

# IUPUI Native Plant Care Guide

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**IUPUI**  
SUSTAINABILITY



Dental School



Latin Name:	Verbena bonariensis 'Little One'
Common Name:	Dwarf Verbena
Plant Type:	Herbaceous Perennial
Location:	Dental School
Plant Height:	2'-4'
Plant Spread:	1'-3'
Bloom Time:	June-Frost
Mulch Technique:	Uncovered
Care Narrative:	Trim back as needed



Latin Name:	Schizachrium scorparium 'Jazz'
Common Name:	Jazz Little Bluestem Grass
Plant Type:	Ornamental Grass
Location:	Dental School
Plant Height:	2'
Plant Spread:	1'
Bloom Time:	August - February
Mulch Technique:	Uncovered
Care Narrative:	Cut old leaves back to 2-4" in late winter or early spring; do not fertilize heavily, not at all on richer soils (watering and overfertilization will promote lodging)



Latin Name:	Amsonia hubrichtii
Common Name:	Arkansas Blue-star
Plant Type:	Herbaceous Perennial
Location:	Dental School
Plant Height:	2'-3'
Plant Spread:	2'-3'
Bloom Time:	April-May
Mulch Technique:	Uncovered
Care Narrative:	Cut back stems about 6" after flowering to help keep stems upright and to shape plants into a nice foliage mound



Latin Name:	Sisyrinchium angustifolium 'Lucerne'
Common Name:	Luceme Blue Eyed Grass
Plant Type:	Herbaceous Perennial
Location:	Dental School
Plant Height:	2'
Plant Spread:	1'
Bloom Time:	May-June
Mulch Technique:	Uncovered
Care Narrative:	Will freely self seed; plantings may be sheared back after bloom to avoid any unwanted self-seeding; plants may be divided every 2-3 years to keep plantings vigorous



Latin Name:	Allium aflatunense 'Purple Sensation'
Common Name:	Ornamental Onion
Plant Type:	Bulb
Location:	Dental School
Plant Height:	2.5'
Plant Spread:	.5'
Bloom Time:	May-June
Mulch Technique:	Uncovered
Care Narrative:	Trim as seen fit



Latin Name:	Amsonia tabernaemontana 'Blue Ice'
Common Name:	Blue Ice Star Flower
Plant Type:	Herbaceous Perennial
Location:	Dental School
Plant Height:	1'-1.5'
Plant Spread:	1'-1.5'
Bloom Time:	May
Mulch Technique:	Uncovered



Care Narrative:	Taller plants may need staking or support; does not need to be cut back after flowering; stems may open up and flop if grown in shade
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Latin Name:	Hydrangea quercifolia 'Peewee'
Common Name:	Peewee Oakleaf Hydrangea
Plant Type:	Deciduous Shrub
Location:	Dental School
Plant Height:	3'-4'
Plant Spread:	3'
Bloom Time:	June-July
Mulch Technique:	Uncovered (Mulch for winter protection if unerdeveloped)
Care Narrative:	Prune if needed immediately after flowering (little pruning is usually needed); winter damaged stems may be pruned in early spring; plants should be winter protection (mulch, burlap wrap) when not fully established; may not bloom year following a harsh winter



Latin Name:	Llex verticillia 'Winter Red'
Common Name:	Winterberry (Female)
Plant Type:	Deciduous Shrub
Location:	Dental School
Plant Height:	3'-12'
Plant Spread:	3'-12'
Bloom Time:	June-July
Mulch Technique:	Uncovered



Care Narrative:	Prune to shape in early spring just before new growth appears
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Latin Name:	Llex verticillata 'Southern Gentleman'
Common Name:	Winterberry (Male)
Plant Type:	Deciduous Shrub
Location:	Dental School
Plant Height:	6'-8'
Plant Spread:	6'-8'
Bloom Time:	June-July
Mulch Technique:	Uncovered
Care Narrative:	Prune to shape in early spring just before new growth appears



Latin Name:	Hamamelis vernalis
Common Name:	Vernal Witch Hazel
Plant Type:	Deciduous Shrub
Location:	Dental School
Plant Height:	6'-10'
Plant Spread:	8'-15'
Bloom Time:	January-April
Mulch Technique:	Uncovered
Care Narrative:	Promptly remove root suckers to prevent colonial spread - particularly important to remove them when rising from a graft union; prune in spring after flowering to control shape and size



Latin Name:	Hypericum Calycinum
Common Name:	Creeping St. John's Wort
Plant Type:	Deciduous Shrub
Location:	Dental School
Plant Height:	1'-1.5'
Plant Spread:	2'
Bloom Time:	July-August
Mulch Technique:	Uncovered
Care Narrative:	Often used as a ground cover; wilt and rot can be common issues; flowers will cover it in the summer



Riverwalk Pollinator Garden



Latin Name:	Asclepias syriaca
Common Name:	Common Milkweed
Plant Type:	Herbaceous Perennial
Location:	Riverwalk Pollinator Garden
Plant Height:	3'-5'
Plant Spread:	1'
Bloom Time:	Spring
Mulch Technique:	3"-4" layer to insulate soil/ roots in winter
Care Narrative:	Mostly self sufficient; water only needs be applied once a week in time of drought; can reduce spread by pruning flowers before they turn into seed pod



Latin Name:	Ratibida pinnata
Common Name:	Yellow Coneflower
Plant Type:	Herbaceous Perennial
Location:	Riverwalk Pollinator Garden
Plant Height:	3'-4'
Plant Spread:	2'
Bloom Time:	Early summer - early fall
Mulch Technique:	Uncovered
Care Narrative:	Low maintenance. Remove spent flowers and cut back the stems to encourage further blooms and reduce self-seeding; propegate by seed in spring, but may need a cold swell before it will germinate. Root cuttings can be taken in late fall or early winter. Grows in clumps up to 3' tall thriving in full sun; avoid overly rich/fertile soil as plant may become leggy



Latin Name:	Monarda fistulosa
Common Name:	Wild Bergamot
Plant Type:	Herbaceous Perennial
Location:	Riverwalk Pollinator Garden
Plant Height:	4'
Plant Spread:	2.5'
Bloom Time:	May-Sep
Mulch Technique:	Uncovered

Care Narrative:

Extra watering during dry summers; divide large plants every 2-3 years to reduce spreading due to rhizomes (done in March before plant send up stems)



Latin Name:	Symphyotrichum novae-angliae
Common Name:	New England Aster
Plant Type:	Herbaceous Perennial
Location:	Riverwalk Pollinator Garden
Plant Height:	3'-6'
Plant Spread:	3'
Bloom Time:	Aug-Oct
Mulch Technique:	Uncovered

Care Narrative:

Bloom is a deep pink-purple; requires medium water; plants may be cut to the ground after flowering to prevent unwanted self seeding or to control unsightly foliage; pinching back stems before mid-July will control plant height and help to delay flowering



Latin Name:	Panicum virgatum 'Heavy Metal'
Common Name:	Heavy Metal Switch Grass
Plant Type:	Ornamental Grass
Location:	Riverwalk Pollinator Garden
Plant Height:	4'-5'
Plant Spread:	3'
Bloom Time:	Mid to late summer
Mulch Technique:	Uncovered
Care Narrative:	Perennial; water regularly, cut old foliage back in late winter/early spring



Latin Name:	Sorghastrum nutans
Common Name:	Indian Grass
Plant Type:	Ornamental Grass
Location:	Riverwalk Pollinator Garden
Plant Height:	4'-5'
Plant Spread:	2'
Bloom Time:	Aug-Oct
Mulch Technique:	Uncovered
Care Narrative:	If wanted for cosmetic purposes, trim, but to a height no lower than 8"; bloom color is yellow



