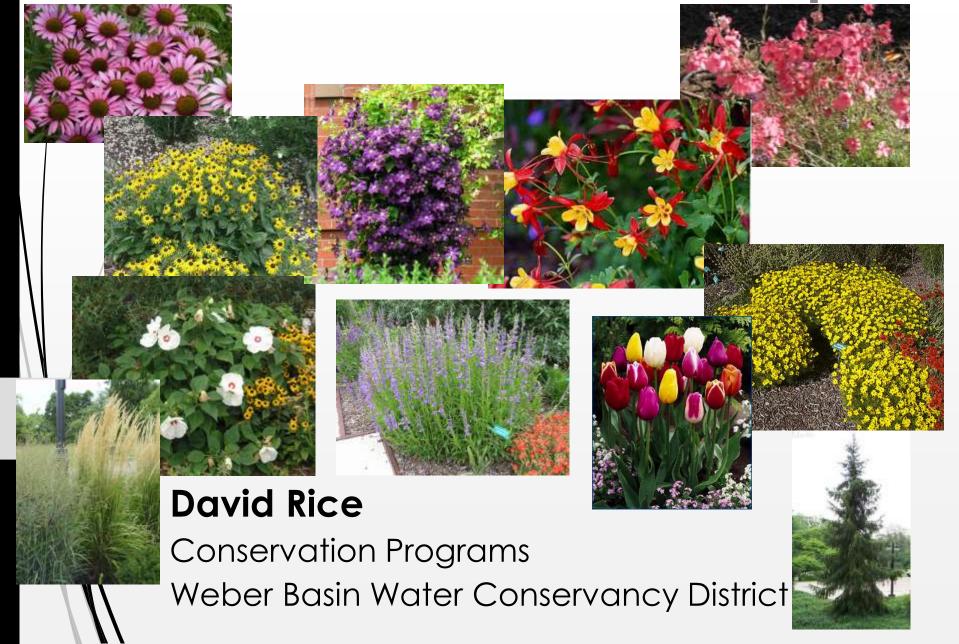
Perennials In Your Landscape

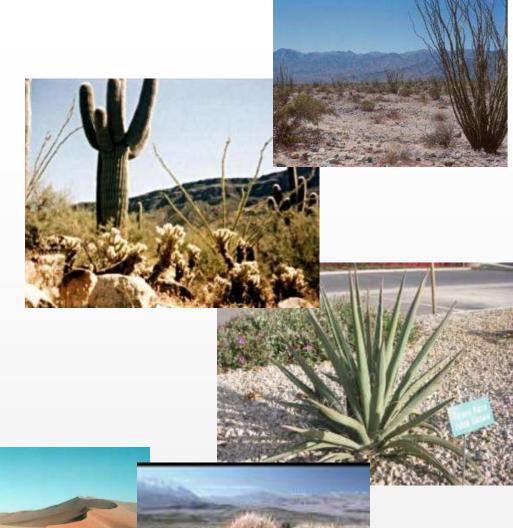




Misconceptions

Low-water-use doesn't mean sand dunes, dried up sage brush, an old wagon wheel with a cow skull, or a typical desert scene (although some really like that look and it can be done attractively).

Xeriscape is not "Zero Scape". Water-wise and xeriscape are used synonymously, but they don't imply that it can't be lush and green.

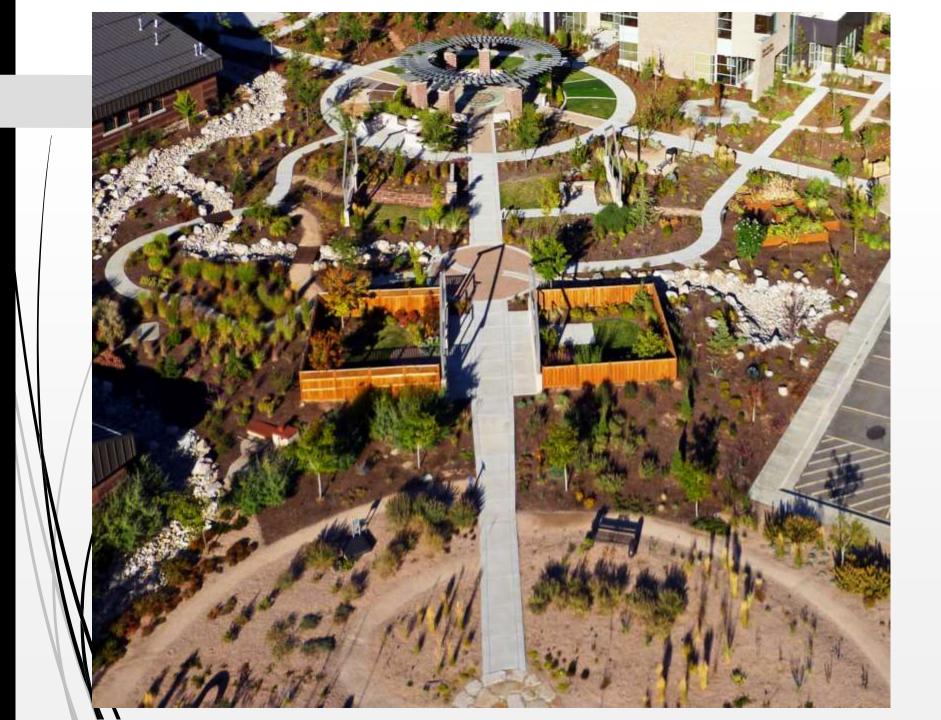






WEBER
BASIN
WATER
CONSERVANCY

DISTRICT



Garden Changes 2020



7 Principles of Water-Wise or Water Efficient Landscaping

- Planning and design
- Know your soil type
- Proper plant selection
 - (right plant in the right place)
- Efficient irrigation practices
- Create <u>practical</u> turf areas
- Use of mulches / hard-scape
- Regular maintenance









PERENNIALS ANNUALS

Come back year after year.

Typically die back in the fall/winter.

Come in a variety of colors and textures

Typically use much less water than annuals and lawn Do NOT come back year to year

Most will die back once fall comes. Some annuals are more cold hardy. EX: Pansies and Ornamental cabbage

Typically need watering at least every other day in the ground

Do very well in containers

BIEANNUALS

Flower every other year

Die back for fall/winter

Will return in spring with either only foliage or foliage and flowers

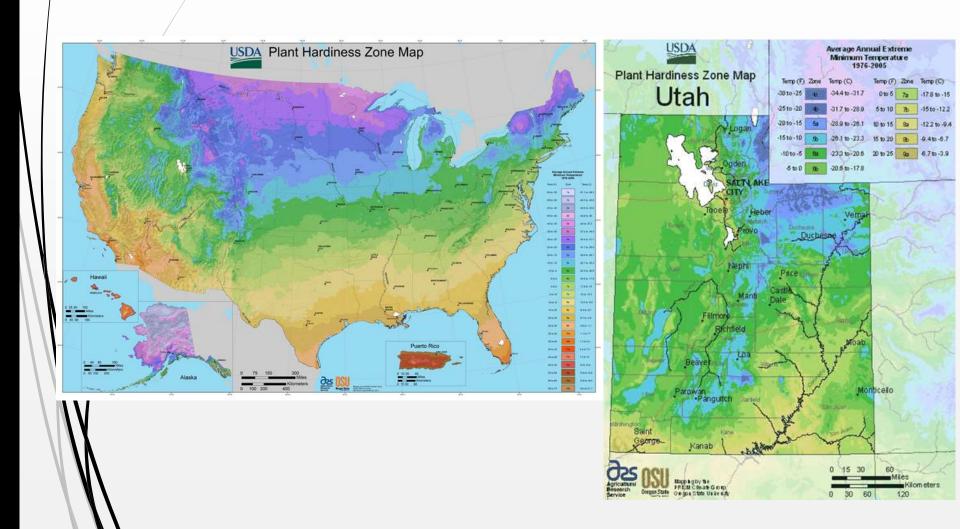
Principles that work!

- Choose the right plants.
- Put them in the right place.
- Water them properly.
- Our biggest challenge and problem is in our own behavior. We kill more plants and invite in more pests and problems than would occur naturally due to our own behavior associated with water and poor care practices.

