E-Blend™

FERTILIZER with

Dimension® 0.15% FG

16-2-3

GUARANTEED ANALYSIS

Total Nitrogen (N) 16%
3.4% Ammoniacal Nitrogen
6.7% Urea Nitrogen
2.2% Water Insoluble Nitrogen*
3.7% Other Water Soluble Nitrogen*
Available Phosphate (P_2O_5) 2%
Soluble Potash (K_2O) 3%
Sulfur (S) 3.8%
3.8% Combined Sulfur (S)
Iron (Fe) 4.0%
4.0% Water Insoluble Iron (Fe)
Derived from: biosolids, methylene ureas, urea, ammonium sulfate, diammonium phosphate, muriate of potash.
*1.6% slowly available nitrogen from biosolids.
*4.3% slowly available nitrogen from methylene ureas.
Chlorine (Cl) 1.5%

0 88685 18615 8

22-18615

F699

Information regarding the contents and levels of metals in this product is available on the Internet at:
http://www.cdfa.ca.gov/egov/is/fert/
http://www.oda.state.or.us/dbs/heavy_metal/search.lasso
http://www.agr.wa.gov/PestFert/Fertilizers/ProductDatabase.aspx

Calibration Settings at Specified Rate

Spreader	2.9# /1,000 FT²	3.8# /1,000 FT²	5.8# /1,000 FT²	7.7#/ 1,000 FT²
LebanonTurf	4½	4¾	5½	6½
Andersons AccuPro	K	M	P	S
Earthway Rotary	15	16	20	24
Gandy	26	28	32	36
Lely	5 II	6 II	7 II	8 II
Lesco (letter/Numeric)	i/17	J/21	L/24	N/28
PennMulch HVO	L	N	P	S
ProScape SS	L	N	P	S
Spyker	4½	4¾	5½	6½
Vicon (all models)	24	26	31	34

These settings were calibrated and field tested. However, age and condition of spreader, speed of operation and evenness of terrain may require slightly different settings for desired coverage.

For season-long control of crabgrass and 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.

ACTIVE INGREDIENT:
dithiopyr: 3,5- pyridinedicarbothioic acid,2-(difluoromethyl)- 4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester 0.15%
OTHER INGREDIENTS: 99.85%
TOTAL 100.00%

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

EPA Reg. No. 62719-504-961

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

This product contains 0.075 pound of the active ingredient dithiopyr per 50 pound bag.

Dimension® is a registered trademark of Corteva Agriscience.

In the state of New York, this product may be applied only by commercial applicators at a minimum of 167 lb (0.25 lb active ingredient) per acre (3.8 lb per 1000 sq ft) and no more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.

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.
If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Hot Line Number: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 888-208-1368 day or night, for emergency treatment information.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

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

Environmental Hazards

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Drift and runoff from treated turf may adversely affect aquatic organisms in adjacent aquatic sites. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

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

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

In case of emergency endangering health or the environment involving this product, call 888-208-1368.

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.

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 must 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. Offer for recycling if available, or dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Use Directions for Turf

This product 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. 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

This product may be used on seeded, sodded, or sprigged lawns and ornamental turfs that are well-established. Initial application of this product should be made only after turfgrasses have developed a vigorous root system, a uniform stand, and have received at least two mowings following seeding, sodding, or sprigging. Use of this product on turfgrasses that are not well-established, or weakened by stress from weather, pests, disease, chemical, or mechanical influences, may increase the chances of turf injury. Sweep any product that lands on the driveway, sidewalk, or street back onto lawn and garden.

• Florida Applications: Do not exceed 6 applications per year on bermudagrass in the south. Do not apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application or more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.

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 palustris	bahiagrass	Paspalum notatum
bluegrass, Kentucky	Poa pratensis	bermudagrass	Cynodon dactylon
fescue, fine ††	Festuca rubra	buffalograss †††	Buchloe dactyloides
fescue, tall	Festuca arundinacea	carpetgrass	Axonopus affinis
ryegrass, perennial	Lolium perenne	centipedegrass	Eremochloa ophiuroides
		kikuyugrass	Pennisetum clandestinum
		St. Augustinegrass	Stenotaphrum secundatum
		zoysiagrass	Zoysia japonica

† Use of this product on certain varieties of creeping bentgrass, such as 'cohansey', 'carmen', seaside', and 'Washington' may result in undesirable turfgrass injury. Not all varieties of creeping bentgrass have been tested. Do not apply this product to colonial bentgrass (Agrostis tenuis).

