

DITHIOPYR GROUP 3 HERBICIDE



For season-long control or suppression of listed annual grasses and broadleaf weeds in ornamental landscape areas, established lawns and ornamental turf (including golf course fairways, roughs and tee boxes) and container and field-grown nursery ornamentals.

Active Ingredient:
 Dithiopyr: 3,5-pyridinedicarbothioic acid, 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester 0.27%
 Other Ingredients..... 99.73%
 Total..... 100.00%
This product contains 0.135 pounds of the active ingredient, dithiopyr, per 50 pound bag.
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Keep Out of Reach of Children

CAUTION
First Aid

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

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

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Causes Moderate Eye Irritation

Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Environmental Hazards

This product is toxic to fish. Drift and runoff may adversely affect aquatic organisms. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters

Non-target Organism Advisory: 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. For further guidance and instructions on how to minimize spray drift, refer to the Spray Drift Management section of this label.

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

Surface Water Advisory: This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow ground. This product is classified as having a high potential for reaching surface water via runoff for several weeks after application.

See or Refer to back of bag or container/side panel for additional precautionary statements including Directions for Use and Storage and Disposal.

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

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

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

Directions for Use

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

Weed Resistance Management

Lebanon Dimension .27G Turf and Ornamental Herbicide, which contains the active ingredient dithiopyr is a Group 3 herbicide based on the mode of action classification system of the Weed Science Society of America.

Proactively implementing diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides is a best practice. A diversified weed management program may include the use of multiple herbicides with different modes of action and overlapping weed spectrum with or without tillage operations and/or other cultural practices. Research has demonstrated that using the labeled rate and directions for use is important to delay the selection for resistance.

The continued effectiveness of this product depends on the successful implementation of a weed resistance management program.

To aid in the prevention of developing weeds resistant to this product, users should:

- Scout fields before application to ensure herbicides and rates will be appropriate for the weed species and weed sizes present.
- Start with a clean field, using either a burndown herbicide application or tillage.
- If using post-emergence herbicides or tank mixes, control weeds early when they are relatively small.
- Apply full rates of Lebanon Dimension .27G Turf and Ornamental Herbicide for the most difficult to control weed in the field at the specified time to minimize weed escapes.
- Scout fields after application to detect weed escapes or shifts in control of weed species.
- Control weed escapes before they reproduce by seed or proliferate vegetatively.
- Report any incidence of non-performance of this product against a particular weed to your local company representative, local retailer, or county extension agent.
- Contact your local company representative, crop advisor, or extension agent to find out if suspected resistant weeds to this MOA have been found in your region. If resistant biotypes of target weeds have been reported, use the application rates of this product specified for your local conditions. Tank mix products so that there are multiple effective modes of action for each target weed.
- If resistance is suspected, treat weed escapes with an herbicide having a mode of action other than Group 3 and/or use nonchemical methods to remove escapes, as practical, with the goal of preventing further seed production.
- Suspected herbicide-resistant weeds may be identified by these indicators:
 - Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds;
 - A spreading patch of non-controlled plants of a particular weed species; and
 - Surviving plants mixed with controlled individuals of the same species.

Additionally, users should follow as many of the following herbicide resistance management practices as is practical:

- Use a broad spectrum herbicide with other mode of action as a foundation in a weed control program, if appropriate.
- Utilize sequential applications of herbicides with alternative modes of action.
- Rotate the use of this product with non-Group 3 herbicides.
- Avoid making more than two sequential applications of Lebanon Dimension .27G Turf and Ornamental Herbicide and any other Group 3 herbicides within a single growing season unless mixed with an herbicide with a different mode of action with an overlapping spectrum for the difficult-to-control weeds.
- Incorporate non-chemical weed control practices, such as mechanical cultivation, crop rotation, cover crops and weed-free crop seeds, as part of an integrated weed control program.
- Use good agronomic principles that enhance crop development and crop competitiveness.
- Thoroughly clean plant residues from equipment before leaving fields suspected to contain resistant weeds.
- Manage weeds in and around fields to reduce weed seed production

Use Directions for Turf

Lebanon Dimension .27G Turf and Ornamental Herbicide provides season-long control of crabgrass and control or suppression of other listed annual grasses and broadleaf weeds in established lawns and ornamental turfs, (including golf course fairways, roughs, and tee boxes), and container and field-grown nursery ornamentals. When used according to label directions, this product will not harm nearby established ornamentals identified as "Tolerant Ornamentals" elsewhere in this label.

