# Lebanon Pro



DITHIOPYR GROUP 3 HERBICIDE

**FERTILIZER** with

# Dimension® 0.15% FG

**Turf and Ornamental Herbicide** 

## **GUARANTEED FERTILIZER ANALYSIS**

Total Nitrogen (N) ......13% 13.0% Urea Nitrogen\* Soluble Potash (K<sub>2</sub>O) ......5%

Derived From: Urea, Polymer Coated Urea, Muriate of Potash.

\*4.0 % Slow Release Nitrogen from Polymer Coated Urea

Chlorine (CI) not more than......4%



22-41039

Information regarding the contents and levels of metals in this product is available on the Internet at: http://www.regulatory-info-lebsea.com

Calibration Settings at Specified Rate				
Spreader 2	2.9# /1,000 FT <sup>2</sup>	3.8# /1,000 FT <sup>2</sup>	5.8# /1,000 FT <sup>2</sup>	7.7#/ 1,000 FT <sup>2</sup>
LebanonTurf	41/2	43/4	51/2	61/2
<b>Andersons AccuPro</b>	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/Numeri	ic) i/17	J/21	L/24	N/28
PennMulch HVO	Ĺ	N	P	S
ProScape SS	L	N	P	S
Spyker .	41/2	43/4	<b>5</b> ½	61/2
Vicon (all models)	24	26	31	34
These settings were	e calibrated and	l field tested. Howe	ver, age and conditi	ion of spreader, spee

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.

dithiopyr: 3,5- pyridinedicarbothioic acid,2-(difluoromethyl)- 4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester...

0.15% EPA Reg. No. 62719-504-961

Cool-Season Grasses

bentgrass, creeping †

bluegrass, Kentucky

ryegrass, perennia

fescue, fine ††

EPA Est. No. 961-PA-01: 961-IL-01

**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

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

nade 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 nfluences, 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 sequent

Warm-Season Grasses

Paspalum notatun

Cynodon dactylon

Buchloe dactyloides

Eremochloa ophiuroides

Pennisetum clandestinum

Stenotaphrum secundatum

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

bahiagrass

bermudagrass

kikuyugrass St. Augustinegrass

buffalograss ††

• 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.

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

established ornamentals identified as "Tolerant Ornamentals" elsewhere in this label.

Agrostis palustri

Poa pratensis

Festuca rubra

Festuca arundinacea

Dimension is a trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow. Lebanon is a registered trademark of Lebanon Seabord Corporation

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

## **KEEP OUT OF REACH OF CHILDREN** CAUTION

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

Causes Eve 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 individual

# **Environmental Hazards**

CAUTION

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** 

# 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.

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

††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.

† 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



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

Manufactured by:

Lebanon Seaboard Corporation 1600 E. Cumberland St. • Lebanon, PA 17042 800-233-0628 • (717) 273-1685

www.LebanonTurf.com

**NET WT. 50 LBS. (22.7 KG.)** 

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 iniury caused by these cultural practices.

- 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 Dimension® 0.15% FG turf and ornamental herbicide 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 limes 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

Control of Crabgrass

Preemergence and Early Postemergence Applications 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 gan be achieved. 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	
		woodsorrel, yellow	Oxalis stricta	

## † Suppression only

## 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	Cansella bursa-pastoris

# **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 this product 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 this product 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 Check equipment frequently to verify calibration and proper functioning. **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

aft	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.
- 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.
- To minimize the potential for plant injury, do not make additional applications within five weeks of the previous application.

# 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, it is recommended that a few plants in a limited area be treated and observed for tolerance under local growing conditions prior to large-scale use