†† Use of this product on certain varieties of fine fescue may result in undesirable turf injury. 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', 'tamara', 'tatjana', 'waldorf', and 'waldina'. Not all varieties of fine fescue have been tested.

††† Do not use this product on seedling buffalograss in the spring of the first year of establishment until the turfgrass is fully green and has established new roots.

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 use rates, prior to initiating large-scale use.

Precautions for Reseeding, Overseeding, or Sprigging

- Reseeding, overseeding, or sprigging of areas treated with this product within 10 weeks after a single application of this product or within 16 weeks after a split application program totaling 7.7 lb/1000 sq ft (0.5 lb active ingredient per acre) or more may inhibit the establishment of desirable turfgrasses.
- When reseeding or overseeding, follow established cultural practices for seedbed preparation, seeding, irrigation and fertilization.
- For best overseeding results, use mechanical or power seeding equipment (slit seeders) designed to provide good contact between soil and seed.

Precautions for Control of Crabgrass

Early postemergence weed control with this product is limited to crabgrass. Postemergence application effectively controls crabgrass, but only if application is made prior to the 3-leaf stage of growth or first tiller. For best results, cultural practices that disturb the soil, such as core-, spike-, or hydro-aerification, and verticutting, should be done before application of this product. **Do not** apply this product until turfgrass has recovered from the mechanical injury caused by these cultural practices.

DITHIOPYR | GROUP 3 | HERBICIDE

Use Restrictions

- **Do not** use clippings from treated turf for mulching around vegetables or fruit trees.
- **Do not** allow people or pets to enter treated area until dust has settled.
- **Do not** graze livestock or feed forage cut from areas treated with this product.

Application Directions for Turf

Apply this product with equipment that provides a uniform particle distribution. Calibrate application equipment prior to usage. Avoid streaking, skips, or excess overlaps during application.

Preemergence Application Rates, Frequency and Timing

For preemergence grass and broadleaf weed control, apply this product as single or sequential application at 167 to 333 pounds (0.25 to 0.5 lb active ingredient) per acre. Applicators may choose to make a single application or sequential applications at 167 to 333 pounds per acre at 5 to 10 week intervals based on one or more of the factors listed below

- Length of residual weed control desired
- Height of turf (lower cut turf may require higher use rates)
- History and success of weed control at the application site (use higher listed application rates if herbicide treatment history is unknown or weed control was poor with previous applications)
- Exposure to high temperatures and heavy rainfall or irrigation (this will shorten the residual preemergence performance)
- On turf sites adjacent to hard surfaces including driveways, sidewalks and parking lots where residual activity may be reduced
- Some target weed species (such as but not limited to Poa annua, goosegrass and sandbur) will require higher use rates

Tips for Improved Weed Control

- For best results, apply this product within 2 to 3 days after mowing and delay mowing again for 2 to 3 days after the application.
- The turf herbicide and fertilizer components in this product are not effective until activated by rainfall or irrigation. Performance is improved if application is followed by 1/2 inch of rainfall or sprinkler irrigation. Erratic weed control may result if not activated by rainfall or irrigation within 30 days after application.

Maximum Use Rates (Applies to all Turfgrass Uses)

- **Do not** apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application.
- **Do not** apply more than 6 times per year and do not apply more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.
- **To minimize the potential for turfgrass injury, do not make applications within five weeks of the previous application.**
- In the state of New York, this product may be applied only by commercial applicators at no more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.

Control of Crabgrass
Preemergence and Early Postemergence Applicationsl from Late Winter through Summer

- This product provides "preemergence" control of crabgrass in established turfgrasses (including the large, smooth, and southern species) when applied prior to germination and emergence of crabgrass at use rates from 167 to 333 pounds of product (0.25 to 0.5 lb ai) per acre.
- This product also provides "early postemergence" control of crabgrass if applied in late spring or early summer prior to the 3-leaf stage of growth or first tiller as described below. This stage of growth generally corresponds to the time when crabgrass seedlings first become visible in the established turfgrass. The practical benefit of early postemergence crabgrass control is a 2 - 4 week longer period of time (window of application) during which crabgrass control can be achieved.

