

EPA Reg. Number:

r:

Date of Issuance:

34704-987

12-11-07

Term of Issuance:

Conditional

Name of Pesticide Product:

Dimension* 0.1% PLUS Fertilizer

U.S. ENVIRONMENTAL PROTECTION AGENC

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

NOTICE OF PESTICIDE:

<u>X</u> Registration

__ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Loveland Products, Inc.

P.O. Box 1286

Greeley, CO 80632-1286

Sote: Changes in labeling differing in substance from that accepted to connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(a) provided you agree in writing to:

- 1. Add the phrase "EPA Registration No. 34704-987" to the label before you release the product for shipment.
- 2. To the Environmental Hazards add "rinseate" after "washwaters".
- 3. To the Storage and Disposal Section change "Storage" to "Pesticide Storage" and "Disposal" to "Pesticide Disposal".
- 4. Submit to this Agency a copy of the purchasing order or bill of sales showing the source of the product names on the Formulator's Exemption Statement dated September 6, 2007 and with which this product is to be manufactured: prior to manufacturing this pesticide product.
- 5. Submit one copy of the final printed labeling before you release this product for shipment.
- 6. Submit and or cite all data required for the registration of this product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of this product under FIFRA, section 4.

If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6e. Your release for shipment of the product under the enclosed stamped copy of the label constitutes acceptance of these conditions.		
Signature of Approving Official:	Date:	
Erik Kraft, Acting Product Manager 23 Herbicide Branch, Registration Division (7505P)	12-11-07	

You will submit one copy of your final printed labeling before you release the product for shipment. A stamped copy of labeling is enclosed for your records. If you have any questions please contact Erik Kraft at 703-308-9358.



Dimension * 0.1% Plus Fertilizer

ACCEPTED with COMMENTS in EPA Letter Dated

Under the Federal Insecticide, Pangicide, and Rodenticide Act as amended, for the pesticide segistered under EPA Reg. No.

34704-977

Turf and Ornamental Herbicide

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.

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

in the state of New York, this product may be applied only by commercial applicators at no more than 500 lb (0.5 lb active ingredient) per acre (11.5 lb per 1000 sq ft) per year. Use of this product in Nassau and Sutfelk counties of New York is prohibited.

ACTIVE INGREDIENT

dithiopyr: 3,5-pyridinedicarbothicic acid,		
2-{difluoromethyl)-4-(2-methylpropyl)-6-		
(trifluoromethyl)-S,S-dimethyl ester		0.1%
INERT INGREDIENTS		. 99.9%
	TOTAL	100.0%

This product contains 0.05 pound of the active ingredient dithlopyr per 50 pound bag. Product protected by U.S. Patent No. 4,692,184. Other patents pending.

'Trademark of Dow Agrosciences LLC Notice: Read the entire label. Use only according to label directions. Before using this product, read CONDITIONS OF SALE AND LIMITATION OF WAR-RANTY AND LIABILITY. If terms are unacceptable, return at once unopened. Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

Guaranteed Fertilizer Analysis: XX-XX-XX

advice

Vater-Insoluble Nitrogen	XX9
otal Nitrogen (N)	XX9
Ammoniacal Nitrogen	
Urea Nitrogen	
wailable Phosphoric Acid (P205)	ХХ°
Soluble Potash (K ₂ 0)	XX٩
Calcium (Ca)	XX
Magnesium (Mg)	XX
Copper (Cu)	XX9
ron (Fe)	
flanganese (Mn)	
(inc (7n)	

†This product may be formulated with one or more of the following fertilizer 'materials: urea, methylene urea, sulfur coated urea, ammoniated phosphates, sulfate of potash, muriate of potash, copper oxide, iron oxide, manganese oxide, zinc oxide or limestone.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

Į	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.
i		then continue rinsing eye.
1		Call a poison control center or doctor for treatment advice.
	if Inhaled:	 Move person to fresh air if person is not breathing, call 911
ĺ	1	or an ambulance, then give artificial respiration, preferably
ł		mouth-to-mouth if possible.
1		• Call a poison control center or doctor for further treatment

Hot Line Number: Have the product container or label with you when calling a poison control center or doctor, or going for treatment, 1-800-301-7976.

