluegrass Perennial Ryegrass	238	5.5	1.0	
Bermudagrass <sup>(2)</sup> Bahiagrass Centipedegrass Seashore Paspalum St. Augustinegrass Tall Fescue (including turf-type)	357	8.2	1.5	

Zoysia		

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

- Do not apply more than 1.5 lbs. a.i. per calendar year per acre (equal to 357 lbs./A of this product [or] equal to 8.2 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 **Maximum Annual Rates Table**.

#### WHEN TO APPLY AFTER OVERSEEDING TURF

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

#### WHEN TO OVERSEED AFTER APPLICATION

This product will inhibit the germination of turf species if overseeded too soon after application. Follow rates and intervals in the following table below for best overseeding/reseeding results.

LBs	LBs Product/1000	I Do oi/A	Month	Months Before Overseeding		
Product/Acre	sq.ft.	LBs ai/A	North	Transition	South	
119	2.7	0.50	4	4	4	
155	3.6	0.65	5	4	4	
179	4.1	0.75	6	5	5	
190	4.4	0.80	-	6	6	
238	5.5	1.00	-	7	7	
271	6.2	1.14	-	-	9	
310	7.1	1.30	-	-	10	
357	8.2	1.50	-	-	12	

<sup>&</sup>lt;sup>2</sup>May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 0.5 lb. a.i./acre (equal to 119 lbs./A of this product [or] equal to 2.7 lbs./1000 sq.ft. of this product). Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of Foxtail, Goosegrass, and Rescuegrass due to reduced product rates used in sprigging situations.

Guaranteed Fertilizer Analysis:	
Total Nitrogen (N) %	
Available Phosphate (P <sub>2</sub> 05) %	
Soluble Potash (K <sub>2</sub> 0) %	
Derived from: [Ureaformaldehyde, Urea, Sulfur-Coated Urea, Ammonium Phosphate, Muriate of Potash]	

#### LANDSCAPE ORNAMENTALS

# **Including Established Perennials and Wildflower Plantings**

This product may be applied for residual preemergence weed control in ornamentals.

## **Use Rates and When to Apply**

Apply in fall and/or spring, 0.65 to 1.5 lbs. active ingredient per acre, which is equal to 3.6 to 8.2lbs. of this product per 1,000 sq.ft. of ornamental plantings; therefore 20 lbs of this product will treat 2,439 to 5,556 sq.ft. Use the higher rates of application for longer control periods. Sequential applications may be made as long as the total amount of product applied does not exceed the maximum annual application rate of 1.5 lbs. a.i. per acre.

## **Established Landscape Ornamentals**

This product may be applied to established ornamentals as a broadcast, over the top, or directed application. Irrigation or rainfall soon after application will wash residues off plant foliage and activate it into the soil.

## **Newly Transplanted Landscape Ornamentals**

This product may be applied to newly transplanted ornamentals as a broadcast, over the top, or directed application. Delay application to allow soil to settle around new transplants and water thoroughly before applying this product. Apply after cuttings form roots and become established. Apply before budding/grafting or after buds/grafts have taken to avoid any inhibition of the tissue union.

## **Tolerant Ornamental Species**

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

Scientific name	Common name (Tested varieties)
Abies spp.	Fir
Abelia grandiflora	Abelia; Sherwood
Acer palmatum	Japanese maple
Acer platanoides	Norway maple
Achillea sp.	Yarrow (King Edward)
Actinidia chinensis*	Kiwi*
Agapanthus africanus	Lily-of-the-Nile; African Lily
Akebia quintata	Five-leaf or Chocolate vine
Allium cernuum	Lady's leek or Nodding onion
Anemone hybrida	Japanese anemone
Aquilegia spp.	Columbine (Red and gold)
Arctostaphylos densiflora	Vine Hill manzanita
Arctotheca calendula	Cape weed
Artemesia spp.	Wormwood (Silver mound; Castle)
Aster sp. or Symphiotrichium sp.	Aster (Bonny blue, Purple dome)
Aster X frikartii	
Athyrium felix-femina	Lady fern
Aucuba japonica	Japanese Aucuba
Begonia spp.	Fibrous bigonia (Hardy Grandis)
Berberis gladwynesis	Barberry
Berberis julianae	Wintergreen barberry
Berberis mentorensis	Mentor barberry

Scientific name	Common name (Tested varieties)
Berberis thunbergii	Japanese barberry
Berberis verriculosa	Warty barberry
Bergenia cordifolia	vvaity barberry
Boltonia asteroides	Snowbank
Bougainvillea spp.	Bouganvillea
Buddleia davidii	Butterfly-bush (Dwarf Blue, Royal Red)
Buxus microphylla	Japanese boxwood
Callistemon viminalis	Weeping bottlebrush
Calluna vulgaris	Scotch heather
	Tussock beliflower (White Clips)
Campanula carpatica	
Campsis X tagliabuana	Trumpet creeper; Trumpet flower (Madame Gaten)
Carpobrotus edulis	Hottentot fig; Ice plant
Cassia artemisoides	Feathery Cassia
Ceanothus rigidus	Wild Lilac
Ceratostigma plumbaginoides	5.1.0
Chamaecyparis pisifera	False Cypress
Chrysanthemum nipponicum	
Cleyera japonica	Cleyera
Citrus spp. *	Citrus species*
Coreopsis spp.	Coreopsis; Calliopsis (Early sunrise, Moonbeam)
Cornus florida	Flowering dogwood
Cornus stolonifera	American dogwood
Cortaderia selloana	Pampas grass
Cotoneaster apiculatus	Cranberry cotoneaster
Cotoneaster buxifolius	Cotoneaster
Cotoneaster dammeri	Bearberry cotoneaster
Cotoneaster microphyllus	Rockspray cotoneaster
Crataegus spp.	Hawthorne
Crocosmia spp.	Lucifer
Cupressus sempervirens	Italian cypress
Delosperma alba	White trailing ice plant
Delphinium spp.	Larkspur (Blue elf)
Dianthus deltoides	Maiden pinks (Zing)
Dianthus gratianopolitanus	Cheddar pinks
Dodonea viscosa	Hop bush
Echinacea purpurea	Coneflower, purple (Magnus)
Elaeagnus pungens	Silverberry
Euonymus fortunei	Wintercreeper
Euonymus japonica	Japanese spindle tree; Evergreen euonymus
Euonymus kiautschovica	Spreading euonymus
Fatsia japonica	Japanese aralia
Forsythia intermedia	Border forsythia
Forsythia suspense	Weeping forsythia
Forsythia viridissima	Greenstem forsythia
Gaillardia spp.	Blanket flower (Goblin)
Gardenia jasminoides	Gardenia, Cape-jasmine
Gentiana dahurica	Gentian
Geranium cinereum	Cranesbill
Gladiolus spp.**	Gladiolus
Gypsophila repens	Baby's breath
Hedera helix	English Ivy
Helianthemum spp.	Sunrose
Hemerocallis spp.	Daylily (Aztec gold, Stella d'Oro, Tender love)
Hibiscus spp. **	Rose of Sharon**
Hibiscus spp.	Mallow (Disco belle white)
	1