Fall Applications

This product can also be applied in the late summer through early fall (late August through November) at use rates from 167 to 333 pounds per acre to provide control of crabgrass through the early part of the next spring. Fall application of this product may be followed by an appropriately timed application in the following spring for season-long control of crabgrass.

Weeds Controlled or Suppressed
Spring Applications

When applied preemergence (prior to germination) for control of crabgrass in the spring, this product will also control or suppress the following weeds.

Grasses		Broadleaf Weeds	
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 aviculare
crabgrass, Southern	Digitaria ciliaris	lespedeza, common †	Lespedeza striata
crowfootgrass †	Dactyloctenium aegyptium	marestail	Conyza canadensis
dallisgrass (seedling)	Paspalum dilatatum	medic, black	Medicago lupulina
goosegrass	Eleusine indica	mustard	Brassica spp.
foxtail, green	Setaria verdi	oxalis, buttercup	Oxalis pes-caprae
foxtail, yellow	Setaria faberi	pineappleweed †	Matricaria matricarioides
kikuyugrass †	Pennisetum clandestinum	pigweed, redroot	Amaranthus retroflexus
oats, wild	Avena fatua	parsley-piert †	Alchemilla arvensis
ryegrass (annual & perennial)	Lolium spp.	purslane, common	Portulaca oleracea
sandbur	Cenchrus spp.	rocket, London	Sisymbrium irio
smutgrass	Sporobolus indicus	shepherdspurse	Capsella bursa-pastoris
		speedwell, corn †	Veronica arvensis
		spurge, garden	Euphorbia hirta
		spurge, prostrate	Euphorbia humistrata
		spurge, spotted	Euphorbia maculata
		woodsorrel, creeping	Oxalis corniculata
†Suppression only		woodsorrel, yellow	Oxalis stricta

Fall Applications

When applied preemergence (prior to germination) in late summer through early fall (late August through November) this product will control or suppress the following weeds in addition to providing preemergence control of crabgrass in the following spring.

bluegrass, annual	Poa annua
bittercress	Cardamine spp.
chickweed	Stellaria spp.
henbit	Lamium spp.
geranium, Carolina	Geranium carolinianum
parsley-piert	Alchemilla arvensis
pineappleweed	Matricaria matricarioides
shepherdspurse	Capsella bursa-pastoris

rev: RC A/24

Distributed by:
Lebanon Seaboard Corporation
1600 E. Cumberland St. • Lebanon, PA 17042

Net Weight 50 LBS. (22.7 kg)

Weed Resistance Management

This product, 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 Dimension 0.15% FG 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 Dimension 0.15% FG 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.

Application Instructions and Equipment

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

Use Directions for Landscape Ornamentals

This product provides preemergence control or suppression of listed annual grass and broadleaf weeds in plantings of ornamental plants listed on this label. This product may be applied in ornamental gardens, parks, golf courses and residential areas where ornamental plants are grown for aesthetic purposes. Apply this product with a properly calibrated spreader that will provide uniform particle distribution. Follow instructions in the "Application Instructions and Equipment" section above.

Use Rates

This product may be applied as a single application or split application. Split or sequential applications may be used to provide improved weed control or to provide extended weed control in areas with long growing seasons. To make a split application, divide the rate in the following table into separate applications made 5-10 weeks apart. Sequential applications may be made in the late summer following a spring application or in the spring after a fall application, provided maximum application rates per year given below are not exceeded.

Pounds of Product/Acre	Pounds of Product/1000 sq ft	Pounds of Product/100 sq ft †
333	7.7	0.77 (12.3 oz)

† Rate based on an area of 100 sq ft for treatment of small areas.

Maximum Use Rates

- **Do not** apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application.
- **Do not** apply more than 6 times per year and do not apply more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.
- To minimize the potential for plant injury, do not make additional applications within five weeks of the previous application.
- In the state of New York, this product may be applied only by commercial applicators at no more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.

Application Timing and Restrictions

This product is effective as a preemergence herbicide, but will not control established weeds. Applications to mulched areas or bare ground must be made prior to weed seed germination. The best weed control is obtained when applied to soil that is free of clods, weeds and debris such as leaves. Existing weedy vegetation may be controlled by hand weeding, cultivation or using postemergence herbicides prior to application.