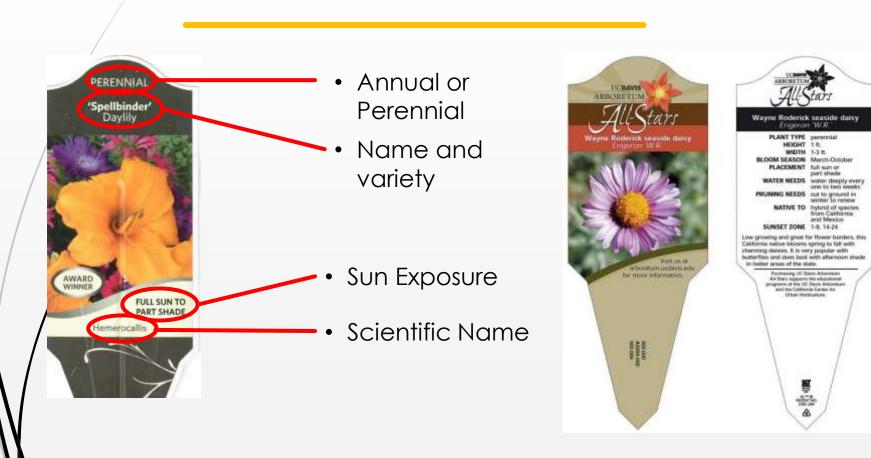
Things to think about with Perennials

- Choose varieties that bloom at different times
- Make sure to consider water needs and group plants with similar needs together
- Go with interesting foliage for color all year
- Don't use straight lines when planting
- Plant in odd numbers
- Have focal points- these can change through the season
- Plan for full sized plants when you design and when you plant

Consider Your Hardiness Zone



Reading a tag



Reading a Tag

Hemerocallis 'Spellbinder'

Height:	34 (85cm)
Space:	18-24" (45-6-0cm)

Light: Full Sun to Part Shade

Zone: 3-

Malabir

Care:

Blooms: Midsummer, Rebloomer

Features:

This is one of the first daylilles to bloom and then it reblooms throughout most of the summer.

Large, glowing golden orange flowers are produced atop tall, strong scapes. Pest resistant and very easy to grow.

Award winner.

One of the easiest perennials to grow. Easily adapts to grow in almost any soil and moisture level. Blooms best in full sun but grows in part shade.

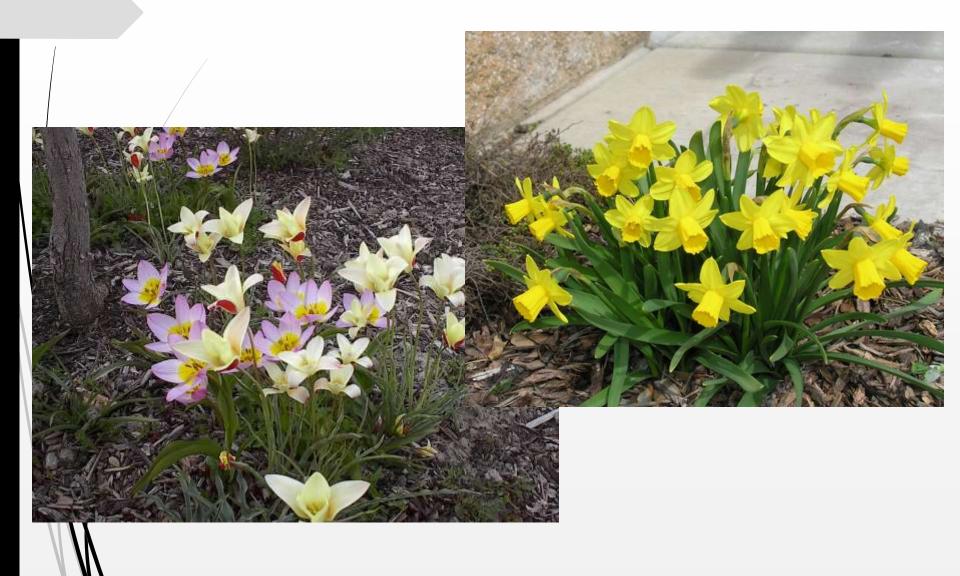
Pair with: Tall Garden Phlox, Shasta Daisy, Butterfly Weed, Bellflower, Hardy Geranium

For more information: www.PerennialResource.com

> Phis preparation will extend proper grands a grant office process

- Height and Spacing
- Sun Exposure
- Zone
- Bloom Time
- Features
- Care requirements
- Pairing Ideas

Bulbs











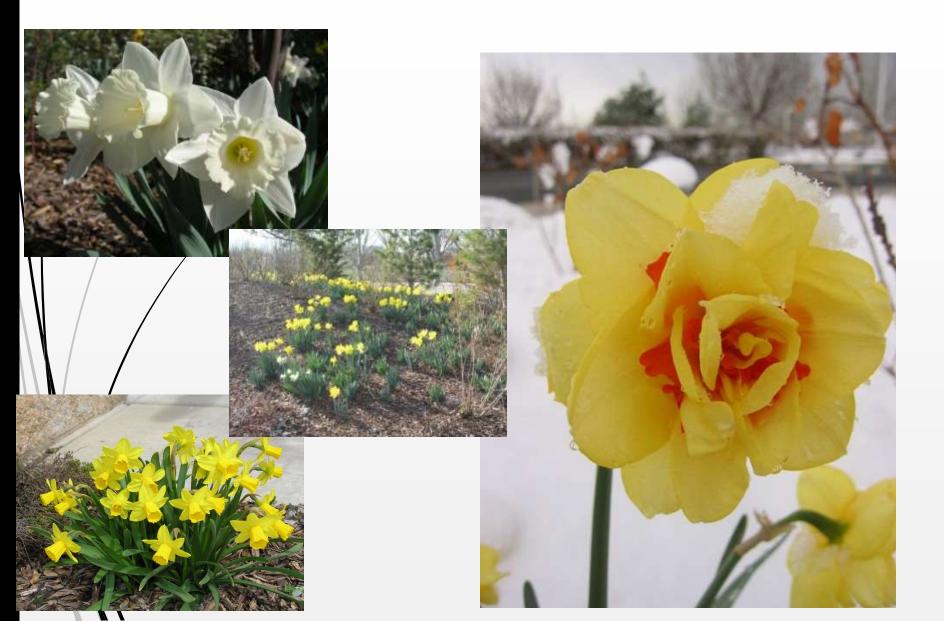
Don't underestimate the use of Bulbs. They make a great addition to any landscape and are the first Plants to provide color in spring

Tulips (Tulipa spp.)





Daffodils (Narcissus spp.)

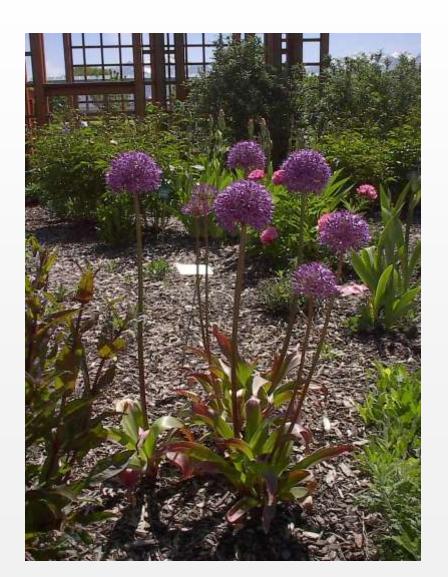


Crocus (Crocus spp.)



Ornamental Onions (Allium spp.)





Mini Iris



Wind Flower



Snow Drops



Hyacinth



Pasque Flower

Pulsatilla vulgaris



- -Very early bloom
- -Best in full sun to part shade.
- -Grows less than12 inches tall and wide
- -Comes up early with the bulbs.
- -Zone 4-8

Basket of Gold

Penstemon eatonii



- spring to early summer
- -Beautiful yellow gold
- -1 ft tall to 3 ft wide spreading
- -best in full sun
- -Good rock garden plant
- -foliage can burn a bit in hot summer sun
- -good border planting
- -Zones 4-9

Shasta Daisy Leucanthemum superbum



- -Blooms June –July
- -1 to 3 ft tall
- -Prefers full sun to part shade and fertile soils.
- -Once a week watering.
- -Dead head spent flowers and cut back in fall.

Red Hot Poker

Kniphofida 'Early Hybrid'



- -Yellow to red in color
- -3 to 4 ft. tall
- -Summer bloomer
- -Drought and heat tolerant
- -Many varieties available
- -Once a week to 2 week watering.
- -Dead head spent flowers
- -One time fall or spring cut back to ground.
- -Zones 5-8

Rock Cress Aubrieta sp.



- Early Spring Bloomer
- 12 inches tall, spreading, drooping.
- various color choices
- Full sun to part shade
- -Good plant for rock walls or foundation planting.
- -Zones 4-9

Sun Rose

Helianthemum var.



- -Shrubby perennial/ evergreen shrub
- -Blooms in a Late Spring
- -Many colors and varieties
- -12 inches tall 24 in. wide
- -Zone 4-9

Sun RoseHelianthemum spp.