EPA REG. NO. 34704-XXX EPA EST. NO. 34704-MS-001 **NET WEIGHT 50 LBS. (22.68 KG)**

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 contect 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 includnas product is toxic to tisis and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to furl areas adjacent to any body of water. Drift and runoff from treated furl 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 tavor drift from treated areas. Do not contaminate water when disposing of equipment washiwaters.

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. STORAGE: Store this product only in its original container in a dry, cool, secured storage area.

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.

EMPTY CONTAINER DISPOSAL: Do not reuse empty bag. 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, SPILL: In case of spill, sweep up material and dispose of material accord-

ing to "product disposal" directions listed above.

USE DIRECTIONS FOR TURF

This turf and ornamental herbicide provides season-long control of crabgrass and control or suppression of other listed annual grasses and broadlest weeds in established lawns and ornamental turfs, including gott 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 orna-mental turis that are well- established. Initial application of this product should be made only after turigrasses 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.

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

Cool-Season Grasses

bentgrass, creeping bluegrass, Kentucky tescue, fine^{††} fescue, tall ryegrass, perennial

Agrostis palustris Poa pratensis Festuca rubra Festuca arundinacea Lalium perenne



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Warm-Season Grasses

Bahiagrass Bermudagrass Buffalograss Carpelorass Centipedegrass Kikuyugrass St. Augustinearass Zoysiagrass

Paspalum notatum Cynodon dactylon Buchice dactyloides Axononus attinis Eremochioa ophiuroides Pennisetum clandestinum Stenotaphrum secundatum Zoysia japonica

Use of this product on certain varieties of creeping bentgrass, such as 'cohansey', 'carmen', seaside', and 'Washington' may result in undesirable turigrass injury. Not all varieties of creeping bentgrass have been tested.

tungrass injury. Not all varieties of creeping bentgrass nave been tested.

Do not apply this product to colonial bentgrass (Agrostis tenuis).

11 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', 'highifight', 'ivalo', 'Jamestown', 'koket', 'majenta', 'mary', 'pennlawn', 'tamara', 'tajena', 'waldorf, and 'waldina'. Not all varieties of line fescue have been tested.

1111Do not use this product on seedling buffatograss in the spring of the first year of establishment until the turfgrass is fully green and has established

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 turigrass varieties not listed on this label on a limited area, at recommended 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 totating 11.5 lb/1000 sq ft (0.5 lb active ingredient per acre) or more may inhibit the establishment of desirable turigrasses.
- 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-aerifica-tion, and verticutting, should be done before application of this product. Do not apply this product until turigrass has recovered from the mechanical injury caused by these cultural practices.

Other Use Precautions

- Do not use clippings from treated turf for mulching around vegetables or fruit
- 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

Application Directions for Turf Tips for Improved Weed Control

- · For best results, apply this product within a few days after mowing and delay mowing again for a few 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 ½ inch of rainfall or sprinkler irrigation. Erratic weed control may result if not activated by rainfall or irrigation within 30 days after
- Use of split (half-rate) applications spaced 5 10 weeks apart may provide

- Maximum Use Rates (Applies to all Turfgrase Uses)

 Do not apply more than 500 lb (0.5 lb active ingredient) per acre (11.5 lb per 1000 sq ll) per application or more than 1500 lb (1.5 lb active ingredient) per acre (34.5 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 500 to (0.5 to active ingredient) per acre (11.5 to per 1000 sq ft) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.

Control of Crabarass

Preemergence and Early Postemergence Control

- This product provides "preemergence" control of crabgrass in established turfgrasses (including large, smooth, and southern species) when applied prior to germination and emergence of crabgrass.
- This product also provides "early postemergence" control of crabgrass if applied 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

Application Frequence
This product may be application for crabgrass control in the spring, summer, or fall as described in the following use programs.

