June 4,	2014
---------	------

		Plant Categories	Lig	ht Prefe	erence	Size	(feet)		W	atering	I			Tolerand	ces		High P	erformers				
Scientific name	Common name		Sun	Part		Ht.	Width	L	м	н	Summer	Heat	Coast	Wind	Zone 1	Zone 2	Best for	Best for non- irrigated sites	CA Native	Notes		
Column1	Column2	Column3	Colun	Colum		Colum			Colurr	Colun							1: Column18			Column21		
Agrostis exerata	Spike bentgrass	Grasses and Grass-like Plants	✓	✓		1	1.25		✓	✓	✓		✓		✓	✓				Moist sand dunes ;adapts to shady woodlands from San Diego to Sonoma County		
Bouteloua gracilis	blue grama	Grasses and Grass-like Plants	✓			1.5	1	✓				✓		✓		√				Tolerates no summer water, good for non-irrigated remote sites. AKA= Mosquito Grass		
Bromus carinatus	California brome	Grasses and Grass-like Plants	✓			2	1	✓			ok	✓		✓		✓			✓	Good for erosion control ; not a good meadow grass		
Carex barbarea	Santa Barbara sedge	Grasses and Grass-like Plants	✓	✓		3	2	✓	~		~	✓	✓	✓	✓	✓	√	✓	~	Stays green w/ summer H20, moist to drought tolerant, spreading large statured sedge		
						-														Widely sold in CA as Carex tumulicola (Berkeley sedge). Native to Eurasia. Full sun along coast. Tolerates		
Carex divulsa	grassland sedge	Grasses and Grass-like Plants	~	✓	✓	1	1		\checkmark		ok		✓	✓	✓	✓	✓			drought once established. Needs regular water in sun.		
Carex nudata	California black sedge	Grasses and Grass-like Plants	✓	~		2	2	✓	✓		✓	✓	√		✓	√			✓	Turns orange in frost, showy black flower spikes		
Carex obnupta	slough sedge	Grasses and Grass-like Plants	✓	~		2	1		\checkmark	~	~		~	~	~				~	Some salt tolerance, drought tolerant once established. Thick, graceful, bright green stands in wetlands.		
Carex pansa	dune sedge	Grasses and Grass-like Plants	✓	✓		2	2		✓		~	✓	✓	~	~	~	√		~	Native to Asilomar; Plug not seed planting; mow end of summer if desired.		
Carex praegracilis	clustered field sedge	Grasses and Grass-like Plants	✓	✓		1.5	1.5		\checkmark	✓	✓	✓	✓	✓	✓	✓			✓	Lawn alternative, tolerates some foot traffic; summer dormant in warmer areas		
Chondropetalum tectorum	small cape rush	Grasses and Grass-like Plants	~	✓		4	3			✓	~	✓	✓		✓	✓				Native to S. Africa, drought tolerant		
Danthonia californica	California oat grass	Grasses and Grass-like Plants	~	✓		1.5	1.5		✓		~		✓		✓	✓			✓	Bunch grass, recommend plugs not seed to start, tolerates some foot traffic		
Distichlis spicata	salt grass	Grasses and Grass-like Plants	✓			0.3	3		✓	✓	~	~	√	~	~	~			✓	Looks like bermuda grass, withstands foot traffic, for soils with high salt		
Festuca californica	California fescue	Grasses and Grass-like Plants	✓	✓	✓	2	2	✓			ok	✓	✓	✓					✓	Use only in driest areas of basin		
Festuca idahoensis	Idaho fescue	Grasses and Grass-like Plants	✓	~		1	1	√	~		ok	Image: V	✓	✓		√			~	Can mow. Needs light summer water at hot sites		
Festuca rubra	red fescue	Grasses and Grass-like Plants	✓	~		1	1.5		~	✓	ok	✓	✓	✓		✓			✓	Can mow. Lawn alternative; Water conservation LDS; Bio Strips; Infiltration basins		
Festuca rubra 'molate'	molate fescue	Grasses and Grass-like Plants	· ~	~		1	1.5	~	· ~		ok	· ~	· ·	· ·	1	· ~			✓	Can mow. Lawn alternative		
Juncus effusus	common rush	Grasses and Grass-like Plants	· ✓	· ~		2.5	2.5	1 ·	• •		ok	1 ·	· ✓	· ·	~	· ·	✓		✓	Forms dense clumps		
Suncas enasas	COMMUNITUSI	Grasses driu Grass-like Fidrits				2.3	2.3				UK						1		•	r onno donos dumpo		
Juncus pallidus	giant rush	Grasses and Grass-like Plants	~	1		А	2	1			ok	1	~	~	~	1	~	1		Evergreen, heat and drought tolerant.		