Yellow Corydalis or Yellow Bleeding Heart

Corydalis sp.



Plant Features:

-Full sun to part shade
-Prefers moist, but well drained soil
-Generally evergreen flowering in spring and summer, goes dormant in the summer heat.
-Zone 5-7

Candytuft

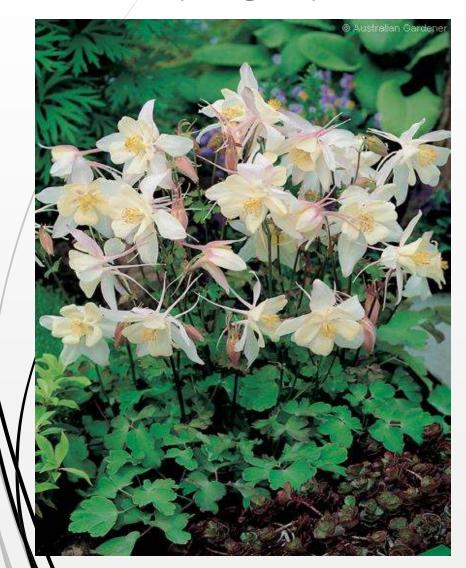
Iberis sempervirens

-Zone 4-9

- -Half-shrubby, dwarf, spreading, semi-evergreen,
- -April to May its neat tufts of dark green change into masses of snowy white.
- -Nice border plant or rock garden plant.

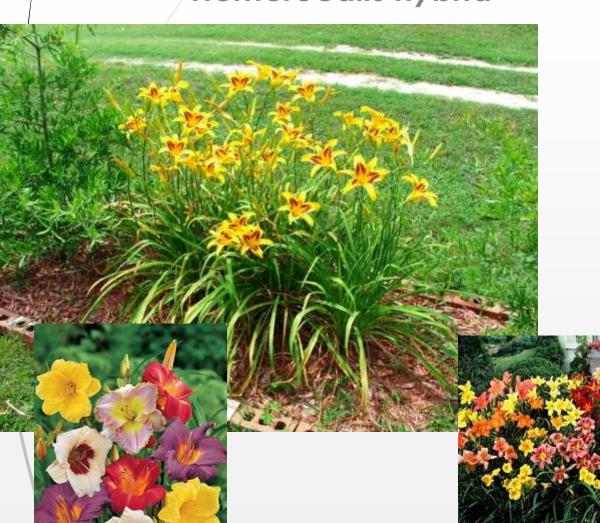
Columbine

Aquilegia sp.



- Spring Bloomer
- 18 inches tall
- Nice foliage
- Variable color options
- Prefers a bit more water and will thrive in shaded areas (will tolerate full sun).

Daylily Hemerocalis hybrid



- -Spring Bloomer
- Very traditional
- 18- 24 inches tall
- grass like foliage
- Variable color options
- Full sun to part shade
- -Zones 4-8

Spotted Dead Nettle

Lamium maculatum

- -Fast growing, used as a ground cover.
- -Flowers in spring
- -Nice foliage color and texture
- -Partial shade, to full shade
- -Many varieties
- -Prefers moist, but well drained soil
- -Zones 4-8

Firecracker Penstemon

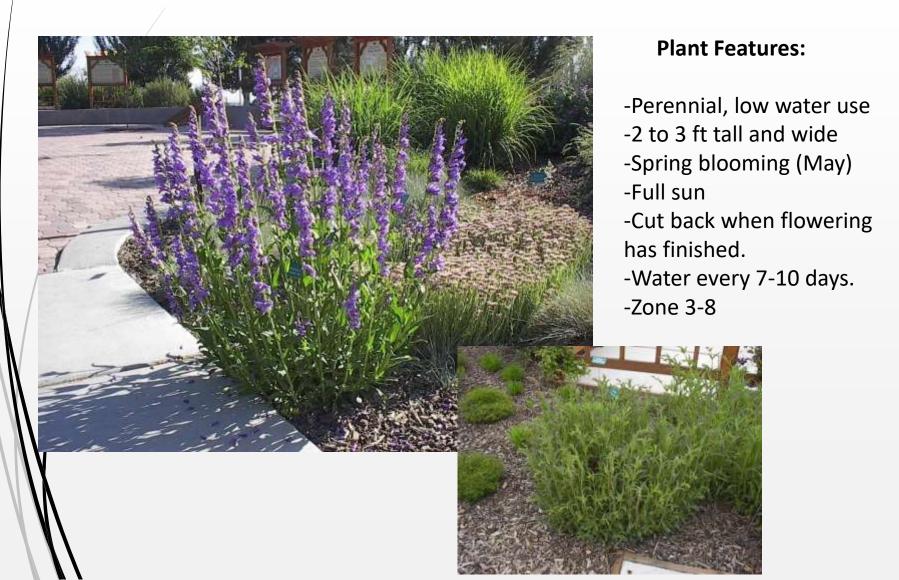
Penstemon eatonii



- -Early spring bloom
- -Beautiful red
- -1 to 3 ft tall and wide
- -Prefers poor nutrient soils, will rot with organic mulches.
- -No water once established
- -Dead head spent flowers for nice folaige through summer.
- -Zones 4-9

Rocky Mountain Penstemon

Penstemon strictus



Gooseberry Globemallow

Sphaeralcea grossulariafolia



- -Grows 4 in. to 3 ft. tall.
- -Silvery green foliage.
- -Blooms late spring to summer.
- -Full sun.
- -One of few native orange flowering species.
- -No water if established
- -No real maintenance
- -Zones 4-8

Palmer's Penstemon

Penstemon palmeri



- -Perennial 4-5 ft tall
- -White to pink flower
- -Blooms spring and early summer
- -Very fragrant, bee attractor
- -Semi evergreen
- -Prefers sandy soil
- -Will grow in clay with no additional water
- -Cut spent blooms for attractive summer foliage
- -Zones 3-10

Pikes Peak Purple Penstemon

Penstomen x mexicali 'Pikes Peak Purple'



Plant Features:

- -Spring bloomer.
- -Nice green foliage
- -Semi evergreen, care needed when cutting back.
- -Full sun to part shade.
- -goes great with yellow
- -Zones 4-8

Elfin Pink Penstemon plant looks similar with pink flowers

PeonyPaeonia sp.









- -Spring bloomer- May
- -Nice green foliage
- -Large flowers sometimes need a support because flowers can get so large
- Height 2 ft
- Spread 2 ft
- Prefer Full Sun
- Medium water
- Zone 4-8

Coral Bells

Heuchera



- -Grown for foliage color, but will flower.
- -6-16" tall by 12-24 wide
- -color all year
- -Sun to shade
- -Moderate to low water in shade
- -Zones 4-9



Iris Iridaceae

- -Full color spectrum
- -Unique upright foliage texture
- -Dead head after blooms
- -divide plant every 3-5 years



Summer Bloomers

English Lavender

Lavandula angustifolia 'Hidcote'



- -Full Sun
- -Late spring-summer bloomer
- -Used as herb for oils, fragrance, kitchen, crafts, etc.
- -1 to 2 ft tall and wide
- -Dead head and cut back yearly for best look
- -Water once per week.
- -Zones 5-8

Husker's Red Penstemon

Penstemon digitalis 'Husker's Red'



- -Full sun, 3 to 4 ft tall.
- -Green and burgundy foliage.
- -Early to mid-summer bloomer.
- -Needs some additional water. Once weekly
- -Dead head for attractive summer foliage.
- -Zones 4-9

Berggarten Sage

Salvia officianalis 'Berggarten'





Shasta Daisy

Leucanthemum superbum



- -Blooms June –July
- -1 to 3 ft tall
- -Prefers full sun to part shade and fertile soils.
- -Once a week watering.
- -Dead head spent flowers and cut back in fall.
- -Zones 4-9

May Knight Sage

Salvia nemorosa 'May Knight'



- -Full sun to part shade
- -18-24 in tall and wide
- -Blooms mid summer
- -Continued bloom when cut back
- -Water every 7-10 days
- -Zone 5-9

Salvia species

Salvia nemorosa 'Var'





Ostfriesland

- -Full sun to part shade
- -18-24 in tall and wide
- -Blooms spring to summer
- -Continued bloom when cut back
- -Zone 5-9



Rose Queen

Red Hot Poker

Kniphofida 'Early Hybrid'



- -Yellow to red in color
- -3 to 4 ft. tall
- -Summer bloomer
- -Drought and heat tolerant
- -Many varieties available
- -Once a week to 2 week watering.
- -Dead head spent flowers
- -One time fall or spring cut back to ground.
- -Zones 5-8