Spring Applications.

For applications made in the spring or early summer, use an appropriate application rate corresponding to one of the three control programs listed in Table 1. Specific rate recommendations are based on the user's location (Region). the mowing height of the turigrass, and whether the application timing is considered to be preemergence or early posternergence. The duration of residual weed control provided by this product is directly related to application rate, but will vary somewhat depending on weather, weed pressure, turgrass competitiveness, and the user's location within a region.

Use Program I for preemergence control at sites where turforass is cut relatively high (e.g., homeowner tawns). This program provides 3 - 5 months of preemergence crabgrass control. This program will also provide early postemergence control of crabgrass up to the 3-leaf stage or first titler at sites where turfgrass is cut relatively high (e.g., homeowner lawns).

Use Program 2 for preemergence control at sites where (a) turigrass is cut relatively low (e.g., golf fairways), and (b) turigrass maintenance or weed control has been conducted during the previous year. This program provides 4 trol has been controlled during the previous year. This program has also be used for earry postemergence crabgrass control. This program may also be used for early postemergence control of crabgrass up to the 3-leaf stage or first tiller at sites where turfgrass is cut relatively high (e.g., residential lawns).

Use Program 3 for preemergence control at sites where (a) turfgrass is cut observogram 3 for preemergence control at sites where (a) turigrass is cut relatively low (e.g., golf fairways) and (b) turi maintenance or weed control has not been conducted during the previous year. This program provides 4 - 6 months of preemergence crabgrass control. This program may also be used for early postemergence control of crabgrass up to the 3-leaf stage or first tiller at sites where turigrass is cut relatively low (e.g., golf fairways).

Table 1 Recommended Use Rates

Doeloo	Application	D		
Region	Rates	Program 1	Program 2	Program 3
All states, except	lb/acre	190	250	380
NY, and parts of	lb/1000 sq ft	4.4	5.7	8.7
states not included	lo ai/acre	0.19	0.25	0.38
in transition,				
south, coastal	}			
south or west. Transition: DE, KS.	ib/acre	250	380	
		5.7		500
KY, MD, MO, NJ,	1b/1000 sq ft lb al/acre	1	8.7	11.5
VA, southeastern	ID avacre	0.25	0.38	0.5
PA, southern areas		i		
of IL, IN, OH, &		1		
coastal areas of				
CT, & RI				 _
South: AL, AR,	lb/acre	380	250 + 250	310 + 310
GA, LA, MS, NC,	(b)/1000 sq ft	6.7	5.7 + 5.7	7.1 + 7.1†
NM, OK, SC, TN,	lbal/acre.	0.38	0.25 + 0.25	0.31 + 0.31
& TX				
Coastal South: HI,		250 + 250	310 + 310	380 + 380
FL, & southern	ib/1000 sq fi	5.7 + 5.7T	7.1 + 7.17	8.7 + 8.7†
coastal areas of AL,	ib avacre	0.25 + 0.25	0.31 + 0.31	[0.38 + 0.38]
GA, LA, MS. NC,	Į	1		1
SC, & TX	<u></u>			
West: AZ, CA, &.	lb/acre	190 + 250	250 + 380	250 + 250
NV. In this	1b/1000 sq ft	4.4 + 5.7	5.7 + 8.7	5.7 + 5.7 [†]
climatically diverse	lb ai/acre	0.19 + 0.25	0.25 + 0.38	0.25 + 0.25
region, use the]	1]]
higher rates in	1	ĺ	i	[
local areas with	l	1	ļ	l
longer crabgrass	l	1	!	l
seasons.	L	l	i	L

tSolit applications may be made 5 - 10 weeks apart

Use of Split or Sequential Applications: Split or sequential applications may be used to provide improved weed control or to provide extended weed control in areas with long growing seasons. Split applications may be made with the rates in Table 1 being split between two applications made 5-10 weeks apart. Where longer periods of control are required, sequential applications may be made in late summer or fall following a spring application or in the spring following a fall application, provided the maximum application rate per year is not exceeded. Refer to the "Maximum Use Rates" section above and separate rate restrictions for the state of New York.

