

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

November 15, 2024

Lisa Adamson
ladamson@controlsolutionsinc.com
CONTROL SOLUTIONS, INC.

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment - Fast track label

amendment to make some already approved text optional at time of printing as well as

making some of the charts and text more consumer friendly.

Product Name: CSI 19-343 Prodoxaben

Admin Number: 53883-490 EPA Receipt Date: 07/24/2023 Action Case Number: 00487482

Dear Lisa Adamson:

The amended labeling 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 terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or 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 (1) copy of the final printed labeling before you release this 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 your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have questions, please contact Joseph Belsky via email at belsky.joseph@epa.gov. Sincerely,

Kable Bo Davis

Kable Bo Davis, Senior Advisor HB, RD Office of Pesticide Programs [Bracketed information is optional text]. Text separated by "/" denotes and/or options.

PRODIAMINE	GROUP	3	HERBICIDE
ISOXABEN	GROUP	29	HERBICIDE

This label contains the following sub-labels:

Sub-Label A: Concentrate Packaging – intended for professional/occupational use Sub-Label B: Concentrate and/or Ready to Spray - intended for consumer use

[SUB-LABEL A: Concentrate Packaging – intended for professional/occupational use]

CSI 19-343 PRODOXABEN

[Sub-label A ABN's: Complete Prodoxaben Concentrate, Prodoxaben Concentrate]

[A SELECTIVE COMBINATION PREEMERGENCE HERBICIDE FOR THE CONTROL OF GRASS AND BROADLEAF WEEDS IN ESTABLISHED TURFGRASSES (INCLUDING GOLF COURSES (EXCLUDING GOLF COURSE PUTTING GREENS)), LAWNS AND ORNAMENTALS, [NON-CROP AREAS INCLUDING RIGHTS-OF WAY FOR TRANSPORTATION SYSTEMS AND UTILITIES (INCLUDING ROADWAYS, ROADSIDES, RAILWAYS AND EQUIPMENT YARDS), FACILITIES INCLUDING SUBSTATIONS, TANK FARMS, PUMPING STATIONS, PARKING AND STORAGE AREAS, AND UNGRAZED FENCE ROWS]]

ACTIVE INGREDIENTS:	% BY WT
Prodiamine*	1.46%
Isoxaben**	0.97%
OTHER INGREDIENTS:	<u>97.57%</u>
TOTAL:	100.00%

^{*} CAS No. 29091-21-2

Contains 0.12 pounds prodiamine per gallon and 0.08 pounds isoxaben per gallon.

KEEP OUT OF REACH OF CHILDREN

Manufactured for:

Control Solutions, Inc. 5903 Genoa Red Bluff Pasadena, TX 77507

EPA Reg. No. 53883-490 EPA Est. No. xxx-xx-xxx

Net Contents: xxxx gal (xxxx L)

ACCEPTED

11/15/2024

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under

EPA Reg. No. 53883-490

^{**} CAS No. 82558-50-7

Bold, italicized text is information for the reader and is not part of the label. [Bracketed information is optional text]. Text separated by "/" denotes and/or options.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Avoid breathing vapor. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All applicators, mixers, loaders, and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- After handling this product immediately remove PPE, wash yourself thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

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. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

NON-TARGET ORGANISM ADVISORY STATEMENT: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

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 wash water.

Ground Water Advisory: This pesticide has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

This pesticide may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soil and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and

NOTE:

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surface water features such as ponds, streams and springs will reduce the potential loading of isoxaben from runoff water and sediment.

PHYSICAL AND CHEMICAL HAZARDS

Do not mix or allow coming in contact with Oxidizing agents, Reducing agents and organic solvents. Hazardous Chemical reaction may occur.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.
BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- Volume Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

BOOM HEIGHT - Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

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TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke form a fround source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Application need to be familiar with local wind patterns and terrain that could affect spray drift.

SPRAY DRIFT

Handheld Technology Applications:

• Take precautions to minimize spray drift.

PRODUCT INFORMATION

Formulation and Mode of Action

CSI 19-343 PRODOXABEN is a liquid herbicide containing the active ingredient, prodiamine, a member of the dinitroaniline family of herbicides which inhibits mitotic processes in plants, and isoxaben, which has a cellulose biosynthesis inhibitor (CBI) mode of action. The actives control susceptible weeds by preventing growth and development of newly germinated seeds. Each gallon contains 0.20 pounds active ingredient (0.12 pounds prodiamine per gallon plus 0.08 pounds isoxaben per gallon). CSI 19-343 PRODOXABEN is used for pre-emergent control of grasses and broadleaf weeds. Weed control is most effective when CSI 19-343 PRODOXABEN is activated by at least 0.5 inches of rainfall or irrigation.

Uses and Application

Apply CSI 19-343 PRODOXABEN for selective pre-emergence control of many grass and broadleaf weeds in the following areas:

- Established turfgrasses (excluding golf course putting greens)
- Lawns
- Landscape ornamentals
- [Non-crop areas including managed rights-of-way for transportation systems and utilities (such as roadways, roadsides, railways, and equipment yards)]
- [Non-crop facilities including substations, tank farms, pumping stations, parking and storage areas]
- [Non-grazed fence rows]
- 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 interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.
- For use on plants in non-crop and non-timber area only. Not for use on crops, timber, or other plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

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SPRAY DRIFT MANAGEMENT

Spray when air is calm to avoid spray drift onto desirable plants. If spray contacts desirable foliage, immediately rinse the foliage with water. Use cardboard or plastic to shield desirable plants from spray drift. To avoid tracking product into other areas of desirable vegetation, keep people and pets off of the treated areas until the spray has dried.

WEED RESISTANCE MANAGEMENT

For resistance management, please note that CSI 19-343 PRODOXABEN contains both a Group 3/Prodiamine and Group 29/Isoxaben herbicide. Any weed population may contain plants naturally resistant to Group 3/Prodiamine and Group 29/Isoxaben herbicides. The resistant individuals may dominate the weed population if these herbicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance, take one or more of the following steps:

- Rotate the use of CSI 19-343 PRODOXABEN or other Group 3 and Group 29 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide used.
- Scout before and 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 clean seed.
- 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 Control Solutions, Inc., your local retailer or your local extension specialist. If resistance
 is suspected, treat weed escapes with an 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.

Contact your local sales representative, crop advisor, or extension agent to find out if suspected resistant weeds to these MOAs have been found in your region. Do not assume that each listed weed is being controlled by multiple mechanisms of action. Co-formulated active ingredients are intended to broaden the spectrum of weeds that are controlled. Some weeds may be controlled by only one of the active ingredients in this product.

New Plantings, Replanting and Rotational Plantings

Rotate nursery and landscape areas treated with CSI 19-343 PRODOXABEN only to ornamental

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species listed on this label for 1 (one) year following application unless the following test has shown species safety:

• Before planting a species not listed on this label, sow several test strips of an indicator plant such as wheat, sorghum or corn into the treated area. If the indicator plants germinate and grow normally to a height of 12 inches with normal root development, it is safe to plant.

In areas disturbed by new plantings or replanting of labeled species, it may be necessary to retreat exposed soil to maintain satisfactory weed control, but do not apply more than 36.7 fl. oz. of product per 1000 sq. ft. per year.

PRODUCT USE RESTRICTIONS

- Do not graze or feed livestock forage cut from areas treated with CSI 19-343 PRODOXABEN
- Do not apply CSI 19-343 PRODOXABEN to plants that will be consumed for food use.
- Do not blend CSI 19-343 PRODOXABEN onto dry fertilizer or any other granular material.
- Do not apply to golf course putting greens.
- Do not apply by air.
- Do not exceed a dosage of 2.5 lb. active ingredient / acre (36.7 fl.oz. / 1000 sq. ft.) (1.5 lb. Prodiamine and 1.0 lb. Isoxaben) per year on any use site and do not repeat an application sooner than 60 days after a previous application
- Chemigation: Do not apply this product through any type of irrigation system.

State Specific Restriction:

Not for sale, use or distribution in the state of New York.

Treatment of Turfgrass or Ornamental Species Not Listed on the Label for CSI 19-343 PRODOXABEN:

Users who wish to use CSI 19-343 PRODOXABEN are limited to non-food, ornamental plant species located strictly in labeled use sites. Although this label contains a large number of ornamental species, it is not possible to include all of the ornamental plants that may be encountered in a landscape setting. On a plant species not listed on this label the user may determine the suitability of such use by treating a small area or number of these plants at a specified rate. Prior to treatment of larger areas, the treated area or plants should be observed for any sign of herbicidal injury during the 30 to 60 days of typical growing conditions.

When used as directed in this label for established turf and landscape ornamental plantings, CSI 19-343 PRODOXABEN will control or suppress [the] grass and broadleaf weeds [listed] {Note to reviewer: option to insert table from Appendix A} [Insert table from Appendix A]

SPECIFIC USE DIRECTIONS - ESTABLISHED TURF Product Information

CSI 19-343 PRODOXABEN is a selective preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turfgrasses [including golf courses (excluding putting greens)] and lawns.

USE RESTRICTIONS - Turfgrass [Golf Courses (excluding golf course putting greens),] and Lawns

- Do not apply CSI 19-343 PRODOXABEN to areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species.
- Do not apply CSI 19-343 PRODOXABEN to golf course putting greens.
- Do not apply CSI 19-343 PRODOXABEN to turf grass grown for seed.

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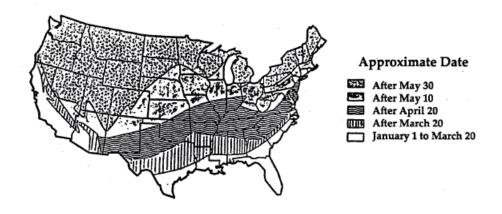
 Do not apply CSI 19-343 PRODOXABEN to turf stressed by conditions such as drought, low fertility, or pest damage.

USE PRECAUTIONS - Turfgrass [Golf Courses (excluding golf course putting greens),] and Lawns

- Disturbing the herbicide barrier with cultural practices such as disking can result in reduced weed control.
- [If the depth of the creeping bentgrass root system becomes shallow and root tips contact prodiamine-treated soil, new root formation can be inhibited. Mowing height can affect the depth of a plants root system. To avoid this do not apply CSI 19-343 PRODOXABEN to creeping bentgrass less than 0.5 inches in height.] {This restriction will only be printed if Creeping Bentgrass is included in Table 1}

For optimum weed control, activate CSI 19-343 PRODOXABEN with at least 0.5 inches of rainfall or irrigation before weed seeds germinate and within 14 days following application. See the map below for approximate crabgrass seed germination dates.

Crabgrass Seed Germination Dates



MIXING AND APPLICATION

- 1. Apply as directed.
- 2. In a CLEAN sprayer, measure and mix the amount of product and water as stated in the tables below.
- 3. When handling pesticide products, wear disposable gloves. Do not use kitchen utensils such as measuring cups and spoons for food purposes after they have been used with pesticides.
- 4. Spray as directed. It is important to achieve complete coverage.
- 5. Flush sprayer with clean water following each use.

[Length of Crabgrass Control With CSI 19-343 PRODOXABEN

Note: Length of control varies by region. This is an average:

- 9.2 fl. oz. per 1,000 sq.ft. up to 3 months control of crabgrass.
- 13.8 fl. oz. per 1,000 sq.ft up to 4 months control of crabgrass.

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- 18.4 fl. oz. per 1,000 sq.ft up to 6 months control of crabgrass.
- 23.8 fl. oz. per 1,000 sq.ft. up to 8 months control of crabgrass.]

[Or (for single rate application]

[Length of Crabgrass Control with CSI 19-343 PRODOXABEN

Note: Length of control varies by region. This is an average: [rate] oz. per 1,000 sq. ft. controls up to [number of months] months of crabgrass control.]

CSI 19-343 PRODOXABEN can be safely applied to the turfgrass species listed in **Table 1**. Do not exceed the highest rate listed for each species in a calendar year as injury can occur.