Use Precautions for Turf

- Do not use this product on golf greens.
- Do not apply this product to Colonial bentgrass.
- For best results, cultural practices that disturb the soil, such as core, spike, hydro-aerification, or verticutting, and topdressing should be done before application of this product. This product should not be applied until turfgrasses have recovered from stresses related to these or other mechanical operations. Irrigation or rainfall within 7 days after application will improve the performance of this product.
- Reseeding or Sprigging:** Reseeding, overseeding, or sprigging of turfgrasses into areas that have been previously treated with this product should be delayed until 12 weeks from the time of application. If overseeding with perennial ryegrass, delay overseeding at least 8 weeks after application. When reseeding or overseeding, proper cultural practices such as soil cultivation, irrigation and fertilization should be followed. For best results, use mechanical or power seeding equipment (slit seeders) designed to give good seed-to-soil contact.
- This product may be used on seeded, sodded, or sprigged turfgrass that is well established. Allow the turf to develop a good root system and uniform stand before application. Use of this product on turfgrass not well established, weakened by lack of moisture, chemical injury, insects, disease, or temperature extremes that causes stress will increase the potential for injury. Allow turfgrass weakened by these stresses to recover before application of this product.
- This product may be applied as a single application or as a split application in the spring, summer or fall.
- This product will prevent germination of annual bluegrass.
- This product will not affect established annual bluegrass. If maintenance of annual bluegrass is desired, do not use this product during time of annual bluegrass germination. For AZ, CA, NV, OR, WA, NM, ID, MT and UT, this product may contribute to thinning or stand reduction in established stands of annual bluegrass.
- Do not use clippings from treated turf for mulching around vegetables or fruit trees.
- Do not allow domestic animals to feed or forage on the treated turf or clippings from treated turf.

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

Cool-Season Grasses	Warm-Season Grasses
bentgrass, creeping †	Agrostis stolonifera
bluegrass, Kentucky	Poa pratensis
fescue, fine ††	Festuca rubra
fescue, tall	Festuca arundinacea
ryegrass, perennial	Lolium perenne
	bahiagrass
	bermudagrass
	buffalograss
	carpetgrass
	centipede grass
	kikuyu grass
	seashore paspalum
	St. Augustine grass
	zoysiagrass
	Paspalum notatum
	Cynodon dactylon
	Buchloe dactyloides
	Axonopus affinis
	Eremochloa ophiuroides
	Pennisetum clandestinum
	Paspalum vaginatum
	Stenotaphrum secundatum
	Zoysia japonica

† Do not apply this product to Colonial bentgrass. Use of this product on certain varieties of creeping bentgrass, such as 'Carmen', 'Cohansey', or 'Seaside' will result in undesirable turf injury. Not all varieties of creeping bentgrass have been tested.

†† The following fine fescue varieties have been found to be sensitive to this product: 'Atlanta', 'Banner', 'Beauty', 'Bilgart', 'CF-2', 'Enjoy', 'HF-93', 'Highlight', 'Ivalo', 'Jamestown', 'Koket', 'Majenta', 'Mary', 'Pennlawn', 'Tamura', 'Tatjana', 'Waldorf', and 'Waldina'.

Note: It is not possible to evaluate all turfgrass varieties for tolerance to this product. It is suggested that the user evaluate the response of turfgrass varieties not listed on this label on a limited area, at specified rates, prior to initiating large-scale use.