Plumbago

Ceratosigma plumbaginoides



- -Dark green foliage, mounding and spreading as a boarder plant or tall ground cover.
- -Blooms summer
- -Full sun to part shade
- -Medium water and low maintenance
- -12 in. tall
- -Zones 5-9

Red Valarian or Jupiter's Beard

Centranthus ruber



- -Full sun to part shade
- -2 to 3 ft tall
- -Summer bloomer
- -Also a white variety
- Will tolerate lower water use but not in extended heat spells.
- -Zones 5-9

Gallery Lupine Hybrids

Lupinus species



- -Full sun to part shade
- -Prefers cooler climates
- -1 to 3 ft tall
- -Range of blue, red, pink, yellow, white blossoms.
- -Bloom early summer
- -once per week if in cooler zone and in part shade.
- -Zones 4-9

Coral Canyon Twinspur

Diascia integerrima



- -Summer blooming
- -Pink to purplish blooms
- -Blooms longer with a little extra water. Once per week watering

Rhondo Mix Penstemon

Penstemon barbatus var preacox 'Rhondo'



- -Full sun to part shade
- -18 in tall
- -Evergreen foliage
- -Spring to summer bloomer
- -Range from pink to purple color
- -Adaptable to soil types and water
- -Will self seed.
- -Zones 3-9

Chocolate Flower

Berlandiera lyrata



- -Chocolate scented
- -12 in. tall
- -very drought tolerant
- -Flowers all summer
- -Full sun to light shade
- -Low maintenance, clean up in spring
- -Requires no water once established.
- -Zone 5-9



Wild Thing Sage

Salvia greggi



- -Summer bloomer
- -Brilliant red to pink
- -Very drought tolerant once established.
- -Once per year cleanup
- -24-36 in. tall
- -Zones 5-10

Red Rocks Penstemon

Penstemon x mexicali 'Red Rocks'



Zagreb Coreopsis

Coreopsis verticulata 'Zagreb'



- -Full sun to part shade
- -18-24 in tall
- -Blooms mid-summer to frost.
- -Clean up once per year. Water every 7-14 days.
- -Zones 4-9

Flying Saucers Coreopsis

Coreopsis grandiflora 'Walcoreop'





Pineleaf Penstemon

Penstemon pinifolius sp.



- -Full sun
- -Mid summer bloomer
- -Yellow or red
- -12 to 15 in tall, 18 wide
- -No water once established
- -Once yearly cleanup
- -Zones 4-9

Bridge's Penstemon

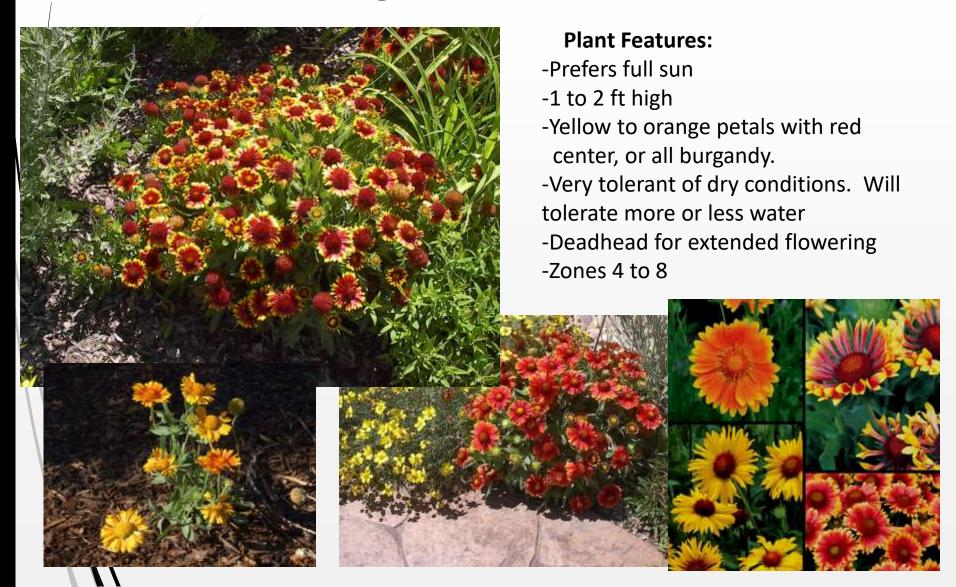
Penstemon rostriflorus



- -Full sun
- -2 to 3 ft tall and wide.
- -Mid-summer bloomer, blooms last a long time.
- -Very drought tolerant.
- -Moderate water while in bloom, none thereafter.
- -Yearly cut back for maintenance.
- -Zones 3-9

Blanket Flower

Gailardia x grandiflora



Rose Mallow or Hibiscus

Hibiscus x 'Var.'

- -24-36 in. wide and tall
- -Prefers full sun
- -Flowers summer
- -Dinner plate sized flowers
- -Zones 5-9



Purple Coneflower





A

W.





Green Santolina

Santolina virdis



- -Evergreen perennial
- -24-36 in. wide and tall
- -Prefers full sun
- -Flowers early summer with
- a yellow button type bloom
- -Drought and deer resistant
- -Water every 7-14 days.
- Dead head or cut back to
- keep in tight spherical form.
 Zones 5-11

Fall Bloomers

Raspberry Delight Salvia

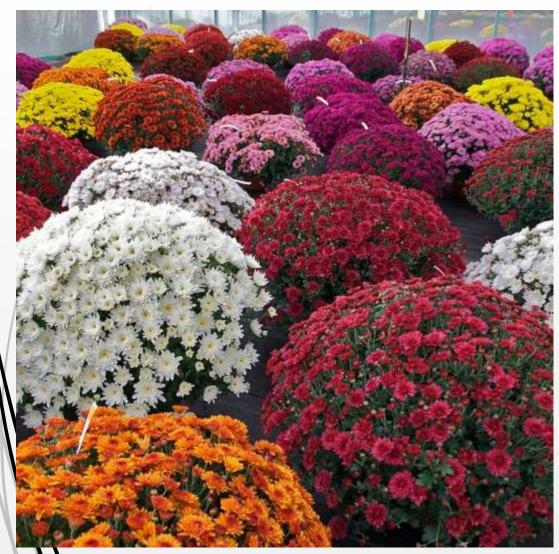
Salvia x 'Raspberry Delight'



- Summer to Fall bloomer
- -2-3 ft tall and wide
- -Nice dark green foliage
- -Cut back once per year during spring cleanup
- -Goes nice with black eyed susan and various ornamental grasses
- --Zones 5-9

Garden Mums

Chrysantumum



- -All color options
- -2 to 3 ft tall and wide
- -Blooms in the fall to frost.
- -Prefers full sun
- -Once per week water best with drip to avoid water being trapped in tight foliage
- -Best cleaned up in spring which allows plant to die back naturally in the fall
- -Zones 5-9 (most types)

Blue Fortune Hyssop

Agastache 'Blue Fortune'





Black Eyed Susan

Rudbeckia hirta

- -Good for borders, wildflower plantings, etc.
- -2 to 3 ft tall and wide
- -Blooms summer to frost.
- -Prefers full sun
- -Once per week water and maybe more in extreme heat (good indicator plant)
- -Zones 3-9

Butterfly Bush

Buddliea davidii



- -Perennial shrub to 10 ft
- -Prune to ground to keep from becoming rangy
- -Blooms mid summer to early fall
- -Bloom colors include: White, pink, purple, yellow, burgundy.
- -Water once weekly.
- -Pruning and dead head for most attractive look.
- -Zones 5-10

Missouri Evening Primrose

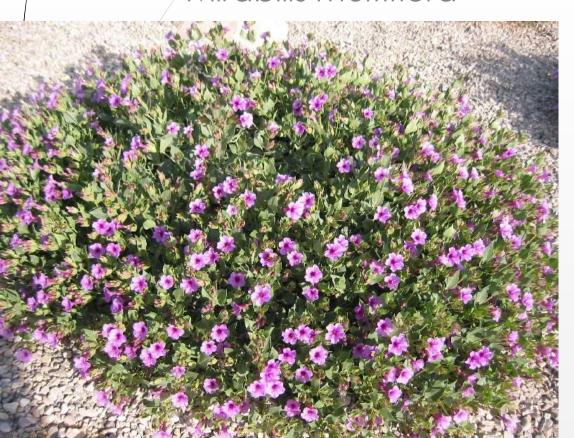
Oenothera macrocarpa





Desert Four O'clock

Mirabilis multiflora



Plant Features:

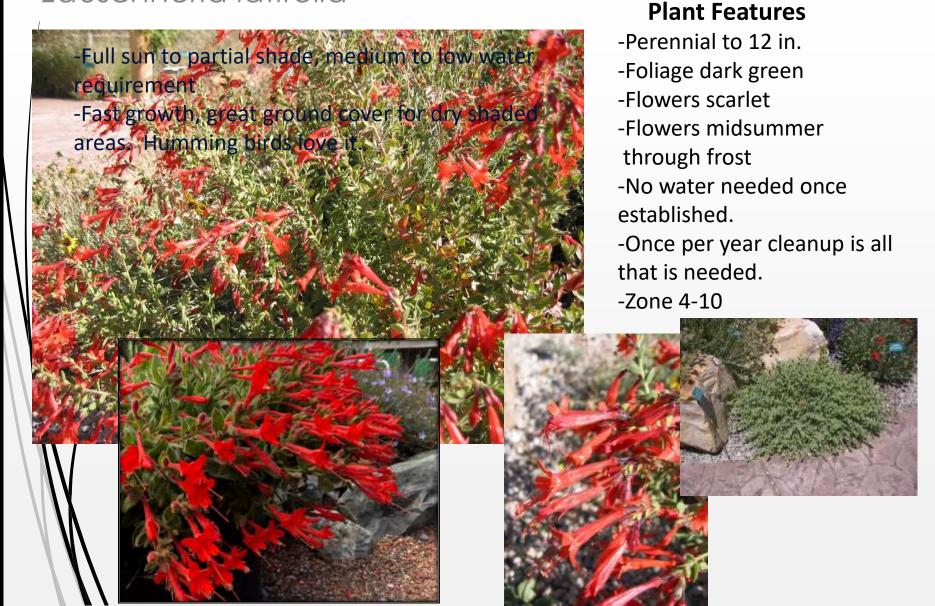
- -Perennial to 2' tall from a tuber
- -Comes from base in late spring
- -Lush, dark green leaves
- -Flowers midsummer to frost
- -Breaks off at base after frost for easy fall or spring clean up.
- -From 2300-7500 ft

-Full Sun, good drainage, low water requirement, no water once established

- -Fast growing, flowers first year from seed
- -Requires a lot of room (8 ft. wide)

Hummingbird Flower

Zauschneria latifolia



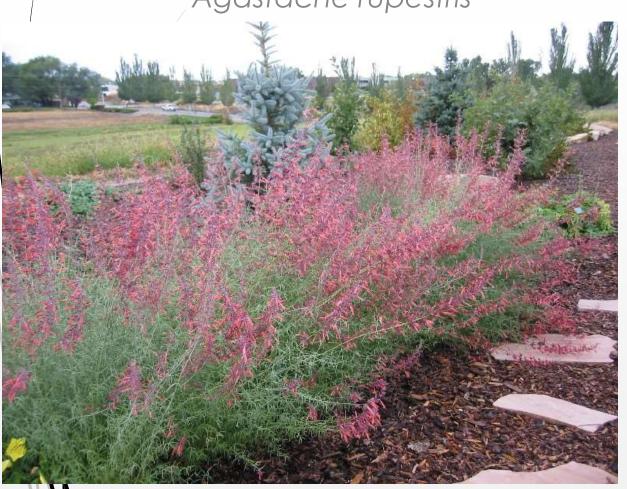
Purple Dome Aster

Aster novi-belgii 'Purple Dome'



Sunset Hyssop

Agastache rupestris



- -height 20-24 in.
- -width 18 in.
- -Blooms late summer through frost
- -Orange to pink blossoms
- -Very fragrant (root beer)
- -Full sun to part shade
- -Water every 7-14 days
- -Only maintenance is one time yearly cleanup.
- -Zones 4-10 up to 7000 ft.

Texas Hummingbird Mint

Agastache cana





Russian Sage

Perovskia atriplicifolia



- -Silvery gray foliage
- -3 to 4 ft. tall, 3 ft. wide
- -Prefers full sun
- -Tall loose panicles of lavender-blue, mid summer to fall.
- -Should be pruned back each year to the ground for best look.
- -Water every 7-14 days.
- -Zones 5-9

Blue Sage Salvia azurea



Blue Mist Spirea

Caryopteris clandonensis



- -Full sun
- -3 to 4 ft tall and wide
- -Late summer bloomer
- -Fragrant foliage
- -can be shrub-like if not cut back each year.
- -Water every 7-14 days
- -Zones 5-9

Santa Fe Sunflower

Helianthusus maximiliana 'Santa Fe'



Ground Covers



Mesa Verde Iceplant

Delosperma 'Kelaidis'



- -Low growing to 3 in.
- -Flowers spring to Fall
- -Very nice rock garden plant.
- -Dense mat forming
- -Zones 5-9

Creeping Thyme

Thymus species



Turkish Veronica

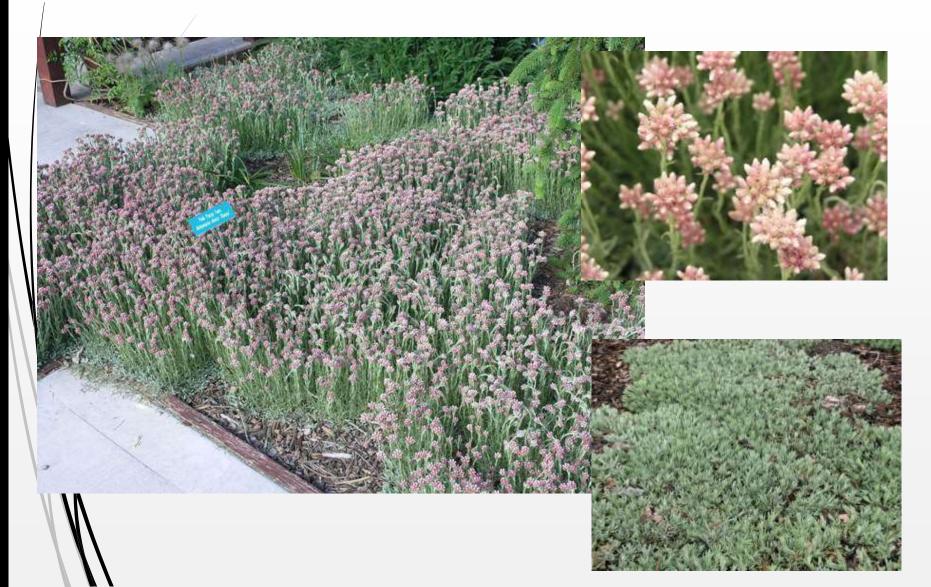
Veronica liwanensis



- -Low growing perennial
- -Blooms in spring
- -1 to 2 ft spread but slow growing
- -Tolerates light shade
- -Zones 4-9

Pink Pussytoes

Antennaria dioica 'Rosea'





Creeping Horehound

Marrubium



Snow in Summer

Cerastium tomentosum





Hardy Iceplant

Delosperma nubigenum

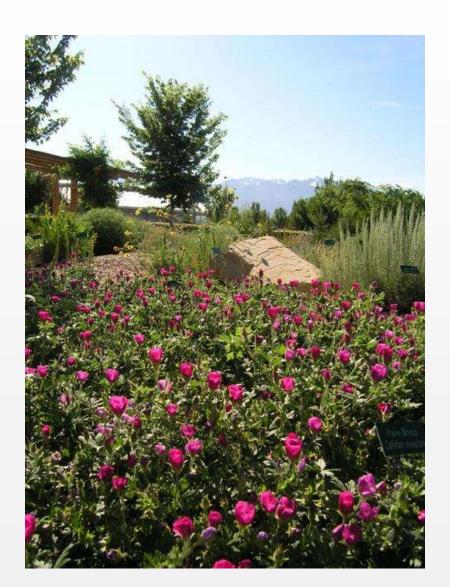


Prairie Winecups

Callirhoe involucrata







Creeping Oregon Grape

Mahonia repens



- -Full sun or shade
- -Yellow flower in spring
- -Broadleaf evergreen, turning burgundy in winter.
- -Great for taller ground cover (can get up to 2 ft tall)
- -Very little maintenance
- -Water once per 10-14 days
- -Zones 4-10

Colorful Perennials

Spring Blooming Perennials

D .		/ P			١.
Pin	K/	, ,	\sim	\sim	•
гии	PK /	-	_	u	ь.
			•		

Cardonna Sage (S/M)

Phlox (S-low growing)

Bleeding Heart (M-shade)

Foxglove (M)

Iris (M/L)

Rondo Mix Penstemon (S/M)

Firecracker Penstemon (S/M)

