

Perennials



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Terms to Know

- 1. Perennial:** having a life cycle lasting more than 2 years.
- 2. Annual:** life cycle lasting only 1 growing season.
- 3. Biennial:** Completing its life cycle in 2 years, flowering and fruiting the second year.



Plant Tags



- Plant name
- Plant description
- Plant size at maturity
- Hardiness zone
- Sun requirements
- Water requirements
- Care instructions

Use the tags and trust what they say.

Groupings of Perennials

- Native:
- Full to Partial Shade:
- Full Sun:
- Any location/Condition:
- Low Water:
- High Water:



Generally, perennials fit low water landscapes because they need less water than lawn to be attractive and healthy. There are perennials that fit every site condition.

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 practical turf areas
- Use of mulches / hard-scape
- Regular maintenance



Principles that work!

- Know your site conditions.
- Choose the right plants for the conditions.
- Put them in the right place (sun, shade, etc).
- Group plants with similar needs together.
- Water them properly (and don't over water).



Bulbs



You put in the work to plant in the fall, you're rewarded with color in the spring

Tulips

(*Tulipa* spp.)



Daffodils

(*Narcissus* spp.)



Crocus

(*Crocus* spp.)



Ornamental Onions

(*Allium* spp.)



Mini Iris



Snow Drops



Hyacinth



Wind Flower



Spring Bloomers

Rock Daphne

Daphne cneorum 'Ruby Glow'



Plant Features:

(hard to find, many daphne are not being sold any longer)

- Blooms April to May
- Best in full sun.
- Grows 12 inches tall may spread to 3' wide.
- Often grown in rock gardens
- Cutting back will keep plant compact
- Does best in well drained soil.
- Zone 5-9

Pasque Flower

Pulsatilla vulgaris



Plant Features:

- Very early spring bloom
- Best in full sun to part shade.
- Grows about 12 inches tall and wide
- Comes up early with the spring bulbs.
- Purple and white varieties
- Zone 4-8

Basket of Gold

Aurinia saxatilis var.

Plant Features:

- 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



Red Hot Poker

Kniphofida 'Early Hybrid'



Plant Features:

- Yellow to red in color
- 3 to 4 ft. tall
- Late spring 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

Mat Daisy

Anacyclus pyrethrum (depressus) 'Spring Carpet'



Plant Features:

- Low mat of ferny green leaves
- Blooms late spring
- Drought and heat tolerant
- Once a week to 2 week watering.
- Full sun
- Good rock garden or border plant
- Zone 4

Amsomia (Blue Star)

Amsonia hubrichtii 'Blue Ice'



Plant Features:

- Bright Green, compact and slow spreading foliage
- Part Sun to Full Sun
- Can get over 1 foot tall and several feet wide
- Blooms late spring
- Turns yellow in fall
- Does well in dry open areas
- Moderate water
- Full sun
- Deer Resistant
- Zone 4

Rockcress

Aubrieta sp. and *Arabis var.*



Plant Features:

- 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 3-5



Sandwart

Arenaria montana var.



Plant Features:

- Narrow, glossy green leaves that form a mat
- Blooms mid spring
- Drought tolerant
- Great for borders or rock gardens
- Full sun to part shade
- Deer Resistant
- Zone 4



Sun Rose

Helianthemum var.



Plant Features:

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

Sun Rose

Helianthemum spp.



Yellow Corydalis or Yellow Bleeding Heart

Corydalis lutea



Plant Features:

- Woodland perennial
- Part shade to full shade
- Medium water use
- Blooms May-Sept.
- 12-18 in. tall and wide
- Needs good drainage, wet winters soils can kill this plant
- can self seed and spread
- Zone 5-7

Sage Wormwood or Mugwort

Artemisia var.



Plant Features:

- Foliage is aromatic and used for texture and color.
- Silvery foliage all season
- no significant blooms
- Drought tolerant
- Full sun
- Deer Resistant
- Zone 4



Coral Bells

Heuchera var.



Plant Features:

- Grown for foliage
- green to burgundy, silver, yellow, etc.
- does bloom, but not significant
- best in full shade or part shade
- Zone 4



Candytuft

Iberis sempervirens



Plant Features:

- Half-shrubby, dwarf, spreading, semi-evergreen,
- April to May its neat tufts of dark green change into masses of snowy white.
- Zone 4-9
- Nice border plant or rock garden plant.



Columbine

Aquilegia sp.



Plant Features:

- 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



Plant Features:

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



Pinks

Dianthus var.