Table 1. Maximum Application Rate of CSI 19-343 PRODOXABEN per Calendar Year by Turf Species

{Note to reviewer: any single fl. oz. (ex: 16 fl. oz.) within the below range may be used at time of

printing}

Turf Species	fl. Oz. Product	Amount of Water	Coverage
Bermudagrass ² Bahiagrass Centipedegrass Kikuyugrass Seashore Paspalum St. Augustinegrass ³ Tall Fescue (including turf-type) Zoysiagrass	15.9-36.6	1 gallon	1,000 sq ft
Buffalograss Kentucky Bluegrass Perennial Ryegrass	7.5-22	1 gallon	1,000 sq ft
Fine Fescue	7.5-18.3	1 gallon	1,000 sq ft
[Creeping Bentgrass (0.5 inch or more in height ⁴)	7.5-16.0	1 gallon	1,000 sq ft]

¹CSI 19-343 PRODOXABEN can be applied more than once per year as long as the total amount applied is not greater than the maximum application rate for each turf species. All applications must be made before weed seeds germinate.

When to Apply CSI 19-343 PRODOXABEN after Overseeding Turf

Injury to desirable seedlings is likely if CSI 19-343 PRODOXABEN is applied before the secondary roots of seedlings are in the second inch of soil, not thatch plus soil. To reduce the potential to injure overseeded turf, wait 60 days after seeding or until after the second mowing, whichever is longer, before applying CSI 19-343 PRODOXABEN.

²CSI 19-343 PRODOXABEN can be used on newly sprigged or plugged bermudagrass at rates not to exceed 12.8 fl. oz./1,000 sq ft. Newly sprigged or plugged bermudagrass stolon rooting can be temporarily inhibited.

³ Use an initial rate of 12.1-23.8 fl. oz./1000 sq. ft. per application.

^{[&}lt;sup>4</sup> To avoid grass injury, do not apply CSI 19-343 PRODOXABEN to creeping bentgrass mowed at less than 0.5 inch in height.] {This restriction will only be printed if Creeping Bentgrass is included in Table 1}

When to Overseed After Application - All States

CSI 19-343 PRODOXABEN will inhibit the development of turfgrass species overseeded too soon after application. Follow rates and intervals in **Table 2** for best overseeding/reseeding results.

[Table 2. Waiting Interval before Overseeding Perennial Ryegrass Following Application of CSI 19-343 PRODOXABEN

Amount of CSI 19-343 PRODOXABEN	Interval (Months Before Overseeding)*		
Fl. Oz. Product/1000 sq. ft.	North Transition		South
12.1	4	4	4
16	5	4	4
18.4	6	5	5
19.8		6	6
24		7	7
27.9			9
31.8			10
36.6			12

^{*} In AZ, CA, NV, and TX the overseeding interval can be shorter in established bermudagrass that has been overseeded with perennial ryegrass. See the next section for additional information.

Poa Annua Control in Established Bermudagrass Overseeded with Perennial Ryegrass (AZ, CA, NV, and TX only): Use on [golf courses (excluding golf course putting greens), and] lawns when overseeding with perennial rye grass. (Minimum seeding rate of 350 lbs/A).]

[Table 3. Amount of CSI 19-343 PRODOXABEN to Apply to Bermudagrass Overseeded with Perennial Ryegrass

Amount to Apply	When to Apply	Expected Control	Use Precautions	Use Restrictions
9.2- 15.9 fl.oz./1000 sq. ft.*	6-8 weeks before ryegrass overseeding Second application:	1 application for 70% or greater control of Poa annua	Some seedling mortality and temporary reduction in root growth of new seedlings can occur.	Make no more than 2 applications per year for this use, and do not exceed a total of 20.2 fl.

4-8 weeks after overseeding or when perennial ryegrass roots are in the second inch of soil	Second application can enhance control	To reduce the potential for seedling mortality, maintain a moist seedbed with light, frequent irrigation.	oz./1000 sq. ft. per year. Do not make a second application if any injury to the ryegrass is observed after the first application. Do not make a second application unless the product was first applied before overseeding.
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^{*} The amount of CSI 19-343 PRODOXABEN to apply depends upon: the length of residual control desired (the higher the application rate, the longer the control). **Note:** The higher the rate, the greater the potential for seedling mortality.]

LANDSCAPE ORNAMENTAL PLANTINGS

Product Information

Apply CSI 19-343 PRODOXABEN to soil surfaces for preemergence and limited post- emergence control of many grass and broadleaf weeds around ornamental shrubs and trees, established perennial vegetation and wildflower plantings.

USE RESTRICTIONS - Landscape Ornamental Plantings

- DO NOT apply CSI 19-343 PRODOXABEN to seedbeds, or seedling transplant beds. Only
 apply to established plantings.
- DO NOT apply to ground covers until they are established and well rooted
- **DO NOT** apply to bedding plants or areas where bedding plants will be planted or transplanted within one year after application.
- DO NOT apply CSI 19-343 PRODOXABEN to plants inside enclosed structures.
- **DO NOT** cover plants treated with CSI 19-343 PRODOXABEN until 21 days have passed after application.
- **DO NOT** apply CSI 19-343 PRODOXABEN to newly transplanted ornamentals, nursery stock, or ornamental bulbs. Delay application until soil has settled and roots have formed.
- DO NOT apply after emergence of ornamental bulbs.

USE PRECAUTIONS - Landscape Ornamental Plantings

 Applications of CSI 19-343 PRODOXABEN over the top of plants with newly forming buds may cause injury. Possible plant injury may be avoided by application as a directed spray to the soil surface beneath ornamental plants.

Timing and Method of Application

CSI 19-343 PRODOXABEN is primarily a preemergence herbicide and will not control most grass

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or broadleaf weeds post-germination. It works best when applied to soil that is free of clods, weeds and debris and is activated by at least 0.5 inches of irrigation or rainfall or shallow incorporation to a depth of 1 to 2 inches. Weed control is improved if CSI 19-343 PRODOXABEN is activated in the soil before weed seeds germinate and within 14 days after application. Apply CSI 19-343 PRODOXABEN to newly-transplanted and established ornamentals as an over-the-top spray.

Post-Emergence Control of Yellow Woodsorrel (Oxalis) and Bittercress:

CSI 19-343 PRODOXABEN will control or suppress Hairy Bittercress, *Cardamine hirsuta*, and Yellow Woodsorrel, *Oxalis stricta*, seedlings from germination up through the 1st true leaf stage. Post emergent seedling mortality reaches its maximum over a period of 7-28 days depending on local conditions. Warmer conditions typically result in faster results.

Plant Sensitivity

Direct application of CSI 19-343 PRODOXABEN to rapidly growing tissue or buds can injure plants. In the spring when buds are rapidly growing and expanding, over-the-top application of CSI 19-343 PRODOXABEN can injure new growth. However, these effects are temporary. To reduce the possibility of injury, wait to apply CSI 19-343 PRODOXABEN over the top of newly emerged vegetation until it has hardened off, unless your experience indicates that the plant in question will not be injured by the over-the-top application. After application, immediately apply overhead irrigation to the foliage to rinse CSI 19-343 PRODOXABEN from plant surfaces onto soil (wetting the foliage of plants before application can improve the rinsing process).

Table 4. Application Sites and Instructions for CSI 19-343 PRODOXABEN Use on Landscape Ornamental Plantings

Site	Amount to Apply	When to Apply	Application Instructions
Landscape (or Ornamental) Plantings	16-36.7 fl. oz./1,000 sq ft	In fall or spring before weeds germinate or after weeds are removed.	 Apply as an over-the-top, or as a directed spray. Delay applications to newly transplanted ornamentals until soil has settled around transplants. Use the higher amount for longer control. CSI 19-343 PRODOXABEN can be applied more than once per year as long as the total amount of product applied does not exceed 36.7 fl. oz./1000 sq. ft. per year.

Ornamental Plant Sensitivity

CSI 19-343 PRODOXABEN will not likely harm [the] trees, shrubs, vines and flowers [listed]. CSI 19-343 PRODOXABEN can be applied over the top of the listed species. The species that are sensitive to CSI 19-343 PRODOXABEN when grown in containers are indicated.

When plants are under stress (such as heat, drought, or frost damage), some cultivars of [listed] plants may be sensitive to CSI 19-343 PRODOXABEN {Note to reviewer: option to insert table

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found in appendix B} [Insert table from Appendix B]

Table 5. Do not use this product for weed control in the following ornamental plant species:

Scientific Name	Common Name
Ajuga spp.	Bugleweed or ajuga
Brassica spp.	mustard
Echinacea purpurea	purple coneflower
Euonymus alatus 'Compacta'	dwarf burning bush
Euphorbia spp.	spurge
Hydrangea spp.	hydrangea
Iberis spp.	candytuft
Juniperus horizontalis 'Prince of Wales'	Prince of Wales juniper
Melaleuca quinquenervia	cajeput tree
Rhododendron caroliniaum	Carolina rhododendron
Rhododendron catawbiense 'Roseum elegans'	roseum elegans rhododendron
Sedum spp.	stonecrop
Yucca recurvifolia	green yucca

[VEGETATION MANAGEMENT

Product Information

Apply CSI 19-343 PRODOXABEN to soil surfaces for preemergence control of many grass and broadleaf weeds in non-crop areas including landscape ornamentals (does not include container or field grown ornamentals). Or surrounding non-crop areas such as managed rights-of-way for transportation systems and utilities (including roadways, roadsides, railways, and equipment yards) and facilities including substations, tank farms, pumping stations, parking and storage areas, and non-grazed fence rows. The best weed control occurs when the product is activated in the soil by 0.5 inch of irrigation or rainfall before weed seeds germinate and within 14 days after application.

Timing and Method of Application

CSI 19-343 PRODOXABEN is a preemergence herbicide only and will not control emerged grass or broadleaf weeds. It works best when applied to soil that is free of clods, weeds and debris and is activated by at least 0.5 inches of irrigation or rainfall or shallow incorporation to a depth of 1 to 2 inches. Weed control is improved if CSI 19-343 PRODOXABEN is activated in the soil before weed seeds germinate and within 14 days after application. Apply CSI 19-343 PRODOXABEN to

[Bracketed information is optional text]. Text separated by "/" denotes and/or options.

newly-transplanted and established ornamentals as a broadcast or over- the-top spray.

Plant Sensitivity

Direct application of CSI 19-343 PRODOXABEN to rapidly growing tissue or buds can injure desirable plants. In the spring when buds are rapidly growing and expanding, over-the-top application of CSI 19-343 PRODOXABEN can injure new growth of desirable plants, however, these effects are temporary. To reduce the possibility of injury at this time, wait to apply CSI 19-343 PRODOXABEN over the top of newly emerged vegetation until it has hardened off, unless your experience indicates that the ornamental plant will not be injured by the over-the-top application. After application, immediately apply overhead irrigation to the foliage to wash CSI 19-343 PRODOXABEN from plant surfaces onto soil (watering the foliage of plants before application can improve the washing process.

Sensitivity of Ornamental Species – Vegetation Management

CSI 19-343 PRODOXABEN will not likely harm [the] trees, shrubs, vines and flowers [listed]. CSI 19-343 PRODOXABEN can be applied over the top of the listed species.

When plants are under stress (such as heat, drought, or frost damage), some cultivars of [listed] plants may be sensitive to CSI 19-343 PRODOXABEN.

VEGETATION MANAGEMENT – NON-CROP AREAS Product Information

Apply CSI 19-343 PRODOXABEN to soil surfaces for preemergence control of many grass and broadleaf weeds in non-crop areas including ornamentals (does not include container or field grown ornamentals) and established perennials on or surrounding non-crop areas as directed in **Table 6**. The best weed control occurs when the product is activated in the soil by 0.5 inches of irrigation or rainfall before weed seeds germinate and within 14 days after application.

Table 6. Amount of CSI 19-343 PRODOXABEN to Apply to Non-Crop Areas for

Control of Weeds [Listed in [above]table]

	Auglication Date	Timein o	Comments/
Site	Application Rate	Timing	Instructions
Non-crop areas, including ornamentals, on or surrounding managed rights-of-way for transportation, systems and utilities (including roadways, roadsides, railways, and equipment yards); Facilities including substations, tank farms, pumping stations, parking and storage areas, and nongrazed fence rows.	16-36.7 fl. oz./1,000 sq ft Or [rate] mixed with 1 gallon of water to cover 1,000 sq. ft. Use higher rate within the rate range for longer control	Before weed seeds germinate	More than one application per year is permitted, but do not apply more than 36.7 fl. oz./1000 sq. ft. per year. Sequential applications must be separated by a minimum of 60 days.