Common Name abelia, dwarf	Botanical Name Abelia X grandiflora	Tolerant Cultivars	Common Name	Botanical Name Juniperus horizontalis	Tolerant Cultivars blue star
ajuga	Ajuga reptans Ajuga genevensis	bronze bronze beauty			broadmoor buffalo
almond, flowering apple †	Prunus gladulosa Malus pumila				Calgary carpet emerald sea
arborvitae	Thuja occidentalis	nigra pyramidalis			emerald spreader endora compacta
		smaragh techny			fruitlandi green
arborvitae, golden	Thuja orientalis	woodwardii			gold tip hetzi
aster, Chinese ash, green	Callistephus chinensis Fraxinus pennsylvanica	dwarf queen			hughes Manhattan blue
ash, mountain ash, purple	Sorbus aucuparia Fraxinus americana				parsoni pfitzeriana
azalea	Rhododendron spp.	brilliant buccaneer			plumosa prince of Wales
		carror chimes (belgian)			procumbens dwarf San Jose
		elsie lee exbury			sargent blue sargent green
		fashion hardijzer beauty			scandia scopulorum moonglo
		hershey red higasa			scopulorum skyrocke spartan
		hinocrimson holland (hybrid)		Juniperus chinensis Juniperus sabina	tamariscifolia weberi
		marion lee northern lights	king nolm	Arabantanhaaniy aynainghamiana	youngstown yukon belle
		orange cup orchid lights snow	king palm laurel, Australian laurel, mountain	Archontophoenix cunninghamiana Pittosporum tobira Kalmia latifolia	
azalea, flame	Rhododendron calendulaceum	southern charm	leucothoe ligustrum, Japanese	Leucothoe fontanesiana Ligustrum japonicum	
azalea, kirishima bamboo, heavenly	Thousacturon calchadaccum		lily, African	Agapanthus africanus	albus Peter Pan
barberry	Berberis thunbergii	aurea dwarf pigmy	lily, African blue	Pieris japonica	Mt. Fire
		green kobold	lilyturf	Liriope muscari	evergreen giant lilac beauty
		pygmy red rose glow			majestic monroe white
barberry, purple basket flower	Gaillardia grandiflora	atropurpurea	liriope, green	Liriope spicata	variegata
bearberry (common) bee balm	Arctostaphylos uva-ursi Monarda didyma	Massachusetts	maple, Japanese maple, Norway	Acer japonicum Acer platanoides	
begonia birch, river	Begonia spp.  Betula nigra		maple, red † maple, silver	Acer rubrum Acer saccharinum	
blackeyed Susan blanket flower	Rudbeckia hirta Gaillardia spp.	goldstrum	maple, sugar † marigold	Acer saccharum Tagetes patula	honeycomb
blueberry †	Vaccinium spp.	bluecrop blue jay	"	J	variegata wheeleris dwarf
		jersey north blue	mock orange †	Philadelphus spp	golden snowflake double wh
bottlebrush	Callistemon citrinus	northland	mondo grass moss rose	Ophiopogon japonicus Portulaca grandiflora	sunnyside
boxwood, Japanese boxwood, weller	Buxus sempervirens	japonica	myrtle, crape	Lagerstroemia indica	faurei langer
broom	Cytisus spp. Genista pilosa	moonlight Vancouver gold			muskogee standard pink
bugle carpet camellia	Camellia japonica	debutante	myrtle, wax nandina	Myrica cerifera Nandina domestica	compacta
		mathotiana supreme chansonette	narcissus	Narcissus spp.	nana
candy tuft	Camellia sasanqua Iberis spp.	snow white	oak, laurel oak, pin	Quercus laurifolia Quercus palustris	
carex, variegated cedar, red	Carex Juniperus virginiana		oak, red oak, southern	Quercus rubra Quercus virginiana	
celosia centaura	Celosia spp. Centaurea montana		oak, willow oleander	Quercus phellos Nerium oleander	hardy red
cockscomb, plumosa coleus	Celosia cristata Coleus blumei	scarlet plumosa red kewpie			petite pink Sister Agnes
columbine copper leaf	Aguilegia spp. Acalypha wilkesiana		osteospermum pachysandra	Osteospermum fruticosum Pachysandra terminalis	wirligig
coreopsis corn flower	Coreopsis spp. Centaurea spp.	moonbeam	palm, bangalow pampas grass	Cortaderia selloana	
cotoneaster coyotebrush	Cotoneaster apiculatus Baccharis pilularis		pansy paper flower	Viola x wittrockiana Bougainvillea glabra	Barbara karst
cycads cypress, bald	Cycads revoluta Taxodium distichum		peach † periwinkle, dwarf	Prunus persica Vinca minor	
cypress, Italian cypress, Japanese false	Cupressus sempervirens Chamaecyparis obtusa	glauca gracilis	petunia photinia, red tip	Petunia X hybrida Photinia X fraseri	picoti
cypress, leyland daffodil	Cupressocyparis leylandii Narcissus spp.	King Alfred	pieris pine, Australian	Pieris japonica Pinus nigra	