Latin Name:	Solidago speciosa
Common Name:	Snowy Goldenrod
Plant Type:	Herbaceous Perennial
Location:	Riverwalk Pollinator Garden
Plant Height:	2'-3'
Plant Spread:	2.5'
Bloom Time:	July-September
Mulch Technique:	Uncovered
Care Narrative:	Remove spent flower clusters to encourage additional bloom; no serious insect or disease problems; leaf rust is an occasional problem; may need to be divided every 2-3 years to control growth



Latin Name:	Liatis aspera
Common Name:	Blazing Star
Plant Type:	Herbaceous Perennial
Location:	Riverwalk Pollinator Garden
Plant Height:	2'-3'
Plant Spread:	18"
Bloom Time:	August-October
Mulch Technique:	Uncovered
Care Narrative:	Intolerant of wet soils in winter; features rounded, fluffy, deep rose-purple flower heads which are crowded into long, terminal flower spikes atop erect, rigid, leafy flower stalks



Latin Name:	Echinacea purpurea 'Cheyenne Spirit'
Common Name:	Purple Coneflower
Plant Type:	Herbaceous Perennial
Location:	Riverwalk Pollinator Garden
Plant Height:	2 to 5 feet
Plant Spread:	1.5'
Bloom Time:	June-August
Mulch Technique:	Uncovered
Care Narrative:	Bloom is a purplish pink with daisy-like purple coneflowers; divide clumps when they become overcrowded (every 4 years); dead flower stems will remain erect well into the winter



Latin Name:	Asclepias purpurascens
Common Name:	Purple Milkweed
Plant Type:	Herbaceous Perennial
Location:	Riverwalk Pollinator Garden
Plant Height:	2'-3'
Plant Spread:	1-3 feet
Bloom Time:	May-July
Mulch Technique:	Uncovered
Care Narrative:	Can spread somewhat rapidly by rhizomes if seed pods are not removed prior to splitting open; looks similar to common milkweed aside from the purple flowers and more pointed leaves;



Latin Name:	Vernonia baldwinii
Common Name:	Prairie Ironweed
Plant Type:	Herbaceous Perennial
Location:	Riverwalk Pollinator Garden
Plant Height:	2'-5'
Plant Spread:	2'
Bloom Time:	July - September
Mulch Technique:	Uncovered

Care Narrative:

Perennial herb with purple flowers; plant height can be reduced by cutting back stems in late spring; remove flower heads before seed develops to prevent unwanted self seeding



Latin Name:	Agastache foeniculum
Common Name:	Anise Hyssop
Plant Type:	Herbaceous Perennial
Location:	Riverwalk Pollinator Garden
Plant Height:	2'-4'
Plant Spread:	1'-3' via rhizomes
Bloom Time:	Midsummer-Fall
Mulch Technique:	Uncovered

Care Narrative:

Short lived herbaceous perennial with blue flowers. Plants will self-sow readily, but undesired seedlings are easy to pull. Tolerates wide range of soils as long as there is good drainage. Great pollinator plant.



Latin Name:	<i>Asclepias verticillate</i>
Common Name:	Whorled Milkweed
Plant Type:	Herbaceous Perennial
Location:	Riverwalk Pollinator Garden
Plant Height:	1'-2'
Plant Spread:	1'
Bloom Time:	June-September
Mulch Technique:	Uncovered
Care Narrative:	Will self seed if seed pods are not removed prior to splitting open; will spread via rhizomes; flowers bloom in small clusters in the upper leaf axils and stem ends; flowers give way to smooth narrow seed pods (up to 3" long) which split open when ripe



Latin Name:	<i>Aquilegia canadensis</i>
Common Name:	Wild Columbine
Plant Type:	Herbaceous Perennial
Location:	Riverwalk Pollinator Garden
Plant Height:	1'-2'
Plant Spread:	1'-2'
Bloom Time:	April-May
Mulch Technique:	Uncovered
Care Narrative:	Freely self seeds and will naturalize to form large colonies; remove flowering stems after bloom to encourage additional bloom; keep soils uniformly moist after bloom to prolong attractive foliage appearance; when foliage depreciates plants may be cut to the ground



Latin Name:	Sporobolus heterolepis
Common Name:	Prairie Dropseed
Plant Type:	Ornamental Grass
Location:	Riverwalk Pollinator Garden
Plant Height:	1.5'-2'
Plant Spread:	2'-3'
Bloom Time:	August-October
Mulch Technique:	Uncovered
Care Narrative:	Trim back as one sees fit; will not spread on it's own



Latin Name:	Asclepias tuberosa
Common Name:	Butterfly Weed
Plant Type:	Herbaceous Perennial
Location:	Riverwalk Pollinator Garden
Plant Height:	1.5'-2'
Plant Spread:	1.5'
Bloom Time:	June-August
Mulch Technique:	Uncovered
Care Narrative:	New growth tends to emerge in late spring; slow to establish and may take 2-3 years to flower; mature plants may freely self seed if seed pods are not removed prior to splitting open; does not transplant well; crown rot may be a problem in poorly drained soils



Latin Name:	<i>rudbeckia hirta</i>
Common Name:	Dwarf Black Eyed Susan
Plant Type:	Herbaceous Perennial
Location:	Riverwalk Pollinator Garden
Plant Height:	2'-3'
Plant Spread:	2'
Bloom Time:	June-September
Mulch Technique:	Uncovered
Care Narrative:	Deadhead spent flowers to encourage additional bloom and/or to prevent any unwanted self-seeding; whether or not plant survives from one year to the next, it freely self-seeds and will usually remain in the garden because of this; susceptible to powdery mildew; watch for slugs and snails on young plants



Latin Name:	<i>Geranium maculatum</i>
Common Name:	Wild Geranium
Plant Type:	Herbaceous Perennial
Location:	Riverwalk Pollinator Garden
Plant Height:	1'-2'
Plant Spread:	1.5'
Bloom Time:	April-May
Mulch Technique:	Uncovered



Care Narrative:	Deadheading is tedious and unnecessary since plants usually do not repeat bloom; features a pink to lilac, saucer shaped, upward facing, 5 petaled flowers in spring for a period of 6-7 weeks; no serious insect or disease problems; rust and leaf spots may occur
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Latin Name:	Schizachyrium scoparium
Common Name:	Little Bluestem
Plant Type:	Ornamental Grass
Location:	Riverwalk Pollinator Garden
Plant Height:	2'-4'
Plant Spread:	2'
Bloom Time:	August-February
Mulch Technique:	Uncovered
Care Narrative:	Cut to the ground in late winter/early spring; features upright clumps of slender, flat, linear green leaves; no serious insect or disease issues



Latin Name:	Pyenanthemum tenuifolium
Common Name:	Slender Mountain Mint
Plant Type:	Herbaceous Perennial
Location:	Riverwalk Pollinator Garden
Plant Height:	2'-3'
Plant Spread:	2'
Bloom Time:	July-September
Mulch Technique:	Uncovered
Care Narrative:	Features narrow, needle like leaves and produces clusters of small, white flowers which bloom in late summer; no serious disease or insect problems; can be an aggressive grower



Latin Name:	Sporobolus heterolepis
Common Name:	Prairie Dropseed
Plant Type:	Ornamental Grass
Location:	Riverwalk Pollinator Garden
Plant Height:	1.5'-2'
Plant Spread:	2'-3'
Bloom Time:	August-October
Mulch Technique:	Uncovered
Care Narrative:	Trim back as needed; will not spread on it's own



NIFS Building and Promenade



Latin Name:	Muscari armeniacum 'Blue Spike'
Common Name:	Blue Spike Grape Hyacinth
Plant Type:	Bulb
Location:	NIFS
Plant Height:	.75'
Plant Spread:	.5'
Bloom Time:	April - royal blue with a thin white rim on bell
Mulch Technique:	Uncovered
Care Narrative:	Flowers emerge in early spring, keep ground moist during growing season but reduce when foliage begins to die back



Latin Name:	Narcissus 'April Tears'
Common Name:	April Tears Miniature Daffodil
Plant Type:	Herbaceous perennial
Location:	NIFS
Plant Height:	.5'-1'
Plant Spread:	.5'-1'
Bloom Time:	April-May
Mulch Technique:	Uncovered