]

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal or cleaning of equipment. **PESTICIDE STORAGE:** Store in original container in dry area. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling, absorb with sand or other inert material and dispose of absorbent in accordance with the Pesticide Disposal instructions listed below.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Nonrefillable Container: Do not reuse or refill this container. If empty: Offer for recycling, if available or discard in a sanitary landfill. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. If recycling is not available, puncture and dispose of in a sanitary landfill or by incineration or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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

LIMITATION OF WARRANTY AND LIABILITY

Read the entire direction for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risk associated with the 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 the manner of use or application, all of which are beyond the control of Control Solutions, Inc. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Control Solutions, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling

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[Bracketed information is optional text]. Text separated by "/" denotes and/or options.

of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Control Solutions, Inc election, the replacement of product.

[SUB-LABEL B - Concentrate and/or Ready to Spray - intended for consumer use]

CSI 19-343 PRODOXABEN

[Sub-label B ABN's: Complete Prodoxaben RTS, Prodoxaben RTS]

[A SELECTIVE COMBINATION PREEMERGENCE HERBICIDE FOR THE CONTROL OF GRASSY AND BROADLEAF WEEDS IN ESTABLISHED LAWNS AND LANDSCAPE ORNAMENTALS]

ACTIVE INGREDIENTS:	% BY WT
Prodiamine*	1.46%
Isoxaben**	0.97%
OTHER INGREDIENTS:	97.57%
TOTAL:	100.00%
* CAS No. 29091-21-2	

CAS No. 29091-21-2

Contains 0.12 pounds prodiamine per gallon and 0.08 pounds isoxaben per gallon.

KEEP OUT OF REACH OF CHILDREN

Manufactured for:

Control Solutions, Inc. 5903 Genoa Red Bluff Pasadena, TX 77507

EPA Reg. No. 53883-490 EPA Est. No. xxx-xx-xxx

Letter(s) in lot number correspond(s) to superscript in EPA Est. No.

Net Contents: xxxx gal (xxxx L)

^{**} CAS No. 82558-50-7

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Avoid breathing vapor. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Wear long-sleeved shirt and long pants, and shoes plus socks.

ENVIRONMENTAL HAZARDS

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. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

NON-TARGET ORGANISM ADVISORY STATEMENT: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

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 wash water.

Ground Water Advisory: This pesticide has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

This pesticide may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soil and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams and springs will reduce the potential loading of isoxaben from runoff water and sediment.

PHYSICAL AND CHEMICAL HAZARDS

Do not mix or allow coming in contact with Oxidizing agents, Reducing agents and organic solvents. Hazardous Chemical reaction may occur.

DIRECTIONS FOR USE

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

Shake well before using.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.
BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

[Bracketed information is optional text]. Text separated by "/" denotes and/or options.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Application need to be familiar with local wind patterns and terrain that could affect spray drift.

SPRAY DRIFT

Handheld Technology Applications:

• Take precautions to minimize spray drift.

PRODUCT INFORMATION

Formulation and Mode of Action

CSI 19-343 PRODOXABEN is a liquid herbicide containing the active ingredient, prodiamine and isoxaben. The actives control susceptible weeds by preventing growth and development of newly germinated seeds. Each gallon contains 0.20 pounds active ingredient (0.12 pounds prodiamine per gallon plus 0.08 pounds isoxaben per gallon). CSI 19-343 PRODOXABEN is used for preemergent control of grasses and broadleaf weeds. Weed control is most effective when CSI 19-343 PRODOXABEN is activated by at least 0.5 inches of rainfall or irrigation.

Uses and Application

Apply CSI 19-343 PRODOXABEN for selective pre-emergence control of many grass and broadleaf weeds in the following areas:

- Lawns
- Landscape ornamentals
- 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 interorior plantscapes, ornamental gardens or, lawns and turfgrass.

New Plantings, Replanting and Rotational Plantings

Rotate landscape areas treated with CSI 19-343 PRODOXABEN only to ornamental species listed on this label for 1 (one) year following application. In areas disturbed by new plantings or replanting of labeled species, it may be necessary to retreat exposed soil to maintain satisfactory weed control, but do not apply more than 36.7 fl. oz. of product per 1000 sq. ft. per year.

PRODUCT USE RESTRICTIONS

- Do not apply CSI 19-343 PRODOXABEN to plants that will be consumed for food use.
- Do not exceed a dosage of 36.7 fl.oz. active ingredient / 1000 sq. ft (2.5 lb. active ingredient / acre) (1.5 lb. Prodiamine and 1.0 lb. Isoxaben) per year on any use site and do not repeat

NOTE:

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an application sooner than 60 days after a previous application

State Specific Restriction:

Not for sale, use or distribution in the state of New York.

Treatment of Established Lawns, Turf and Landscape Ornamental Plantings or Ornamental Species Not Listed on the Label for CSI 19-343 PRODOXABEN:

Users who wish to use CSI 19-343 PRODOXABEN are limited to non-food, ornamental plant species located strictly in labeled use sites. Although this label contains a large number of ornamental species, it is not possible to include all of the ornamental plants that may be encountered in a landscape setting. On a plant species not listed on this label the user may determine the suitability of such use by treating a small area or number of these plants at a specified rate. Prior to treatment of larger areas, the treated area or plants should be observed for any sign of herbicidal injury during the 30 to 60 days of typical growing conditions.

When used as directed in this label for established lawns, turf and landscape ornamental plantings, CSI 19-343 PRODOXABEN will control or suppress [the] grass and broadleaf weeds [listed] {Note to reviewer: option to insert table from Appendix A} [Insert table from Appendix A]

SPECIFIC USE DIRECTIONS - LAWNS

Product Information

CSI 19-343 PRODOXABEN is a selective preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in lawns.

USE RESTRICTIONS

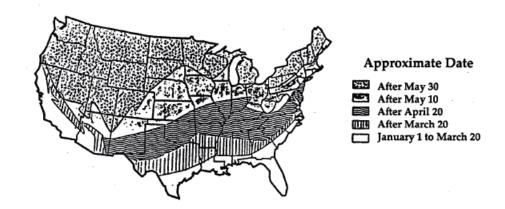
- Do not apply CSI 19-343 PRODOXABEN to areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species.
- Do not apply CSI 19-343 PRODOXABEN to lawns and turf stressed by conditions such as drought, low fertility, or pest damage.

USE PRECAUTIONS

- Disturbing the herbicide barrier with cultural practices such as disking can result in reduced weed control.
- [If the depth of the creeping bentgrass root system becomes shallow and root tips contact prodiamine-treated soil, new root formation can be inhibited. Mowing height can affect the depth of a plants root system. To avoid this do not apply CSI 19-343 PRODOXABEN to creeping bentgrass less than 0.5 inches in height.] {This restriction will only be printed if Creeping Bentgrass is included in the Established Turf chart}

For optimum weed control, activate CSI 19-343 PRODOXABEN with at least 0.5 inches of rainfall or irrigation before weed seeds germinate and within 14 days following application. See the map below for approximate crabgrass seed germination dates.

Crabgrass Seed Germination Dates



MIXING DIRECTIONS

This product mixes readily with water. A pump-up or trigger sprayer may be used. Add the required amount of CSI 19-343 Prodoxaben (see rates tables) to one gallon of water and mix thoroughly. Mix only as much spray as needed for a single treatment. Do not use more than 1 gallon of spray solutions per 1,000 sq. ft. of area.

Do not use kitchen utensils for measuring. Keep measuring utensils with product and away from children.

[OPTIONAL: If Packaged in a Ready-To-Spray Bottle Follow the Directions Below:]

HOW TO USE THE READY-TO-SPRAY SYSTEM:

Shake well before using.

- 1. Connect sprayer to hose. Be sure ON/OFF switch located at hose end is set to "OFF"
- 2. Turn on water.
- 3. Activate switch at sprayer opening to "OPEN" position.

SPRAY:

- 1. To begin spraying, point nozzle in the direction you want to spray.
- 2. Turn ON/OFF switch at hose end counterclockwise to on position.
- 3. Spray evenly.

FINISH:

- 1. To stop spraying, ON/OFF switch clockwise to "OFF".
- 2. Deactivate switch at sprayer opening to "CLOSED" position.
- 3. Turn off water.
- 4. Relieve water pressure by turning ON/OFF switch counterclockwise to on position until water slows to a drip. Then, turn same ON/OFF switch back to "OFF".
- 5. Disconnect sprayer from hose.

NOTE

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[Bracketed information is optional text]. Text separated by "/" denotes and/or options.

NOTICE: To the extent consistent with applicable law, buyer assumes all responsibility for safety and use not in accordance with directions.

[Length of Crabgrass Control With CSI 19-343 PRODOXABEN

Note: Length of control varies by region. This is an average:

- 9.2 fl. oz. per 1,000 sq.ft. up to 3 months control of crabgrass.
- 13.8 fl. oz. per 1,000 sq.ft up to 4 months control of crabgrass.
- 18.4 fl. oz. per 1,000 sq.ft up to 6 months control of crabgrass.
- 23.8 fl. oz. per 1,000 sq.ft. up to 8 months control of crabgrass.]

{the below is optional text and chart for single rate application}

[Length of Crabgrass Control with CSI 19-343 PRODOXABEN

Note: Length of control varies by region. This is an average: [rate] oz. per 1,000 sq. ft. controls up to [number of months] months of crabgrass control.]

ESTABLISHED TURF

[Turf Species¹

{Note to reviewer: any single fl. oz. (ex: 16 fl. oz.) within the below range may be used at time of

printing}

Turf Species fl. Oz. Product Coverage			
Turi Species	II. OZ. PIOUUCI	Coverage	
Bermudagrass ²	15.9-36.6	1,000 sq ft	
Bahiagrass			
Centipedegrass			
Kikuyugrass			
Seashore Paspalum			
St. Augustinegrass			
Tall Fescue (including turf-type)			
Zoysiagrass			
Buffalograss	7.5-22	1,000 sq ft	
Kentucky Bluegrass		•	
Perennial Ryegrass			
Fine Fescue	7.5-18.3	1,000 sq ft	
[Creeping Bentgrass (0.5 inch or more in height³)	7.5-16.0	1,000 sq ft]	

¹CSI 19-343 PRODOXABEN can be applied more than once per year as long as the total amount applied is not greater than 36.7 fl. oz./1,000 sq. ft. All applications must be made before weed seeds germinate.

²CSI 19-343 PRODOXABEN can be used on newly sprigged or plugged bermudagrass at rates not to exceed 12.8 fl. oz./1,000 sq. ft. Newly sprigged or plugged bermudagrass stolon rooting can be temporarily inhibited.

^{[&}lt;sup>3</sup> To avoid grass injury, do not apply CSI 19-343 PRODOXABEN to creeping bentgrass mowed at less than 0.5 inch in height.] {This restriction will only be printed if Creeping Bentgrass is included in the Established Turf chart}]

When to Apply CSI 19-343 PRODOXABEN after Overseeding Lawns and Turf

Injury to desirable seedlings is likely if CSI 19-343 PRODOXABEN is applied before the secondary roots of seedlings are in the second inch of soil, not thatch plus soil. To reduce the potential to injure overseeded lawns and turf, wait 60 days after seeding or until after the second mowing, whichever is longer, before applying CSI 19-343 PRODOXABEN.

When to Overseed After Application - All States

CSI 19-343 PRODOXABEN will inhibit the development of lawns and turfgrass species overseeded too soon after application.

In AZ, CA, NV, and TX the overseeding interval can be shorter in established bermudagrass that has been overseeded with perennial ryegrass. See the next section for additional information.

Poa Annua Control in Established Bermudagrass Overseeded with Perennial Ryegrass (AZ, CA, NV, and TX only): Use on lawns when overseeding with perennial rye grass. (Minimum seeding rate of 8 lbs./1,000 sq. ft.).