Fall Applications

Tall applications.

This product can also be applied in the late summer through early fall (late August through November) at use rates listed in Table 1 for "Program 3" 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 at application rates given in the Table 1 above:



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Grasses

barley barnvardorass bluegrass, annual crabgrass, large crabgrass, smooth crabgrass, Southern crowlootgrasst dallisgrass (seedling) foxtail, green foxtail, yellow kikuyugrasst oats. wild rvėgrass (annual & perennial) sandbur

Hordeum spp. Echinochina crus-nalli Poa annua Bromus spp Digitaria sanguinaiis Digitaria ischaemum Digitaria ciliaris Dactyloctenium aegyptium Pasoalum dilatatum Eleusine indica Setaria viridis Setaria pumila Avena fatua Lalium spp. Cenchrus soo.

Sporobolus indicus

Broadleaf Weeds

smutgrass

bittercress carpetweed chickweed geranium, Carolina† henbit knotweed, prostrate lespedeza, commont marestail medic. black mustard oxalis, buttercup pineappleweed pigweed, redroot parsley-piert† purstane, common rocket. London shepherdspurse speedwell, corn1 spurge, garden spurge, prostrate spurge, spotted woodsorrel, creeping woodsorrel, vellow

Cardamine spp. Mollugo verticillata Steilaria son Geranium carolinianum Lamium spp. Polygonum aviculare Lespedeza strata Conyza canadensis Medicago lugulina Brassica spp. Oxalis pes-caprae Matricaria matricarloides Amaranthus retroflexus Alchemilla arvensis Portulaca oleracea Sisymbrium irio Capsella bursa-pastoris Veronica arvensis Euphorbia hirta Euphorbia humistrata Euphorbia maculata Oxalis corniculata 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 bittercress chickweed henbit gerenium, Carolina parsley-piert pineappleweed shepherdspurse

Poa annua Cardamine spo Stellaria spp. Lamium spp. Geranium carolinianum Alchemilla arvensis Matricaria matricarioides Capsella bursa-pastoris

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 un-formly 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 recommended application rate under may require adjustment to deliver the recommended application rate under actual application conditions. The desired calibration setting may be marked or recorded for future reference. Apply this product uniformly over the treat-ment area. More uniformity of application can usually be achieved by apply-ing 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

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 distribut and Equipment" section, allow instructions in the "Application Instructions

Lies 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 applications may be inspected 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

Pounds of	Pounds of	Pounds of
Product/Acre	Product/1000 ag ft	Product/100 so ft [†]
500	11.5	1.15 (18.4 oz)

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

Maximum Use Rates

- Do not apply more than 500 lb (0.5 lb active Ingredient) per acre (11.5 lb per 1000 sq ft) per application or more than 1500 lb (1.5 lb active ingredient) per
- ay ny per application or more than 1500 tb (1.5 lb active ingredient) per acre (34.5 lb per 1000 sq ft) per year it using split or sequential applications. In the state of New York, this product may be applied only by commercial applicators at no more than 500 tb (0.5 lb active ingredient) per acre (11.5 lb per 1000 sq ft) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.

Application Timing and Recommendations

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 teaves. 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 ½ 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 Precentions

- Apply this product only to established ornamentals.
- . Do not apply this product directly to bare roots of ornamental plants as injury
- 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.
- To avoid foliar damage to ornamentals, irrigate immediately after application to remove any herbicide granules adhering to foliage.

 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
- Do not graze livestock or feed forage cut from areas treated with this

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 crabgress in early stages of development. The area to be treated should be free of weeds prior to application.