Juncus patiens	blue rush	Grasses and Grass-like Plants	▼ ✓			4	1	1 ·	~	1	UK V	▼ ✓	L ·	· ·	×	v √	v √		✓	Plant from plugs; Irrigate occasionally summer		
Levrous patens			v v	<i>_</i>		2	1	v	▼ ✓	v		▼ ✓		<u> </u>	×	✓ ✓	•		↓ ✓			
	creeping wildrye	Grasses and Grass-like Plants	v v	v		3		<u> </u>			ok	V V	v	v	•				✓ ✓	Can mow 4 x yr Sub-surface H20 best. Can be aggressive in moist areas.		
Muhlenbergia rigens	deergrass	Grasses and Grass-like Plants				3	3	✓	✓		ok	~			-	✓				Evergreen, forms mounds.		
Sisyrinchium bellum	blue eyed grass	Grasses and Grass-like Plants	~	~		1	1		✓		ok		~	~		~	✓		~	Needs occasional summer water, tolerates some foot traffic		
A - 1. 11 11 - C - P		list of the second seco									- 1-								,	On the latter Talaster and a latter being the last subscription		
Achillea millefolium	common yarrow	Herbaceous Perennials and Groundcovers	V			1.5	1	V			ok	v				× 	v	v	v	Good for hot sites. Tolerates mowing, and can be used in a lawn replacement mix.		
Artemisia douglasiana	mugwort	Herbaceous Perennials and Groundcovers	✓	✓	✓	3	3	✓	✓		ok	✓	✓	~	 ✓ 		√	√	~	Rhizomatous		
Artemisia ludoviciana	white sagebrush	Herbaceous Perennials and Groundcovers	✓	✓	~	1.5	2	✓	✓		✓	~	✓		~	✓	~	~	✓	Aromatic. Tolerates foot traffic and wide range of conditions		
Asclepias fascicularis	narrowleaf milkweed	Herbaceous Perennials and Groundcovers	✓			3	2	✓	✓		ok	√	~			✓	~	~	~	Monarch butterfly host plant, deciduous		
Darmera peltata	Indian rhubarb	Herbaceous Perennials and Groundcovers		~	~	3	5			~	~					~			√	Prefers cool summers. Native to N CA, S OR; found on stream banks and in woodlands.		
Epilobium canum	California fuchsia	Herbaceous Perennials and Groundcovers	✓	✓		1	4	~			ok	✓				✓			~	dormant in winter, best with winter mowing		
Epipactis gigantea	stream orchid	Herbaceous Perennials and Groundcovers	✓	✓	\checkmark	3	1.5		\checkmark	~			✓		✓	✓			~	Goes dormant with drought, salt tolerant		
Fragaria chiloensis	beach strawberry	Herbaceous Perennials and Groundcovers	~	✓	~	0.3	2	✓	\checkmark		ok		✓	✓					✓	Evergreen groundcover, performs well as filler at the upper edges of facility.		