Scientific name	Common name (Tested varieties)
Hibiscus Rosa-sinensis**	Chinese hibiscus**
Hosta plantaginea	Hosta, Plantain lily
H. sieboldiana	Hosta (Searsucker)
Houttuynia cordata var. variegata	Flosta (Gearaucker)
Hydrangea macrophylla	Bigleaf hydrangea
Ilex cornuta**	Chinese holly**
Ilex crenata	Japanese holly
	American holly
Ilex opaca Ilex pernyi	Holly
llex vomitoria	,
Inula ensifolia	Yaupon holly
	Constal leaved inic ( lealleases)
Iris ensata	Sword-leaved iris (Jodlesong)
Iris siberica	Siberian iris (Cabernet)
Iris spp.	Iris **
Jasminium nudiflorum	Winter jasmine
Juniperus chinensis	Chinese juniper (Nick's compact)
Juniperus conferta	Shore juniper (Blue Pacific)
Juniperus davurica	Juniper
Juniperus horizontalis	Creeping juniper
Juglans spp.*	Walnut*
Justicia brandegeana	Shrimp plant
Lagerstroemia indica	Crape myrtle
Lantana montevidensis	Weeping lantana
Lavender spp.	Lavender (Munstead)
Leontopodium alpinum	Edelweiss
Ligustrum amurense	Amur privet
Ligustrum japonicum	Japanese privet
Ligustrum lucidum	Glossy privet (Wax-Leaf)
Ligustrum sinense	Chinese privet (Variegata)
Lilium spp.	Lily (Jazz)
Liriope muscari	Liriope (Big blue, Lilyturf, Silver mound, Evergreen giant)
Liriope muscari var. variegata	Liriope, variegated
Liriope spicata	Liriope, creeping
Lobelia cardinalis	Cardinal flower
Lonicera japonica	Japanese honeysuckle
Lonicera tatarica	Tatarian honeysuckle
Loropetalum chinense	Burgundy
Lythrum spp.	Loosestrife (Modern Pink)
Magnolia spp.**	Magnolia**
Maleophora luteola	Ice plant
Malus spp.*	Crabapple*
Miscanthus sinensis	Yaku jima, Silberfeder
Nandina domestica	Heavenly bamboo
Narcissus spp.**	Narcissus**
Nerium oleander	Oleander
Olea europaea*	Olive*
Ophiopogon japonicus**	Mondo Grass**
Osmanthus heterophyllus	Osmanthus; False holly (Gulf tide)
Osteospermum fruticosum	Trailing African Daisy
Oxydendron luteum	Sourwood
Persea americana	Avocado*
Photinia fraseri	Frasier's photinia; Redtip
Physostegia virginiana	False dragonhead (Vivid)
Picea spp.**	Spruce species** (Colorado blue, Norway, etc.)
Pieris japonica	Lily-of-the-valley shrub