Care Narrative:	Bloom is white to pale yellow; after the flowers have bloomed in the spring, the top of the portion of each flower stem can be removed to prevent unwanted seeding
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Latin Name:	Narcissus 'Jack Snipe'
Common Name:	Jack Snipe Daffodil
Plant Type:	Herbaceous perennial
Location:	NIFS
Plant Height:	1'
Plant Spread:	.75'
Bloom Time:	April
Mulch Technique:	Uncovered
Care Narrative:	Bloom is white with a yellow trumpet; can be divided by digging just after the foliage dies back if becomes too crowded



Latin Name:	Scilla campanulata 'White'
Common Name:	White Wood Hyacinth
Plant Type:	Herbaceous perennial
Location:	NIFS
Plant Height:	1'
Plant Spread:	1'
Bloom Time:	April-May
Mulch Technique:	Uncovered
Care Narrative:	Plants go dormant by early summer



Latin Name:	Taxus x media 'Wardil'
Common Name:	Ward's Yew
Plant Type:	Needled evergreen
Location:	NIFS
Plant Height:	3'-6'
Plant Spread:	8'-20'
Bloom Time:	Non-flowering
Mulch Technique:	Uncovered
Care Narrative:	Cannot survive wet soil; trim back as seen fit



Latin Name:	Vinca Minor
Common Name:	Common Periwinkle
Plant Type:	Herbaceous Perennial
Location:	NIFS
Plant Height:	.5'
Plant Spread:	1'
Bloom Time:	May-June
Mulch Technique:	Uncovered
Care Narrative:	Groundcover; Lavender blue bloom



Latin Name:	Buxus x 'Green Velvet'
Common Name:	Green Velvet Boxwood
Plant Type:	Broadleaf evergreen
Location:	NIFS Promenade
Plant Height:	2'
Plant Spread:	3'-4'
Bloom Time:	April
Mulch Technique:	Roots appreciate organic mulch of 1-2"
Care Narrative:	Pruning should not be done prior to the last spring frost date. Avoid cultivating around plant because of its shallow roots; thin plants and remove dead/damaged branches annually to improve air circulation; carefully remove heavy snow accumulation as fast as possible



Latin Name:	Hydrangea Quercifolia 'Pee Wee'
Common Name:	Pee Wee Oakleaf Hydrangea
Plant Type:	Deciduous Shrub
Location:	NIFS Promenade
Plant Height:	3'-4'
Plant Spread:	2'
Bloom Time:	June-July
Mulch Technique:	Appreciates a summer mulch to help retain moisture
Care Narrative:	Bloom occurs on old wood; prune if needed immediately after flowering (little pruning is usually needed); winter damaged stems can be pruned in early spring



Latin Name:	Ilex verticillata 'Nana'
Common Name:	Red Sprite Winterberry
Plant Type:	Deciduous shrub
Location:	NIFS Promenade
Plant Height:	2'
Plant Spread:	3'-12'
Bloom Time:	June-July
Mulch Technique:	Uncovered
Care Narrative:	Prune to shape in early spring just before new growth appears



Latin Name:	Ilex verticillata 'Jim Dandy'
Common Name:	Jim Dandy Winterberry
Plant Type:	Deciduous shrub
Location:	NIFS Promenade
Plant Height:	5'
Plant Spread:	4'-8'
Bloom Time:	June-July
Mulch Technique:	Uncovered
Care Narrative:	Prune to shape in early spring just before new growth appears



Latin Name:	<i>Ilex virginica</i> 'Spirch'
Common Name:	Little Henry Sweetspire
Plant Type:	Deciduous shrub
Location:	NIFS Promenade
Plant Height:	2'
Plant Spread:	2'
Bloom Time:	June-July
Mulch Technique:	Uncovered

Care Narrative:

Can form dense colonies by root suckering if left unchecked



Latin Name:	<i>Tulipa linifolia</i>
Common Name:	Naturalizing Tulip
Plant Type:	Bulb
Location:	NIFS Promenade
Plant Height:	1'
Plant Spread:	1'
Bloom Time:	April
Mulch Technique:	Uncovered

Care Narrative:

Remove flower stems promptly after bloom to prevent seed formation, but leave foliage in place until it yellows. This species tulip will establish itself in the garden and perform well over a longer period of years than most hybrid tulips.



Latin Name:	Aster tataricus
Common Name:	Tatarian Aster
Plant Type:	Herbaceous perennial
Location:	NIFS Promenade
Plant Height:	3'-6'
Plant Spread:	2'-3'
Bloom Time:	September
Mulch Technique:	Uncovered
Care Narrative:	Easily grown in average, medium, well-drained soils in full sun. Divide every 3-4 years if needed to control growth. Plants can spread aggressively by rhizomes in optimum growing conditions.



Latin Name:	Baptisia australis
Common Name:	False Indigo
Plant Type:	Herbaceous perennial
Location:	NIFS Promenade
Plant Height:	3'-4'
Plant Spread:	3'-4'
Bloom Time:	May-June
Mulch Technique:	Uncovered
Care Narrative:	Over time, plants develop slowly expanding clumps with deep and extensive root systems, and should not be disturbed once established. May be grown from seed, but takes several years to establish. Plants take on more of a shrubby appearance and tend to open up after bloom. Trimming or shearing foliage after bloom helps maintain rounded plant appearance and obviates a possible need for staking, but eliminates the developing seed pods which are so attractive.



Latin Name:	Carex pennsylvanica
Common Name:	Pennsylvania Sedge
Plant Type:	Sedge
Location:	NIFS Promenade
Plant Height:	1'
Plant Spread:	1'
Bloom Time:	May
Mulch Technique:	Uncovered
Care Narrative:	Plant spreads via rhizomes, may self seed in optimum conditions



Latin Name:	Hemerocallis 'Custard Candy'
Common Name:	Daylily
Plant Type:	Herbaceous perennial
Location:	NIFS Promenade
Plant Height:	2'
Plant Spread:	2'
Bloom Time:	Summer-Fall
Mulch Technique:	Uncovered
Care Narrative:	Remove spent flowers

Latin Name:	Hemerocallis 'Gentle Shepard'
Common Name:	Daylilly
Plant Type:	Herbaceous perennial
Location:	NIFS Promenade
Plant Height:	2'
Plant Spread:	2'
Bloom Time:	June-July
Mulch Technique:	Uncovered



Care Narrative:	Plants are tolerant of heat but appreciate deep watering in dry spells to keep foliage attractive; divide every three to four years in either fall or spring
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Latin Name:	Hemerocallis 'Joan Senior'
Common Name:	Daylilly
Plant Type:	Herbaceous perennial
Location:	NIFS Promenade
Plant Height:	2'
Plant Spread:	2'
Bloom Time:	May-July
Mulch Technique:	Uncovered



Care Narrative:	Deadhead spent flowers and remove scraps when flowers have completed bloom; divide every 3-4 years in either fall or spring
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Latin Name:	Liriope muscari 'Big Blue'
Common Name:	Big Blue Lillyturf
Plant Type:	Herbaceous perennial
Location:	NIFS Promenade
Plant Height:	2'
Plant Spread:	2'
Bloom Time:	August-September
Mulch Technique:	Uncovered

Care Narrative:	Over time, plants develop slowly expanding clumps with deep and extensive root systems, and should not be disturbed once established. May be grown from seed, but takes several years to establish. Plants take on more of a shrubby appearance and tend to open up after bloom. Trimming or shearing foliage after bloom helps maintain rounded plant appearance and obviates a possible need for staking, but eliminates the developing seed pods which are so attractive.
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Latin Name:	Molinia caerulea arundinacea 'Moorflamme'
Common Name:	Moor Grass
Plant Type:	Ornamental grass
Location:	NIFS Promenade
Plant Height:	2'
Plant Spread:	1'-2'
Bloom Time:	July-September
Mulch Technique:	Uncovered