Heuchera micrantha	alum root	Herbaceous Perennials and Groundcovers		✓	✓	2	1.5	\checkmark	\checkmark		✓			✓		✓			✓	Dainty white flowers		
Heuchera pilosissima	hairy alum root	Herbaceous Perennials and Groundcovers		~	~	1.5	1.5	✓	✓		~		~			~			~	Tolerates sand, best at basin edges		
Iris douglasiana	Douglas iris	Herbaceous Perennials and Groundcovers	✓	✓		1.5	2	✓	\checkmark		ok	✓	✓	~		✓	✓		✓	Also, Iris hybrids		
Lilium pardalinum	leopard lily	Herbaceous Perennials and Groundcovers	~	✓		6	4	\checkmark	✓				✓		✓	✓			~	Native to dry summer areas, deciduous		
Lobelia cardinalis	cardinal flower	Herbaceous Perennials and Groundcovers		✓	~	2	2		✓				✓			✓				Not drought tolerant, requires regular water		
Lotus scoparius	deerweed	Herbaceous Perennials and Groundcovers	~			4	3	✓				✓				✓			✓	Short-lived, nitrogen fixer		
Mimulus aurantiacus	common monkeyflower	Herbaceous Perennials and Groundcovers	✓	✓		3	3	✓			ok	✓				✓			✓	Drought tolerant, stress deciduous		
Mimulus cardinalis	scarlet monkeyflower	Herbaceous Perennials and Groundcovers	~	✓	~	3	3		✓	✓	~	✓				✓	1		~	Aggressive seeder, needs summer water		
Mimulus guttatus	seep monkeyflower	Herbaceous Perennials and Groundcovers	✓	✓		3	3		✓	✓	✓	✓	✓		✓	✓			✓	Attracts Bees, stress deciduous, needs summer water		
Minabilis multiflora	Giant four o'clock	Herbaceous Perennials and Groundcovers	1	✓	~	2	4	I			~	· √	1			✓	1		√	Best for hot sites, native to Southern California		
Oenethera hookeri	Hooker's evening primrose	Herbaceous Perennials and Groundcovers	✓	· ~		3	2	· ·			ok	· •			~		✓	✓		Easy to establish biennial, self seeds		
Polypodium californicum	California Polypody fern	Herbaceous Perennials and Groundcovers		· ~	~	2	2	· ·			UK ✓		√		1					Summer dormant except at coast, spreads slowly by rhizomes, frost tender		
Polypodium californicum Prunella vulgaris	self heal	Herbaceous Perennials and Groundcovers Herbaceous Perennials and Groundcovers	~	✓ ✓	-	0.5	2	V	1		ok		✓ ✓	~		~	1	-	~	Summer dormant except at coast, spreads slowly by mizomes, trost tender Somewhat drought tolerant, long flowering		
	California coneflower		▼ ✓			0.5	2	▼ ✓	▼ ✓		ok	V	-		 ✓ 	▼ ✓	-		• •	Native to dry summer areas, deciduous		
Rudebeckia californica		Herbaceous Perennials and Groundcovers	✓ ✓	1		3	~	V V	v		UK	✓ ✓		1	, v	✓ ✓	-		v			
Scaevola 'mauve clusters'	fan flower	Herbaceous Perennials and Groundcovers		~		1	4							✓ ✓		✓ ✓				Native to Australia, sensitive to frost		
Scutellaria austinae	skullcap	Herbaceous Perennials and Groundcovers	✓	<u> </u>		1	2	~	✓		 ✓ 	✓		×.		×		L	~	Dies back in drought		
Sisyrinchium californicum	yellow eyed grass	Herbaceous Perennials and Groundcovers	✓	~		1	1		\checkmark		✓		✓	~	~	~			~	Can be drought tolerant		
Verbena lasiostachys	Western vervain	Herbaceous Perennials and Groundcovers	✓	~		2	2	✓			ok	✓			~	✓	✓	~	✓	Attracts butterflies, can be weedy pioneer species		
Verbena lilacina	Cedros Island verbena	Herbaceous Perennials and Groundcovers	✓	✓		2	4	~			ok	✓	~			~				Drought tolerant, best with minimal irrigation, native to Baja CA		
Alyogyne huegelil	blue hibiscus	Shrubs	✓			8	7	~				✓				✓				Very low water after second year, Sunset zones 15-17 & 20-24, prune to encourage flowering		
Baccharis pilularis					_						_			_								
consanguinea	bush baccharis	Shrubs	~			6	6	~	\checkmark		ok	✓	~	~	~	~	~	✓	~	Fast-growing, somewhat short-lived; deer proof		
Calycanthus occidentalis	western spicebush	Shrubs	~	~		8	8	~			~		~		~	√			~	Deer resistant, deciduous. Bright green leaves, good for hedgerow/screen. Riparian areas.		
Carpenteria californica	bush anemone	Shrubs	✓	✓		6	4	✓	✓		ü	✓			✓	✓			ü	Interior climate with occasional water otherwise low water needs		
																				Deciduous, red stems for winter color, best with afternoon shade. Can cut to ground to maintain small size		
Cornus sericera	redtwig dogwood	Shrubs	\checkmark	~		5	4	✓		L	~	✓	~		~	~	<u> </u>		~	and red stems.		