Application Equipment and Instructions

Apply this product with drop or rotary-type spreaders designed to apply granular herbicides. Calibrate application equipment prior to usage, and apply this product uniformly over the turfgrass area. A more uniform application can be made by spreading half of the required amount over the area and then applying the remaining half at a right angle to the previous direction of application. Avoid the use of spreaders that apply granular materials in narrow rows or concentrated bands. Avoid streaking, skips, or overlaps during application. Check equipment frequently to ensure equipment is functioning properly and applying uniform distribution of granules.

Preemergence Control of Annual Grasses and Annual Broadleaf Weeds

Used as directed, this product will control or suppress the following annual grass and broadleaf weeds when applied prior to their emergence. This product will not control established weeds, except for crabgrass in early stages of development, but only if application is made to crabgrass prior to the 3-leaf stage of growth or first tiller. Use the higher recommended use rates where weed infestations are dense and/or applications are made early and longer residual control is desirable.
Weeds Controlled and Use Rate Recommendations

Weeds Controlled	Suggested Use Rate Pounds/Acre	Per Application Pounds/1000 sq ft
barley brome crabgrass, large crabgrass, smooth crabgrass, southern dallisgrass (seedling)	100 to 150 ††	2.3 to 3.4 †
barnyardgrass chickweed clover, hop crabgrass, tropical crowfootgrass dichondra, Carolina lespedeza, common kikuyugrass Mary's grass marestail medic, black mulberry weed mustard oats, wild oxalis, buttercup oxalis (creeping woodsorrel)	150 to 185 ††	3.4 to 4.25 †
bluegrass, annual bittercress carpetweed chickweed geranium, Carolina goosegrass	185 ††	4.25 ††

† Higher use rates are recommended where weed infestations are heavy and/or dense.
 †† Use of this product at this rate will provide only partial control and/or suppression of listed weeds.

Poa Annu (annual bluegrass) Control

Apply Lebanon Dimension .27G Turf and Ornamental Herbicide for preemergence control of Poa annua (annual bluegrass) at a rate of 0.38 to 0.5 lb active ingredient per acre. This is equivalent to 150 to 185 pounds per acre. Use the higher recommended use rates where weed infestations are dense and/or applications are made early and longer residual control is desirable.

- Apply 6 to 8 weeks before overseeding bermudagrass with perennial ryegrass. Specific to perennial ryegrass; not for use on Poa trivialis or bentgrass.
- Minimum seeding rate of perennial ryegrass is 400 lb per acre.
- Use limited to fairways and roughs.
- Perennial varieties of Poa annua (var. repens) may not be controlled as well as the true annual.
- Do not apply earlier than 16 weeks after over-seeding unless injury to the ryegrass can be tolerated.
- A follow-up treatment 16 weeks after overseeding offers an early season crabgrass treatment and helps suppress some winter annual broadleaf weeds.

Use Restrictions

- Do not apply more than 185 pounds of this product per acre per application and no more than 3 applications per year (555 pounds) of this product per acre per year.
- In the state of New York, the product must only be used by professional applicators at no more than 185 lb of Lebanon Dimension .27G Turf and Ornamental Herbicide per acre per year (0.5 lb dithiopyr/acre/year). In Nassau and Suffolk Counties of New York, do not exceed 93 lb of Lebanon Dimension .27G Turf and Ornamental Herbicide per acre per year (0.27 lb dithiopyr/acre/year).
- Not for use on turf being grown for sale or other commercial use as sod, 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 landscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

Ornamentals (Landscape, Field Grown, and Container Grown)

Lebanon Dimension .27G Turf and Ornamental Herbicide provides preemergence control of listed annual grass and broadleaf weeds in ornamental plantings. Ornamental plants on this label have shown tolerance to this product when applied as directed. It is impossible, however, to evaluate tolerance for all ornamental plant species or varieties or under all possible growing conditions. Under your growing conditions, a limited area involving only a few plants should be treated for tolerance evaluation prior to large-scale applications.

Use Rates

Refer to the following table for treatment dosage for treating small areas.