Pinus brutia Calabrian pine Pinus carariensis Canary island pine Pinus silottiii Slash pine Pinus halepensis Aleppo pine Pinus halepensis Aleppo pine Pinus palustris Longleaf pine Pinus palustris Longleaf pine Pinus strobus Eastern white pine Pinus strobus Pinus signiana Pinus brunbergiana Japanese black pine Pinus virginiana Virginia pine Pistachio* Pittosporum rhombifolium Queensland pittosporum Pittosporum tobira Podocarpus macrophylius Japanese pew Prunus laurocerasus English laurel Prunus surocerasus English laurel Prunus spp.* Pyracantha coccinea Firethorn, scarlet Pyracantha fortuneana Firethorn Pyracantha koidzumii Firethorn Pyracantha koidzumii Firethorn Pyracantha koidzumii Firethorn Pyracantha koidzumii Firethorn Pyracantha fortuneana Firethorn Pyracantha fortuneana Firethorn Pyracantha fortuneana Firethorn Pyracantha koidzumii Firethorn Pyracantha koidzumii Firethorn Pyracantha fortuneana Firethorn Pyracantha fortuneana Firethorn Pyracantha koidzumii Firethorn Pyracantha soidanthoria Red oak Roberdoria Raphiolepis Indian Hawthore Rhododendron(including Azalea) (Coral Bellis, Deleware valley white, Flame creeper, George L. Tabor, P.M.R. Roseum Elegans, Formosa, Hino-crimson, Wakaebisu, Gumpo)  Rosa banksiae Lady Bank's Rose Rosemany' Rumbohra adiantiformis Goldstrum Santolina Saxifraga spp. Saxifrage, Pupile dome Sedum album Stonecrop Sedum dasyphylium Santolina Stonecrop Saxifrage, Pupile dome Sedum album Japanese yew Taxus media Yew Ferentina paponicum Japanese yew Taxus cuspidata Japanese yew Taxus cuspidata Japanese yew Taxus cuspidata Japanese soboxcherry Japanese yew Ja	Scientific name	Common name (Tested varieties)
Pinus canariensis         Canary island pine           Pinus halepensis         Aleppo pine           Pinus naigra         Austrian black pine           Pinus naigra         Austrian black pine           Pinus naigra         Austrian black pine           Pinus palustris         Longleal pine           Pinus radiate         Monterey pine           Pinus strobus         Eastern white pine           Pinus strobus         Eastern white pine           Pinus strobus         Eastern white pine           Pinus strobus         Scotch pine           Pinus thunbergiana         Usiginia pine           Pinus virginiana         Virginia pine           Pistacia spp.*         Pistachio*           Pittosporum rhombifolium         Queensland pittosporum           Podocarpus macrophyllus         Japanese pittosporum           Podocarpus macrophyllus         Japanese pittosporum           Prodocarpus macrophyllus         Japanese pittosporum           Pudocarpus macrophyllus         Japanese pitto		,
Pinus halepensis Aleppo pine Pinus nigra Austrian black pine Pinus palustris Longleaf pine Pinus robus Longleaf pine Pinus strobus Eastern white pine Pinus strobus Eastern white pine Pinus strobus Lobiolly pine Pinus thunbergiana Japanese black pine Pinus vigniana Virginia pine Pistacia spp.* Pittosporum hombifolium Queensland pittosporum Pittosporum tobira Japanese pittosporum Pittosporum hombifolium Queensland pittosporum Pittosporum hombifolium Pittosporum hombifolium Queensland pittosporum Pittosporum bobira Japanese pittosporum Pittosporum macrophylius Japanese pittosporum Podocarpus macrophylius Pinus sipp.* Almond, Apricot, Nectarine, Peach, Plum, and Prune* Pseudotsuga menziesii** Douglas-fir** Pyracantha coccinea Firethorn Pyracantha fortuneana Pyracantha koidzumii Firethorn Pyrus spp. Bradford pear Quercus rubra Quercus shumardii Shumard oak Raphiolepis indica Indian Hawthorne Rhododendron(including Azalea) Rosa banksiae Rosa banksiae Rosa banksiae Rosa banksiae Rosa banksiae Rosmarinus officinalis* Rosmarinus officinalis* Rosemary Rudbeckia spp. Black-eyed Susan Rumohra adiantiformis Leatherfeaf Fen Santolina virens Goldstrum Santolina Savifraga spp. Savifraga, Purple dome Sedum ablum Stonecrop Sedum dasyphyllum Stonecrop Syzygium paniculatum Japanese boxcherry Japanese powbrunum Viburmum plicatum Japanese veriumum Japanese veriumum Japanese veriumum Japanese veriumum Viburumum plicatum Japanese veriumum Viburnum plicatum Japanese veriumum Viburnum doratissimum Viburnum rijobium Leatherfel Viburnum Viburnum rijobium Leatherfel Viburnum Leatherfel Viburnum Leatherfel Viburnum Leatherfel Viburnum		
Pinus halepensis Aleppo pine Pinus nigra Austrian black pine Pinus radiate Monterey pine Pinus radiate Monterey pine Pinus radiate Monterey pine Pinus stribobus Eastern white pine Pinus sylvestris Scotch pine Pinus trunbergiana Japanese black pine Pinus virginiana Virginia pine Pistacia spp.* Pistacia spp.* Pistacy pistacia spp.* Pistacy pi		
Pinus nigra Pinus palustris Longleaf pine Pinus radiate Monterey pine Pinus strobus Eastern white pine Pinus strobus Eastern white pine Pinus trobus Eastern white pine Pinus trobus Eastern white pine Pinus trobus Pinus teada Loblolly pine Pinus thurbergiana Japanese black pine Pinus virginiana Virginia pine Pistacioi spp. Pistachio* Pittosporum rhombifolium Queensland pittosporum Pittosporum tobira Japanese pittosporum Podocarpus macrophyllus Japanese pittosporum Podocarpus macrophyllus Japanese yew Prunus laurocerasus English laurel Prunus spp. Prunus laurocerasus English laurel Prunus spp. Pryracantha coccinea Firethorn, scarlet Pyracantha fortuneana Pyracantha fortuneana Pyracantha koidzumi Firethorn Pyrus spp. Bradford pear Quercus shumardii Shumard oak Raphiolopis indica Rhododendron(including Azalea) Rhododendron & Azalea (Coral Bells, Delaware valley white, Flame creeper, George L. Tabor, PJM, Roseum Elegans, Formosa, Hino-crimson, Wakaebisu, Gumpo)  Rosa banksiae Rosmarinus officinalis* Rosemary* Rudbeckia spp. Black-eyed Susan Rumohra adantiformis Leatherleaf Fern Santolina virens Goldstrum Santolina Savifraga spp. Saxifrage, Purple dome Sedum ablum Stonecrop Sedum dasyphyllum Stonecrop Sedum dasyphyllum Stonecrop Sedum dasyphyllum Stonecrop Syzigium paniculatum Japanese boxcherry Japanese vew Tausus media Yew Fucultum spp. Germander Thula occidentalis American arborvitae Trachelospermum asiatum Staya smaele Yew Fucultum spp. Germander Thula procidentalis American arborvitae Trachelospermum asiatum Stonecrop Japanese vew Tausus media Viburnum japonicum Japanese veburnum Viburnum japonicum Japanese veburnum Viburnum japonicum Japanese siburnum Viburnum japonicum Japanese siburnum Viburnum japonicum Leatherleaf Viburnum Leatherleaf Viburnum Leatherleaf Viburnum		