Care Narrative:	Cut any surviving foliage back to the ground in early spring just before the new leaf blades appear; this is a slow growing grass, hence small starter divisions should be avoided unless one has the patience to wait several years for the plant to mature
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Latin Name:	<i>Paeonia lactiflora</i> 'Jan can Leeuwen'
Common Name:	Peony
Plant Type:	Herbaceous perennial
Location:	NIFS Promenade
Plant Height:	3'
Plant Spread:	3'
Bloom Time:	Early summer
Mulch Technique:	Uncovered
Care Narrative:	Remove dead flowers as they fade; cut back plant after the foliage has died down in autumn



Latin Name:	<i>Penstemon digitalis</i> 'Husker Red'
Common Name:	Beardstongue
Plant Type:	Herbaceous perennial
Location:	NIFS Promenade
Plant Height:	2'-3'
Plant Spread:	1'-2'
Bloom Time:	April-June
Mulch Technique:	Uncovered
Care Narrative:	Features white, two-lipped, tubular flowers (to 1.25" long) borne in panicles atop erect, rigid stems. Flowers bloom mid-spring to early summer. Basal leaves are elliptic and stem leaves are lance-shaped to oblong.



Latin Name:	Sisyrinchium angustifolium
Common Name:	Blue-eyed grass
Plant Type:	Herbaceous perennial
Location:	NIFS Promenade
Plant Height:	2'
Plant Spread:	1'
Bloom Time:	May-June
Mulch Technique:	Uncovered

Care Narrative:

Plantings may be sheared back after bloom to avoid any unwanted self-seeding and to tidy foliage for remaining part of the growing season. Plants may need to be divided every 2-3 years to keep plantings vigorous.



Latin Name:	Achillea millefolium 'Terra Cotta'
Common Name:	Terra Cotta Yarrow
Plant Type:	Herbaceous perennial
Location:	NIFS Promenade
Plant Height:	2'-3'
Plant Spread:	2'-3'
Bloom Time:	June-September
Mulch Technique:	Uncovered

Care Narrative:

Consider cutting back plant stems in late spring before flowering to reduce overall plant height. Cutting plants back to lateral flower buds after initial flowering will tidy the planting and encourage additional bloom. Plants may also be cut back to basal foliage after bloom. Divide clumps as needed (every 2-3 years) to maintain vitality of the planting. Plants spread aggressively by rhizomes and self-seeding, and can naturalize into substantial colonies if left unchecked.



Latin Name:	Dalea purpurea
Common Name:	Prairie Clover
Plant Type:	Herbaceous perennial
Location:	NIFS Promenade
Plant Height:	1'-3'
Plant Spread:	1'
Bloom Time:	June-August
Mulch Technique:	Uncovered

Care Narrative:

Typically grows 1-3' tall. Features tiny purple flowers in dense, cone-like heads (to 2" long) atop erect, wiry stems in summer. Compound, odd-pinnate leaves, with 3-5 narrow linear leaflets.



Latin Name:	Heuchera vilosa 'Autumn Bride'
Common Name:	Autumn Bride Coral Bells
Plant Type:	Herbaceous perennial
Location:	NIFS Promenade
Plant Height:	2'-3'
Plant Spread:	2'
Bloom Time:	August-September

Mulch Technique:

In cold winter climates, a winter mulch applied after the ground freezes will help prevent root heaving

Care Narrative:

Divide clumps in spring every 3-4 years



Latin Name:	Polygonatum odoratum variegatum
Common Name:	Solomon's Seal
Plant Type:	Herbaceous perennial
Location:	NIFS Promenade
Plant Height:	2'-3'
Plant Spread:	1'
Bloom Time:	April-May
Mulch Technique:	Uncovered

Care Narrative: Leaves turn an attractive yellow in fall. Greenish-white tubular flowers (to 7/8" long) on short pedicels droop (usually in pairs but sometimes solitarily) from the leaf axils along and beneath the arching stems. Flowers have a sweet, lily-like fragrance. Flowers bloom late spring to early summer (May-June). Flowers are followed by attractive pendulous blue-black berries (each 1/4" diameter) in fall which hang downward from the leaf axils.



Latin Name:	allium atropurpureum
Common Name:	Ornamental onion
Plant Type:	Bulb
Location:	NIFS Promenade
Plant Height:	2'
Plant Spread:	1'
Bloom Time:	May-June
Mulch Technique:	Uncovered

Care Narrative: Bloom is a deep pink-purple; requires medium water; plants may be cut to the ground after flowering to prevent unwanted self seeding or to control unsightly foliage; pinching back stems before mid-July will control plant height and help to delay flowering



Latin Name:	Allium sphaerocephalon
Common Name:	Drumstick Allium
Plant Type:	Bulb
Location:	NIFS Promenade
Plant Height:	2'-3'
Plant Spread:	1'
Bloom Time:	June-July
Mulch Technique:	Uncovered
Care Narrative:	Deadhead flowers before seed sets to help control any unwanted spread; bulbs of established plants may be dug, divided, and replanted in late summer to early fall after foliage has died down



Latin Name:	Allium stipitatrnr 'Mt Everest'
Common Name:	Mt Everest Daffodil
Plant Type:	Herbaceous perennial
Location:	NIFS Promenade
Plant Height:	3'
Plant Spread:	6"
Bloom Time:	May-June
Mulch Technique:	Uncovered
Care Narrative:	Remove spent flowers



Latin Name:	Crocus tommasinianus 'Lilac Beauty'
Common Name:	Tommie Crocus
Plant Type:	Herbaceous perennial
Location:	NIFS Promenade
Plant Height:	3"-4"
Plant Spread:	6"
Bloom Time:	Late winter - Early spring
Mulch Technique:	Uncovered
Care Narrative:	Remove spent flowers



Latin Name:	Narcissus actaea
Common Name:	Daffodil
Plant Type:	Bulb
Location:	NIFS Promenade
Plant Height:	1'
Plant Spread:	.5'
Bloom Time:	April
Mulch Technique:	Uncovered



ICTC



Latin Name:	Perovskia Atriplicifolia
Common Name:	Russian Sage - Non native
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	4'
Plant Spread:	3'
Bloom Time:	July-October
Mulch Technique:	Uncovered

Care Narrative: Cut plant almost to ground in late winter to early spring as soon as new growth appears



Latin Name:	Coreopsis Verticillata
Common Name:	Whorled tickseed
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	3'
Plant Spread:	2'
Bloom Time:	June-September
Mulch Technique:	Uncovered

Care Narrative: Prompt deadheading of spent flower stalks can encourage additional bloom and prevent any unwanted self-seeding; may be sheared in late to mid summer to promote a fall rebloom and to remove any sprawling or unkempt foliage



Latin Name:	Liatris Spicata
Common Name:	Dense Blazing Star
Plant Type:	Herbaceous Perennial
Location:	ICTC
Plant Height:	2'-4'
Plant Spread:	.5'-1.5'
Bloom Time:	July-August
Mulch Technique:	Uncovered

Care Narrative: Leaves turn an attractive yellow in fall. Greenish-white tubular flowers (to 7/8" long) on short pedicels droop (usually in pairs but sometimes solitarily) from the leaf axils along and beneath the arching stems. Flowers have a sweet, lily-like fragrance. Flowers bloom late spring to early summer (May-June). Flowers are followed by attractive pendulous blue-black berries (each 1/4" diameter) in fall which hang downward from the leaf axils.