Tolerant Omamentals

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 cuttivars not listed, it is recommended that a lew plants in a limited area be treated and observed for tolerance under local growing conditions prior to large-scale use.

Common Name Abelia, Dwarf Ajuga

Almond, Flowering Apple, paradise[†] Arborvitae

Botanica! Name Abelia X grandillora Ajuga reptans Ajuga genevensis Prunus gladulosa Malus pumila Thuja occidentalis

Tolerant Cultivara Nana Bronze **Bronze Beauty**

Nigra Pyramidalis Smaragh Techny Woodwardn

Arborvitae, Golden

Thuia orientalis

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Common Name Aster, Chinese Ash, Green Ash, Mountain Ash, White Azalea

otanical Name Callistephus chinensis Fraxinus pennsylvanica Sorbus aucuparia Fravinus americana Rhododendron spp.

Tolerant Cultivars Dwad Queen

Brilliant Buccaneer Cerror 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

Forsythia Fuchsia Galium Gardenia Geranium Gum Hawthorn

Common Name

Fan Palm, European

Fan Palm, Mexican

Fern (various)

Fescue

Ficus

Fetterbush

Fir Fraser

Elm, Drake

Euonymus

Spring Glory Fuchsia spp Galium ordoratum Gardenia jasminoides Pelargonium X hortorum Eucalyptus citriodora Crataegus spp.

tical Name

s parvifolia

Chamaeroos humilis

Asparagus spp. Festuca glauca

Ficus retusa

Abies fraseri

Washingtonia robusta

Leucothoe fontanesiana

Forsythia X intermedia

Euonymus fortunei

Heather, Twisted Hemlock, Canada Hihiseus

Holly liex SDD.

llex X meserveae

Erica cinerea

Hibiscus Spp.

Tsuga canadensis

Holly, Chinese Holly, Japanese Holly, Yaupon Honeysuckle

Hosta

ice Plant

Impatiens

lilex X attenuate llex comuta llex crenata llex vomitoria Lonicera japonica

Hosia soo Hosta lancifolia Carpobrotus edulis Impatiens spp. iris spp.

lvy, English Hedera helix

Jasmine, Asian Juniper

Trachelospermum asiaticum

Juniperus spp.

Juniperus horizontalis Juniperus conterta

Juniperus squamata Juniperus sabina

Juniperus conferta Juniperus horizontalis

Juniperus chinensis

Juniperus hetzii Juniperus horizontalis Juniperus virginiana Juniperus davurica Juniperus x media Junioerus horizontalis Tolerant Cultivare

Argenteo-variegata Auereo-marginata Colorata **Emerald Galety** Emerald in Gold Gold Edge Gold Prince: Silver King Tricolor Vegetus

Rainbow Nitida

Arnold Dwarf Bronxensis Owarf Lynwood Gold Meadowlark Weeping

Mystery Radicans

Cockspur White Crimson Cloud **Enchantrass** Jack Evans Washington White Mediterranean Pink

Blue Bird Brilliant Hula Girl Blue Boy BlueGirl Burfodii China Girl Compacta Forsteri Hellerie Japanese Northern Beauty

Needlepoint Nellie R. Stevens Savannah

Claveyis Dwarf Halliana Tatarian Canadian White Zebelli Red Hosta Albo Marginata

Dwarf Blue Wedgewood Bulgaria Thorndale

Arcadia Armstrong Bar Harbor Blue Chip Blue Pacific Blue Rug Blue Star Broadmoor Buffalo

Calgary Carpet Emerald Sea Emerald Spreader Andorra Compacta Fruitlandi Green

Gold Tip Hetzi Hughes Manhattan Blue Parsoni Pfitzeriana Plumosa Prince of Wales

Procumbens Dwarf

Juniperus procumbens

Azalea, Flame Azalea, Kirishima Bamboo, Heavenly

Barberry. Purple

Bearberry (common)

Blackeyed Susan Blanket Flower Blueberry[†]

Boxwood, Japanese

Silkvleaf woadwaxen

Baxwood, Weller

Bugle, Carpet

Banket Flower

Beebalm

Begonia Birch, River

Bottlebrush

Broom

Camellia

Candy Tuft

Barberry

Ahododendron calendulaceum Rhododendron obtusum Nandina domestica Berberis thunbergii

Monarda didyma

Rudbeckia hirta

Gaillardia spp.