[Table 1. Bermudagrass Overseeded with Perennial Ryegrass

When to Apply	Expected		
	Control	Use Precautions	Use Restrictions
6-8 weeks before ryegrass overseeding Second application: 4-8 weeks after overseeding or when perennial ryegrass roots are in the second inch of soil	1 application for 70% or greater control of <i>Poa annua</i> Second application can enhance control	Some seedling mortality and temporary reduction in root growth of new seedlings can occur. To reduce the potential for seedling mortality, maintain a moist seedbed with light, frequent irrigation.	Make no more than 2 applications per year for this use, and do not exceed a total of 20.2 fl. oz./1000 sq. ft. per year. Do not make a second application if any injury to the ryegrass is observed after the first application. Do not make a second application unless the product was first applied before overseeding.

Bold, italicized text is information for the reader and is not part of the label.

[Bracketed information is optional text]. Text separated by "/" denotes and/or options.

LANDSCAPE ORNAMENTAL PLANTINGS

Product Information

Apply CSI 19-343 PRODOXABEN to soil surfaces for preemergence and limited post- emergence control of many grass and broadleaf weeds around ornamental shrubs and trees, established perennial vegetation and wildflower plantings.

USE RESTRICTIONS

- Only apply to established plantings.
- Do not apply to ground covers until they are established and well rooted
- Do not apply to bedding plants or areas where bedding plants will be planted or transplanted within one year after application.
- Do not apply CSI 19-343 PRODOXABEN to plants inside enclosed structures.
- Do not cover plants treated with CSI 19-343 PRODOXABEN until 21 days have passed after application.
- Do not apply CSI 19-343 PRODOXABEN to newly transplanted ornamentals, or ornamental bulbs. Delay application until soil has settled and roots have formed.
- Do not apply after emergence of ornamental bulbs.

USE PRECAUTIONS

- Disturbing the herbicide barrier with cultural practices such as disturbing containers, removal of emerged weeds, disking, harrowing, and deep raking can result in reduced weed control.
- Applications of CSI 19-343 PRODOXABEN over the top of plants with newly forming buds may cause injury. Possible plant injury may be avoided by application as a directed spray to the soil surface beneath ornamental plants.

Timing and Method of Application

CSI 19-343 PRODOXABEN is primarily a preemergence herbicide and will not control most grass or broadleaf weeds post-germination. It works best when applied to soil that is free of clods, weeds and debris and is activated by at least 0.5 inches of irrigation or rainfall or shallow incorporation to a depth of 1 to 2 inches. Weed control is improved if CSI 19-343 PRODOXABEN is activated in the soil before weed seeds germinate and within 14 days after application. Apply CSI 19-343 PRODOXABEN to newly-transplanted and established ornamentals as an over-the-top spray.

Post-Emergence Control of Yellow Woodsorrel (Oxalis) and Bittercress:

CSI 19-343 PRODOXABEN will control or suppress Hairy Bittercress, *Cardamine hirsuta*, and Yellow Woodsorrel, *Oxalis stricta*, seedlings from germination up through the 1st true leaf stage. Post emergent seedling mortality reaches its maximum over a period of 7-28 days depending on local conditions. Warmer conditions typically result in faster results.

Plant Sensitivity

Direct application of CSI 19-343 PRODOXABEN to rapidly growing tissue or buds can injure plants. In the spring when buds are rapidly growing and expanding, over-the-top application of CSI 19-343 PRODOXABEN can injure new growth. However, these effects are temporary. To reduce the possibility of injury, wait to apply CSI 19-343 PRODOXABEN over the top of newly emerged vegetation until it has hardened off, unless your experience indicates that the plant in question will not be injured by the over-the-top application. After application, immediately apply overhead irrigation to the foliage to rinse CSI 19-343 PRODOXABEN from plant surfaces onto soil (wetting the foliage of plants before application can improve the rinsing process).

[Bracketed information is optional text]. Text separated by "/" denotes and/or options.

Table 2. Landscape Ornamental Plantings

{Note to reviewer: any single fl. oz. (ex: 16 fl. oz.) within the below range may be used at time of

printing}

Site	Amount to Apply	When to Apply	Application Instructions
Landscape (or Ornamental) Plantings	16-36.7 fl. oz. covers 1,000 sq ft Use the higher rate within the rate range for longer control.	In fall or spring before weeds germinate or after weeds are removed.	 Apply as an over-the-top, or as a directed spray. Delay applications to newly transplanted ornamentals until soil has settled around transplants. CSI 19-343 PRODOXABEN can be applied more than once per year as long as the total amount of product applied does not exceed 36.7 fl. oz./1000 sq. ft. per year.

Ornamental Plant Sensitivity

CSI 19-343 PRODOXABEN will not likely harm the trees, shrubs, vines and flowers listed. CSI 19-343 PRODOXABEN can be applied over the top of the listed species. The species that are sensitive to CSI 19-343 PRODOXABEN when grown in containers are indicated.

When plants are under stress (such as heat, drought, or frost damage), some cultivars of listed plants may be sensitive to CSI 19-343 PRODOXABEN *{Note: insert table found in appendix B}*

[Bracketed information is optional text]. Text separated by "/" denotes and/or options.

Table 3. Do not use this product for weed control in the following ornamental plant species:

Scientific Name	Common Name
Ajuga spp.	Bugleweed or ajuga
Brassica spp.	mustard
Echinacea purpurea	purple coneflower
Euonymus alatus 'Compacta'	dwarf burning bush
Euphorbia spp.	spurge
Hydrangea spp.	hydrangea
Iberis spp.	candytuft
Juniperus horizontalis 'Prince of Wales'	Prince of Wales juniper
Melaleuca quinquenervia	cajeput tree
Rhododendron caroliniaum	Carolina rhododendron
Rhododendron catawbiense 'Roseum elegans'	roseum elegans rhododendron
Sedum spp.	stonecrop
Yucca recurvifolia]	green yucca

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal or cleaning of equipment. **PESTICIDE STORAGE:** Store in original container in dry area. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling, absorb with sand or other inert material and dispose of absorbent in accordance with the Pesticide Disposal instructions listed below.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Nonrefillable Container: Do not reuse or refill this container. If empty: Offer for recycling, if available or discard in a sanitary landfill. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

[For bulk shipment containers greater than 5 gallons (not for retail sale): Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat the procedure two more times. Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire direction for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risk associated with the 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 the manner of use or application, all of which are beyond the control of Control Solutions, Inc. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Control Solutions, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

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[Bracketed information is optional text]. Text separated by "/" denotes and/or options.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Control Solutions, Inc election, the replacement of product.

Optional Marketing Claims:

- 1 pint covers 1000 sq. ft.
- [1 pint] Treats 8 averaged sized* landscape beds *25ft x 5 ft.
- 1 quart covers 2000 sq. ft.
- [1 quart] Treats 16 averaged sized* landscape beds *25ft x 5 ft.
- Attach to Hose [and] [&] Spray
- Controls both grassy and broadleaf listed weeds
- Stop listed weeds before they start (for beautiful garden all season long)
- Stops listed weeds before they start
- Stops listed weeds before they start growing
- Stops listed weeds from growing all season long
- Protects all season long
- A Selective Preemergent Herbicide that Provides control of Crabgrass and other listed Weeds in Established Lawns and Ornamental Turfgrass and Residential Landscapes.
- Controls crabgrass and many other listed annual grasses and broadleaf weeds
- Season-long crabgrass control
- Prevents crabgrass
- Prevents crabgrass and listed annual weeds and grasses
- Apply late summer and early fall to control LISTED winter weeds
- Apply Early Spring [prior to crabgrass germination]
- Apply Late Winter/Early Spring or Fall [Prior to Weed Germination]
- First [1st] Application Apply Early Spring
- Apply Early Spring
- Apply Early Spring or Fall to get control of weeds listed on this label other than Crabgrass
- Apply Prior to Germination
- · Apply in [early] spring before weeds start growing
- Prevents weeds* from germinating
- Stops weeds* before they grow
- Prevents weeds* for [3] [4] [three] [four] months
- [Product Name] with weed growth inhibitor
- Easy To Apply
- Great over mulch
- No need to move mulch to apply
- Does not need to be mixed into mulch
- Easy to apply over existing mulched garden beds
- Prevents new listed weeds from growing
- Won't harm landscape plants* *listed
- Prevents weeds* up to [three] [four] months
- Spray around listed flowers, trees, shrubs
- Spray around listed flowers, trees and shrubs
- Apply Spring, Summer or Fall

NOTE:

Bold, italicized text is information for the reader and is not part of the label.

[Bracketed information is optional text]. Text separated by "/" denotes and/or options.

- Prodoxaben creates a barrier that prevents crabgrass from germinating
- Prodoxaben creates a barrier that keeps crabgrass from germinating for up to 4-8 months
- [Product Name] creates a [weed] barrier that prevents weeds* when they are seeds
- [Product Name] creates a barrier that prevents weeds* from germinating for up to 4 months
- STOPS WEEDS* before they start!
 - *See Use Directions for specific weeds controlled or suppressed
- Prevents Crabgrass for up to 8 months
- Stops listed weeds from germinating in flower and ornamental beds and gardens
- Prevents new weeds* from sprouting
- May be applied in fall and again in Sping
- Works to create a barrier that inhibits weed seed growth
- Controls [weed(s)]
- Prevents [weed(s)]Controls Sandburs
- Prevents Sandburs
- Concentrate or Ready-To-Spray
- Concentrate
- Ready-To-Spray

{Note to reviewer: Non-misleading graphics depicting subregistrant company logos, use sites, listed pests and icons may be represented in Final Printed Labeling}

{Note to reviewer: Appendix A & B weed list are optional for both sub label A & B} Appendix A

Weeds controlled by CSI 19-343 PRODOXABEN [in Established Turf and Landscape Ornamental Plantings]

Prnamental Plantings]		
Common Name	Scientific Name	
American Burnweed	Erechtites hieraciifolia	
Annual Bursage	Ambrosia acanthicarpa	
Annual Sowthistle	Sonchus oleraceus	
Black Medic	Medicago lupulina	
Black Mustard	Brassica nigra	
Black Nightshade	Solanum nigrum	
Blackleaved Fleabane	Conyza bonariensis	
Bracted Plaintain	Plantago aristata	
Bristly Oxtongue	Picris echioides	
Broadleaf Plantain	Plantago major	
Buckhorn Plantain	Plantago lanceolata	
Burning Nettle	Urtica urens	
Burningbush	Kochia scoparia	
Burningbush	Bassia scoparia	
Buttercup Oxalis	Oxalis pes-caprae	
California Burclover	Medicago polymorpha	
Chamberbitter	Phyllanthus urinaria	
Canadian Horseweed	Conyza canadensis	
Carolina Geranium	Geranium carolinianum	
Carpetweed	Mollugo verticillata	
Coast Fiddleneck	Amsinckia menziesii var. intermedia	
Common Chickweed	Stellaria media	
Common Groundsel	Senecio vulgaris	
Common Lambsquarters	Chenopodium album	
Common Mallow	Malva neglecta	
Common Pokeweed	Phytolacca americana	
Common Purslane	Portulaca oleracea	
Common Ragweed	Ambrosia artemisiifolia	
Common Vetch	Vicia sativa	
Creeping Woodsorrel	Oxalis corniculata	