Pinus palustris   Longleaf pine   Pinus stratiate   Monterey pine   Pinus strobus   Eastern white pine   Pinus strobus   Eastern white pine   Pinus sylvestris   Scotch pine   Pinus turbergiana   Japanese black pine   Pinus thunbergiana   Japanese black pine   Pinus thunbergiana   Japanese black pine   Pinus virginiana   Virginia pine   Pistacia spp.*   Pistachio*   Pistacia spp.*   Pistachio*   Pistacy pine   Pistacia spp.*   Pistachio*   Pistacy pine   Pistacy pine		
Pinus radiate         Monterey pine           Pinus strobus         Eastern white pine           Pinus strobus         Eastern white pine           Pinus taeda         Lobiolly pine           Pinus tumbergiana         Japanese black pine           Pinus virginiana         Virginia pine           Pistacia spp.*         Pistachio*           Pittosporum tobira         Queensland pittosporum           Pittosporum tobira         Japanese pittosporum           Podocarpus macrophyllus         Japanese pittosporum           Podocarpus macrophyllus         Japanese pittosporum           Prunus laurocerasus         English laurel           Prunus laurocerasus         English laurel           Prunus spp.*         Almond, Apricot, Nectarine, Peach, Plum, and Prune*           Pseudotsuga menziesii**         Douglas-fit**           Pyracantha Coccinea         Firethorn           Pyracantha Coccinea         Firethorn           Pyracantha Koldzumii         Shumard dak		
Pinus strobus		
Pinus suvestris         Scotch pine           Pinus taeda         Lobiolly pine           Pinus virginiana         Japanese black pine           Pinus virginiana         Virginia pine           Pistacia spp.*         Pistachio*           Pittosporum rombifolium         Queensland pittosporum           Pittosporum tobira         Japanese pittosporum           Podocarpus macrophyllus         Japanese pittosporum           Prunus laurocerasus         English laurel           Prunus laurocerasus         English laurel           Prunus psp.*         Almond, Apricot, Nectarine, Peach, Plum, and Prune*           Pseudotsuga menziesii**         Douglas-fir**           Pyracantha fortuneana         Firethorn           Pyracantha Koidzumii         Shurard oak           Rosa shurardii         Shumard oak           Robrica Sup.         Bradford pear           Quercus rubra         Quercus rubra           Quercus rubra         Red oak           Quercus rubra         Red oak           Quercus rubra         Red o		, ,
Pinus taeda         Lobiolly pine           Pinus thunbergiana         Japanese black pine           Pinus virginiana         Virginia pine           Pistacia spp.*         Pistachio*           Pittosporum thombii olium         Queensland pittosporum           Pittosporum tobira         Japanese pittosporum           Podocarpus macrophyllus         Japanese yew           Prunus laurocerasus         English laurel           Prunus pp.*         Almond, Apricot, Nectarine, Peach, Plum, and Prune*           Pseudotsuga menziesii**         Douglas-fir**           Pseudotsuga menziesii**         Douglas-fir**           Pyracantha coccinea         Firethorn           Pyracantha fortuneana         Firethorn           Pyracantha koidzumii         Firethorn           Pyracantha koidzumii         Firethorn           Pyracantha koidzumii         Firethorn           Pyracantha koidzumii         Red oak           Quercus shumardii         Shumard oak           Raphiolepis indica         Indian Hawthorne           Rhododendron((including Azalea)         Rhododendron & Azalea           (Coral Bells, Delaware valley white, Flame creeper, George L. Tabor, PJM, Roseum Elegans, Formosa, Hino-crimson, Wakaebisu, Gumpo)           Rosa banksiae         Lady Bank's Rose <t< td=""><td></td><td></td></t<>		
Pinus thunbergiana   Japanese black pine   Pinus virginiana   Virginia pine   Pistacia spp.*   Pistachio*   Pistachio*   Pistachio*   Pistachio*   Pistachio*   Pittosporum rhombifolium   Queensland pittosporum   Pittosporum tobira   Japanese pittosporum   Japanese pittosporum   Japanese pittosporum   Japanese pittosporum   Japanese yew   Prunus laurocerasus   English laurel   Prunus spp.*   Almond, Apricot, Nectarine, Peach, Plum, and Prune*   Pseudotsuga menziesii**   Douglas-fir**   Douglas-fir*   Pyracantha coccinea   Firethorn   Firethorn   Pyracantha fortuneana   Firethorn   Pyracantha koidzumii   Firethorn   Pyracantha koidzumii   Firethorn   Pyracantha koidzumii   Firethorn   Pyrus spp.   Bradford pear   Quercus shumardii   Shumard oak   Quercus shumardii   Shumard oak   Quercus shumardii   Shumard oak   Raphiolepis indica   Indian Hawthome   Rhododendron(including Azalea)   Rhododendron & Azalea   (Coral Bells, Delaware valley white, Flame creeper, George L. Tabor, P.JM., Roseum Elegans, Formosa, Hino-crimson, Wakaebisu, Gumpo)   Rosa banksiae   Lady Bank's Rose   Rosmarinus officinalis*   Raspanese   Lady Bank's Rose   Rosmarinus officinalis*   Raspanese   Lady Bank's Rose   Rosmarinus officinalis*   Raspanese   Latherleaf Fern   Santolina   Saxifraga spp.   Saxifrage, Purple dome   Stonecrop   Saxifrage, Purple dome   Stonecrop   Syzygium paniculatum   Japanese boxcherry   Japanese boxcherry   Japanese boxcherry   Japanese boxcherry   Japanese boxcherry   Japanese boxcherry   Japanese vew   Taxus cuspidata   Japanese vew   Taxus media   Yew   Germander   Truje occidentalis   American arborvitae   Trachelosperum   Asamie   Truje   Japanese viburnum   Japanese viburnu		