Buxus sinica

Cytisus spp.

Genista pilosa

Ajugareptans Camellia japonica

Camellia sasanqua

Vaccinium spp.

Callistemon citrinus

Buxus sempervirens

Begonia spp.

Betula nigra

Aurea Owarf Pigmy Green Kobold Pygmy Red Rose Glow Atropurpurea Remens vulgaris atropurpurea Gaillardia grandifiora Arctostaphylos uva-ursi

Massachusetts

Goldstrum

Bluecrop Blue Jay Jersey North Blue Northland

Japonica

Moonlight

Debutante Mathotiana Supreme Chansonette

Snow White

Scarlet Plumosa Red Kewpie

Moonbeam

Glauca Gracilis False

King Alfred Aztec Gold Bright Yellow (Hybrid) Single Gold (Evergreen) Witsonis Yellow

Magic fountain

Flavarimaea

Celosia Centaurea Cockscomb. Plumosa Coleus Columbine Copper leaf Coreonsis Corn Flower Cramberry Cotoneaster Coyotebrush Cycads Cypress, Bald Cypress, Italian Cypress, Japanese Cypress. Leyland Daffodil

lbens spp. Carex, Variegated Cedar, Red Carex SDD. Juniperus virginiana Celosia spp. Centaurea montana Celosia cristata Coleus blumoi Aquilegia spp. Acalypha wilkesiana Coreopsis spp. Centaurea spp Cotoneaster apiculatus Baccharis pilularis Cycas revoluta Taxodium distichum Cupressus sempervirens Chamaecyparis obtusa Cupressocyparis leylandii Narcissus spp. Hemerocallis spp.

Dianthus (Sweet William) Delphinium Dogwood, flowering Dogwood, Redosier Douglas Fir Dusty Miller

Daytilly

Dianthus spp.

Detahinium 800. Comus florida Comus sericea Pseudotsuga menziesii Senecio cineraria

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Tolerant Cultivars

Scopulorum Moonglow

Scopulorum Skyrocket

San Jose Sargent Blue

Scandia

Spartan

Weberi

Albus

Peter Pan

Evergreen Giant Lilac Beauty

Mt. Fire

Majestic

Variegata

Monroe White

Honeycomb

Wheelers Dwarf

Snowlake Double White

Variegata

Sunnyside

Muskogee Standard Pink

Golden

Faurei

Langer

Compacta

Hardy Red Petite Pink

Barbara Karst

Picoti

Nana

Tamariscifolia

Youngstown

Yukon Belle

Sargent Green

Common Name Juniper contid.:

Botanical Name Juniperus sargentii

Juniperas sabina Juniperas scopulorum

Juniperas chinensis Juniperus horizontalis Juniperus sabina Juniperus horizontalis

King Palm Laurel, Australian Laurel, Mountain

Leucothoe Liqustrum, Japanese Lily, African

Lily, African Blue Lily of the Valley Lilyturf

Liriope muscari

Linope, Green Maple, Japanese Maple: Norway Maple, Red[†] Maple, Silver Maple Sugar¹ Marigold

Acer rubrum Acer saccharinum Acer saccharum Tageles palula

Mock Orange

Mondo Grass Moss Rose Myrtle, Crape

Myrtle, Wax Nandina

Narcissus Oak, Laurei Oak, Pin Oak Red Oak, Southern Oak, Willow **Oleander**

Osteospermum Pachysandra Paim, Bangalow Pampas Grass Pansy

Paper Flower Peach Perlwinkle, Dwarf Petunia Photinia, Red Tip Pieris Pine, Australian