Palmer Penstemon (L)

Coral Bells (S)

Catraint (M-blooms till frost)

Geum (S)

Yarrow (S/M)

Helebore (S-shade)

iolet (S)

Orange/Yellow:

Columbine (M)

Pineleaf Penstemon (S)

Hardy Broom (S-L)

Currant (S-M Shrub)

Witch-hazel (M-L Shrub)

Oregon Holly Grape (S)

Basket of Gold (S)

Foxglove (S/M)

Geum-(S)

Sedum (S)

Blue/Purple:

Salvia (M)

Blue Flax (S/M)

Wasatch Penstemon (S)

Iris/Variegated Iris (M-L)

Wisteria (L-Vine)

Brunnera (S)

Lilac (M-L Shrub)

Forget Me Not (S)

Turkish Veronica (Sgroundcover)

Vinca (S-groundcover)

Thyme(S)

White

Candytuft (S)

Coral Bells (S)

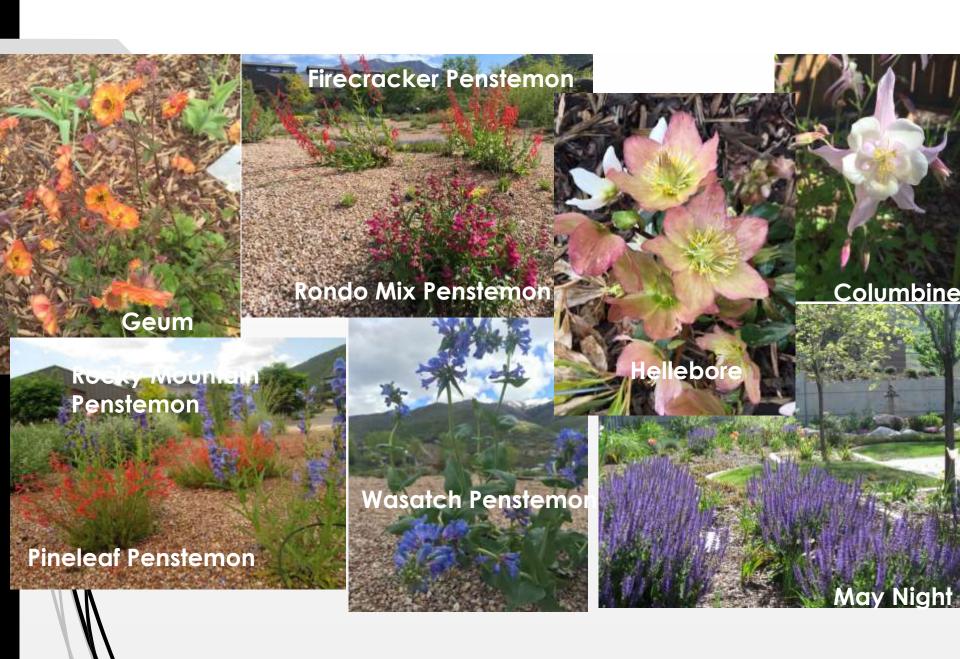
English Daisy (S)

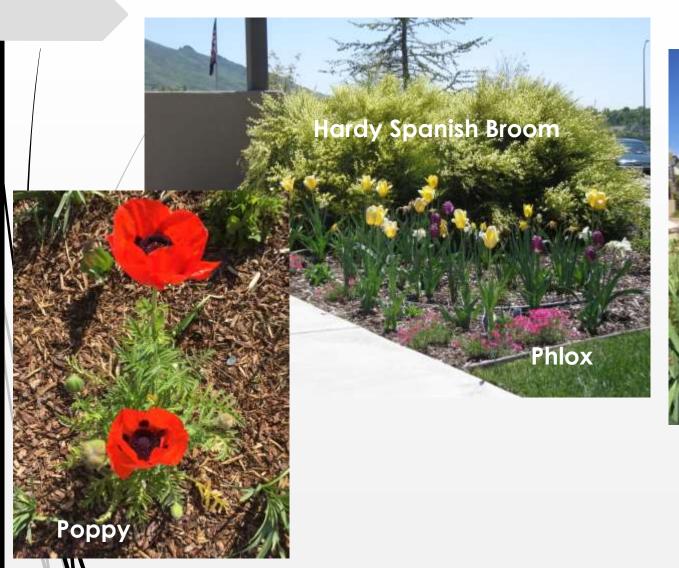
Avalanche Sun Daisy (S)

Helebore (S-shade)

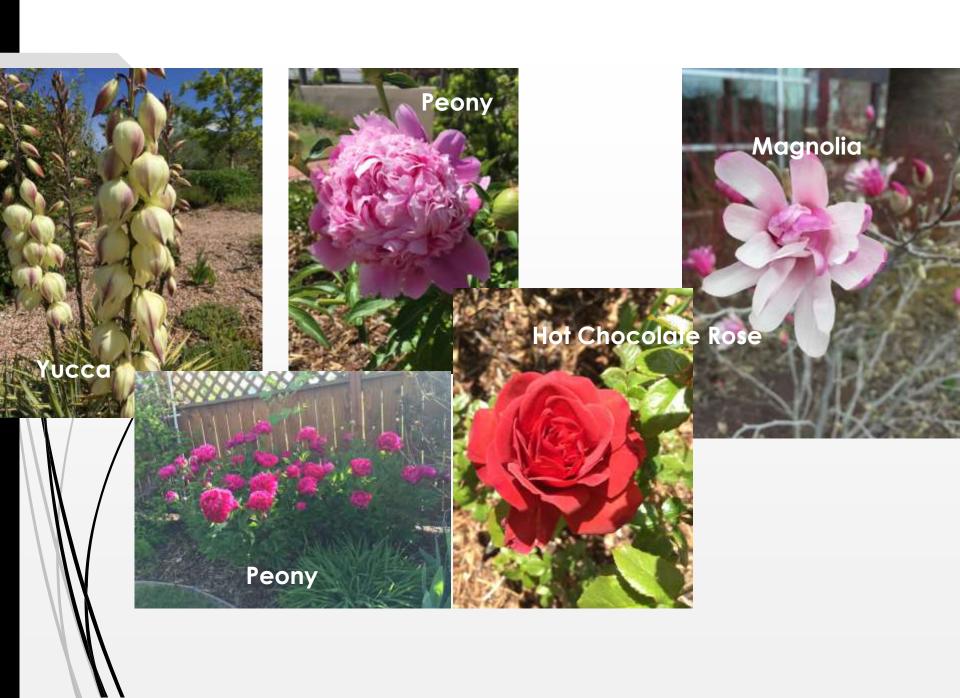
Sulfur Buckwheat (S)





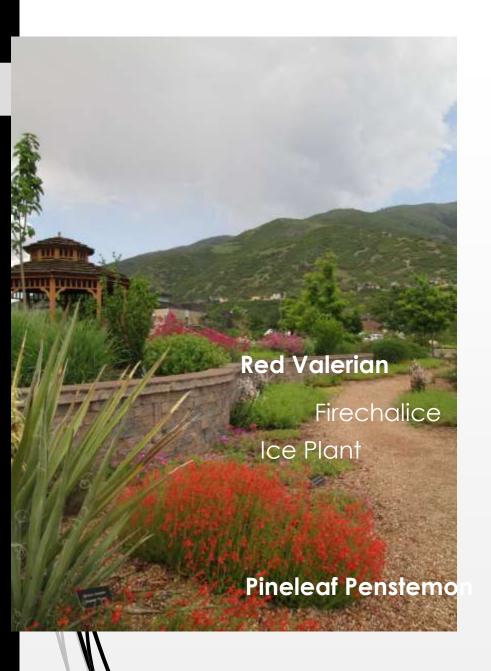














Summer Blooming Perennials:

- Pink/Red:
- Hibiscus (M-L)
- Poppy (M/L)
- Ice Plant (S)
- Dianthus (S)
- Cranesbill Geranium (S)
- Coral Canyon Twinspur (S)
- Weigela (S-M Shrub)
- Burgundy
 Blønketflower (M)
- Bee Balm (M)
- Fuldaglut Sedum (S)
- Hollyhock (L)

- Gaura (M/L)
- Peony (M-L)
- Red Rocks Penstemon (S)
- Red Yucca (M)
- Red Valerian (M)
- Spirea (S-M shrub)
- Rose of Sharon (M-L Shrub)

- Orange:
- Daylily 'Stella de' Oro (M)
- Asiatic Lily (M)
- Coneflower (M)
- Red Hot Poker (M-L)
- Poppy (M)
- Blanketflower (S/M)
- Sunset Hyssop (M)
- Ice Plant (S)
- Trumpet Vine (M- vine)
- Globeflower (S/M)
- Globemallow(S)
- Butterfly Weed (S-M)
- Desert Marigold (S)
- Treasure Flower (S)
- Ice Plant (S)
- Ozark Coneflower (M-L)