Plant Features:

- Many varieties and color options
- evergreen plants, some with fragrant flowers
- Blooms late spring
- 8-12 in. tall 10-20 wide
- moderate to low water
- Full sun to part shade
- Deer resistant
- Zone 4



Spotted Dead Nettle

Lamium maculatum

Plant Features:

- 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

Plant Features:

- 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 foliage through summer.
- Zones 4-9



Rocky Mountain Penstemon

Penstemon strictus



Plant Features:

- Perennial, low water use
- 2 to 3 ft tall and wide
- Spring blooming (May)
- Full sun
- Cut back when flowering has finished.
- Water every 7-10 days.
- Zone 3-8



Gooseberry Globemallow

Sphaeralcea grossulariaefolia



Plant Features:

- 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

Plant Features:

- 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

Penstemon 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 (Moonshine Yarrow in pic)
- Zones 4-8

Elfin Pink Penstemon plant looks similar with pink flowers

Summer Bloomers

English Lavender

Lavandula angustifolia 'Hidcote'



Plant Features:

- 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'

Plant Features:

- 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



Shasta Daisy

Leucanthemum superbum

Plant Features:

- Blooms June –July
- 1 to 3 ft tall (there are some compact varieties)
- 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



Berggarten Sage

Salvia officinalis 'Berggarten'

Plant Features:

- mostly a foliage plant but does bloom
- Blooms in summer
- 12-18 in tall
- Semi evergreen
- Prefers full sun
- Once a week watering.
- tolerates drought and heat.
- Zones 5-8





Golden Variegated Sage
Salvia officinalis 'Icterina'

Purple Sage
Salvia officinalis 'Purpurascens'

May Knight Sage

Salvia nemorosa 'May Knight'



Plant Features:

- 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'



Mainacht



Ostfriesland



Rose Queen

Plant Features:

- Full sun to part shade
- 18-24 in tall and wide
- Blooms spring to summer
- Continued bloom when cut back
- Deep purple, blue, pink, white varieties available
- Zone 5-9

Red Hot Poker

Kniphofida 'Early Hybrid'



Plant Features:

- 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



Plant Features:

- 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



Plant Features:

- 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

Whirling Butterflies

Guara lindheimeri



Plant Features:

- Full sun
- Blooms spring-fall
- 18-30 in tall
- Informal wispy habit
- Pink and White
- Blooms look like little Butterflies
- Deer resistant
- Zones 5



Gallery Lupine Hybrids

Lupinus species



Plant Features:

- 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

Plant Features:

- Summer blooming
- 12 in. tall
- Pink to purplish blooms
- Full sun
- Blooms longer with a little extra water. Once per week watering
- Zones 5-9



Rhondo Mix Penstemon

Penstemon barbatus var preacox 'Rhondo'



Plant Features:

- 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

Cranesbill Geranium

Geranium cantabrigiense



Plant Features:

- Long blooming, nice mounded habit
- 8-14 in tall and 20-24 wide
- Not a true geranium
- Does best in part shade but can be in full sun
- Deer resistant
- Varieties include blue, white, purple and pink flowers
- Zone 4

Chocolate Flower

Berlandiera lyrata

Plant Features:

- Chocolate scented
- 12 to 14 in. tall
- very drought tolerant
- Flowers all summer
- Full sun to light shade
- Low maintenance, clean up in spring
- Requires no water once established.
- deer resistant
- Zone 5-9



Wild Thing Sage

Salvia greggi



Plant Features:

- 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'



Plant Features:

- Full sun to part shade
- 2 ft tall 2 ft wide
- Bright flowers all summer when dead headed
- Moderate water for lasting blooms.
- Water every 7-14 days
- Zones 4-8



Zagreb Coreopsis

Coreopsis verticulata 'Zagreb'



Plant Features:

- 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

Tickseed (Coreopsis)

Coreopsis verticulata

Plant Features:

- 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.

Plant Features:

- 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

Plant Features:

- 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

Gaillardia x grandiflora



Plant Features:

- Prefers full sun
- 1 to 2 ft high
- Yellow to orange petals with red center, or all burgandy.
- Very tolerant of dry conditions. Will tolerate more or less water
- Deadhead for extended flowering
- Zones 4 to 8



Red Feathers

Echium amoenum

Plant Features:

- Full sun
- 12-14 inches tall and wide
- Red feathery spikes of flowers
- Deadhead for rebloom
- Thrives in poor soil
- Deer resistant
- Zone 3



Sea Holly

Eryngium planum



Plant Features:

- Full sun
- Spiny leaves dome shaped
- flower, resembles a thistle
- 18-24 inches tall
- Tolerates hot, dry sites and soils high in salts
- Zone 4



Rose Mallow or Hardy Hibiscus

Hibiscus x 'Var.'