Pounds Product/Acre	Ounces Product/1000 Square Feet	Ounces (Grams) Product/100 Square Feet
185	68	6.8 (193 grams)

Application Timing and Use Instructions

This product is a preemergence herbicide that will not control established weeds. Make applications prior to weed seed germination or to bare ground. The best weed control is obtained when applied to soil that is free of clods, weeds and debris such as leaves. Prior to making an application, control existing vegetation by hand weeding, cultivation or with a postemergence herbicide. To be effective, Lebanon Dimension .27G Turf and Ornamental Herbicide must be activated by 1/2 inch or more of rainfall or irrigation prior to germination of target weeds. Once the treatment is activated, avoid excessive soil disruption that may break down the herbicide barrier. Minimal surface disruption such as raking should not break down the herbicide barrier.

Weeds Controlled

Used as directed, this product will control or suppress the following annual grass and broadleaf weeds when applied prior to their emergence. This product will not control established weeds, except for crabgrass in early stages of development, but only if application is made to crabgrass prior to the 3-leaf stage of growth or first tiller. Therefore, the area to be treated should be free of weeds prior to application. Repeat applications may be made during the growing season at 3 to 4-month intervals to maintain weed control.

Weeds controlled or suppressed by Lebanon Dimension .27G Turf and Ornamental Herbicide when applied at 185 pounds per acre:

Annual Grasses	Scientific Name	Broadleaf Weeds	Common Name	Scientific Name
barley	Hordeum spp.	bittercress		Cardamine spp.
barnyardgrass	Echinochloa crus-galli	carpetweed		Mollugo verticillata
bluegrass, annual	Poa annua	chickweed		Stellaria spp.
brome	Bromus spp.	geranium, Carolina		Geranium carolinianum
crabgrass, large	Digitaria sanguinalis	henbit		Lamium spp.
crabgrass, smooth	Digitaria ischaemum	knotweed, prostrate		Polygonum saviculare
crabgrass, southern	Digitaria ciliaris	lespedeza, common		Lespedeza striata
crowfootgrass	Dactyloctenium aegyptium	marestail		Hippuris vulgaris
dallisgrass (seedling)	Paspalum dilatatum	medic, black		Medicago lupulina
foxtail, giant	Setaria faberi	mulberry weed		Fatoua villosa
foxtail, green	Setaria verti	mustard		Brassica spp.
foxtail, yellow	Pennisetum glaucum	oxalis, buttercup		Oxalis pes-caprae
goosegrass	Eleusine indica	parsley-piert		Alchemilla arvensis
kikuyugrass	Pennisetum clandestinum	pigweed, redroot		Amaranthus retroflexus
oats, wild	Avena fatua	pineappleweed		Matricaria matricarioides
ryegrass	Lolium spp.	purslane, common		Portulaca oleracea
(annual & perennial)		rocket, London		Sisymbrium irio
sandbur	Cenchrus spp.	shepherdspurse		Capsella bursa-pastoris
smutgrass	Sporobolus indicus	speedwell, corn		Veronica arvensis
		spurge, garden		Euphorbia hirta
		spurge, prostrate		Euphorbia humistrata
		spurge, spotted		Euphorbia maculata
		woodsorrel, creeping		Oxalis corniculata
		woodsorrel, yellow		Oxalis stricta

Application Equipment and Instructions

Apply this product with drop or rotary-type spreaders designed to apply granular herbicides. Avoid the use of spreaders that would apply this product in narrow rows or concentrated bands. Before each application, calibrate the spreader according to the equipment manufacturer's directions for adjusting the spreader settings such that the spreader delivers the appropriate application rate recommended above. Apply this product uniformly over the area to be treated. A more uniform application can be made by spreading half of the required amount over the area and then applying the remaining half at a right angle to the previous direction of application. Avoid streaking, skips, or overlaps during application. Check equipment frequently to ensure equipment is functioning properly and applying uniform distribution of granules. Shortly after application apply overhead irrigation to activate the herbicide and wash Lebanon Dimension .27G Turf and Ornamental Herbicide from plant surface onto soil surface.