Dandelion Taraxacum officinale Dogfennel Eupatorium capillifolium Dwarf Fleabane Conyza ramosissima False Daisy Eclipta prostrata Field Bindweed Convolvulus arvensis Field Burweed Soliva sessilis Field Sandbur Cenchrus spinifex Cav. Florida Betony Florida Pusley Richardia scabra Florida Tasselflower Fringed Redmaids Green Tansymustard Hairy Galinsoga Hairy Galinsoga Heath Aster Honeyvine Milkweed Ivyleaf Morning-Glory Jimsonweed Knotweed Polygonum spp. Ladysthumb Lanceleaf Groundcherry Little Western Bittercress Marsh Parsley Mexican Fireplant Mousear Chickweed Nettle-Leaved Goosefoot Polygonum pensivanium Pennsylvania Smartweed Polygonum pensylvanicum Persian Speedwell Veronica persica	Curly Dock	Rumex crispus
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Mousear Chickweed Cerastium fontamum spp. vulgare Mousear Chickweed Cerastium vulgatum Nettle-Leaved Goosefoot Chenopodium murale Northern Willowherb Epilobium ciliatum Panicle Willoweed Epilobium brachycarpum Pennsylvania Smartweed Polygonum pensylvanicum Hydrocotyle spp.	Marsh Parsley	Cyclospermum leptophyllum
Mousear Chickweed Cerastium vulgatum Nettle-Leaved Goosefoot Northern Willowherb Epilobium ciliatum Panicle Willoweed Epilobium brachycarpum Pennsylvania Smartweed Polygonum pensylvanicum Hydrocotyle spp.	Mexican Fireplant	Poinsettia heterophylla
Nettle-Leaved Goosefoot Chenopodium murale Northern Willowherb Epilobium ciliatum Panicle Willoweed Epilobium brachycarpum Pennsylvania Smartweed Polygonum pensylvanicum Hydrocotyle spp.	Mousear Chickweed	Cerastium fontamum spp. vulgare
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Panicle Willoweed Epilobium brachycarpum Pennsylvania Smartweed Polygonum pensylvanicum Pennywort Hydrocotyle spp.	Nettle-Leaved Goosefoot	Chenopodium murale
Pennsylvania Smartweed Polygonum pensylvanicum Pennywort Hydrocotyle spp.		·
Pennywort Hydrocotyle spp.	Panicle Willoweed	
	Pennsylvania Smartweed	Polygonum pensylvanicum
Persian Speedwell Veronica persica		Hydrocotyle spp.
	Persian Speedwell	Veronica persica

Petty Spurge	Euphorbia peplus
Pigweed	Amaranthus spp.
Pillpod sandmat	Chamaesyce hirta
Pineappleweed	Matricaria discoidea
Prickly Sida	Sida spinosa
Prostrate Knotweed	Polygonum aviculare
Prostrate Spurge	Chamaesyce humistrata
Purple Cudweed	Gnaphalium purpureum
Purslane Speedwell	Veronica peregrina
Rattail Fescue	Vulpia myuros
Redroot Pigweed	Amaranthus retroflexus
Redstem Filaree	Erodium cicutarium
Russian Thistle	Salsola tragus
Santa Maria Feverfew	Parthenium hysterophorus
Scarlet Pimpernel	Anagallis arvensis
Shepherdspurse	Capsella bursa-pastoris
Silversheath Knotweed	Polygonum argyrocoleon
Slender Aster	Symphyotrichum divaricatum
Slender Plantain	Plantago heterophylla
Southern Waterbuttons	Cotula australis
Spanish needles	Bidens alba
Spiny Sowthistle	Sonchus asper
Spotted Spurge	Chamaesyce maculata
Spotted Spurge	Euphorbia maculata
Stinking Chamomile	Anthemis cotula
Sunflower	Helianthus spp.
Swinecress	Coronopus didymus
Tall Morning-Glory	Ipomoea purpurea
Telegraphplant	Heterotheca grandiflora
Thistle Musk	Carduus nutans
Thymeleaf Speedwell	Veronica serpyllifolia
Turkey Mullein	Croton setigerus
Venice Mallow	Hibiscus trionum
Virginia Pepperweed	Lepidium virginicum
Virginia Winged Rockcress	Sibara virginica
White Clover	Trifolium repens
White Eclipta	Eclipta alba
Whitestem Filaree	Erodium moschatum

Wild Carrot Daucus carota Wild Mustard Sinapis arvensis Wild Radish Raphanus raphanistrum Melilotus officinalis Yellow Sweetclover Poa annua **Annual Bluegrass** Baldwin's Flatsedge Cyperus croceus Barnyardgrass Echinochloa crus-galli Broadleaf Signalgrass Brachiaria platyphylla **Browntop Panicum** Panicum fasciculatum Crowfootgrass Dactyloctenum aegypticum Fall Panicum Panicum dichotomiflorum Giant Foxtail Setaria faberi Eleusine indica Goosegrass¹ Green Foxtail Setaria viridis Rottboellia cochinchinensis Itchgrass Japanese Stiltgrass Microstegium viminium Jungle Rice Echinochloa colonum Large Crabgrass Digitaria sanguinalis Lovegrass Eragrostis spp. Nakedstem Dewflower Murdannia nudiflora Red Sorrell Rumex acetosella Rescuegrass Bromus catharticus Rice Flatsedge Cyperus iria **Smooth Crabgrass** Digitaria ischaemum Sprangletop Leptochloa spp. Texas Panicum Panicum texanum Wandering Jew[†] Tradescantia zebrina Witchgrass Panicum capillare Woolly Cupgrass Eriochloa villosa Yellow Foxtail Setaria lutescens

[†] Not for use in California

¹ In many areas a single application of 16-36.7 fl. oz./1000 sq. ft. of CSI 19-343 PRODOXABEN will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, weed control will be most effective by making an initial application of 16-18.4 fl. oz./1000 sq. ft. followed by a second application 60-90 days later.

APPENDIX B
THE PLANTS LISTED IN THIS TABLE ARE NOT LIKELY TO BE INJURED BY CSI 19-343
PRODOXABEN

Scientific name	Common name
Abelia grandiflora	Edward Goucher Glossy Abelia
Abelia grandiflora	Glossy Abelia
Abelia grandiflora†	Abelia: Sherwood
Abies balsamea	Balsam Fir
Abies concolor	White / Concolor Fir
Abies spp.	Fir species** (Balsam, Fraser, Noble, etc.)
Abutilon hybridum	Flowering Maple
Acacia abyssinica	Abyssinica Acacia
Acacia redolens	Prostrate Acacia
Acacia stenophyll	Shoestring Acacia
Acalypha wilkesiana	Copper Plant
Acer ginnala	Amur Maple
Acer ginnala	Flame Maple
Acer palmatum	Japanese Maple
Acer palmatum	Coral Bark Japanese Maple
Acer palmatum	Dwarf Japanese Maple
Acer platanoides	Norway Maple
Acer saccharinum	Silver Maple
Achillea filipendulina	Moonshine /fern-leaf yarrow
Achillea millefolium	Common Yarrow
Achillea millefolium	Paprika Yarrow
Achillea millefolium	Achillea 'Saucy Seduction'
Achillea spp	Yarrow
Achillea spp.†	Yarrow: King Edward
Achillea tomentosa	Wooly Yarrow
Acoelorrhaphe wrightii	Everglades Palm
Actinidia chinensis*	Kiwi*
Adonidia merrilli	Christmas Palm
Agapanthus africanus	Lily-of-the-Nile (African Lily)
Agapanthus africanus	Queen Anne Lily of the Nile
Agapanthus orientalis†	
Agave americana	Century Plant
Akebia quintata†	Five-Leaf or Chocolate Vine
Albizia julibrissin	Mimosa; Silk Tree

Allium cernuum†	Lady's Leek, Nodding Onion
Alsophils australis	Australian Tree Fern
Amelanchier alnifolia	Saskatoon Serviceberry
Andromeda polifolia	Bog Rosemary
Anemone hybrida†	Japanese Anemone
Anisodonte hypomandarum	Cape Mallow
Aptenia cordifolia	Red Apple Aptenia
Aquilegia	Dragon Fly Columbine
Aquilegia	Red & Gold Columbine
Aquilegia spp. †	Columbine
Araucaria heterophylla	Norfolk Island Pine
Archontophoenix cunninghamiana	King Palm
Arctostaphlos densiflora	Vine Hill Manzanita
Arctostaphlos uva-ursi	Bearberry
Arctotheca calendula	Cape Weed
Ardisia japonica	Chirimen Marlberry
Argyranthemum frutescens	Butterfly Argyranthemum
Armeria maritima	Bloodstone Sea Thrift
Artemesia lactiflora	White Mugwort
Artemisia spp	Silver Mound Wormwood
Artemisia spp. †	Wormwood; Silver Mound, Castle
Asparagus	
Asparagus densiflorus	Foxtail Fern
Asparagus retrofractus	Ming Asparagus Fern
Asparagus variegata	
Aspidistra elatior	Cast Iron Plant
Aster	Bonny Blue Aster
Aster	Purple Dome Aster
Aster	Aster
Aster novae-angliae	New England Aster
Aster novi-belgii	New York Aster
Aster novi-belgii	Persian Rose Dwarf Aster
Aster spp. †	Aster: Bonny Blue, Purple Dome
Athyrium filix-femina†	Lady Fern
Athyrium nipponimcum	Japanese Painted Fern
Aucuba japonica	Japanese Aucuba
Aucuba japonica	Goldstrike Aucuba, Goldstrike Japanese Laurel
Baccharis pulularis	Coyotebush
Bauhinia galpinii	Red Bauhinia
Begonia semperflorens	Ambassador White Begonia
Begonia spp	Fibrous Begonia

Begonia spp. †	Fibrous Begonia: Hardy Grandis
Berberis gladwynensii	William Penn Barberry
Berberis gladwynensis	Barberry
Berberis julianae	Wintergreen Barberry
Berberis mentorensis	Mentor Barberry
Berberis thunbergii	Japanese Barberry
Berberis thunbergii	Japanese Barberry 'Concord'
Berberis thunbergii	Crimson Pygmy Barberry
Berberis thunbergii	Golden Japanese Barberry
Berberis thunbergii	Rosy Glow Barberry
Berberis thunbergii	Redleaf Japanese Barberry
Berberis thunbergii	Cherry Bomb Barberry
Berberis verruculosa	Warty Barberry
Bergenia cordifolia	Heartleaf Bergenia
Bergenia cordifolia†	
Betula nigra	River Birch
Betula papyrifera	Paper Birch
Betula pendula	European White Birch
Bidens ferulifolia	Peters Gold Bidens
Boltonia asteroides†	Snowbank
Bougainvillea spp	Barbara Karst Bougainvillea
Bougainvillea spp	California Gold Bougainvillea
Bougainvillea spp	Pink Pixie Bougainvillea
Bougainvillea spp	Scarlet Ohara Bougainvillea
Bougainvillea spp	Temple Fire Bougainvillea
Bougainvillea spp	Texas Dawn Bougainvillea
Bougainvillea spp	Purple Queen Bougainvillea
Bougainvillea spp	Rosenka Bougainvillea
Bougainvillea spp. †	Bougainvillea
Brachychiton populneus	Bottle Tree
Brachycome	Swan River daisy-New amethyst
Bucida buceras	Black Olive
Buddleia davidii	Butterfly Bush
Buddleia davidii†	Butterfly-Bush 'Royal Red'
Butia odorata	Pindo Palm
Buxus 'Green Velvet'	Boxwood 'Green Velvet'
Buxus microphylla	Japanese Boxwood
Buxus microphylla	Green Beauty Boxwood
Buxus microphylla	Japanese Littleleaf Boxwood
Buxus microphylla	Korean Boxwood
Buxus sempervirens	Common Boxwood