Erigeron glaucus	seaside daisy	Shrubs	✓			1	1.5				ok		✓	✓		√			✓	Not good for dusty sites		
Lonicera hispidula	California honeysuckle	Shrubs	✓	~	✓	4	2		~	~	~		✓			✓			✓	Climbing vine-like. Best in part shade. Attracts birds		
Lonicera involucrata	twinberry honeysuckle	Shrubs	✓	✓	✓	6	3		✓	✓	✓	1	✓			✓			✓	Needs good drainage, Best in part shade. Attracts birds		
Mahonia pinnata	California holly grape	Shrubs	Image: A start of the start	~	~	4	4	 ✓ 	~			I	1	~	 ✓ 	✓	1		✓	Slow but easy to grow		
				· · · ·							•	. <u> </u>										

		Plant Categories	Lig	ht Prefe	rence	Size	e (feet)		W	/atering			Tolerances High			High Pe	erformers					
Scientific name	Common name		Sun	Part	Shade	Ht.	Width	L	м	н	Summer	Heat	Coast	Wind	Zone 1	Zone 2	Best for irrigated sites	Best for non- irrigated sites	CA Native	Notes		
Physocarpus capitatus	pacific ninebark	Shrubs	✓	✓	(8	8	✓	✓	✓	✓	✓	✓		✓	✓			✓	Part shade and summer water required in hot locations		
Rhamnus californica	California coffeeberry	Shrubs	✓	✓		12	8	~			~	✓		~		√	✓	✓	✓	'Eve Case' is compact with broad foliage. Syn. Frangula californica		
Rhamnus crocea	redberry	Shrubs	✓	✓	✓	5	5	✓				✓	~	√		√			✓	Pea sized fruits attract birds, stain concrete		
Rhododendron occidentale	western azalea	Shrubs	✓	✓	~	8	8		✓	~	~		~		~	✓			✓	Summer deciduous		
Ribes aureum gracillimum	golden current	Shrubs	✓	✓		4	3	\checkmark	✓	✓	ok	✓		✓		✓			✓	Easy, fall color, deciduous		
Ribes divericatum	coast black gooseberry	Shrubs		✓	~	5	5	✓	✓		ok		~	✓		✓			✓	Thorny, good for discouraging entry, deciduous		
Ribes sanguineum	red flowering currant	Shrubs		✓	✓	5	5	~	✓		~	✓	✓		✓	✓	✓		✓	Needs good air movement to avoid white fly, more drought tolerant at coast		
Ribes speciosum	fuchsia-flowered gooseberry	Shrubs	✓	✓	✓	4	4	✓	✓			✓	~			√			✓	Prefers only light summer water after 2nd year, stress deciduous		
Rosa californica	California wild rose	Shrubs	✓	✓		3	6		✓	✓	ok	✓	✓	✓	✓	✓	✓		✓	Hooked thorns, good for discouraging entry. Shade in interior, sun at coast		
Rosa gymnocarpa	wood rose	Shrubs	✓	✓	✓	2	3		✓		ok	✓	~			√	✓		✓	Easy to grow, thorny		
Rubus parviflorus	thimbleberry	Shrubs	✓	✓		8	5			✓	~		✓		✓	✓			✓	Spreads readily in wet areas, prefers regular water		
Rubus spectabilis	salmonberry	Shrubs		✓	✓	8	5		✓	✓	~		~	√	~	√			✓	deciduous, soft spiny stems		
Rubus ursinus	California blackberry	Shrubs		✓	✓	3	5		✓	✓	ok	✓	~	√	✓	√			✓	Thorny, good for discouraging entry. Harbors beneficial insects		
Symphoricarpos albus	common snowberry	Shrubs	✓	✓	✓	4	4	~	✓	✓	ok	✓				√	✓		✓	Adaptable to many conditions, try Symphoicarpos mollis at coast		
Whipplea modesta	whipplevine	Shrubs		✓	\checkmark	0.5	3		✓	✓	~		~			√			✓	Best for moist shady spots near coast		
Acer circinatum	vine maple	Small Trees		✓	~	20	10		✓	✓	~					√			✓	In wide riparian areas; top of slope. Avoid hot inland climates and coastal conditions/salt spray.		
Baccharis viminea	seep-willow	Small Trees	✓			8	5	✓	✓	~	✓	✓	✓	√	~	✓			✓	Important plant for butterflies and beneficial insects.		