Use Precautions for Ornamental Plantings:

- Only apply this product to established ornamentals as directed in the Tolerant Ornamental table below.
- Do not incorporate this product into soil. Dilution of active ingredient and possible injury to plant roots may occur.
- Do not apply around ornamental plants that have been weakened or are under stress (due to drought, flooding, excessive fertilizer or soil salts, wind injury, hail, frost damage, winter injury, injury from previously applied herbicides or injury due to insects, nematodes or diseases).
- Do not make applications when weather conditions favor drift to non-target areas. This product may injure foliage of non-target plants.
- Do not apply this product on grasses grown for seed.
- Do not graze livestock or feed forage cut from areas treated with this product.
- Do not apply this product in enclosed structures and greenhouses.
- Do not apply another herbicide within 4 weeks of application of this product.
- Do not apply this product to bare roots of ornamental plants as injury may result. Following transplanting, care must be taken that no soil or planting mixes have settled firmly through irrigation, rainfall or packing and that there are no cracks that would allow direct contact of this product to the plant roots or plant injury may occur.

Treatment of Ornamental species not listed on this label:

It is impossible to evaluate tolerance to this product on all ornamental species or varieties or under all growing conditions. Users who wish to use Lebanon Dimension .27G Turf and Ornamental Herbicide on species not recommended on this label may determine the suitability for use by treating a small number of plants at a recommended rate under your growing conditions. Treated plants should be observed for any symptoms of herbicidal injury such as foliar damage, reduced vigor or stand reduction during 30 to 60 days of normal growing conditions to determine if the treatment is non-injurious.

Use Restrictions

- Do not apply more than 185 pounds of this product per acre per application and no more than 3 applications (555 lb) of this product per acre per year.
- In the state of New York, the product must only be used by professional applicators at no more than 185 lb of Lebanon Dimension .27G Turf and Ornamental Herbicide per acre per year (0.5 lb dithiopyr/acre/year). In Nassau and Suffolk Counties of New York, do not exceed 93 lb of Lebanon Dimension .27G Turf and Ornamental Herbicide per acre per year (0.27 lb dithiopyr/acre/year).
- For use on plants intended for aesthetic purposes or climatic modification and being grown in interior landscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.
Pesticide Storage: Store this product only in its original container in a dry, cool, secured storage area.
Pesticide Disposal: Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.
Container Handling: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available, or dispose in a sanitary landfill, by incineration, or by other procedures allowed by state and local authorities.

SUGGESTED SPREADER SETTINGS			
Spreader	2.3#/1,000 sq. ft.	3.4#/1,000 sq. ft.	4.25#/1,000 sq. ft.
LebanonTurf	4%	4½	4%
Andersons AccuPro	J	K	M
Earthway Rotary	14½	15	16
Gandy	25	27	28
Lely	4½ II	5½ II	6 II
PennMulch HVO	K	L	N
Lesco (letter/Numeric)	H/16	I/17	J/19
ProScape SS	K	L	N
Spyker	4½	4½	4%
Vicon (all models)	23	24	26

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 (L) (D)
 EPA Est. No. 961-PA-01-961-IL-01
 Superscript used is first letter of lot number.

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Lebanon Seaboard Corporation
 1600 E. Cumberland St. • Lebanon, PA 17042
 Made in the U.S.A.
 www.LebanonTurf.com

NET WT. 40 LBS. (18.14 KG)
TREATS up to 17,391 SQ. FT.



Tolerant Ornamentals
When applied as directed under the conditions described on this label, ornamentals listed below have shown tolerance in field trials.