daylilly	Hemerocallis spp.	aztec gold bright yellow (hybrid)	pine, Japanese black pine, loblolly	Pinus thunbergiana Pinus taeda	
	5: "	single gold (evergreen) wilsonís yellow	pine, longleaf pine, mugo	Pinus palustris Pinus mugho	
dianthus (sweet william) delphinium	Dianthus spp. Delphinium spp.	magic fountain	pine, Scotch pine, slash	Pinus sylvestris Pinus elliottii	
dogwood dogwood, American douglas fir	Cornus florida Cornus sericea Pseudotsuga menziesii	flavarimaea	pine, Swiss mt. pine, Virginia pine, white	Pinus mugo Pinus virginiana Pinus strobus	
dusty miller elm, drake	Senecio cineraria Ulmus parvifolia		pineapple, guava †	Feijoa sellowiana Pieris taiwanensis	
euonymus	Euonymus fortunei	argenteo-variegata auereo-marginata	pittosporum, Japan potentilla	Potentilla nepalensis	abbotswood
		colorata emerald gaiety	privet	Potentilla fruticosa Ligustrum japonicum	golden vicary
		emerald en gold gold edge	privet	Ligustiani japonicani	regal texanum
		gold odgs gold princess silver king			wax yellow tipped
		tricolor vegetus	privet, glossy	Ligustrum lucidum Pyracantha koidzumii	gnome
fan palm, European fan palm, Mexican	Chamaerops humilis Washingtonia robusta	,	r)	, , source noneurin	lalandei victory
fern (various)	Asparagus spp. Festuca glauca		queen palm quince, Japanese †	Arecastrum rammanzoffianum	,
fetterbush ficus	Leucothoe fontanesiana Ficus retusa	rainbow nitidia	rhododendron	Rhododendron spp	album Cunningham white
fir fraser forsythia	Abies fraseri Forsythia X intermedia	Arnold dwarf			fashion hardy
-	,	bronxensis dwarf lynwood gold			pjm purple gem
	Spring Glory	meadowlark weeping	rhododendron, carolina	Rhododendron carolinianum	silvery pink
fuchsia galium	Fuchsia spp. Galium ordoratum	. 0	rhododendron, catawba rockcress	Rhododendron catawbiense Arabis spp.	snowcap
gardenia	Gardenia jasminoides	mystery radicans	rhodie max (rosebay) rose †	Rhododendron maximum Rosa banksiae	luta
geranium gum	Pelargonium X hortorum Eucalyptus citriodora		rosemary † rosemary, bog	Rosmarinus officinalis Andromeda polifolia	nana
ňawthorn	Crataégus spp.	cockspur white crimson cloud	salvia sedum	Salvia farinacea Sedum spurium	rhea dragon blood red
		enchantress Jack Evans			red carpet yellow
heather, twisted	Erica cinerea	Washington white Mediterranean pink	snapdragon sourwood	Antirrhinum spp. Oxydendrum arboreum	fonell
hemlock, Canada hibiscus	Tsuga canadensis Hibiscus spp.	blue bird brilliant	spiraea spiraea	Astilbe X arendsii Spiraea spp.	fanall Anthony waterer red
holly	llex spp.	hula girl blue boy			dolchica froebeli pink goldenflame red
	llex X meserveae	blue girl burfodii			snowmound white Van Houtte white
		china girl compacta	spiraea, garland spruce, black hills	Spiraea spp. Picea glauca	WHILE
		forsteri hellerie	spruce, Colorado blue spruce, norway	Picea gladica Picea pungens Picea abies	
		Japanese northern beauty needlepoint	spruce, norway spruce, white sweetflag, grassy-le	Picea ables Picea glauca	conica
	llex X attenuata	Nellie R. Stevens Savannah	sweetigum sycamore	Liquidambar styraciflua Platanus occidentalis	
holly, Chinese holly, Japanese	llex cornuta llex crenata		tree fern (tiki fern) trumpet flower, evening	Asparagus virgatus Gelsemium sempervirens	
holly, yaupon honeysuckle	Ilex vomitoria Lonicera japonica	claveyís dwarf	tulip tulip verbena, shrub	Tulip spp.  Lantana sellowiana	apeldoorn
, · ==	- 3 m	halliana tatarian Canadian white	vervain viburnum	Verbena spp. Viburnum spp.	St. Paul American cranberry bu
hosta	Hosta spp.	zebelli red hosta albo marginata	· ····		arrowood common snowball
ice plant	Hosta lancifolia Carpobrotus edulis				European cranberry bu linden
impatiens iris	Impatiens spp. Iris spp.	dwarf blue			Mohican Wright
ivy, English	Hedera helix	wedgewood bulgaria	vinca (periwinkle) windmill palm	Vinca minor Trachycarpus fortunei	
jasmine, Asian	Trachelospermum asiaticum	thorndale	xylosma yarrow	Xylosma congestum Achillea spp.	
juniper	Juniperus spp.	arcadia armstrong	yaupon yew	llex vomitoria Taxus cuspidata	dwarf denisiformis
	Juniperus horizontalis	bar harbor blue chip	ľ	Taxus X media  nly: Do not use on food producing trees a	
	i .	blue pacific	•	. •	

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