Yellow:

- Corydalis (S)
- Coreopsis (S-M)
- Daylily (M)
- Black Eyed Susan (M)
- Prairie Coneflower (M)
- Missouri Evening Primrose (S)
- Potentilla (S-M Shrub)
 - Columbine (S-M)
- Goldenrod (M)
- Yarrow (M)
- Chocolate Flower (S-M)
- Ice Plant (S)

Green/Gray/Blue Foliage:

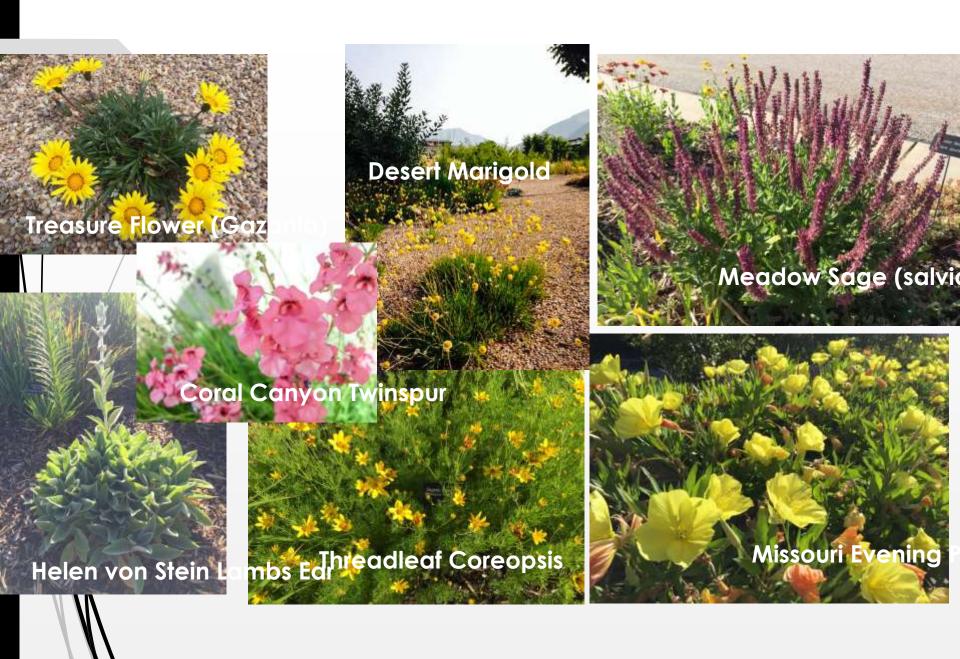
- Lambs Ear (S)
- Wooly Thyme (S-groundcover)
- Dwarf Mugo Pine (S)
- Fountain Grass (S-M)
- Blue Oat Grass (M)
- Blue Fescue (S)

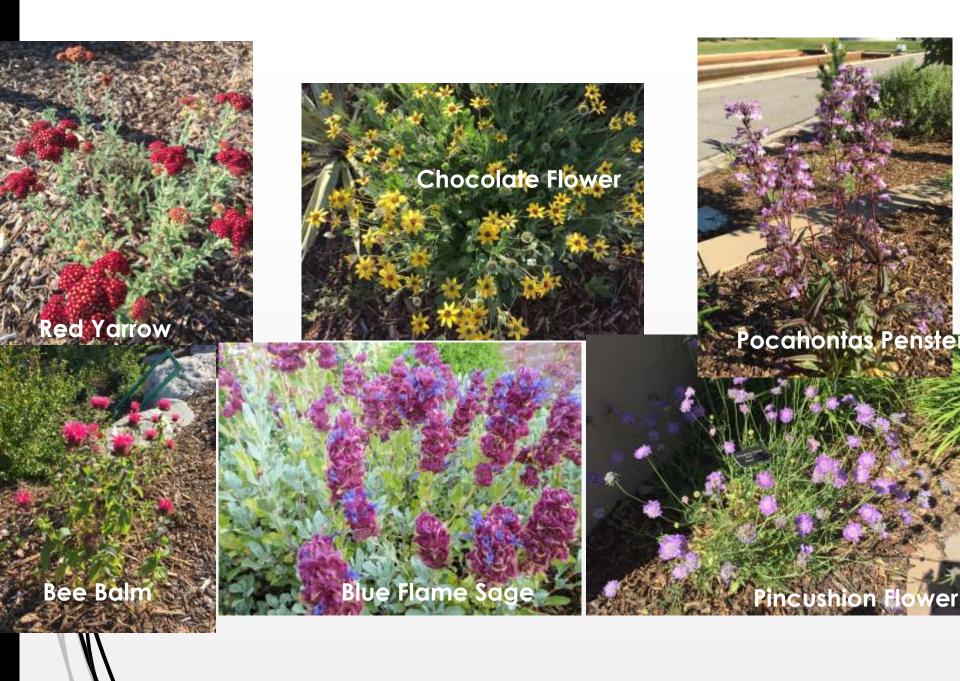
Blue/Purple:

- Russian Sage (L)
- Catmint (M)
- Desert 4 O'Clock (L-low growing)
- Delphinium (S)
- Blue Mist Spirea (S-shrub)
- Lavender (S-M)
- Scabiosa (S)
- Clematis (S-M vine)
- Butterfly Bush (M-L)
- Hosta (S-shade)
- Liatris (S-M)
- Plumbago (S)
- Coneflower (M)
- Veronica (S-M)
- Giant Flowered Purple Sage (M)
- Ornamental Oregano (S)

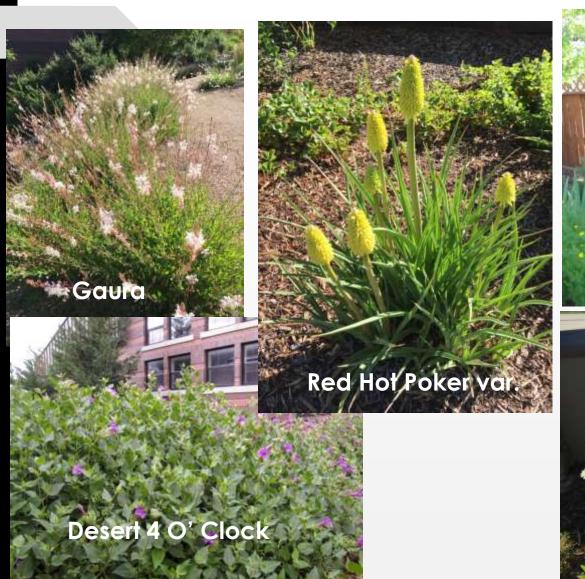
White:

- Peony (M-L)
- Shasta Daisy (L)
- Garua (M-L)
- White Salvia (S)
- White Valerian (M-L)
- Snow in Summer (S)
- Siberian Iris (S)
- Husker Red Penstemon (S-M)
- Mock Orange (M-shrub)
- Yucca (L)
- Coneflower (M)







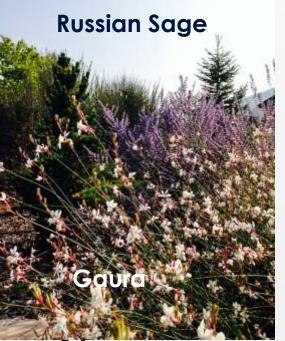
















Black Eyed Susan, Burgundy and Amber Wheels Blanketflower, Meadow Sage, Gaura, Fountain Grass



Black Eyed Susan, Blue Flame Sage, Feather Reed Grass, Lemon Queen Sunflower

Look for good Perennial Combos: Look around the neighborhood, Public Gardens nurseries, etc. to get ideas

Fall Blooming Perennials

Red/Pink

- Blanketflower (S-M)
- Aster (M)
- Mum (S-M)
- Autumn Joy Sedum (S-M)
- Anemone (M)