Name		Tolerant Cultivars		Acceptable Application Method Noted by a (X)		Acceptable to Field/Landscape or Container Grown Ornamentals Noted by a (X)		Name		Tolerant Cultivars		Acceptable Application Method Noted by a (X)		Acceptable to Field/Landscape or Container Grown Ornamentals Noted by a (X)		Name		Tolerant Cultivars		Acceptable Application Method Noted by a (X)		Acceptable to Field/Landscape or Container Grown Ornamentals Noted by a (X)		
Name		Tolerant Cultivars		Over the Top Directed		Container Grown Field/ Landscape Grown		Name		Tolerant Cultivars		Over the Top Directed		Container Grown Field/ Landscape Grown		Name		Tolerant Cultivars		Over the Top Directed		Container Grown Field/ Landscape Grown		
Abelia x grandiflora	nana		x		x			cedar, red (Juniperus virginiana)					x			heather, twisted (Erica cinerea)								
abyssinian red banana (Ensete ventricosum)	maureli	x	x	x	x			celosia (Celosia spp.)					x			hemlock, Canada (Tsuga canadensis)								
acacia redolens (Acacia redolens)		x	x	x	x			centaura (Centaura montana)					x			hibiscus (Hibiscus spp.)	blue bird brilliant hula girl							
Ajuga carpet bugle (Ajuga reptans)	bronze			x				cockscomb, plumosa (Celosia cristata)	scarlet plumosa				x			holly (Ilex x 'Nellie R. Stevens' (Ilex x attenuata)	Nellie R. Stevens fosteri Savannah	x	x	x				
Ajuga genevensis	bronze beauty			x				coleus (Coleus blumei)	red kewpie				x			holly, blue (Ilex x meserveae)	blue boy blue girl China girl	x	x	x				
almond, flowering (Prunus glandulosa)				x				columbine (Aquilegia spp.)					x			mock orange† (Philadelphus spp)	golden snowflake double white	x	x	x				
apple† (Malus pumila)				x				coneflower, purple (Echinacea purpurea)	magnus purple	x	x	x	x			mondo grass (Ophiopogon japonicus)								
arborvitae (Thuja occidentalis)	nigra pyramidalis smaragh techy woodwardii		x	x	x			copper leaf (Acalypha wilkesiana)					x			moss rose (Portulaca grandiflora)	sunyside	x						
arborvitae, dwarf golden (Thuja orientalis)	aurea nana	x	x	x	x			coreopsis (Coreopsis spp.)	moonbeam				x			mountainash (Sorbus aucuparia)								
ash, green (Fraxinus pennsylvanica)				x				corn flower (Centaurea spp.)					x			myrtle, crape (Lagerstroemia indica)	faurei langer muskokee standard pink	x	x	x				
ash, autumn purple (Fraxinus americana)	autumn purple			x				coyotebrush (Baccharis pilularis)					x			myrtle, wax (Myrica californica)								
aster, Chinese (Callistephus chinensis)	dwarf queen			x				cypress, bald (Taxodium distichum)					x			narcissus (Narcissus spp.)								
azalea (Rhododendron spp.)	brilliant buccaneer carror chimes (Belgian) Elsie Lee exbury fashion hardizer beauty hershey red higasa hinocrimson Holland (hybrid) Marion Lee northern lights orange cup orchid lights snow southern charm		x	x	x			cypress, Hinoki false (Chamaecyparis obtusa)	gracilis				x			oak, laurel (Quercus laurifolia)								
azalea, flame (Rhododendron calendulaceum)				x				cypress, Italian (Cupressus sempervirens)	glauca				x			oak, pin (Quercus palustris)								
azalea, kirishima (Rhododendron obtusum)				x				cypress, leyland (Cupressocyparis leylandii) hybrid					x			oak, red (Quercus rubra)								
bamboo, heavenly (Nandina domestica)	compacta nana		x	x	x			dianthus (Dianthus spp.)	magic fountain				x			oak, southern (Quercus virginiana)								
barberry, Japanese (Berberis thunbergii)	aurea dwarf pygmy green kobold pygmy red rose glow		x	x	x			delphinium (Delphinium spp.)					x			oak, willow (Quercus phellos)								