Chilopsis linearis	desert-willow	Small Trees	✓		,	15	15		~		~	~			~	✓	~		~	Does best inland		
Corylus cornuta v. california	California hazel	Small Trees		✓	~	10	10		✓				~		~	~			√	Deciduous, edible nut		
Fraxinus dipetala	California ash	Small Trees	~	✓		20	20				ok	~			~	~	~		~	drought tolerant, slow to establish, then fast		
Garrya elliptica	coast silktassel	Small Trees	✓	✓		12	12	~	~		ok	~	~	✓		✓			✓	Winter blooms. 'Evie' is compact variety. Best at coast. Afternoon shade inland, deer resistant		
Heteromeles arbutifolia	toyon	Small Trees	✓	✓	~	8	5	~	~		~	~	✓			✓			~	Doesn't respond well to pruning low branches, no summer water at coast		
Laurus nobilis 'Saratoga'	Grecian bay	Small Trees	✓	✓		20	20	✓				~		✓		✓				Specify 'standard' and prune for tree form, easy		
Myrica californica	Pacific wax myrtle	Small Trees	✓	✓	~	25	12	✓	✓				~	✓		√			✓	Best at coast		
Sambucus mexicana	elderberry	Small Trees	~	~		20	15	~	~						~	~	~		~	Deciduous, edible fruit, attracts bees and birds, unripe fruits are poisonous but useful and common landscape plant		
Acer negundo	box elder	Trees	✓	✓	~	35	35	\checkmark	~		ok	~	~	~	~	~	~		~	Tough shade tree, deciduous		
Fraxinus latifolia	Oregon ash	Trees	✓	✓	✓	70	40			✓	~		~		✓	✓			✓	Plant in moist areas with rich soil.		
Fraxinus velutina	velvet ash	Trees	~			30	45	✓	~		ok	~		~		~	~			Withstands poor drainage and drought		
Pittosporum eugenioides	tarata	Trees	✓	✓		40	15	~	~		~	~		✓		✓				Shear to control height		
Platanus acerifolia	London plane tree	Trees	✓	✓		80	30	T	✓			✓				~				Large tree, aggressive roots will lift pavement		
Platanus racemosa	California sycamore	Trees	✓	✓		80	30		✓	✓	ok	✓				✓			✓	Asymmetrical shape and wide trunk when mature. Give lots of room.		
Populus fremontii	cottonwood	Trees	✓	✓		80	30		✓			✓				~			✓	Riparian species with limited drought tolerance. Aggressive roots will lift pavement. Give lots of room.		
Quercus agrifolia	coast live oak	Trees	✓	✓		60	60	✓				✓	~	√		✓			✓	Large evergreen tree, tolerant and widespread, important for wildlife, no summer water		
Vitis californica	California grape	Vine	✓	✓		10	1-3	✓	✓		~	✓	~	√	~	✓			✓	Climbing vine. Best in full sun. Can be aggressive in moist area.		

Plant Categories	
	Grass refer to those species that are monocotyledonous plants with slender-leaved herbage.
Herbaceous Perennials and Groundcovers	Herbaceous refers to those species with soft upper growth rather than woody growth. Some species will die back to the roots at the end of the growing season and grow again at the start of the next season. This list only includes those that are perennial, i.e. live for several years.
Shrubs	Shrub is a horticultural distinction that refers to those species of woody plants which are distinguished from trees by their multiple stems and lower height. A large number of plants can be either shrubs or trees, depending on the growing conditions they experience.
Small Tree	Small trees refers to those species of woody plants with one main trunk and a distinct and elevated head with a maximum size of 25' tall and wide.
Tree	Tree refers to those species of woody plants with one main trunk and a rather distinct and elevated head with a size greater than 25' tall or wide.
Water Preference	
	We have provided recommendations for irrigation. All plants should be watered with more frequency during the first two years after planting. After this establishment period, Low water use plants will only need supplemental irrigation at the hottest and driest sites. Plants with Moderate irrigation needs will be best with occasional supplemental water (once per week to once per month) and plants with High irrigation needs will be best with more frequent watering especially during periods of drought in the cooler seasons.
	Plants with a check in this column will not withstand a long period of summer drought without irrigation. Plants with an 'ok' in this column are tolerant of, but do not require, frequent summer irrigation. Plants with nothing in this column may not tolerate summer irrigation after establishment.