Pinus virginiana         Virginia pine           Pistacia spp.*         Pistachio*           Pittosporum thombifolium         Queensland pittosporum           Pittosporum tobira         Japanese pittosporum           Podocarpus macrophyllus         Japanese pittosporum           Prunus laurocerasus         English laurel           Prunus spp.*         Almond, Apricot, Nectarine, Peach, Plum, and Prune*           Pseudotsuga menziesii**         Douglas-fir*           Pyracantha coccinea         Firethorn           Pyracantha corcinea         Firethorn           Pyracantha koidzumii         Firethorn           Pyracantha koidzumiii         Firethorn           Pyracantha koidzumiii         Firethorn           Pyracantha koidzumiii         Rhododnation           Roada kalantioria         Rake dak           Roadakalantioria         Rake dak           Roamaria		· '
Pistachio* Pittosporum rhombifolium Queensland pittosporum Dittosporum tobira Japanese pittosporum Japanese yew Prunus laurocerasus Prunus spp.* Almond, Apricot, Nectarine, Peach, Plum, and Prune* Pseudotsuga menziesii** Pyracantha coccinea Pyracantha fortuneana Pyracantha koidzumii Pirethorn P		
Pittosporum rhombifolium         Queensland pittosporum           Pittosporum tobira         Japanese pittosporum           Podocarpus macrophyllus         Japanese pittosporum           Prunus laurocerasus         English laurel           Prunus spp.*         Almond, Apricot, Nectarine, Peach, Plum, and Prune*           Pseudotsuga menziesii**         Douglas-fir**           Pyracantha coccinea         Firethorn           Pyracantha koidzumii         Firethorn           Pyracantha koidzumii         Firethorn           Pyracantha koidzumii         Firethorn           Pyracantha koidzumii         Firethorn           Pyrus spp.         Bradford pear           Quercus rubra         Red oak           Quercus shumardii         Shumard oak           Raphiolepis indica         Indian Hawthorne           Rhododendron & Zalea         (Coral Bells, Delaware valley white, Flame creeper, George L. Tabor, PJM, Roseum Elegans, Formosa, Hino-crimson, Wakaebisu, Gumpo)           Rosa banksiae         Lady Bank's Rose           Rosmarinus officinalis*         Rosemary*           Rudbeckia spp.         Black-eyed Susan           Rumohra adiantiformis         Leatherleaf Fern           Santolina virens         Goldstrum Santolina           Saxifraga spp.         Saxifrage, Purp		
Pittosporum tobira		
Podocarpus macrophyllus   Japanese yew		
Prunus laurocerasus   English laure    Prunus spp.*   Almond, Apricot, Nectarine, Peach, Plum, and Prune*   Pseudotsuga menziesii**   Douglas-fir**   Douglas-fir*   Pyracantha coccinea   Firethorn   Firethorn   Pyracantha koidzumii   Firethorn   Pyrus spp.   Bradford pear   Quercus rubra   Red oak   Quercus rubra   Red oak   Raphiolepis indica   Indian Hawthorne   Rhododendron(including Azalea)   Rhododendron (including Azalea)   Rosa banksiae   Coral Bells, Delaware valley white, Flame creeper, George L. Tabor, PJM, Roseum Elegans, Formosa, Hino-crimson, Wakaebisu, Gumpo)   Black-eyed Susan   Rumohra adiantiformis   Leatherleaf Fern   Goldstrum Santolina   Saxifraga spp.   Saxifrage, Purple dome   Saultical   Stonecrop   Sedum album   Stonecrop   Sedum dasyphyllum   Stonecrop   Syzygium paniculatum   Japanese boxcherry   Japanese boxcherry   Taxus media   Yew   Teuchum Japanese   Trachelospermum asiatum   Star Jasmine   Trachelospermum asiatum   Star Jasmine   Trachelospermum asiatum   Star Jasmine   Trachelospermum appnicum   Japanese viburnum		
Prunus spp.*         Almond, Apricot, Nectarine, Peach, Plum, and Prune*           Pseudotsuga menziesii**         Douglas-fir**           Pyracantha coccinea         Firethorn, scarlet           Pyracantha fortuneana         Firethorn           Pyracantha koidzumii         Firethorn           Pyrus spp.         Bradford pear           Quercus rubra         Red oak           Quercus shumardii         Shumard oak           Raphiolepis indica         Indian Hawthorne           Rhododendron (including Azalea)         Rhododendron & Azalea           (Coral Bells, Delaware valley white, Flame creeper, George L. Tabor, PJM, Roseum Elegans, Formosa, Hino-crimson, Wakaebisu, Gumpo)           Rosa banksiae         Lady Bank's Rose           Rosmarinus officinalis*         Rosemary*           Rudbeckia spp.         Black-eyed Susan           Rumohra adiantiformis         Leatherleaf Fern           Santolina virens         Goldstrum Santolina           Saxifrage, Spp.         Saxifrage, Purple dome           Sedum caulicola         Stonecrop           Sedum dasyphyllum         Stonecrop           Syzygium paniculatum         Japanese boxcherry           Taxus media         Yew           Teccrium spp.         Germander           Thalictrum dipterocarpum<		
Pseudotsuga menziesii**   Douglas-fir**   Pyracantha coccinea   Firethorn, scarlet   Pyracantha fortuneana   Firethorn   Pyracantha koidzumii   Firethorn   Pyracantha koidzumii   Firethorn   Pyrus spp.   Bradford pear   Quercus rubra   Red oak   Quercus shumardii   Shumard oak   Indian Hawthorne   Rhododendron(including Azalea)   Rhododendron   Azalea   (Coral Bells, Delaware valley white, Flame creeper, George L. Tabor, PJM, Roseum Elegans, Formosa, Hino-crimson, Wakaebisu, Gumpo)   Rosemarinus officinalis*   Rosemary*   Rudbeckia spp.   Black-eyed Susan   Rumohra adiantiformis   Leatherleaf Fern   Santolina virens   Goldstrum Santolina   Saxifraga spp.   Saxifraga, Purple dome   Sedum album   Stonecrop   Sedum caulicola   Stonecrop, Iikadense   Sedum dasyphyllum   Stonecrop   Syzygium paniculatum   Japanese boxcherry   Japanese boxcherry   Taxus cuspidata   Yew   Teucrium spp.   Germander   Thalicrum dipterocarpum   Meadow rue   Thuja occidentalis   American arborvitae   Trachelospermum asiatum   Star Jasmine   Trauga canadensis   Tulipa spp.   Tulip   Viburnum pijaonicum   Japanese viburnum   Japanese viburnum   Viburnum pigatum   Canary Island Viburnum   Viburnum pigatum   Canary Island Viburnum   Viburnum rigidum   Canary Island Viburnum   Viburnum rigidum   Canary Island Viburnum   Cranberry Bush   Viburnum mightiii   Leatherleaf Viburnum   Viburnum   Viburnum mightiii   Leatherleaf Viburnum   Viburnum mightiii   Leatherleaf Viburnum   Viburnum   Viburnum mightiii   Leatherleaf Viburnum   Viburnum   Viburnum mightiii   Leatherleaf Viburnum   Vi		