Latin Name:	Ceratostigma plumbaginoides
Common Name:	Blue leadwood - Non Native
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	1'
Plant Spread:	1'
Bloom Time:	July-September
Mulch Technique:	Uncovered

Care Narrative: Can spread aggressively



Latin Name:	Calamagrostis x acutiflora
Common Name:	Karl Foerster - Feather reed grass
Plant Type:	Ornamental grass
Location:	ICTC
Plant Height:	3'-5'
Plant Spread:	2'
Bloom Time:	May-February
Mulch Technique:	Uncovered
Care Narrative:	Cut clumps to the ground in late winter just before the new spring shoots appear



Latin Name:	Buddleja davidii
Common Name:	Black Knight Butterfly Bush
Plant Type:	Deciduous shrub
Location:	ICTC
Plant Height:	7'
Plant Spread:	4'
Bloom Time:	June-September
Mulch Technique:	Uncovered
Care Narrative:	Bloom is very dark purple; cut close to the ground each year



Latin Name:	Rosa x 'Noala'
Common Name:	Coral Flower Carpet
Plant Type:	Deciduous shrub
Location:	ICTC
Plant Height:	2'-3'
Plant Spread:	2'
Bloom Time:	Mid spring until frost
Mulch Technique:	Uncovered

Care Narrative:

Cut back one third annually in late winter or early spring; trim to shape any time of year as seen fit



Latin Name:	Echinacea purpurea 'Cheyenne Spirit'
Common Name:	Purple Coneflower
Plant Type:	Herbaceous Perennial
Location:	ICTC
Plant Height:	2 to 5 feet
Plant Spread:	1.5'
Bloom Time:	June-August
Mulch Technique:	Uncovered

Care Narrative:

Bloom is a purplish pink with daisy-like purple coneflowers; divide clumps when they become overcrowded (every 4 years); dead flower stems will remain erect well into the winter



Latin Name:	Nepeta Faassenii
Common Name:	Nepeta - Six Hills Giant
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	1'-2'
Plant Spread:	2'-3'
Bloom Time:	May-September
Mulch Technique:	Uncovered
Care Narrative:	Shear flower spikes after initial flowering to promote continued bloom;



Latin Name:	Pennisetum Alopecuroides (Non-Native)
Common Name:	Fountain Grass
Plant Type:	Ornamental grass
Location:	ICTC
Plant Height:	3'-5'
Plant Spread:	3'-5'
Bloom Time:	July-February
Mulch Technique:	Uncovered
Care Narrative:	Divide clumps in spring every 3-4 years



Latin Name:	Allium sphaerocephalon (Non-Native)
Common Name:	Round Headed Leek
Plant Type:	Bulb
Location:	ICTC
Plant Height:	2'-3'
Plant Spread:	1'-1.5'
Bloom Time:	June-July
Mulch Technique:	Uncovered

Care Narrative:

Leaves turn an attractive yellow in fall. Greenish-white tubular flowers (to 7/8" long) on short pedicels droop (usually in pairs but sometimes solitarily) from the leaf axils along and beneath the arching stems. Flowers have a sweet, lily-like fragrance. Flowers bloom late spring to early summer (May-June). Flowers are followed by attractive pendulous blue-black berries (each 1/4" diameter) in fall which hang downward from the leaf axils.



Latin Name:	Periscacra affinis (Non-Native)
Common Name:	Darjeeling Red
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	1'
Plant Spread:	1'-2'
Bloom Time:	July-October
Mulch Technique:	Uncovered

Care Narrative:

Bloom is a deep pink-purple; requires medium water; plants may be cut to the ground after flowering to prevent unwanted self seeding or to control unsightly foliage; pinching back stems before mid-July will control plant height and help to delay flowering



Latin Name:	Achillea Millefolium
Common Name:	Terracotta/Yarrow
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	2'-3'
Plant Spread:	2'-3'
Bloom Time:	June-September
Mulch Technique:	Uncovered

Care Narrative:

Cutting plants back to lateral flower buds after initial flowering will tidy the planting and encourage additional bloom; plants may be cut back to basal foliage after bloom; divide clumps as needed (every 2-3 years); plants spread aggressively by rhizomes and self seeding



Latin Name:	Artemisia ludoviciana
Common Name:	Silver King
Plant Type:	Perennial
Location:	ICTC
Plant Height:	1'-3'
Plant Spread:	2'-3'
Bloom Time:	July-October
Mulch Technique:	Uncovered

Care Narrative:

Remove flower heads as they appear to prevent self-seeding



Latin Name:	Symphotrichum oblongifolius
Common Name:	October Skies Aster
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	1'-3'
Plant Spread:	1'-3'
Bloom Time:	August-September
Mulch Technique:	Uncovered

Care Narrative:	A bushy, stiff, compact, low growing plant with hairy stems
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Latin Name:	Salvia Nemorosa
Common Name:	Mainacht
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	1'-2'
Plant Spread:	1'-2'
Bloom Time:	June-September
Mulch Technique:	Uncovered

Care Narrative:	Remove spent flower spikes to help extend extend the bloom period; plants become somewhat floppy and open up as the summer progresses; if this becomes unsightly then consider cutting them back to the basal foliage
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Latin Name:	Eupatorium hyssopifolium
Common Name:	Hyssop-Leaf Thoroughwort
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	2'-4'
Plant Spread:	1'-2'
Bloom Time:	August-October
Mulch Technique:	Uncovered
Care Narrative:	A fine textured vase shaped perennial. Foliage is narrow and gray green. In late summer plants are covered with dense flat terminal clusters of white florets. The clouds of flowers attract a myriad of pollinators. This species thrives in well drained or dry sites with sun or part sun.



Latin Name:	Geranium catabrigiense
Common Name:	Hardy Geranium 'Karmina'
Plant Type:	Hardy geranium
Location:	ICTC
Plant Height:	1'
Plant Spread:	1'
Bloom Time:	May-June
Mulch Technique:	Uncovered
Care Narrative:	Side stems may be removed at any time to control spread; foliage may decline after flowering in hot summer climates - at which point it may be lightly sheared back and shaped to revitalize



Latin Name:	Echinacea Purpurea 'Alba'
Common Name:	White Coneflower
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	1.5'-2'
Plant Spread:	1'-1.5'
Bloom Time:	July-September
Mulch Technique:	Uncovered

Care Narrative:

Large daisy flowers with relaxed white petals surrounding a greenish-brown central cone. Divide every 3 years and trim back as seen fit; remove spent flowers



Latin Name:	Rudbeckia fulgida
Common Name:	Orange Coneflower
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	2'-3'
Plant Spread:	2'
Bloom Time:	June-October
Mulch Technique:	Uncovered

Care Narrative:

Deadhead spent flowers to encourage additional bloom; plants slowly spread via rhizome



Latin Name:	<i>Inula racemosa</i>
Common Name:	Sonnenspeer
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	6'
Plant Spread:	5'
Bloom Time:	July-August
Mulch Technique:	Uncovered

Care Narrative:

Cutting plants back to lateral flower buds after initial flowering will tidy the planting and encourage additional bloom; plants may be cut back to basal foliage after bloom; divide clumps as needed (every 2-3 years); plants spread aggressively by rhizomes and self seeding



Latin Name:	<i>Lysimachia clethroides</i>
Common Name:	Gooseneck loosestrife
Plant Type:	Herbaceous Perennial
Location:	ICTC
Plant Height:	2'-3'
Plant Spread:	2'-4'
Bloom Time:	June-July
Mulch Technique:	Uncovered

Care Narrative:

Spreads via rhizomes and can be very aggressive; numerous tiny, star shaped white flowers which arch above the foliage



Latin Name:	Senecio aureus
Common Name:	Golden ragwort
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	.5'-2.5'
Plant Spread:	1'
Bloom Time:	April
Mulch Technique:	Uncovered

Care Narrative:	Freely self seeds; remove flowering stems after bloom /seed dispersal
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Latin Name:	Panicum virgatum
Common Name:	Cloud Nine
Plant Type:	Ornamental grass
Location:	ICTC
Plant Height:	3'-6'
Plant Spread:	2'-3'
Bloom Time:	July-February
Mulch Technique:	Uncovered