Stress Tolerance	
	A check in the heat column indicates that the plant will tolerate hot sites. It should not be confused with a plants preference for sun. Absence of the check indicates it should only be used in areas close to the Bay or other cool sites.
	The coast column indicates plants that perform well within 1,000 feet of the ocean or bay. Most of these plants tolerate some amount of salt air, fog, and wind.
	A check in the wind column means that the plant will tolerate winds of ten miles per hour or more.
	Plants that tolerate Zone 1 are common riparian, wetland and bog plants capable of surviving in saturated soils for long durations throughout the year. Most of these plants are not drought tolerant and require some water throughout the growing season.
	Plants that tolerate Zone 2 are common in riparian/upland transition areas, moist woodlands, and seasonal wetlands. They are capable of surviving in saturated soils for shorter durations especially in the winter or spring. Many of these plants tolerate summer drought but could benefit from some year-round moisture.
High Performers	
Best for irrigated sites	These plants have been used successfully in irrigated bioretention areas in the Bay Area.
Best for non-irrigated sites	These plants have been used successfully in non-irrigated bioretention areas in the Bay Area. Temporary irrigation for establishment is highly recommended.
Origin	
CA Native	Indicates native or cultivar of California native. Cultivars offer habitat benefits to native wildlife and are adapted to the local climate but have reduced genetic diversity.

		Plant Categories	Lig	ht Prei	ference	Size	(feet)		W	aterin	g						
Scientific name	Common name		Sun	Part	Shade	Ht.	Width	L	М	Н	Summer	Heat	Coast	Zone 2	Zone 1	Wind	CA Native
Achillea filipendulina	fernleaf yarrow	Herbaceous Perennials and Groundcovers	✓			3	3	~			~	~					
Achillea tomentosa	woolly yarrow	Herbaceous Perennials and Groundcovers	~	~		1	1.5	~	~		ok	~				~	
Aloe striata	coral aloe	Herbaceous Perennials and Groundcovers	~	~		2	2	~			ok						
Arctostaphylos hookeri	Monterey manzanita	Herbaceous Perennials and Groundcovers	~	~		1	4	~	>		ok		~			~	~
Arctostaphylos ssp. Montant	Mt. Tamalpais Manzanita	Herbaceous Perennials and Groundcovers	~			6'	4'	~			~	~	~				~
Arctostaphylos ssp. Virgata	Bolinas Manzanita	Herbaceous Perennials and Groundcovers	~			4+	4+	~	~			~	~				~
Arctostaphylos uva-ursi	kinnick-kinnick	Herbaceous Perennials and Groundcovers	~	~		1	15	~	~		ok		~			~	~
Artemisia californica	California sagebrush	Shrubs	✓			3	2	✓				✓	✓			✓	✓
Berberis darwinii	Darwin's barberry	Shrubs	✓	✓		6	6	✓				✓			✓	✓	\checkmark

Scientific name	Common name	Notes
Achillea filipendulina	fernleaf yarrow	NOT GOOD IN MOIST SOILS
Achillea tomentosa	woolly yarrow	NOT GOOD IN MOIST SOILS
Aloe striata	coral aloe	Sun along coast, afternoon, NOT GOOD IN MOIST SOILS
Arctostaphylos hookeri	Monterey manzanita	Better in part shade in hot sites, NOT GOOD IN MOIST SOILS
Arctostaphylos ssp. Montant	Mt. Tamalpais Manzanita	Native to Mt. Tamalpais and north of Golden Gate Bridge, NOT GOOD IN MOIST SOILS
Arctostaphylos ssp. Virgata	Bolinas Manzanita	endemic species luckily quite common on Pt. Reyes, NOT GOOD IN MOIST SOILS
Arctostaphylos uva-ursi	kinnick-kinnick	Full sun at coast, part shade inland. Cultivars to try include 'emerald carpet,' 'Point Reyes,' 'San Bruno Mountain' depending on site, NOT GOOD IN MOIST SOILS
Artemisia californica	California sagebrush	Will not tolerate sprinklers, NOT GOOD FOR MOIST SITES
Berberis darwinii	Darwin's barberry	Sprinklers will kill foliage, DOES NOT DO WELL IN MOIST SITES