Pyracantha coccinea Pyracantha fortuneana Pyracantha koidzumii Pyrus spp. Bradford pear Quercus rubra Quercus shumardii Rhododendron(including Azalea) Rhododendron(including Azalea) Rosa banksiae Rosmarinus officinalis* Rosemary* Rudbeckia spp. Black-eyed Susan Rumohra adiantiformis Bantilina Santilina Santilina Stonecrop Sedum caulicola Sedum dasyphyllum Stonecrop Sedum dasyphyllum Stonecrop Syzygium paniculatum Taxus media Trachelospermum asiatum Trachelospermum asiatum Trauga canadensis Tulipa spp. Tulipa spp. Tulipu sph. Viburnum pilcatum Viburnum rigidum Viburnum tirlobium Viburnum rigidum Viburnum rigidum Viburnum rigidum Viburnum rigidum Viburnum rigidum Viburnum rigidum Viburnum rigiduim Viburnum rigiduim Viburnum rigiduim Viburnum rigiduim Viburnum rigiduim Canaberry Bash Viburnum rigiduim Cranberry Bush Viburnum rigiditim Cranberry Bush Viburnum rigiditim Cranberry Bush Viburnum rigiditim Cranberry Bush Viburnum rigiditim Cranberry Bush Viburnum minus Viburnum rigiditim Cranberry Bush Viburnum mingbtii Leatherlaef Fern Red oak Referd oak Red oak Rirethorn Rirethorn Rirethorn Rirethorn Rirethorn Red oak Red		
Pyracantha fortuneana         Firethorn           Pyracantha koidzumii         Firethorn           Pyrus spp.         Bradford pear           Quercus rubra         Red oak           Quercus shumardii         Shumard oak           Raphiolepis indica         Indian Hawthorne           Rhododendron (including Azalea)         Rhododendron & Azalea           (Coral Bells, Delaware valley white, Flame creeper, George L. Tabor, PJM, Roseum Elegans, Formosa, Hino-crimson, Wakaebisu, Gumpo)           Rosa banksiae         Lady Bank's Rose           Rosmarinus officinalis*         Rosemary*           Rudbeckia spp.         Black-eyed Susan           Rumohra adiantiformis         Leatherleaf Fern           Santolina virens         Goldstrum Santolina           Saxifraga spp.         Saxifrage, Purple dome           Sedum album         Stonecrop           Sedum caulicola         Stonecrop           Sedum caulicola         Stonecrop           Syzygium paniculatum         Japanese boxcherry           Taxus cuspidata         Japanese yew           Taxus media         Yew           Teucrium spp.         Germander           Thalictrum dipterocarpum         Meadow rue           Thalictrum dipterocarpum         Meadow rue		
Pyracantha koidzumii         Firethorn           Pyrus spp.         Bradford pear           Quercus rubra         Red oak           Quercus shumardii         Shumard oak           Raphiolepis indica         Indian Hawthorne           Rhododendron (including Azalea)         Rhododendron & Azalea           Rhododendron (including Azalea)         Rhododendron & Azalea           Rododendron (including Azalea)         Rhododendron & Azalea           Rododendron (including Azalea)         Rhododendron & Azalea           (Coral Bells, Delaware valley white, Flame creeper, George L. Tabor, PJM, Roseum Elegans, Formosa, Hino-crimson, Wakaebisu, Gumpo)           Rosa banksiae         Lady Bank's Rose           Rosmarinus officinalis*         Rosemary*           Rudbeckia spp.         Black-eyed Susan           Rumohra adiantiformis         Leatherleaf Fern           Santolina virens         Goldstrum Santolina           Saxifrage spp.         Saxifrage, Purple dome           Sedum album         Stonecrop           Sedum aluicola         Stonecrop, likadense           Sedum dasyphyllum         Stonecrop           Syzygium paniculatum         Japanese boxcherry           Taxus media         Yew           Teucrium spp.         Germander           Thalictr		
Pyrus spp.         Bradford pear           Quercus rubra         Red oak           Quercus shumardii         Shumard oak           Raphiolepis indica         Indian Hawthorne           Rhododendron(including Azalea)         Rhododendron & Azalea           (Coral Bells, Delaware valley white, Flame creeper, George L. Tabor, PJM, Roseum Elegans, Formosa, Hino-crimson, Wakaebisu, Gumpo)           Rosa banksiae         Lady Bank's Rose           Rosmarinus officinalis*         Rosemary*           Rudbeckia spp.         Black-eyed Susan           Rumohra adiantiformis         Leatherleaf Fern           Santolina virens         Goldstrum Santolina           Saxifraga spp.         Saxifrage, Purple dome           Sedum album         Stonecrop           Sedum dasyphyllum         Stonecrop           Sedum dasyphyllum         Stonecrop           Syzygium paniculatum         Japanese boxcherry           Taxus cuspidata         Japanese yew           Taxus media         Yew           Teucrium spp.         Germander           Thalictrum dipterocarpum         Meadow rue           Thalictrum dipterocarpum         Meadow rue           Trachelospermum asiatum         Star Jasmine           Tsuga canadensis         Canada hemlock <t< td=""><td></td><td></td></t<>		
Quercus shumardii         Shumard oak           Raphiolepis indica         Indian Hawthorne           Rhododendron(including Azalea)         Rhododendron & Azalea           Rhododendron (including Azalea)         Rhododendron & Azalea           Rhododendron & Azalea         (Coral Bells, Delaware valley white, Flame creeper, George L. Tabor, PJM, Roseum Elegans, Formosa, Hino-crimson, Wakaebisu, Gumpo)           Rosa banksiae         Lady Bank's Rose           Rosmarinus officinalis*         Rosemary*           Rudbeckia spp.         Black-eyed Susan           Rumohra adiantiformis         Leatherleaf Fern           Santolina virens         Goldstrum Santolina           Santolina virens         Goldstrum Santolina           Saxifraga spp.         Saxifrage, Purple dome           Sedum album         Stonecrop           Sedum caulicola         Stonecrop           Sedum dasyphyllum         Stonecrop           Syzygium paniculatum         Japanese boxcherry           Taxus cuspidata         Japanese boxcherry           Taxus media         Yew           Teucrium spp.         Germander           Thalictrum dipterocarpum         Meadow rue           Thuja occidentalis         American arborvitae           Trachelospermum asiatum         Star Jasmine	-	