Care Narrative:	Grows primarily in clumps, but will slowly spread by slightly creeping rhizomes; cut back clumps to the ground in late winter to early spring; plants
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Latin Name:	Calamintha nepetoides
Common Name:	Calamint
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	1'-1.5'
Plant Spread:	1'-2'
Bloom Time:	June-September
Mulch Technique:	Uncovered
Care Narrative:	May spread by rhizomes and self seeding to form an interesting ground cover. Stems may root at the nodes where they touch the ground; shear or cut back plants after flowering



Latin Name:	Viburnum x 'juddii'
Common Name:	Judd viburnum
Plant Type:	Deciduous shrub
Location:	ICTC
Plant Height:	6'-8'
Plant Spread:	6'-10'
Bloom Time:	April
Mulch Technique:	Uncovered
Care Narrative:	Prune as needed immediately flowering, however pruning off spent flowers will eliminate summer fruit display, Ovate to ovate-oblong or elliptic, dark green leaves (to 2.5" long) turn burgundy purple to red in fall. Flowers are followed by berry-like drupes which ripen from red to black from late summer to early fall



Latin Name:	Carex muskingumensis
Common Name:	Oehme Palm Sedge
Plant Type:	Sedge
Location:	ICTC
Plant Height:	1'-2'
Plant Spread:	1'-2'
Bloom Time:	May-September
Mulch Technique:	Uncovered

Care Narrative:

A bushy, stiff, compact, low growing plant with hairy stems



Latin Name:	Ceratostigma plumbaginoides
Common Name:	Plumbago
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	1'
Plant Spread:	1'
Bloom Time:	July-September
Mulch Technique:	Light winter mulch to protect the plant from harsh winter temperatures



Care Narrative:

Spreads by rhizomes and can be somewhat aggressive;



Latin Name:	Geranium Macrorrhizum
Common Name:	Ingwersen's Variety
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	1'
Plant Spread:	2'
Bloom Time:	May-July
Mulch Technique:	Uncovered
Care Narrative:	Does not need to be cut back, pruned, or sheared after flowering; removal of flower stems also unnecessary; clumps can be divided if necessary



Latin Name:	Astilbe japonica
Common Name:	Deutschland
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	2'-3'
Plant Spread:	2'
Bloom Time:	Summer
Mulch Technique:	Uncovered
Care Narrative:	No deadheading required unless for aesthetic purposes; clumps should be divided every 4 years



Latin Name:	Astilbe japonica
Common Name:	Rheinland
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	1'
Plant Spread:	1'-2'
Bloom Time:	Summer
Mulch Technique:	Uncovered

Care Narrative:	No deadheading required; clumps should be divided every 4 years
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Latin Name:	Brunnera macrophylla (Non-Native)
Common Name:	Siberian Bugloss
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	1'
Plant Spread:	1.5'
Bloom Time:	April-May
Mulch Technique:	Uncovered

Care Narrative:	Remove spent flower spikes to help extend the bloom period; plants become somewhat floppy and open up as the summer progresses; if this becomes unsightly then consider cutting them back to the basal foliage
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Latin Name:	Deschampsia cespitosa
Common Name:	Tufted hair grass
Plant Type:	Ornamental grass
Location:	ICTC
Plant Height:	2'-3'
Plant Spread:	1'-2'
Bloom Time:	July-September
Mulch Technique:	Uncovered
Care Narrative:	Cut foliage to the ground in late winter before new shoots appear



Latin Name:	Hydrangea quercifolia
Common Name:	Oakleaf hydrangea
Plant Type:	Deciduous shrub
Location:	ICTC
Plant Height:	6'-8'
Plant Spread:	6'-8'
Bloom Time:	May-July
Mulch Technique:	Uncovered
Care Narrative:	Prune if needed immediately after flowering; may lose significant numbers in harsh winters



Latin Name:	Alchemilla mollis
Common Name:	Lady's Mantle
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	1'
Plant Spread:	2'
Bloom Time:	June
Mulch Technique:	Uncovered

Care Narrative: Prompt removal of spent flower stems will prevent self-seeding as well as encourage a sparse late summer re-bloom



Latin Name:	Geranium Macrorrhizum
Common Name:	Cranesbill 'Ingwersen's Variety' - Non Native
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	1'
Plant Spread:	1'-2'
Bloom Time:	May-July
Mulch Technique:	Uncovered

Care Narrative: Does NOT need to be cut back, sheared, or trimmed after flowering; removal of flowering stems is all that is necessary



Latin Name:	Helleborus orientalis
Common Name:	Lenten Rose
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	1'
Plant Spread:	1'
Bloom Time:	April
Mulch Technique:	Uncovered

Care Narrative: Cut back flowering stems after bloom to promote new foliage growth



Latin Name:	Euphorbia amygdalioides var. robbiae
Common Name:	Spurge
Plant Type:	Herbaceous perennial
Location:	ICTC
Plant Height:	2'
Plant Spread:	1'
Bloom Time:	April-June
Mulch Technique:	Uncovered

Care Narrative: Will self seed unless flowers are deadheaded prior to seed setting



Latin Name:	Tiarella cordifolia
Common Name:	Foam Flower 'Skeleton Key'
Plant Type:	Herbaceous Perennial
Location:	ICTC
Plant Height:	1'
Plant Spread:	2'
Bloom Time:	May
Mulch Technique:	Uncovered

Care Narrative:

Removal of flower spikes after bloom will improve appearance of foliage mound



CE Lot 80



Latin Name:	Schizachrium scorparium 'Jazz'
Common Name:	Jazz Little Bluestem Grass
Plant Type:	Ornamental Grass
Location:	CE Lot 80
Plant Height:	2'
Plant Spread:	1'
Bloom Time:	August - February
Mulch Technique:	Uncovered
Care Narrative:	Cut old leaves back to 2-4" in late winter or early spring; do not fertilize heavily, not at all on richer soils (watering and overfertilization will promote lodging)



Latin Name:	Hemerocallis x 'Happy Returns'
Common Name:	Happy Returns Daylilly
Plant Type:	Herbaceous perennial
Location:	CE Lot 80
Plant Height:	1'-1.5'
Plant Spread:	1.5'
Bloom Time:	June-October
Mulch Technique:	Uncovered
Care Narrative:	Deadhead spent flowers for neatness and remove scapes when flowers have completed bloom; divide every 3 years in either fall or spring; plant foliage usually dies in fall but is sometimes semi-evergreen or evergreen



Latin Name:	Nepeta x fassenii 'Walkers Low'
Common Name:	Walkers Low Catmint
Plant Type:	Herbaceous perennial
Location:	CE Lot 80
Plant Height:	1'-2'
Plant Spread:	2'-3'
Bloom Time:	May-September
Mulch Technique:	Uncovered
Care Narrative:	Plants may be cut back before first flowering to promote more compact size; shear flower spikes after initial flowering to promote continued bloom



Latin Name:	Sedum x 'Autumn Joy'
Common Name:	Autumn Joy Sedum
Plant Type:	Herbaceous Perennial
Location:	CE Lot 80
Plant Height:	2'
Plant Spread:	2'
Bloom Time:	September-October
Mulch Technique:	Uncovered
Care Narrative:	Side stems may be removed at any time to control spread; foliage may decline after flowering in hot summer climates - at which point it may be lightly sheared back and shaped to revitalize



Latin Name:	Carex annectans
Common Name:	Yellow Fox Sedge
Plant Type:	Herbaceous Perennial
Location:	CE Lot 80
Plant Height:	1'-3'
Plant Spread:	1'-2'
Bloom Time:	May-June
Mulch Technique:	Uncovered

Care Narrative: Trim as seen fit; flowers appear in late spring in green/yellow/brown spikes atop stems rising above the foliage



Latin Name:	Hydrangea arborescens 'Annabelle'
Common Name:	Annabelle Smooth Hydrangea
Plant Type:	Deciduous Shrub
Location:	CE Lot 80
Plant Height:	3'-5'
Plant Spread:	3'-5'
Bloom Time:	June-September
Mulch Technique:	Uncovered