Callistemon citrinus	Lemon Bottlebrush
Callistemon citrinus	Little John Bottlebrush
Callistemon citrinus†	Crimson Bottlebrush
Callistemon viminalis	Weeping Bottlebrush
Callistepheus cinensis	China Aster
Calluna vulgaris	Scotch Heather
Calluna vulgaris	Spring Torch Scotch Heather
Camellia japonica	Japanese Camellia
Campanula carpatica	Bellflower; Tussock flower
Campanula carpatica†	Tussock Bellflower; (White Clips)
Campis X tagliabuana†	Trumpet Creeper, Trumpet flower; Madame Galen
Carex	Variegated Carex
Carex albula	Frosty Curls Sedge
Carpobrotus edulis	Hottentot Fig (Ice Plant)
Carpobrotus edulis	Largeleaf Ice Plant
Caryopteris clandonensis	Blue Mist Bluebeard
Caryopteris clandonensis	Dark Knight Bluebeard
Cassia artemisioides	Feathery Cassia
Cassia eremophila	Senna
Catharanthus roseus	Madagascar Periwinkle
Ceanothus rigidus	Wild Lilac
Ceanothus spp	Wild Lilac
Ceanothus x pallidus	Lilac 'Marie Bleu'
Cephalotaxus harringtonia	Japanese Plum Yew
Cerastium tomentosum	Snow in Summer
Ceratonia siliqua	Carob
Ceratostigma plumbaginoides†	
Ceratostigma willmottianum	Chinese Plumbago
Cercis canadensis	Redbud
Chaenomeles japonica	Orange Flowering Quince
Chamaecyparis obtusa	Kosteri Cypress
Chamaecyparis obtusa	Dwarf Hinoki Cypress
Chamaecyparis obtusa	Torulosa Cypress
Chamaecyparis obtusa	Fernspray Falsecypress
Chamaecyparis obtusa	Slender Hinoki False Cypress
Chamaecyparis pisifera	False Cypress
Chamaecyparis pisifera	Squarrosa Minima False Cypress
Chamaecyparis pisifera	Threadleaf False Cypress
Chamaecyparis pisifera	Sawara False Cypress
Chamaecyparis pisifera	Moss Falsecypress
Chamaedorea cataractarum	Cat Palm

Chamaedorea costaricana	Costa Rican Chamaedorea Palm
Chamaedorea elegans	Parlor Palm
Chamaerops humilis	European Fan Palm, Mediterranean Fan Palm
Chasmanthium latifloium	Northern Sea Oats
Chrysanthemum maximum	Shasa Daisy
Chrysanthemum spp	Chrysanthemum
Citrus spp.*	Citrus species*
Clethra alnifolia	Summersweet
Cleyera japonica	Cleyera, Japanese Cleyera
Clivia miniata	Kafir Lily
Colonema pulchrum	Pink Breath of Heaven
Convolulus cneorum	Bush Morning Glory
Convolulus mauritanicus	Ground Morning Glory
Cordyline indivisa	Blue Dracaena
Coreopsis	Early Sunrise Coreopsis
Coreopsis grandiflora	Coreopsis
Coreopsis spp. †	Coreopsis (Calliopsis): Early Sunrise, Moonbeam
Coreopsis verticillata	Coreopsis
Cornus florida	Cloud Nine Dogwood
Cornus florida	Flowering Dogwood
Cornus kousa	Kousa Dogwood
Cornus alba	Siberian Dogwood
Cornus sericea	Red Osier Dogwood
Cornus sericea	Yellowtwig Dogwood
Cornus stolonifera	American Dogwood
Cortaderia selloana	Pampas Grass
Corylus americanus	Harry Lauder's Walking Stick
Cotinus coggygria	Royal Purple Smoke Tree
Cotinus dammeri	Coral Beauty Smoke Tree
Cotinus dammeri	Eichholz Smoke Tree
Cotoneaster adpressus	Early Cotoneaster
Cotoneaster apiculatus	Cranberry Cotoneaster
Cotoneaster buxifolius	Box Leafed Cotoneaster
Cotoneaster congestus	Pyrenees Cotoneaster
Cotoneaster dammeri	Bearberry Cotoneaster
Cotoneaster himalayan	Himalayan Cotoneaster
Cotoneaster horizontalis	Rock Cotoneaster
Cotoneaster microphyllus	Rockspray Cotoneaster
Crataegus Species	Hawthorns
Crataegus viridis	Green Hawthorn
Crocosmia spp. †	Lucifer

Cryptomeria japonica	Japanese Cryptomeria
Cupaniopsis anacardioides	Carrot Wood
Cuphea hyssopifolia	False or Mexican Heather
Cupressocyparis leylandii	Emerald Isle Leyland Cypress
Cupressocyparis leylandii	Naylor's Blue Leyland Cypress
Cupressus arizonicus	Arizona Cypress
Cupressus arizonicus	Blue Pyramid Arizona Cypress
Cupressus sempervirens	Italian Cypress
Cupressus sempervirens	Glauca Italian Cypress
Cycas revoluta	Sago Palm
Cyperus albostriatus	Dwarf Umbrella Grass
Cyrtomium fortunei	Holly Fern
Cytisus praecox	Hollandia-Warminister Broom
Cytisus scoparius	Scotch Broom
Cytisus spp	Holandia Scotch Broom
Cytisus spp	Allgold Scotch Broom
Dahlia	Dwarf Dahlia Wendy Pink
Dahlia hybrid	Dwarf Dahlia
Dalea greggii	Trailing Indigo Bush
Daphne cneorum	Rose Daphne
Daphne odora	Fragrant Daphne
Delosperma alba	White Trailing Ice Plant
Delosperma cooperi	Ice Plant
Delosperma cooperi	Cooperi Pink
Delosperma nubigenum	Hardy Ice Plant
Delphinium spp.†	Larkspur; Blue Elf
Descampsia caespitosa	descampsia
Deutzia crenata	Nakiana-Dwarf Deutzia
Deutzia gracilis	Slender Gracilis
Dianthus deltoides	Zing Maiden Pinks
Dianthus gratianopolitanus	Firewitch Cheddar Pink
Dianthus gratianopolitanus	Crimson treasure Cheddar Pink
Dianthus gratianopolitanus†	Cheddar Pink
Dianthus plumaris	Cottage Pink
Dietes vegeta	Fortnight Lily
Dodona viscosa	Hopseed Bush
Drosanthemum floribundum	Trailing rosea iceplant
Drosanthemum hispidum	Ice Plant
Dryopteris australis	Dixie Wood Fern
Dryopteris erythrosora	Autumn Fern
Dryopteris marginalis	Marginal Wood Fern

Dymondia margaritae	Diamond Marguerite
Dypsis lutescens	Areca Palm
Elaeagnus ebbengei	Gild Edge Elaeagnus
Elaeagnus pungens	Silverberry
Elaeagnus pungens	Fruitland Silver-Berry
Enkianthus companulatus	Red Veined Enkianthus
Ensete ventricosum	Absynnian Banana
Equsetum scirpoides	Dwarf Horsetail
Erianthus ravennae	Hardy Pampasgrass
Erica cinerea	Purple Bell Heather
Erica darleyensana	Mediterranean Pink Heather
Erica vagans	Cornish Heather
Erigeron speciosum	Darkest of Al Fleabane
Escalonia spp	escallonia
Eucalyptus camaldulensis	Red Gum Eucalyptus
Eucalyptus cinerea	Silver Dollar Eucalyptus
Eucalyptus microtheca	Coolibah Tree
Eucalyptus sideroxylon	Red ironbark Eucalyptus
Eugenia myritifolia	Teenie Genie Brushcherry
Eugenia myritifolia	Dwarf Brush Cherry
Euonymus kiatschovicus	Mahattan Euonymus
Euonymus fortunei	Wintercreeper 'Blondy'
Euonymus fortunei	Wintercreeper
Euonymus fortunei	Canadale Gold Euonymus
Euonymus fortunei	Emerald & Gold Euonymus
Euonymus fortunei	Sunspot Euonymus
Euonymus forunei vegetus	Bigleaf Wintercreeper
Euonymus japonica	Japanese Spindle Tree (Evergreen Euonymus) "gold spot"
Euonymus japonica	Japanese Spindle Tree
Euonymus japonicus	Silver King Euonymus
Euonymus japonicus	Chollipo Euonymus
Euonymus japonicus	Gold Spot Euonymus
Euonymus japonicus	Silver Princess Euonymus
Euonymus japonicus	Variegated Euonymus
Euonymus kiatschovicus	Spreading Euonymus
Euryops pectinatus	Dwarf Euryops
Eustoma grandiflorum	Pink lisianthus
Evolvulus nuttallianus	Blue Daze Evolvulus
Fagus sylvatica	European Beach
Fatshedra japonica	Japanese Aralia

Fatsia japonica	Japanese Aralia
Felicia amelloides	Blue Marguerite
Festuca ovina	Blue Fescue
Ficus benjamina	Indian Laurel Fig
Ficus benjamina	Mini Indian Laurel Fig
Forshthia intermedia	Border Forsythia
Forsythia	Spring Glory Forsythia
Forsythia suspensa†	Weeping Forsythia
Forsythia viridissima	Greenstem Forsythia
Fraxinus udhei	Shamel Ash
Fuchsia	Santa Clause Fuchsia
Gardenia jasminoides	Gardenia, Cape-Jasmine
Gardenia jasminoides	Gardenia 'Mystery'
Gardenia jasminoides	August Beauty Gardenia
Gardenia jasminoides	Miniature Gardenia
Gardenia radicans	Dwarf Gardenia
Gaultheria procumbens	Wintergreen
Gaultheria shallon	Salal/Lemon Leaf
Gaura spp. †	Guara
Gazania spp	Gazania
Gelsemium sempervirens	Carolina jessamine
Genista pilosa	Woadwaxen
Gentiana dahurica†	Gentian
Geranium cinereum†	Cranesbill
Geranium cinerium	Ballerina Cranesbill
Geranium sanquineum	Bloody Cranesbill
Geranium subcaulescens	Black Eyed Magenta Cranesbill
Geum quellyon	Geum
Geum spp	avens
Ginko biloba	Ginko
Gleditsia triacanthos	Thornless Honey Locust
Gleditsia triacanthos	Shademaster Honeylocust
Gypsophila paniculata	Babys Breath
Gypsophila repens†	Baby's Breath
Hakonechloa macroaureolo	Golden hakonechloa
Hamamelis virginia	Common Witch Hazel
Hamelia patens	Firebush
Hardenbergia violacea	Lilac Vine
Hebe buxifolia	Boxleaf hebe
Hedera canariensis	Algerian Ivy
Hedera helix	English Ivy

Helianthemum spp.†	Sunrose
Helichrysum petiolare	White Licorice helichrysum
Heliotropium fragrans	Common Heliotrope
Hemerocallis spp	Daylily
Hemerocallis spp	Aztec Gold Daylily
Hemerocallis spp	Stella De Oro Daylily
Hemerocallis spp	Tender Love Daylily
Hemerocallis spp.†	Daylily: Aztec Gold, Stella De Oro, Tender Love, Min Pearl
Hesperalo parvifolia	Red Yucca
Heteromeles arbutiflora	Toyon
Heucherella spp	Coral Bell
Heucherella spp	Bridget Bloom
Heucherella spp.†	Coral Bell
Hibiscus rosa-sinensis	Ross Estey Hibiscus
Hibiscus syriacus	Red Bird Rose of Sharon
Hibiscus syriacus	Red Heart Rose of Sharon
Hibiscus syriacus	Woodbridge Rose of Sharon
Hibiscus Rosa-sinensis**	Chinese Hibiscus**
Hibiscus spp	Disco Bell White Mallow
Hibiscus**	Rose of Sharon**
Hosta	Francee Plantain Lily
Hosta	Patriot Plantain Lily
Hosta lancifolia	Albo-Marginata Hosta
Hosta lancifolia	Narrow Leafed Plantain Lily
Hosta fortunei	Plantain Lily
Hosta plantaginea†	Hosta, Plantain Lily (Fragrant)
Hosta sieboldiana†	Hosta, 'Searsucker'
Hosta x 'Goldstandard'	Hosta 'Goldstandard'
Houttuynia cordata	Chameleon houttuynia
Houttuynia cordata	Variegated Houttuynia
Huchera	Bressingham Coral Bells
Huchera micrantha	Coral Bells
Hymenoxys acaulis	angelita daisy
Hypericum spp	St Johnswort
llex	Nellie R Stevens Holly
Ilex aquafolium	Balkans English Holly
Ilex aquafolium	Gold Coast English Holly
Ilex aquipernyi	San Jose Holly
llex attenuata	Savannah Holly