Tips for Improved Weed Control

- The herbicide and fertilizer components in this product are not effective until activated by rainfall or irrigation. Performance is improved if application is followed by 1/2 inch of rainfall or sprinkler irrigation. Erratic weed control may result if not activated by rainfall or irrigation within 30 days after application.
- Avoid disturbance of treated areas. Loss of weed control may result if the treated soil surface is disturbed by soil mixing or tillage.

Use Precautions

- To avoid foliar damage to ornamentals, irrigate immediately after application to remove any herbicide granules adhering to foliage.

Use Restrictions

- **Do not** apply this product directly to bare roots of ornamental plants as injury may result.
- **Do not** incorporate this product into soil. Dilution of active ingredient and possible injury to plant roots may occur.
- **Do not** apply to soil around ornamental plants that are under stress resulting from drought, flooding, excessive fertilizer or soil salts, wind injury, hail, frost damage, winter injury, injury from previously applied pesticides, or damage due to insects, nematodes or disease.
- **Do not** apply under conditions that would affect uniformity of application or distribution on the soil surface. Uneven product distribution will result in uneven weed control. Application under windy conditions can result in uneven distribution or cause herbicide granules to drift from the intended treatment area.
- Apply this product only to established ornamentals
- **Do not** use on food producing trees and ornamentals

Weeds Controlled or Suppressed

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

Tolerant Ornamentals

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

Common Name	Botanical Name	Tolerant Cultivars
abelia, dwarf	Abelia X grandiflora	nana
ajuga	Ajuga reptans	bronze
	Ajuga genevensis	bronze beauty
almond, flowering	Prunus gladulosa	
apple †	Malus pumila	
arborvitae	Thuja occidentalis	nigra
		pyramidalis
		smaragh
		techny
		woodwardii
arborvitae, golden	Thuja orientalis	
aster, Chinese	Callistephus chinensis	dwarf queen
ash, green	Fraxinus pennsylvanica	
ash, mountain	Sorbus aucuparia	
ash, purple	Fraxinus americana	
azalea	Rhododendron spp.	brilliant
		buccaneer
		carror
		chimes (belgian)
		elsie lee
		exbury
		fashion
		hardijzer beauty
		hershey red
		higasa
		hinocrimson
		holland (hybrid)
		marion lee
		northern lights
		orange cup
		orchid lights
		snow
		southern charm
azalea, flame	Rhododendron calendulaceum	
azalea, kirishima		
bamboo, heavenly		
barberry	Berberis thunbergii	aurea
		dwarf pigmy
		green
		kobold
		pygmy red
		rose glow
barberry, purple		atropurpurea
basket flower	Gaillardia grandiflora	
bearberry (common)	Arctostaphylos uva-ursi	Massachusetts
bee balm	Monarda didyma	
begonia	Begonia spp.	
birch, river	Betula nigra	
blackeyed Susan	Rudbeckia hirta	goldstrum
blanket flower	Gaillardia spp.	
blueberry †	Vaccinium spp.	bluecrop
		blue jay
		jersey
		north blue
		northland
bottlebrush	Callistemon citrinus	
boxwood, Japanese		japonica
boxwood, weller	Buxus sempervirens	
broom	Cytisus spp.	moonlight
	Genista pilosa	Vancouver gold
bugle carpet		
camellia	Camellia japonica	debutante
		mathotiana supreme
		chansonette
	Camellia sasanqua	
candy tuft	Iberis spp.	snow white
carex, variegated	Carex	
cedar, red	Juniperus virginiana	
celosia	Celosia spp.	
centaura	Centaurea montana	
cockscomb, plumosa	Celosia cristata	scarlet plumosa
coleus	Coleus blumei	red kewpie
columbine	Aguilegia spp.	
copper leaf	Acalypha wilkesiana	
coreopsis	Coreopsis spp.	moonbeam
corn flower	Centaurea spp.	
cotoneaster	Cotoneaster apiculatus	
coyotebrush	Baccharis pilularis	
cycads	Cycads revoluta	
cypress, bald	Taxodium distichum	
cypress, Italian	Cupressus sempervirens	glauca
cypress, Japanese false	Chamaecyparis obtusa	gracilis
cypress, leyland	Cupressocyparis leylandii	
daffodil	Narcissus spp.	King Alfred
daylilly	Hemerocallis spp.	aztec gold
		bright yellow (hybrid)
		single gold (evergreen)
		wilsonis yellow
dianthus (sweet williiam)	Dianthus spp.	
delphinium	Delphinium spp.	magic fountain
dogwood	Cornus florida	
dogwood, American	Cornus sericea	flavarimaea
douglas fir	Pseudotsuga menziesii	
dusty miller	Senecio cineraria	
elm, drake	Ulmus parvifolia	
euonymus	Euonymus fortunei	argenteo-variegata
		auereo-marginata
		colorata
		emerald gaiety
		emerald én gold
		gold edge
		gold princess
		silver king
		tricolor
		vegetus