barberry, purple (Berberis thunbergii var atropurpurea)	atropurpurea			x				dogwood (Cornus florida)					x			oleander (Nerium oleander)	hardy red petite pink sister agnes	x	x	x				
basket flower (Gaillardia grandiflora)				x				dogwood, American (Cornus sericea)	flaviramea				x			osteospermum (Osteospermum fruticosum)	whirligig	x						
beach grass (Ammophila breviligulata)				x				Douglas fir (Pseudotsuga menziesii)					x			pachysandra (Pachysandra terminalis)								
bearberry (common) (Arctostaphylos uva-ursi)	Massachusetts			x				dusty miller (Senecio cineraria)					x			palm, king (Archontophoenix cunninghamiana)								
bee balm (Monarda didyma)				x				elm (Ulmus parvifolia)	drake				x			paper flower (Bougainvillea glabra)	Barbara Karst	x	x	x				
begonia (Begonia spp.)				x				eulaliagrass (Miscanthus sinensis)	maiden grass	x	x	x	x			peach† (Prunus persica)								
birch, river (Betula nigra)				x				euonymus (Euonymus japonicus)	Argenteo-variegata Auereomarginata colorata				x			periwinkle, dwarf (Vinca minor)								
blackeyed Susan (Rudbeckia hirta)	goldstrum			x				(Euonymus fortunei)	emerald galeity emerald n' gold gold edge gold princess Manhattan silver king tricolor vegetus				x			petunia (Petunia x hybrida)	picoti	x						
blanket flower (Gaillardia spp.)				x				euryps, green leaved (Euryops pectinatus)	viridis	x	x	x	x			photinia, red tip (Photinia x fraseri)								
blueberry† (Vaccinium spp.)	bluecrop blue jay Jersey north blue northland		x	x	x			fan palm, European (Chamaerops humilis)					x			piers (Pieris taiwanensis)								
bottlebrush (Callistemon citrinus)	Little John	x	x	x	x			fan palm, Mexican (Washingtonia robusta)					x			piers, Japanese (Pieris japonica)	mountain fire	x						
bougainvillea (Bougainvillea spectabilis)	James Walker Scarlet O' Hara		x	x	x			fern (various) (Asparagus spp.)					x			pine, Afghan (Pinus eldarica)								
boxwood (Buxus microphylla)	japonica			x				fescue (Festuca glauca)					x			pine, Austrian black (Pinus nigra)								
boxwood, green beauty (Buxus microphylla japonica)	green beauty	x	x	x	x			fetterbush (Leucothoe fontanesiana)	rainbow				x			pine, Japanese black (Pinus thunbergia)								
boxwood, welleri (Buxus sempervirens)	winter gem	x	x	x	x			figs (Ficus retusa)	nitida				x			pine, loblolly (Pinus taeda)								
broom (Cytisus scoparius) (Genista pilosa)	moonlight Vancouver gold		x		x			fir fraser (Abies fraseri)					x			pine, longleaf (Pinus palustris)								
camellia (Camellia japonica)	debutante mathotiana supreme chanssonette setsukgekka		x	x	x			forsythia (Forsythia x 'Arnold Dwarf' (Forsythia viridissima) (Forsythia x intermedia) (Forsythia x intermedia) (Forsythia suspensa)	arnold dwarf bronxensis dwarf lynwood gold meadowlark spring glory weeping				x			pine, mugo or Swiss Mt. (Pinus mugo)								
camellia (Camellia sasanqua)			x	x	x			gallium (Gallium ordoatum)					x			pine, Scotch (Pinus sylvestris)								
candytuft (Iberis sempervirens)	snow white			x				gardenia (Gardenia jasminoides)	mystery radicans white gem				x			pine, slash (Pinus elliotii)								
carex, variegated (Carex spp.)				x				hawthorn (Crataegus spp.)	cocksbur white crimson cloud enchantress Jack Evans Washington white				x			privet (Ligustrum x vicaryii) (Ligustrum japonicum)	golden vicary regal texanum yellow tipped	x	x	x				
carpet bugle (Ajuga reptans) (Ajuga genevensis)	bronze bronze beauty		x		x			hawthorn, Indian (Rhampholepis indica)	ballerina	x	x	x	x			privet, glossy (Ligustrum lucidum)								

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†Ornamental species only. Do not apply this product directly to plants that are grown for food.