Ilex cornuta	Burford Holly
Ilex cornuta	Needlepoint Holly
llex cornuta	Dwarf Burford Holly
llex cornuta**	Chinese Holly**
llex crenata	Japanese Holly
llex crenata	Compacta Holly
llex crenata	Convexa Holly
Ilex crenata	Dwarf Japanese Holly
Ilex crenata	Green Luster Holly
llex crenata	Helleri Holly
llex crenata	Hetzi Holly
llex crenata	Steeds Japanese Holly
Ilex crenata	Stokes Japanese Holly
llex glabra	Nordic Inkberry Holly
llex glabra 'Compacta'	Inkberry
Ilex meserveae	Blue Boy Holly
llex meserveae	Blue Girl Holly
Ilex meserveae	China Boy Holly
Ilex meserveae	China Girl Holly
llex meserveae	Ebony Magic Holly
llex opaca	American Holly
llex pernyi	Holly
Ilex vomitoria	Yaupon Holly
Ilex vomitoria	Dwarf Yaupon Holly
llex vomitoria	Weeping Yaupon Holly
llex x	Holly 'Mary Nell'
Ilicium annisatum	
Illicium floridanum	Florida Anise Tree
Impatiens walleryana	Lipstick Impatiens
Imperata cylindrical	Japanese Blood Grass
Inula ensifolia	
Ipomea acuminata	Blue Dawn Mornining Glory
Iris ensata	Sword-Leaved Iris, Jodlesong
Iris pumila	Yellow dwarf bearded Iris
Iris siberica	Cabernet Siberian Iris
Iris spp.**	Iris species**
Iris virginica	Virginia Iris
Itea virginica	Henry Garnet Sweetspire
Ixora collinea	Ixora
Jasminium nudiflorum	Winter Jasmine
Jasminum nitidum	Angelwing Jasmine

Jasminum polyanthemum	Pink Jasmine
Juglans spp.*	Walnut*
Juniperus chinensis	Chinese Juniper
Juniperus chinensis	Gold Coast Juniper
Juniperus chinensis	Old Gold Juniper
Juniperus chinensis	Pfitzer Juniper
Juniperus chinensis	Blue Pftizer Juniper
Juniperus chinensis	Sea Green Juniper
Juniperus conferta	Shore Juniper
Juniperus conferta	Emerald Sea Shore Juniper
Juniperus davuricae†	Parsoni
Juniperus horizontalis	Creeping Juniper (except "prince of wales" variety)
Juniperus horizontalis	Andorra Juniper
Juniperus horizontalis	Bar Harbor Juniper
Juniperus horizontalis	Blue Chip Juniper
Juniperus horizontalis	Blue Rug Juniper
Juniperus horizontalis	Creeping Juniper
Juniperus horizontalis	Dwarf Andorra Juniper
Juniperus horizontalis	Huntington Blue Juniper
Juniperus horizontalis	Andorra Juniper
Juniperus horizontalis	Blue Carpet Juniper
Juniperus procumbens	Dwarf Japanese Garden Juniper
Juniperus prostrata	Prostrate Juniper
Juniperus sabina	Broadmoor Juniper
Juniperus sabina	Hicks Juniper
Juniperus sabina	Savin Juniper
Juniperus sabina	Tam Juniper
Juniperus scopulorum	Emerald Green Juniper
Juniperus scopulorum	Wichita Blue Juniper
Juniperus squamata	Blue Juniper
Juniperus squamata	Blue Star Juniper
Juniperus squamata	Parson's Juniper
Juniperus torulosa	Hollywood Juniper
Juniperus virginiana	Eastern Red Cedar
Justica brandegeana	Shrimp Plant
Kalmia latifolia	Mountain Laurel
Kniphofia uvaria	Flamenco Red Hot Poker
Lagerstroemia indica	Crape Myrtle
Lagerstroemia indica X fauriei	Tuscarora Crape Myrtle
Lagerstromia indica	Crape Myrtle 'Burgundy Cotton'
Lagerstromia indica and hybrids†	Crape Myrtle

Lampranthus spectabilis	Trailing iceplant
Lantana montevidensis†	Weeping Lantana
Lavender spp. †	Lavender; Munstead
Leontopodium alpinum†	Edelweiss
Leptospermum scoparium	Broom Teatree/Manuka
Leptospermum scoparium	New Zealand Tea Tree
Leptospermum scoparium	Ruby Glow New Zealand Tea Tree
Leucophyllum frutescens	Texas Sage
Leucophyllum laevigatum	Chihuahan Sage
Leucothoe axillaris	Coast leucothoe
Leucothoe fontanesiana	Drooping Leucothoe
Liatris spicata	Floristan violet gay feather
Ligustrum texanum	Howard's Privet
Ligustrum vulgare	Lodense Common Privet
Ligustrum amurense	Amur Privet
Ligustrum japonicum	Japanese Privet
Ligustrum japonicum	Wax Privet
Ligustrum japonicum	Variegated Wax Privet
Ligustrum lucidum	Glossy Privet
Ligustrum ovalifolium	California Privet
Ligustrum sinense†	Chinese Privet
Ligustrum sinense†	Variegated Chinese Privet
Ligustrum texanum	Wax Leaf Ligustrum
Ligustrum vulgaris	Cheyenne' Ligustrum
Ligustrum x vicaryi	Golden Privet
Lilium spp	Jazz Lily
Lilium spp. †	Lily
Limonium perezii	Status
Liquidambar styraciflua	American Sweetgum
Liriope gigantea	White Lily Turf
Liriope gigantea	Giant Lily Turf
Liriope muscari	Liriope; Big Blue Lillyturf
Liriope muscari	Lilac Beauty Lily Turf
Liriope muscari	Majestic Lily Turf
Liriope muscari	Monroe White Lily Turf
Liriope muscari	Silvery Sunproof Lily Turf
Liriope muscari	Variegated Lily Turf
Liriope spicata	Green/Creeping Lily Turf
Liriope spicata	Silver Dragon Lily Turf
Liriope spicata†	Liriope, creeping
Livistona chinensis	Chinese Fan Palm

Lobelia cardinalis†	Cardinal flower, Indian Pink
Lonicera fragrantissima	Winter Honeysuckle
Lonicera japonica	Japanese Honeysuckle
Lonicera periclymenum	flowering Woodine
Lonicera periclymenum	Serotina Woodbine
Lonicera sempervirens	Trumpet Honeysuckle
Lonicera tatarica	Tatarian Honeysuckle
Loropetalum chinense†	Loropetalum 'Burgundy'
Loropetalum chinense†	Loropetalum 'Ruby'
Loropetalum chinensis	Burgandy Loropetalum
Loropetalum chinensis	Sizzling Pink Fringe Flower
Loropetalum chinensis	Razzleberri Fringe Flower
Lysimacia mummularia	Moneywort
Lysimacia punctata	Dotted Loosestrife
Lythrum spp. †	Loosestrife; Modern Pink
Magnolia grandiflora	Southern Magnolia
Magnolia soulangeana	Saucer Magnolia
Magnolia spp.**	Magnolia species**
Magnolia stellata	Royal Star Magnolia
Mahonia aquafolium	Dwarf Oregon Grape Holly/Mahonia
Mahonia bealei	Leather Leaf Mahonia
Mahonia repens	Creeping Mahonia
Maleophora luteola	Ice Plant
Malus sargentii	Non-Bearing Crabapple
Malus spp.*	Crabapple*
Mandevilla splendens	Red Riding Hood Mandevilla
Matteuccia struthiopteris	Ostrich Fern
Matthiola incana	Stock
Michelia figo	Banana Shrub
Miscanthus sinensis	Maiden Grass
Miscanthus sinensis	Silberfeder Miscanthus
Miscanthus sinensis**†	Yaku Jima**, Silberfeder**
Moraea iridioides	African Iris
Morus alba	White Mulberry
Musa acuminata	Banana
myoporum parvifolium	Putah Creek
Myrica cerifera	Southern Waxmyrtle
Myrica pennsylvanica	Bayberry
Nandina domestica	Compact Dwarf Heavenly Bamboo
Nandina domestica	Harbour Dwarf Nandina
Nandina domestica	Nandina

Nandina domestica	Dwarf Purple Nandina
Nandina domestica	Woods Dwarf Nandina
Narcissus spp.**	Narcissus species**
Nerium oleander	Hardy Red Oleander
Nerium oleander	Oleander
Nerium spp.	Oleander
Nipponanthemum nipponicum†	Montauk Daisy or Nippon Daisy
Oenothera missourensis†	Evening Primrose, Ozark Sundrops
Oenothera speciosa	Siskiyou Evening Primrose
Olea europaea*	Olive*
Onoclea sensibilis	Sensitive Fern
Ophiopogon japonicus	Dwarf Mondo Grass
Ophiopogon japonicus**	Mondo Grass**
Origanum libanoticum	Oregano
Osmanthus fortunei	Fortune's Osmanthus
Osmanthus fragrans	Sweet Olive Osmanthus
Osmanthus heterophyllus	Osmanthus, False Holly
Osmanthus heterophyllus†	Osmanthus (False Holly): Gulf Tide
Osmunda cinnamomea	Cinnamon Fern
Osmunda regalis	Royal Fern
Osteospermum fruticosum†	Trailing African Daisy
Oxydendrum arboreum	Sourwood
Pachysandra terminals	Japanese Spurge
Pachysandra terminals	Green Sheen Japanese Spurge
Paeonia suffruticosa†	Tree Peony
Parthenocissus quinguefolia	Virgina Creeper
Pelargonium hortorum	Zonal Geranium
Pelargonium peltatum	Ivy Geranium
Pennisetum alopecuroides	Fountain Grass
Pennisetum setaceum	Chrimson Fountaingrass
Pennisetum setaceum	Purple Fountain Grass
Pennisetum setaceum**†	Fountain Grass (Dwarf)**
Penstemon	Apple Blossom Penstemon
Pentas lanceolata	Star Clusters
Perovskia atriplicifolia†	Russian Sage
Persea americana*	Avocado*
Petunia hybrids	Petunias
Phalaris arundinacea	Ribbon Grass
Phlox subulata	Moss Pink
Phoenix roebelenii	Pygmy Date Palm
Phormium tenax	Jack Spratt New Zealand Flax

Photinia fraseri	Red Tip Photinia
Physocarpus opulifolius	Dwarf Ninebark
Physostegia virginiana†	Dragonhead, False; Vivid
Picea pungens	Colorado Blue Spruce
Picea abies	Weeping Norway Spruce
Picea abies	Spreading Norway Spruce
Picea abies	Norway Spruce
Picea glauca	White Spruce
Picea glauca	Dwarf Alberta Spruce
Picea pungens	Hoopsi Blue Spruce
Picea pungens	Koster Blue Spruce
Picea spp	Spruces
Picea spp. **	Spruce species** (Colorado Blue, Norway, etc.)
Pieris	Forest Flame Pieris
Pieris japonica	Japanese Andromeda; Lily-of-the-Valley Shrub
Pieris japonica	Mountain of Fire Pieris
Pieris japonica	Snowdrift Pieris
Pieris japonica	Temple Bells Pieris
Pieris japonica	Valley Rose Pieris
Pieris japonica	Valley Valentine Pieris
Pinus mugo	Mugo Pine
Pinus aristata	Bristlecone Pine
Pinus brutia	Calabrian Pine
Pinus canariensis	Canary Island Pine
Pinus contorta	Shore Pine, Beach Pine
Pinus eldarica	Eldarica Pine
Pinus elliottii	Slash Pine
Pinus halapensis	Aleppo Pine
Pinus leucodermis	Bosnian Pine
Pinus nigra	Austrian Black Pine
Pinus palustris	Longleaf Pine
Pinus radiata	Monterey Pine
Pinus strobus	Eastern White Pine
Pinus sylvestris	Scotch Pine
Pinus sylvestris	Columnar Scotch Pine
Pinus taeda	Loblolly Pine
Pinus thunbergii	Japanese Black Pine
Pinus virginiana	Virginia Pine
Pistacia spp.*	Pistachio*
Pittosporum rhombifolium	Queensland Pittosporum