Common Name	Botanical Name	Tolerant Cultivars
fan palm, European	Chamaerops humilis	
fan palm, Mexican	Washingtonia robusta	
fern (various)	Asparagus spp.	
fescue	Festuca glauca	
fetterbush	Leucothoe fontanesiana	rainbow
ficus	Ficus retusa	nitidia
fir fraser	Abies fraseri	
forsythia	Forsythia X intermedia	Arnold dwarf
		bronxensis dwarf
		lynwood gold
		meadowlark
	Spring Glory	weeping
fuchsia	Fuchsia spp.	
galium	Galium ordoratum	
gardenia	Gardenia jasminoides	mystery
		radicans
geranium	Pelargonium X hortorum	
gum	Eucalyptus citriodora	
hawthorn	Crataegus spp.	cockspur white
		crimson cloud
		enchantress
		Jack Evans
		Washington white
heather, twisted	Erica cinerea	Mediterranean pink
hemlock, Canada	Tsuga canadensis	
hibiscus	Hibiscus spp.	blue bird
		brilliant
		hula girl
holly	Ilex spp.	blue boy
		blue girl
	Ilex X meserveae	burfodii
		china girl
		compacta
		forsteri
		hellerie
		Japanese northern beauty
		needlepoint
		Nellie R. Stevens
	Ilex X attenuata	Savannah
holly, Chinese	Ilex cornuta	
holly, Japanese	Ilex crenata	
holly, yaupon	Ilex vomitoria	
honeysuckle	Lonicera japonica	claveyis dwarf
		halliana
		tatarian Canadian white
		zebelli red hosta
hosta	Hosta spp.	albo marginata
	Hosta lancifolia	
ice plant	Carpobrotus edulis	
impatiens	Impatiens spp.	
iris	Iris spp.	dwarf blue
		wedgewood
ivy, English	Hedera helix	bulgaria
		thorndale
jasmine, Asian	Trachelospermum asiaticum	
juniper	Juniperus spp.	arcadia
		armstrong
		bar harbor
	Juniperus horizontalis	blue chip
		blue pacific
		blue rug
	Juniperus horizontalis	blue star
		broadmoor
		buffalo
		Calgary carpet
		emerald sea
		emerald spreader
		endora compacta
		fruitlandi
		green
		gold tip
		hetzi
		hughes
		Manhattan blue
		parsoni
		pfitzeriana
		plumosa
		prince of Wales
		procumbens dwarf
		San Jose
		sargent blue
		sargent green
		scandia
		scopulorum moonglow
		scopulorum skyrocket
		spartan
	Juniperus chinensis	tamariscifolia
	Juniperus sabina	weberi
		youngstown
		yukon belle
king palm	Archontophoenix cunninghamiana	
laurel, Australian	Pittosporum tobira	
laurel, mountain	Kalmia latifolia	
leucothoe	Leucothoe fontanesiana	
ligustrum, Japanese	Ligustrum japonicum	
lily, African	Agapanthus africanus	albus
		Peter Pan
lily, African blue		
lily of the valley	Pieris japonica	Mt. Fire
lilyturf	Liriope muscari	evergreen giant
		lilac beauty
		majestic
		monroe white
		variegata
liriope, green	Liriope spicata	