Quercus shumardii         Shumard oak           Raphiolepis indica         Indian Hawthorne           Rhododendron(including Azalea)         Rhododendron & Azalea (Coral Bells, Delaware valley white, Flame creeper, George L. Tabor, PJM, Roseum Elegans, Formosa, Hino-crimson, Wakaebisu, Gumpo)           Rosa banksiae         Lady Bank's Rose           Rosmarinus officinalis*         Rosemary*           Rudbeckia spp.         Black-eyed Susan           Rumohra adiantiformis         Leatherleaf Fern           Santolina virens         Goldstrum Santolina           Saxifraga spp.         Saxifrage, Purple dome           Sedum album         Stonecrop           Sedum caulicola         Stonecrop           Sedum dasyphyllum         Stonecrop           Syzygium paniculatum         Japanese boxcherry           Taxus cuspidata         Japanese yew           Taxus media         Yew           Teucrium spp.         Germander           Thuija occidentalis         American arborvitae           Trachelospermum asiatum         Star Jasmine           Tsuga canadensis         Canada hemlock           Tulipa spp.         Tulip           Viburnum japonicum         Japanese viburnum           Viburnum plicatum         Japanese snowball           Viburnum tr		
Raphiolepis indica       Indian Hawthorne         Rhododendron(including Azalea)       Rhododendron & Azalea         Rhododendron & Azalea       Rhododendron & Azalea         Rosa banksiae       Lady Bank's Rose         Rosmarinus officinalis*       Rosemary*         Rudbeckia spp.       Black-eyed Susan         Rumohra adiantiformis       Leatherleaf Fern         Santolina virens       Goldstrum Santolina         Saxifraga spp.       Saxifrage, Purple dome         Sedum album       Stonecrop         Sedum caulicola       Stonecrop         Sedum dasyphyllum       Stonecrop         Syzygium paniculatum       Japanese boxcherry         Taxus cuspidata       Japanese yew         Taxus media       Yew         Teucrium spp.       Germander         Thalictrum dipterocarpum       Meadow rue         Thuja occidentalis       American arborvitae         Trachelospermum asiatum       Star Jasmine         Tsuga canadensis       Canada hemlock         Tulipa spp.       Tulipa         Viburnum japonicum       Japanese viburnum         Viburnum plicatum       Japanese snowball         Viburnum tilus       Laurustinus         Viburnum trilobium       Cranberty Bus		
Rhododendron(including Azalea) Rhododendron & Azalea (Coral Bells, Delaware valley white, Flame creeper, George L. Tabor, PJM, Roseum Elegans, Formosa, Hino-crimson, Wakaebisu, Gumpo)  Rosa banksiae Lady Bank's Rose Rosmarinus officinalis* Rosemary* Rudbeckia spp. Black-eyed Susan Rumohra adiantiformis Leatherleaf Fern Santolina virens Goldstrum Santolina Saxifraga spp. Saxifrage, Purple dome Sedum album Stonecrop Sedum caulicola Sedum dasyphyllum Stonecrop, likadense Sedum dasyphyllum Stonecrop Syzygium paniculatum Japanese boxcherry Taxus cuspidata Taxus media Yew Teucrium spp. Germander Thalictrum dipterocarpum Meadow rue Thuja occidentalis American arborvitae Trachelospermum asiatum Tsuga canadensis Canada hemlock Tulipa spp. Tulip Viburnum japonicum Viburnum plicatum Viburnum plicatum Viburnum plicatum Viburnum pilcatum Viburnum rigidum Canary Island Viburnum Viburnum trilobium Viburnum trilobium Cranberry Bush Viburnum wrightii Leatherleaf Viburnum	-	
(Coral Bells, Delaware valley white, Flame creeper, George L. Tabor, PJM, Roseum Elegans, Formosa, Hino-crimson, Wakaebisu, Gumpo)  Rosa banksiae Lady Bank's Rose  Rosmarinus officinalis* Rosemary*  Rudbeckia spp. Black-eyed Susan  Rumohra adiantiformis Leatherleaf Fern  Santolina virens Goldstrum Santolina  Saxifraga spp. Saxifrage, Purple dome  Sedum album Stonecrop  Sedum caulicola Stonecrop, likadense  Sedum dasyphyllum Stonecrop  Syzygium paniculatum Japanese boxcherry  Taxus cuspidata Japanese yew  Teucrium spp. Germander  Thalictrum dipterocarpum Meadow rue  Thuja occidentalis American arborvitae  Trachelospermum asiatum Star Jasmine  Trulipa spp. Tulip  Viburnum japonicum Japanese viburnum  Viburnum japonicum Japanese snowball  Viburnum rigidum Canary Island Viburnum  Viburnum rigidum Canary Island Viburnum  Viburnum tinus Laurustinus  Viburnum viriphtii Leatherleaf Viburnum		
George L. Tabor, PJM, Roseum Elegans, Formosa, Hino-crimson, Wakaebisu, Gumpo)  Rosa banksiae Lady Bank's Rose  Rosmarinus officinalis* Rosemary*  Rudbeckia spp. Black-eyed Susan  Rumohra adiantiformis Leatherleaf Fern  Santolina virens Goldstrum Santolina  Saxifraga spp. Saxifrage, Purple dome  Sedum album Stonecrop  Sedum caulicola Stonecrop, likadense  Sedum dasyphyllum Stonecrop  Syzygium paniculatum Japanese boxcherry  Taxus cuspidata Japanese yew  Taxus media Yew  Teucrium spp. Germander  Thuja occidentalis American arborvitae  Trachelospermum asiatum  Tsuga canadensis Canada hemlock  Tulipa spp. Tulip  Viburnum japonicum Japanese viburnum  Viburnum plicatum Japanese viburnum  Viburnum plicatum Canary Island Viburnum  Viburnum rigidum Canary Island Viburnum  Viburnum tinus Laurustinus  Viburnum trilobium Cranberry Bush  Viburnum wrightii Leatherleaf Viburnum	Rhododendron(including Azalea)	
Hino-crimson, Wakaebisu, Gumpo)  Rosa banksiae Lady Bank's Rose  Rosmarinus officinalis* Rosemary*  Rudbeckia spp. Black-eyed Susan  Rumohra adiantiformis Leatherleaf Fern  Santolina virens Goldstrum Santolina  Saxifraga spp. Saxifrage, Purple dome  Sedum album Stonecrop  Sedum caulicola Stonecrop, likadense  Sedum dasyphyllum Stonecrop  Syzygium paniculatum Japanese boxcherry  Taxus cuspidata Japanese yew  Taxus media Yew  Teucrium spp. Germander  Thalictrum dipterocarpum Meadow rue  Thuja occidentalis American arborvitae  Trachelospermum asiatum  Tsuga canadensis Canada hemlock  Tulipa spp. Tulip  Viburnum japonicum Japanese viburnum  Viburnum plicatum Japanese snowball  Viburnum plicatum Canary Island Viburnum  Viburnum rigidum Canary Bush  Viburnum tirlobium Cranberry Bush  Viburnum wrightii Leatherleaf Viburnum		
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Vinca major Greater periwinkle, Vinca	•	
	Vinca major	Greater periwinkle, Vinca