Pine, Japanese Black Pine, Loblolly Pine, Longlest Pine, Mugo Pine, Scotch Pine, Slash Pine, Swiss Mt. Pine, Virginia Pine, Eastern White Pineapple, Guava†

Pieris Pittosoorum, Ja. Potentilla Bush cinquefoil Privet, Japanese

Archontophoenix cunninghamiana Pittosporum tobira Kalmia latifolia Leucothoe fontanesiana

Ligustrum japonicum Agapanthus africanus

Pieris japonica

Liriope spicata Acer japonicum Acer platanoides

Philadelphus spp.

Ophiopogon japonicus Portulaca grandiflora Lagerstroemia indica

Myrica cerifera Nandina domestica

Narcissus spp. Quercus laurifolia Quercus palustris Quercus rubra Quercus virginiana Quercus phellos Nerium oleander

Sister Agnes Osteospermum fruticosum Wirligia Pachysandra terminalis Archontophoenix cunninghamiana

Cortaderia selloana Viola x wittrockiana Bougainvillea glabra Prunus persica

Vinca minor Petunia X hybrida Photinia X fraseri Pieds japonica

Pinus nigra Pinus thunbergiana Pinus taeda Pinus palustris Pinus mugho Pinus sylvestris Pinus elliottii Pinus mugo Pinus virginiana Pinus strobus

Feijoa sellowiana Pieris tarwanensis Pittosporum tobira Potentilla nepalensis Potentilia fruticosa Ligustrum japonicum

Abbotswood

Golden Vicary Regal Texanum Wax Yellow Tipped

Common Name Privet, Glossy

Rhododendron.

Carolina Rhododendron.

Catawba

Rhodie Max

Rockcress

cel Name um lucidum Pyracantha koidzumii

Queen Palm Arecastrum ramanzottianun Quince, Japanese† Rhododendron

Rhododendron spp.

Rhododendron carolinianum Rhododendron catawbiense Arabis spp.

(Rosebay) Rosemary Rosemary, Bog Salvia Sedum

Silkyleaf woadwaxen Snapdragon Sourwood False Spiraea Spiraga

Spiraea, Garland Spruce, Black Hills Spruce, Colorado Blue

Spruce, Norway

Spruce, White Sweetflag, Grassy-Leaved Sweetgum Sycamore Tree Fern (Tiki Fern) Trumpel Flower,

Evening Tulio Verbena, Shrub Vervain Vibumum

Vinca (Periwinkle)

Windmill Palm

Xylosma

Yarrow

Yaupon

Vinca minor Trachycarpus fortunei Xylosma congestum

Achillea spp. flex vomitoria Taxus cuspidata Taxus X media

Tolerant Cuttivare

Gnome Lalandai Victory

Album

Snowcan

Lutea

Nana

Rhea

Yellow

Fanall

Dolchica

Froebeli Pink

Goldenflame Red

Snowmound White Van Houtte White

Dragon Blood Red Red Carpel

Vancouver Gold

Anthony Waterer Red

Cunningham White Fashion Hardy P.IM Purple Gem Silvery Pink

Rhododendron maximum

Rosa banksiae Rosmarinus officinalis Andromeda politiolia Salvia tannacea Sedum spurium

Genista pilosa Antimhinum spp. Oxydendrum arboreum Astilbe X arendsii Spiraea soo.

Spiraea sop Picea glauca Picea pungens

Picea abies Picea glauca

Acorus gramineus Liquidambar styraciflua Platanus occidentalis Asparagus virgatus Gelsemium semnervirens

Tulip spp. Lantana sellowiana Verbena spp. Vibumum soo

Apeldoorn

Conica

St. Paul American Cranberry Bush Arrowood Common Snowball European Cranberry

Bush Linden Mohican Wright

Dwarf Densiformis

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

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