Pittosporum tobira	Japanese Pittosporum
Pittosporum tobira	Green Pittosporum
Pittosporum tobira	Wheelers Dwarf Pittosporum
Platanus occidentalis	American Sycamore
Platanus racemosa	California Sycamore
Plumbago auriculata	Plumbago
Plumbago capensis	Plumbago
Podocarpus macrophyllus	Yew Pine/Japanese Yew
Podocarpus Species	Podocarpus
Polygala fructicosa	Sweet Pea Shrub
Polystichum acrostichoides	Christmas Fern
Polystichum polyblepharum	Tassel Fern
Populus deltoides	Cottonwood
Potentilla fragiformis	Cinquefoil
Potentilla fruticosa	Cinquefoil
Potentilla fruticosa	Floppy Disc Cinquefoil
Potentilla fruticosa	Gold Drop Cinquefoil
Potentilla fruticosa	Goldfinger Cinquefoil
Potentilla fruticosa	Red Ace Cinquefoil
Potentilla fruticosa	Sunset Cinquefoil
Potentilla fruticosa	Tangerine Cinquefoil
Potentilla spp	Cinquefoil
Potentilla verna	Spring Cinquefoil
Prosopis chiliensis chiliensis	Chilean Mesquite
Prunus laurocerasus	English Laurel
Prunus laurocerasus	Otto Luyken English Laurel
Prunus caroliniana	Carolina Cherry Laurel
Prunus caroliniana	Bright 'n Tight Cherry Laurel
Prunus glandulosa	Dwarf Flowering Almond
	Almond, Apricot, Nectarine, Peach, Plum and
Prunus spp.*	Prune*
Prunus x yedoensis	Yoshino Cherry
Pseudotsuga menziesii**	Douglas Fir**
Psidium cattleianum	Strawberry Guava
Pyracantha coccinea	Firethorn Scarlet
Pyracantha coccinea	Lalandei Firethorn
Pyracantha fortuneana	Firethorn
Pyracantha fortuneana	Lolendei Monrovia Pyracantha
Pyracantha fortuneana	Monon Pyracantha
Pyracantha fortuneana	Red Elf Pyracantha

Pyracantha fortuneana	Santa Cruz Pyracantha
Pyracantha fortuneana	Victory Pyracantha
Pyracantha koidzumii	Pyracantha 'Santa Cruz'
Pyracantha koidzumii	Firethorn
Pyrus spp	Bradford Pears
Pyrus spp.	Pear spp. including Bradford
Quercus ilicifolia	Bear Oak
Quercus palustris	Pin Oak
Quercus phellos	Willow Oak
Quercus rubra	Red Oak
Quercus shumardii†	Oak, Shumard's Red
Raphiolepsis indica	Indian Hawthorne
Raphiolepsis umbellata†	Yedda Hawthorne
Ratbida columnifera	Mexican Hat
Ravenea rivularis	Majesty Palm
Rhaphiolepsis indica	Charisma-monruce Indian Hawthorn
Rhaphiolepsis indica	Enchantress-moness Indian Hawthorn
Rhaphiolepsis indica	Indian Hawthorn
Rhaphiolepsis indica	Springtime Indian Hawthorn
Rhaphiolepsis indica	Ballerina Indian Hawthorn
Rhaphiolepsis ovata	Round-Leaf Indian Hawthorn
Rhododendron	Fashion Azalea
Rhododendron	Wakeiebisu Azalea
Rhododendron	George Tabor Azalea
Rhododendron	Gerard Azalea
Rhododendron	Delaware Valley White Azalea
Rhododendron	Girard Roberta Azalea
Rhododendron	Girard Crimson Azalea
Rhododendron	Golden Flare Exbury Azalea
Rhododendron	Helmut Vogel Azalea
Rhododendron	Hershey Red Azalea
Rhododendron	Hot Shot Azalea
Rhododendron	Hume Azalea
Rhododendron	Inga Azalea
Rhododendron	Irene Koster Azalea
Rhododendron	President Clay Azalea
Rhododendron	Traditional Azalea
Rhododendron forrestii x	
griersonianum	Elizabeth Rhododendron
Rhododendron calendulaceum	Flame Azalea
Rhododendron calendulaceum	Golden Fire Azalea

Rhododendron calendulaceum	Klondike Azalea
Rhododendron campylocarpum	Butterfly Rhododendron
Rhododendron catawbiense	White Catawba Rhododendron
Rhododendron catawbiense	Catawba Rhododendron
Rhododendron catawbiense	Lord Roberts Catawba Rhododendron
Rhododendron catawbiense	Rocket Catawba Rhododendron
Rhododendron caucasium X ponticum	Cunningham White Rhododendron
Rhododendron exbury	Canon's Double Exbury Azalea
Rhododendron exbury	Golden Flare Exbury Azalea
Rhododendron exbury	Klondike Exbury Azalea
Rhododendron forrestii	Gomer Waterer Rhododendron
Rhododendron griffithianum	Jean Marie Rhododendron
Rhododendron hybrid spp	America Rhododendron
Rhododendron hybrid spp	Nova Zembla Rhododendron
Rhododendron hybrid spp	Scintillation Rhododendron
Rhododendron Hybrids	Carror Azalea
Rhododendron impeditum	Rhododendron
Rhododendron indica	Formosa Azalea
Rhododendron indica	Waucabusa Azalea
Rhododendron kaempferi	Blue Danube Azalea
Rhododendron kerume	Coral Bells Azalea
Rhododendron kerume	Hino Crimson Azalea
Rhododendron kerume	Hino Pink Azalea
Rhododendron kerume	Mildred Azalea
Rhododendron kerume	Snow Azalea
Rhododendron maximum	Rose Bay Rhododendron
Rhododendron mucronulatum	Rhododendron
Rhododendron obtusum	Hino Crimson Azalea
Rhododendron ponticum	Chioniodes Rhododendron
Rhododendron ponticum	Daphinoides Rhododendron
Rhododendron racemosum	Dwarf Scarlet Wonder Rhododendron
Rhododendron racemosum	Tribly Rhododendron
Rhododendron racemosum	Unique Rhododendron
Rhododendron racemosum	Vulcan Rhododendron
Rhododendron sassthigiatum X	
carolinianum	Ramapo Rhododendron
Rhododendron satuski	Gumpo Pink Azalea
Rhododendron satuski	Gumpo White Azalea
Rhododendron satuski	Higasa Azalea
Rhododendron satuski	Reijn Azalea
Rhododendron schlippenbachii	Royal Azalea

	Rhododendrons, Azaleas (Except Carolina and
Rhododendron spp.†	roseum elegans variety rhododentron)
Rhododendron x 'George Tabor'	Azalea 'George Tabor'
Rhododendron x obtusum	Kurume Azalea 'Tradition'
Rhus lancea	African Sumac
Rhus typhina	Staghorn Sumac
Rosa banksiae	Lady Bank's Rose
Rosa Flower Carpet	Red Groundcover Rose
Rosa rugosa	Rugosa Rose
Rosa x	Knock Out Rose Radrazz
Rosa x	Knock Out Double Pink
Rosmarinus officinalis	Rosemary
Rudbeckia fulgida	Black-Eyed Susan 'Early Bird'
Rudbeckia fulgida	Blackeyed Susan
Rudbeckia fulgida †	Black-Eyed Susan 'Goldstrum'
Rumohra adiantiformis	Leatherleaf Fern
Ruscus hypophyllum	Butchers Broom
Salix babylonica	Babylon Weeping Willow
Salix matsudana	Corkscrew Willow
Salvia daghestancia	Platinum Sage
Salvia grahamii	Grahams Sage
Santolina virens	Green Lavender Cotton
Santolina virens	Green Santolina
Sasa pygmaea	Dwarf Bamboo
Saxifraga spp. †	Saxifrage; Purple Dome
Scabiosa spp. †	Pincushion flower
Scutellaria resinosa	Skull Cap
Sedum pachyclados	Grey Stonecrop
Sedum spurium	Sedum 'John Creech'
Senecio cineraria	Dusty Miller
Sequoia sempervirens	Coast Redwood
Sequoiadendron giganteum	Giant Sequoia
Skimmia japonica	Japanese skimmia
Skimmia revesiana	Reeves Skimmia
Solanum rantonetii	Paraguay Nightshade
Spiraea bumalda†	Spirea 'Anthony Waterer'
Spiraea cinerea	First Snow Spiraea
Spiraea japonica	Dolchia Spiraea
Spiraea japonica	Japanese Alpine Spirea
Spiraea japonica	Magic Carpet Spiraea
Spiraea japonica	Neon Flash Spiraea

Spiraea japonica	Shirobana Spiraea
Spiraea vanhouttei	Vanhouttei Spirea
Spirea japonica	Spirea 'Neon Flash'
Spirea japonica	Spirea 'Shirobana'
Streptosolen jamesonii	Marmalade Bush
Swietenia mahogani	Mahogany
Syagrus romanzoffianum	Queen Palm
Syringa rothomagenesis	Chinese Lilac
Syringa vulgaris	Common Lilac
Syzygium paniculatum	Japanese Boxcherry
Syzygium paniculatum	Australian Brushcherry
Tabebuia caraiba	Yellow Tabebuia
Tagetes patula	Little Hero Marigold
Taxus cuspidata	Japanese Yew
Taxus media†	Yew
Tecomaria capensis	Cape Honeysuckle
Ternstroemia gymnanthera	Japanese Ternstroemia
Teucrium fruiticans	Bush Germander
Teucrium spp†.	Germander
Thalictrum dipterocarpum†	Meadow Rue
Thevetia nerifolia	Yellow Oleander
Thuja occidentalis	American Arborvitae
Thuja occidentalis	Emerald Arborvitae
Thuja occidentalis	Globe Arborvitae
Thuja occidentalis	Little Giant Dwarf Arborvitae
Thuja occidentalis	Dark American Arborvitae
Thuja occidentalis	Pyramidal Arborvitae
Thuja occidentalis	Rheingold Arborvitae
Thuja occidentalis	Techny Arborvitae
Thuja occidentalis	Woodward's Arborvitae
Thuja orientalis	Dwarf Golden Arborvitae
Thuja orientalis	Dwarf Arborvitae
Tibouchina urvilleana	Princess Flower
Trachelospermum asiaticum	Asiatic Jasmine, Star Jasmine
Trachycarpus fortunei	Windmill Palm
Tsuga canadensis	Canada Hemlock, Eastern Hemlock
Tulbaghia violacea	Society Garlic
Tulipa spp	Tulips
Ulmus parvifolia	Chinese Elm
Verbena rigida	Veined Verbena
Veronica spp	Sunny Border, Veronica /Speedwell

Veronica spp. †	Veronica, Speedwell
Viburnum bodnantense	Pink Dawn Viburnum
Viburnum carlesii	Koreanspice Viburnum
Viburnum davidii	David Viburnum
Viburnum japonicum	Japanese Viburnum
Viburnum judd	Judd Viburnum
Viburnum lantana	Wayfaringtree Viburnum
Viburnum odoratissimum	Sweet Viburnum
Viburnum opulus 'Roseum'	Roseum Viburnum
Viburnum opulus sterile	Common Snowball Viburnum
Viburnum plicatum	Japanese Snowball
Viburnum plicatum	Doublefile Viburnum
Viburnum pragense	Prague Viburnum
Viburnum rigidum	Canary Island Viburnum
Viburnum setigerum	Tea Viburnum
Viburnum suspensum†	Arrowwood viburnum
Viburnum tinus	Laurustinus
Viburnum tinus	Spring Bouquet Viburnum
Viburnum trilobium	Cranberry Bush
Viburnum trilobum	American Cranberrybush Viburnum
Viburnum trilobum	Dwarf American Cranberrybush Viburnum
Viburnum wrightii	Leatherleaf Viburnum
Vinca major	Vinca
Vinca major	Bigleaf Periwinkle
Vinca minor	Dwarf Periwinkle
Vinca spp	Periwinkle
Vitis spp.*	Grape*
Washingtonia robusta	Mexican Fan Palm
Washingtonia robusta	California Fan Palm
Weigela florida	Old Fashioned Weigela
Weigelia florida	Bristol Ruby Weigelia
Weigelia florida	Java Red Weigelia
Weigelia florida	Minuet Weigelia
Xylosma congestum	Xylosma
Xylosma senticosa	Shiny Xylosma
Yucca aloifolia	Spanish Bayonet
Yucca filamentosa	Yucca, Adam's Needle
Zamia furfuracea	Cardboard Palm

[†] Not for use in California
*Do not use on food producing trees, vines, or plants
**Not for use on container grown plants.