Scientific name	Common name (Tested varieties)
Vinca minor	Common periwinkle
Vitis spp.*	Grape*
Weigela florida	Old fashioned Weigela
Yucca aloifolia	Spanish bayonet
Yucca filamentosa	Yucca, Adam's needle

<sup>\*</sup> Do not use on food producing trees, vines, or plants.
\*\* Not for use on container grown plants

#### STORAGE AND DISPOSAL

**STORAGE:** Store this product in its original container in a dry, cool, secured area. Do not contaminate water, foodstuffs, feed, or seed by storage or disposal.

**PRODUCT DISPOSAL:** As a responsible environmental practice, where possible, it is recommended that all of the contents of the bag be used, carefully following label directions and precautions.

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

#### **OPTIONAL MARKETING CLAIMS**

- o Feeds [the lawn] up to (2, 3, 4, 5) months
- Contains [multi source] [multi release rate] nitrogen [for improved root growth]
- Improved nitrogen consumption
- o Reduced nitrogen overload
- Reduced nitrogen runoff
- o Facilitates reduced irrigation
- Improved drought tolerance
- Equivalent [or improved] efficacy at lower NPK levels
- Controlled release feeding for uniform growth
- [Provides] [season- long] control of crabgrass
- o [Provides] long-lasting green
- Provides slow release nutrients to the soil
- Creates [stronger] [deeper] root system
- Feeds [your lawns] roots
- Apply at the beginning of the growing season [to enhance nutrition and enhance crabgrass control]
- o Combines conventional [synthetic and/or inorganic] and natural [organic] fertilizers
- o Reliable [long-lasting] green-up
- 3 month green-up
- Easy to apply
- Delivers quick results [without surge growth]
- Aids in nutrition and disease suppression
- Contains (XX%) organic matter (OM)
- Combines quick results and long-lasting feeding [as nature intended]
- Adding the right balance of nutrient sources helps create a healthier lawn and soil
- Using slowly available nutrients greatly reduces run-off into our waterways

#### [Optional language]

If this product is being sold in a state requiring the publication of information regarding its metal content, information regarding the contents and levels of metals in this product is available at the following website: <a href="http://www.aapfco.org/metals.htm">http://www.aapfco.org/metals.htm</a> [or company specified website].

## [Optional state specific language: Florida]

In the state of Florida, it is recommended that the user of this product follow the Green Industries and Golf Course Best Management Practices found at: <a href="http://www.dep.state.fl.us/water/nonpoint/BMP\_Book\_Final.pdf">http://www.dep.state.fl.us/water/nonpoint/glfbmp07.pdf</a>
http://www.dep.state.fl.us./water/nonpoint/glfbmp07.pdf

#### [Optional state specific language: Virginia]

Do not apply near water, storm drains, or drainage ditches. Do not apply if heavy rains are expected. Apply this product only to your lawn/garden, and sweep any product that lands on the driveway, sidewalk, or street back onto your lawn/garden.

#### [Optional state specific language: Maryland]

This fertilizer contains phosphorus and may not be used on turf in the state of Maryland except when 1) Providing nutrients to specific soils and target vegetation as determined to be necessary in accordance with a soil test that

was conducted by a laboratory identified under § 8-803.7 of the Agriculture Article, Annotated Code of Maryland, performed no more than 3 years before the application; 2) Establishing vegetation for the first time, such as after land disturbance, provided the application is conducted in accordance with the recommended application rates established by the State; or 3) Reestablishing or repairing a turf area.

# [Optional state specific language]

In the state(s) of [state name(s)], this product may not be applied at a rate greater than [XX] pounds per 1,000 sq ft per application ([XX] pounds per 1,000 sq ft per year).

# [Optional Spreader Setting Language] SPREADER SETTINGS

Spreader settings vary by make and model of spreader. It is recommended that individual spreaders are calibrated for the specific product that is to be applied. Information on spreader make and model and suggested settings will be available at time of label printing. A walking speed of 3 miles per hour is recommended.

	SPREADER SETTINGS  Application Rates <sup>2</sup> a.i. lbs./Acre (Product lbs./1000 sq ft)			
Spreader Model				
	0.5 (2.7)	0.75 (4.1)	1.0 (5.5)	1.5 (8.2)
Model Make 1/Model Type I	X <sup>1</sup>	X	X	X
Model Make 2/Model Type II	X	X	X	X
ETC.	X	X	X	X

<sup>&</sup>lt;sup>1</sup>Place Holder.

Optional Spreader Setting Language: Due to spreader setting limitations, application rates are to be applied twice to achieve the a.i./acre rates (e.g., Apply 0.5 a.i./acre rate twice to achieve the 1.0 a.i./acre rate.).

#### WARRANTY AND LIMITATION OF DAMAGES

Conditions of sale: To the extent consistent with applicable law, Advan LLC 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 accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to Advan LLC. ADVAN LLC DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. To the extent consistent with applicable law, ADVAN LLC SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND SIPCAM AGRO USA, INC.'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. BUYER AND USER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. SIPCAM AGRO USA, INC. DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.

#### SIPCAM AGRO USA. INC.

2525 Meridian Parkway, Suite 350 Durham, NC 27713

Turf Fertilizer with Prodiamine 0.42% (60063-43) (Amend to EPA 10-27-2015)

<sup>&</sup>lt;sup>2</sup>Application Rates for example only – do not exceed the maximum annual application rate of 1.5 lb a. i./Acre (8.2 lb product/1000 sq. ft.)