Care Narrative: Bloom occurs on new wood, so plants may be pruned back close to the ground in late winter to revitalize and to encourage vigorous stem growth and best form; if not pruned, any weakened and/or damaged stems should be removed in early spring; pruning stems back to the ground in late winter each year helps promote stem vigor



Latin Name:	Hypericum x 'Hidcote'
Common Name:	Hidcote St. John's Wort
Plant Type:	Deciduous Shrub
Location:	CE Lot 80
Plant Height:	2'-4'
Plant Spread:	2'4'
Bloom Time:	June-September
Mulch Technique:	Uncovered

Care Narrative: Often dies to the ground in cold winter climates; blooms on new growth, therefore may be best to cut to the ground each year;



Latin Name:	Llex verticillata 'Southern Gentleman'
Common Name:	Winterberry (Male)
Plant Type:	Deciduous Shrub
Location:	CE Lot 80
Plant Height:	6'-8'
Plant Spread:	6'-8'
Bloom Time:	June-July
Mulch Technique:	Uncovered

Care Narrative: Prune to shape in early spring just before new growth appears



Latin Name:	<i>Itea virginica</i> 'Henry's'
Common Name:	Henry's Garnet Sweetspire
Plant Type:	Deciduous Shrub
Location:	CE Lot 80
Plant Height:	3'-4'
Plant Spread:	4'-6'
Bloom Time:	May-June
Mulch Technique:	Uncovered

Care Narrative: Trim back as seen fit



Latin Name:	<i>Juniperus conferta</i> 'Blue Pacific'
Common Name:	Blue Pacific Juniper
Plant Type:	Needled evergreen
Location:	CE Lot 80
Plant Height:	.5'-1'
Plant Spread:	4'-6'
Bloom Time:	Non-flowering
Mulch Technique:	Uncovered

Care Narrative: Side stems may be removed at any time to control spread; foliage may decline after flowering in hot summer climates - at which point it may be lightly sheared back and shaped to revitalize



Latin Name:	Physocarpus opulifolius 'Coppertina'
Common Name:	Coppertina Ninebark
Plant Type:	Deciduous shrub
Location:	CE Lot 80
Plant Height:	5'-8'
Plant Spread:	4'-6'
Bloom Time:	May-June
Mulch Technique:	Uncovered

Care Narrative:

Plants may be cut close to the ground in the winter to rejuvenate



Latin Name:	Rhus aromatica 'Gro-Low'
Common Name:	Gro-Low Fragrant Sumac
Plant Type:	Deciduous shrub
Location:	CE Lot 80
Plant Height:	1.5'-2'
Plant Spread:	6'-8'
Bloom Time:	April-May
Mulch Technique:	Uncovered

Care Narrative:

Side stems may be removed at any time to control spread; foliage may decline after flowering in hot summer climates - at which point it may be lightly sheared back and shaped to revitalize



Latin Name:	Rosa rugosa 'Alba'
Common Name:	White Rugosa Rose
Plant Type:	Groundcover
Location:	CE Lot 80
Plant Height:	4'-6'
Plant Spread:	3'-5'
Bloom Time:	June-August
Mulch Technique:	Summer mulch helps retain moisture

Care Narrative:

Removal of flower spikes after bloom will improve appearance of foliage mound



Latin Name:	Rosa x 'Double Knockout'
Common Name:	Double Knockout Shrub Rose
Plant Type:	Deciduous shrub
Location:	CE Lot 80
Plant Height:	3'-4'
Plant Spread:	3'-4'
Bloom Time:	June-frost
Mulch Technique:	Summer mulch helps to retain moisture

Care Narrative:

Remove spent flowers to encourage re-bloom; crowns need winter protection; remove and destroy diseased leaves; prune as needed in late winter to early spring



Latin Name:	Llex verticillata 'Southern Gentleman'
Common Name:	Winterberry (Male)
Plant Type:	Deciduous Shrub
Location:	CE Lot 80
Plant Height:	6'-8'
Plant Spread:	6'-8'
Bloom Time:	June-July
Mulch Technique:	Uncovered
Care Narrative:	Prune to shape in early spring just before new growth appears



Inlow Hall



Latin Name:	<i>Euonymus fortunei</i> 'coloratus'
Common Name:	Wintercreeper Euonymus
Plant Type:	Herbaceous Perennial
Location:	Inlow Hall
Plant Height:	1'
Plant Spread:	1'-3'
Bloom Time:	April
Mulch Technique:	Uncovered

Care Narrative:

Euonymus scale can be a significant problem and should be treated if it appears. Anthracnose, crown gall, leaf spot, mildew and aphids can also be problems. Can spread invasively into lawns or adjacent garden areas or can climb adjacent structures.



Latin Name:	<i>Forsythia x viridissima</i> 'Bronxensis'
Common Name:	Bronx Forsythia
Plant Type:	Deciduous Shrub
Location:	Inlow Hall
Plant Height:	1'
Plant Spread:	2'-3'
Bloom Time:	March-April
Mulch Technique:	Uncovered

Care Narrative:

May be pruned to the ground after flowering in alternate years to revitalize;



Latin Name:	Narcissus 'Mt. Hood'
Common Name:	Mt. Hood Narcissus
Plant Type:	Bulb
Location:	Inlow Hall
Plant Height:	1'-3'
Plant Spread:	1'
Bloom Time:	March-April
Mulch Technique:	Uncovered

Care Narrative:

Top portion of each flower stem can be removed to prevent seed formation; foliage should not be cut until it begins to yellow; bulbs can be left undisturbed for a number of years - if bloom quality and quantity decline over time, clumps can be divided by digging just after the foliage dies back



Latin Name:	Narcissus 'Magnet'
Common Name:	Magnet Narcissus
Plant Type:	Bulb
Location:	Inlow Hall
Plant Height:	1'-2'
Plant Spread:	1'
Bloom Time:	March-April
Mulch Technique:	Uncovered

Care Narrative:

Yellow bloom, top portion of flower stem may be removed to prevent seed formation, however foliage should not be cut back until it begins to yellow; clumps can be divided after foliage begins to die back if the bloom quality and quantity begins to decline



Latin Name:	Narcissus 'White Lion'
Common Name:	White Lion Narcissus
Plant Type:	Bulb
Location:	Inlow Hall
Plant Height:	1'
Plant Spread:	1'
Bloom Time:	April
Mulch Technique:	Uncovered

Care Narrative:

White and yellow double bloom; top portions of flower stem can be removed after bloom to prevent spread; do not cut back foliage until it begins to yellow; bulbs can be left undisturbed for multiple years



Latin Name:	Spiraea japonica 'Shirobana'
Common Name:	Japanese Meadowsweet
Plant Type:	Shrub
Location:	Inlow Hall
Plant Height:	2'-3'
Plant Spread:	2'-3'
Bloom Time:	Summer
Mulch Technique:	Uncovered

Care Narrative:

Remove spent flowers to promote continuous bloom; prune up to 1/3 in summer after flowering



Latin Name:	Taxus x media 'Everlow'
Common Name:	Everlow Yew
Plant Type:	Evergreen
Location:	Inlow Hall
Plant Height:	1'
Plant Spread:	4'
Bloom Time:	Non-flowering
Mulch Technique:	Uncovered

Care Narrative:	Pruning is best done in early spring before new growth appears
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Latin Name:	Taxus x media 'Wardii'
Common Name:	Ward's Yew
Plant Type:	Needled evergreen
Location:	Inlow Hall
Plant Height:	3'-6'
Plant Spread:	8'-20'
Bloom Time:	Non-flowering
Mulch Technique:	Uncovered

Care Narrative:	Pruning best done in early spring before new growth
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Lockefield Green



Latin Name:	Clethra alnifolia 'hummingbird'
Common Name:	Hummingbird Summersweet
Plant Type:	Deciduous Shrub
Location:	Lockefield Green
Plant Height:	2'-4'
Plant Spread:	3'-5'
Bloom Time:	July-August
Mulch Technique:	Uncovered