Plant Features:

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



Purple Coneflower (other colors now available)

Echinacea purpurea

Plant Features:

- Full sun to part shade
- 2 ft tall 2 ft wide
- various cultivars and colors
- Deer resistant
- Good, hardy perennial
- Zone 4



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Green Santolina

Santolina virdis

Plant Features:

- 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'



Plant Features:

- 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

Windflower

Anemone var.



Plant Features:

- Many varieties range in height and flower color (mostly whites to pinks)
- Blooms in a late summer to fall
- 14- 18 inches tall and wide
- Moderate water user
- Part shade for best results
- Zone 4

Blue Fortune Hyssop

Agastache 'Blue Fortune'



Black Eyed Susan

Rudbeckia hirta

Plant Features:

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



Butterfly Bush

Buddleia davidii

Plant Features:

- 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



Sundrops

Calylophus serrulatus



Plant Features:

- Summer bloomer
- 4-8 inches tall 12-16 wide
- Native to Utah
- very low water once established
- Full sun
- Zone 4



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 or Fire Chalice

Zauschneria latifolia

Plant Features

- Perennial to 12 in.
- Foliage dark green
- Flowers scarlet
- Flowers midsummer through frost
- No water needed once established.
- Once per year cleanup is all that is needed.
- Zone 4-10



- Full sun to partial shade, medium to low water requirement
- Fast growth, great ground cover for dry shaded areas. Humming birds love it.

Purple Dome Aster

Aster novi-belgii 'Purple Dome'



Plant Features:

- Late summer /fall bloomer –
- 20-24 in. tall and wide
- Covered in color
- Full sun to part shade
- Only maintenance is one time yearly cleanup.
- Many more varieties available
- Zone 4



Monch



Heath



Showy



Vibrant Dome



Alert

Sunset Hyssop

Agastache rupestris

Plant Features:

- 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, which is best in spring.
- Zones 4-10 up to 7000 ft.



Texas Hummingbird Mint

Agastache cana



Russian Sage

Perovskia atriplicifolia

Plant Features:

- 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

Plant Features:

- Full sun to light shade
- Blooms August and Sept.
- 3 to 5 ft tall
- Once every 7-10 day watering
- Yearly cutback as cleanup
- Zones 3-9



Blue Mist Spirea

Caryopteris clandonensis



Plant Features:

- 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
- Deer resistant
- Bee attractor
- Zone 5

Santa Fe Sunflower

Helianthusus maximiliana 'Santa Fe'



Plant Features:

- Full sun
- 6-8 ft tall and 4 ft wide
- Late fall bloomer
- Blooms when trees are turning color- into October
- Low water, will need staking if too much water
- Cut back late fall or early spring
- Zones 4-9



Ground Covers



Mesa Verde Iceplant

Delosperma 'Kelaidis'



Plant Features:

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

Creeping Thyme

Thymus species

Plant Features:

- Low growing mat forming
- Flowers spring-early summer
- Full sun
- Zones 4-9



Turkish Veronica

Veronica liwanensis

Plant Features:

- 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'



Sedum

Sedum var.



Plant Features:

- Low growing succulents
- many will bloom
- Most notable for color
- most not walkable
- Some tolerate light shade, most prefer full sun
- Good rock garden plants
- Zones 4-9

Creeping Horehound

Marrubium



Snow in Summer

Cerastium tomentosum



Hardy Iceplant

Delosperma nubigenum



Plant Features:

- Creeping, mat forming succulent perennial
- Brilliant yellow flower in mid spring
- Full sun
- Zones 5-9



Bugleweed

Ajuga reptans var.



Plant Features:

- common groundcover, fast growing, easy to grow
- spring bloomer
- Morning sun only- full to part shade
- Deer resistant
- Zone 3



Prairie Winecups

Callirhoe involucrata

Plant Features:

- Dark green, attractive foliage.
- Summer bloomer
- Full sun
- Drought tolerant
- great for dry areas that need good cover
- Zone 4



Creeping Oregon Grape

Mahonia repens



Plant Features:

- Full sun or shade
- Yellow flower in spring
- Broadleaf evergreen, turning burgundy in winter.
- Great for taller ground cover= 12 inches +
- Very little maintenance
- Water once per 10-14 days
- Zones 4-10

Mulches



Benefits:

- No water
- Color and texture differences
- Aesthetic appeal and variation
- Many materials can be used:
 - Nut shells
 - Grass clippings
 - Rock
 - Bark

Grasses



You now have a start to knowing about the amazing world of perennial plants. Keep going. There is still much to learn.

Questions?

Thanks for joining, please join us for our upcoming classes.

Visit www.weberbasin.com to find the class schedule and to register