Common Name	Botanical Name	Tolerant Cultivars
maple, Japanese	Acer japonicum	
maple, Norway	Acer platanoides	
maple, red †	Acer rubrum	
maple, silver	Acer saccharinum	
maple, sugar †	Acer saccharum	
marigold	Tagetes patula	honeycomb
		variegata
		wheeleris dwarf
mock orange †	Philadelphus spp	golden
		snowflake double white
mondo grass	Ophiopogon japonicus	
moss rose	Portulaca grandiflora	sunnyside
myrtle, crape	Lagerstroemia indica	faurei
		langer
		muskogee
		standard pink
myrtle, wax	Myrica cerifera	
nandina	Nandina domestica	compacta
		nana
narcissus	Narcissus spp.	
oak, laurel	Quercus laurifolia	
oak, pin	Quercus palustris	
oak, red	Quercus rubra	
oak, southern	Quercus virginiana	
oak, willow	Quercus phellos	
oleander	Nerium oleander	hardy red
		petite pink
		Sister Agnes
osteospermum	Osteospermum fruticosum	wirligig
pachysandra	Pachysandra terminalis	
palm, bangalow		
pampas grass	Cortaderia selloana	
pansy	Viola x wittrockiana	
paper flower	Bougainvillea glabra	Barbara karst
peach †	Prunus persica	
periwinkle, dwarf	Vinca minor	
petunia	Petunia X hybrida	picoti
photinia, red tip	Photinia X fraseri	
pieris	Pieris japonica	
pine, Australian	Pinus nigra	
pine, Japanese black	Pinus thunbergiana	
pine, loblolly	Pinus taeda	
pine, longleaf	Pinus palustris	
pine, mugo	Pinus mugho	
pine, Scotch	Pinus sylvestris	
pine, slash	Pinus elliottii	
pine, Swiss mt.	Pinus mugo	
pine, Virginia	Pinus virginiana	
pine, white	Pinus strobus	
pineapple, guava †	Feijoa sellowiana	
pieris	Pieris taiwanensis	
pittosporum, Japan		
potentilla	Potentilla nepalensis	abbotswood
	Potentilla fruticosa	
privet	Ligustrum japonicum	golden vicary
		regal
		texanum
		wax
		yellow tipped
privet, glossy	Ligustrum lucidum	
pyracantha	Pyracantha koidzumii	gnome
		lalandei
		victory
queen palm	Arecastrum rammanzoffianum	
quince, Japanese †		
rhododendron	Rhododendron spp	album
		Cunningham white
		fashion
		hardy
		pjm
		purple gem
		silvery pink
rhododendron, carolina	Rhododendron carolinianum	
rhododendron, catawba	Rhododendron catawbiense	
rockcress	Arabis spp.	snowcap
rhodie max (rosebay)	Rhododendron maximum	
rose †	Rosa banksiae	luta
rosemary †	Rosmarinus officinalis	
rosemary, bog	Andromeda polifolia	nana
salvia	Salvia farinacea	rhea
sedum	Sedum spurium	dragon blood red
		red carpet
		yellow
snapdragon	Antirrhinum spp.	
sourwood	Oxydendrum arboreum	
spiraea	Astilbe X arendsii	fanall
spiraea	Spiraea spp.	Anthony waterer red
		dolchica
		froebeli pink
		goldenflame red
		snowmound white
		Van Houtte white
spiraea, garland	Spiraea spp.	
spruce, black hills	Picea glauca	
spruce, Colorado blue	Picea pungens	
spruce, norway	Picea abies	
spruce, white	Picea glauca	conica
sweetflag, grassyy-le		
sweetgum	Liquidambar styraciflua	
sycamore	Platanus occidentalis	
tree fern (tiki fern)	Asparagus virgatus	
trumpet flower, evening	Gelsemium sempervirens	
tulip	Tulip, spp	apeldoorn
verbena, shrub	Lantana sellowiana	
vervain	Verbena spp.	St. Paul

Common Name	Botanical Name	Tolerant Cultivars
viburnum	Viburnum spp.	American cranberry bush
		arrowood
		common snowball
		European cranberry bush
		linden
		Mohican
		Wright
vinca (periwinkle)	Vinca minor	
windmill palm	Trachycarpus fortunei	
xylosma	Xylosma congestum	
yarrow	Achillea spp.	
yaupon	Ilex vomitoria	dwarf
yew	Taxus cuspidata	denisiformis
	Taxus X media	

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

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