Orange

- Firechalice (S)
- Mum (S-M) this one comes in all colors

Yellow

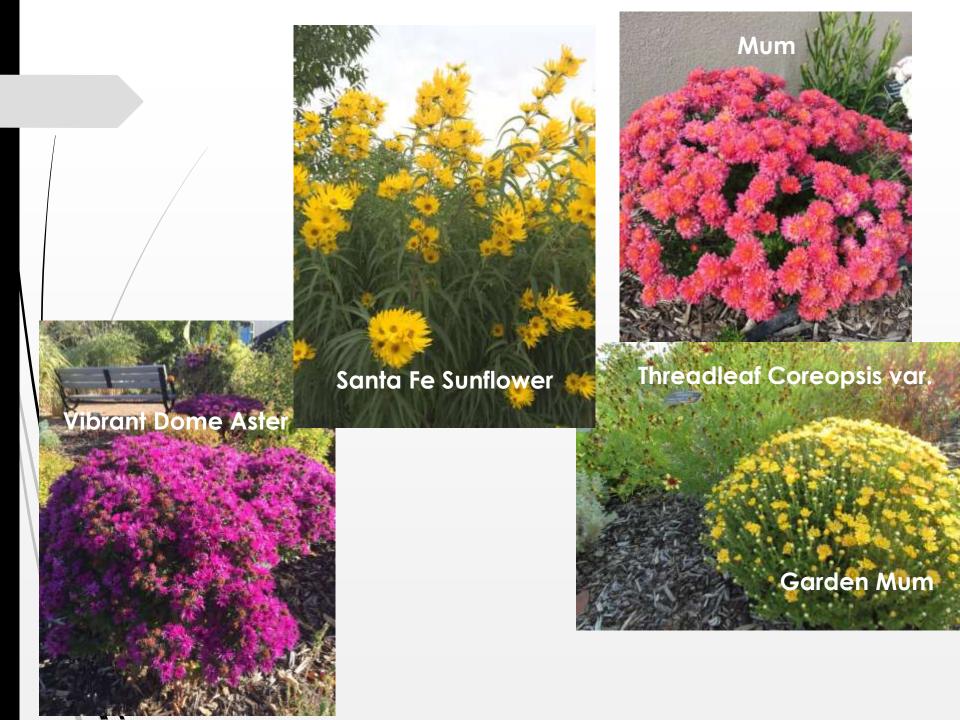
- Santa Fe Sunflower (XL)
- Black Eyed Susan (M)
- Mum (S-M)
 - Reblooming Iris (S)

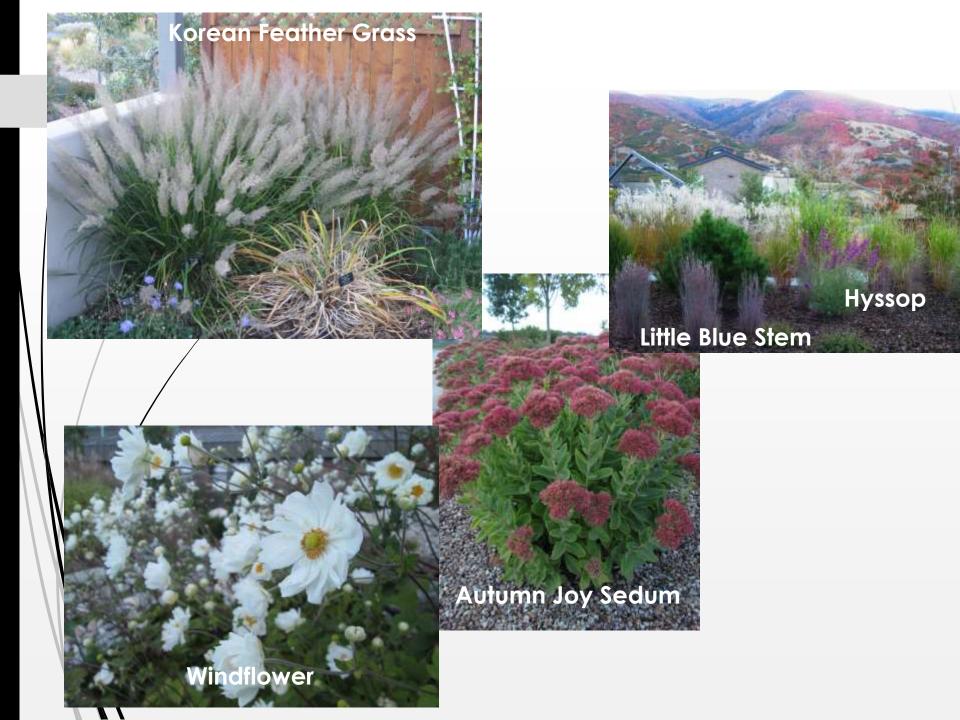
Blue/Purple:

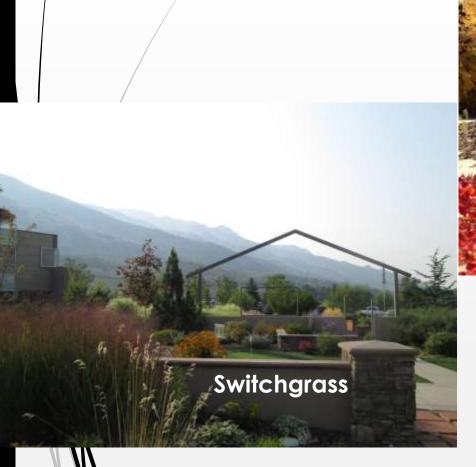
- Aster (M)
- Catmint (M)
- Mum (S-M)

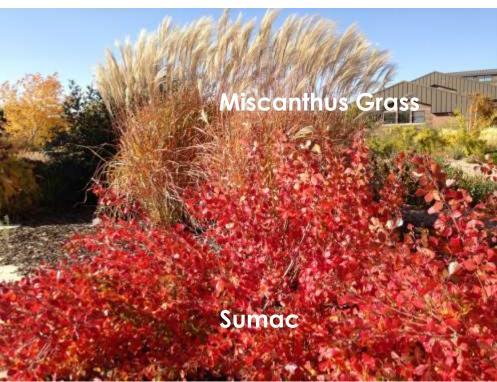
White

- White Re-blooming Iris (M/L)
- Anemone (M)
- *This is the most beautiful time for Ornamental Grasses in the landscape. They add a nice green in the spring, and fill in when smaller plants fade out. Many of them bloom in late summer and provide exquisite fall color!









Other Perennials

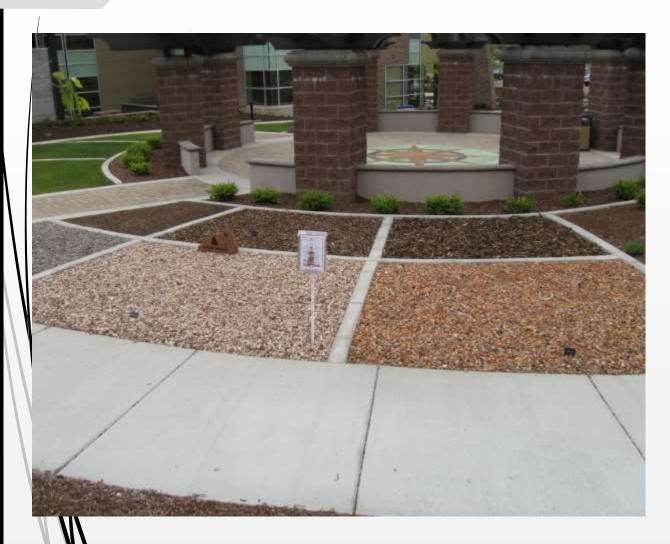
There are hundreds of perennials including Utah native plants that are beautiful and water-wise that thrive in our climate.

Visit <u>www.weberbasin.com</u> for a plant list of plants in the Learning Garden, or

<u>www.conservationgardenpark.org</u>, or

www.conservewater.utah.gov

Mulches



Benefits:

- -No water
- -Color and texture differences
- -Aesthetic appeal and variation
- -Many materials can be used:

Nut shells

Grass clippings

Rock

Bark

Grasses



Big Blue Stem

Andropogon gerardii



- -Primary grass in the tall grass prairies.
- -Blue green to silvery blue.
- -Foliage 4 to 7 ft.
- -Prefers full sun and well drained soils.
- -Zones 4 to 10.

Little Blue Stem

Andropogon scoparius



- -Green to purplish erect clumps.
- -1-4 ft tall
- -Hardy to -38°F. and very drought tolerant.
- -Nice reddish color in winter.

Ravenna Grass

Erianthus ravennae

- -Very large grass- 4-5 ft tall with seed heads reaching 8-12 ft.
- -Very attractive winter look.
- -Seed heads used in dried arrangements



Great Basin Wild Rye

Elymus cinereus

- -Native to great basin area.
- -3-6 ft tall.
- -Green to blue green foliage.
- -Prefers full sun, tolerates a wide range of conditions (soil, water, etc)

Heavy Metal Switch Grass

Panicum virgatum 'Heavy Metal'



Miscanthus Miscanthus sinensis Var.





Large to 6 ft tall. Many varieties with varied texture, color and habit.