Care Narrative:

Soil should not be allowed to dry out; promptly remove root suckers unless naturalized look is desired; propagate by cuttings; prune if needed in late winter



Latin Name:	Mahonia aquifolium 'Compacta'
Common Name:	Compact Oregon Grape Holly
Plant Type:	Broadleaf
Location:	Lockefield Green
Plant Height:	2'-3'
Plant Spread:	5'
Bloom Time:	Summer
Mulch Technique:	Uncovered

Care Narrative:

Blooms spike-like clusters of yellow flowers followed by blue fruit



Latin Name:	Liriope muscaria 'Big Blue'
Common Name:	Big Blue Lilyturf
Plant Type:	Herbaceous Perennial
Location:	Lockefield Green
Plant Height:	1'-2'
Plant Spread:	1'-2'
Bloom Time:	August-September
Mulch Technique:	Uncovered

Care Narrative:

Erect, showy flower spikes with tiered whorls of dense, violet purple flowers rise above the leaves in late summer. Features lavender flowers. Leaf rot and crown rot may occur



Latin Name:	Carex granularis
Common Name:	Meadow Sedge
Plant Type:	Sedge
Location:	Lockefield Green
Plant Height:	.5'-2'
Plant Spread:	1'
Bloom Time:	May-July
Mulch Technique:	Uncovered

Care Narrative:

Remove spent flowers to encourage re-bloom; crowns need winter protection; remove and destroy diseased leaves; prune as needed in late winter to early spring



Latin Name:	Carex annectans xanthocarpa
Common Name:	Yellow Fox Sedge
Plant Type:	Herbaceous Perennial
Location:	Lockefield Green
Plant Height:	1'-3'
Plant Spread:	2'
Bloom Time:	July-August
Mulch Technique:	Uncovered

Care Narrative:	Trim back as needed; remove spent flowers
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Latin Name:	Aster ericoides
Common Name:	Heather Aster
Plant Type:	Herbaceous Perennial
Location:	Lockefield Green
Plant Height:	1'-3'
Plant Spread:	1'
Bloom Time:	August-October
Mulch Technique:	Uncovered

Care Narrative:	Bloom is white with yellow centers; remove spent flowers; trim back to shape or stake
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Latin Name:	Carex bromoides
Common Name:	Brome Hummcock Sedge
Plant Type:	Sedge.
Location:	Lockefield Green
Plant Height:	1'
Plant Spread:	1'-2'
Bloom Time:	May-July
Mulch Technique:	Uncovered

Care Narrative:

Bright green, narrow, linear leaves reach 9" long and only 1/10" wide; does not spread by runners but rather forms single clumps that expand slowly in size



Latin Name:	Gentiana andrewsii
Common Name:	Bottle Gentian
Plant Type:	Herbaceous Perennial
Location:	Lockefield Green
Plant Height:	1'-2'
Plant Spread:	1'
Bloom Time:	October
Mulch Technique:	Uncovered

Care Narrative:

If left undisturbed it will naturalize into large clumps; flowers never open



Latin Name:	Penstemon calyosus
Common Name:	Smooth Penstemon
Plant Type:	Herbaceous Perennial
Location:	Lockefield Green
Plant Height:	1'-3'
Plant Spread:	2'
Bloom Time:	Early summer-late spring
Mulch Technique:	Uncovered

Care Narrative:	Remove spent flowers; trim back to shape
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Latin Name:	Iris virginica var shrevei
Common Name:	Blue Flag
Plant Type:	Herbaceous perennial
Location:	Lockefield Green
Plant Height:	2'
Plant Spread:	2'
Bloom Time:	June
Mulch Technique:	Uncovered

Care Narrative:	Remove spent flowers to encourage re-bloom; crowns need winter protection; remove and destroy diseased leaves; prune as needed in late winter to early spring
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Latin Name:	Penstemon digitalis
Common Name:	Foxglove Beardtongue
Plant Type:	Herbaceous Perennial
Location:	Lockefield Green
Plant Height:	3'-6'
Plant Spread:	2'
Bloom Time:	May-July
Mulch Technique:	Uncovered

Care Narrative:

Features white, two lipped, tubular flowers atop erect, rigid stems; can spread somewhat aggressively



Latin Name:	Pyenanthemum tenuifolium
Common Name:	Slender Mountain Mint
Plant Type:	Herbaceous Perennial
Location:	Lockefield Green
Plant Height:	2'-3'
Plant Spread:	2'
Bloom Time:	July-September
Mulch Technique:	Uncovered

Care Narrative:

Features narrow, needle like leaves and produces clusters of small, white flowers which bloom in late summer; no serious disease or insect problems; can be an aggressive grower



Latin Name:	Rudbeckia Fulgida var. speciosa
Common Name:	Showy Black Eyed Susan
Plant Type:	Herbaceous Perennial
Location:	Lockefield Green
Plant Height:	2'-3'
Plant Spread:	1'-2'
Bloom Time:	Late summer
Mulch Technique:	Uncovered

Care Narrative:	Removal of flower spikes after bloom will improve appearance of foliage mound
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Latin Name:	Calamagrostis Acutiflora
Common Name:	Karl Forester
Plant Type:	Ornamental Grass
Location:	Lockefield Green
Plant Height:	3'-5'
Plant Spread:	1'-3'
Bloom Time:	May - February
Mulch Technique:	Uncovered

Care Narrative:	Cut clumps to the ground in late winter just before the new spring shoots appear.
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Latin Name:	Sporoborus Heterolepis
Common Name:	Prarie Dropseed
Plant Type:	Ornamental Grass
Location:	Lockefield Green
Plant Height:	2'-3'
Plant Spread:	2'-3'
Bloom Time:	August - October
Mulch Technique:	Uncovered

Care Narrative:

Removal of flower spikes after bloom will improve appearance of foliage mound



Latin Name:	Deschampsia caespitosa
Common Name:	Tufted Hair Grass
Plant Type:	Ornamental Grass
Location:	Lockefield Green
Plant Height:	2'-3'
Plant Spread:	1'-2'
Bloom Time:	July-September
Mulch Technique:	Uncovered

Care Narrative:

Tones of gold, silver, purple, and green; flowering stems may be removed in fall to tidy plants or left for winter interest; may self-seed in optimum growing conditions; typically forms a low, dense tussock of very thin arching green blades



SELB



Latin Name:	Arronia Arbutifolia 'Morton'
Common Name:	Irroquois Beauty Chokeberry
Plant Type:	Deciduous Shrub
Location:	SELB
Plant Height:	3'
Plant Spread:	4'
Bloom Time:	May
Mulch Technique:	Uncovered

Care Narrative:

Remove root suckers to prevent colonial spread; noted for it's 5-6 white flowered clusters



Latin Name:	Viburnum Dentatum 'Synnstedt'
Common Name:	Chicago Lustre Viburnum
Plant Type:	Herbaceous perennial
Location:	SELB
Plant Height:	1'
Plant Spread:	1'
Bloom Time:	May-June
Mulch Technique:	Uncovered

Care Narrative:

White bloom; remove spent flowers and trim back as seen fit



Latin Name:	Carex annectans xanthocarpa
Common Name:	Yellow Fox Sedge
Plant Type:	Herbaceous Perennial
Location:	SELB
Plant Height:	1'-3'
Plant Spread:	2'
Bloom Time:	July-August
Mulch Technique:	Uncovered

Care Narrative:

Trim back as needed; remove spent flowers



Latin Name:	Carex Frankii
Common Name:	Frank's Sedge
Plant Type:	Sedge
Location:	SELB
Plant Height:	2'
Plant Spread:	2'
Bloom Time:	May-September
Mulch Technique:	Crowns need winter protection

Care Narrative:

Remove spent flowers to encourage re-bloom; remove and destroy diseased leaves; prune as needed in late winter to early spring