

Comstock Seed Mix Identifying Guide

Dryland Wildflower Mix

Great Basin Wildflower Mix

Sierra Wildflower Mix

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Sierra Wildflower Mix

To identify a plant, you need to recognize characteristics like size, form, leaf shape, flower color, or fragrance. Then, you may link those characteristics to a name.

A=Annual, B=Biennial, P=Perennial

Annuals complete their life cycle of germination from seed, growing, flowering, fruiting, and dying within a single season of growth.

Biennials require two seasons to complete their life cycle. In the first season, foliage production and storage of food reserves takes place followed by flowering, seed production and death in the next.

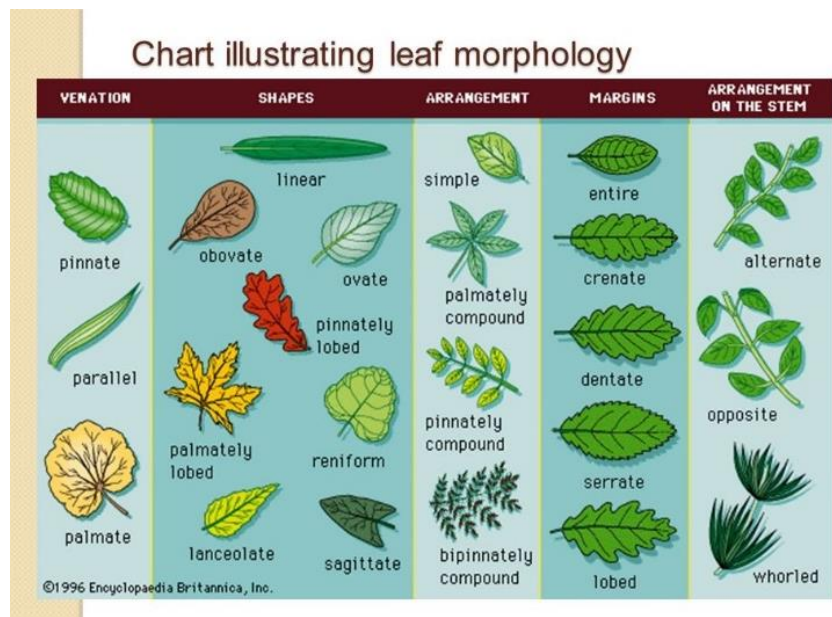
Perennials typically flower annually once established and may live for several to a great number of years.

Life Cycle of a Flower

Seed > Roots > Sprout > Seedling > Adult plant > Seeds Fall > Seeds

Questions to ask when identifying plants:

- Habitat?
- Leaf type/venation?
(Pinnate, Parallel, Palmate)
- Leaf shape? (Linear, Obovate, Ovate, Pinnately lobed, Palmately lobed, Reniform, Lanceolate, Sagittate)
- Leaf arrangement? (Simple, Palmately compound, Pinnately compound, Bipinnately compound)
- Leaf blade edges/margins?
(Entire, Crenate, Dentate, Serrate, Lobed)
- Flower type in flower heads?
- Ray flower color?
- Tuft or plume on fruit?



Leaf Morphology:

Simple or Compound leaves: Compound leaves attach to the stem on a petiole and have leaflets that branch off from the petiole on rachis. Single (simple) leaves are just singular leaves that are also connected to the stem by a petiole.

Looking at the physical characteristics of a flower:

- Notice the overall height of the plant: Start by measuring the height of the plant the flower is attached to. Most flowers bloom attached to the stem of the plant.
- Check the width of the flower: Measure across the flower, from petal to petal.
- Look at how the flower is arranged on the stem: 1 flower on the stem, several flowers on 1 stem, or a cluster of flowers on 1 stem. Some flowers appear in an umbel, where they fall in an umbrella-like cluster from one point on the stem.
- Count how many petals are on the flower: You should look at the shape of the petals.
- Identify the color of the petals: Pick out the main or dominant color on the petals to help identify the flower.
- Check the texture and shape of the stem: Does it creep or twist around other objects or along the ground? Does it extend straight up from the earth and have a square shape? Does the stem appear hairy or spiny in texture? Thorns or pricks that extend from the stem? Slick or smooth texture that appears shiny or hard?
- Check the shape, size, and arrangement of the leaves: Smooth edge, jagged leaf edge, spread out 1 inch or more apart. Notice the arrangement of the leaves on the stem, do they alternate or appear on opposite sides of the stem?

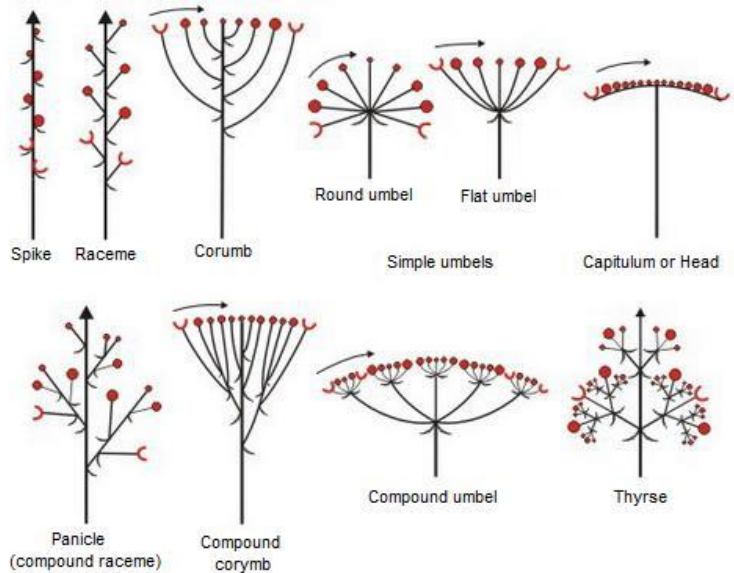


Table of Contents

Arrowleaf Balsamroot- Dryland & Sierra	Iris, Rocky Mountain- Sierra
Aster Prairie- Great Basin	Lomatium- Great Basin
Bachelor Button- Dryland & Great Basin	Lupine, Marsh- Sierra
Beeplant- Dryland	Lupine, Perennial- Sierra
Beeplant, Yellow- Dryland	Lupine, Silvery- Dryland , Great Basin & Sierra
Biscuitroot, Nineleaf- Dryland	Mexican Hat & Prairie Coneflower- Great Basin
Black-eyed Susan- Great Basin & Sierra	Mule's Ears- Sierra
Buckwheat, Sulfur- Dryland , Great Basin & Sierra	Penstemon, Firecracker- Sierra
California Bluebells- Sierra	Penstemon, Littleflower- Sierra
Candytuft, Annual- Sierra	Penstemon, Palmers- Dryland & Great Basin
Catchfly- Sierra	Penstemon, Rocky Mountain- Dryland , Great Basin & Sierra
Checkermallow- Sierra	Penstemon, Royal- Dryland
Cinquefoil- Great Basin & Sierra	Penstemon, Rydberg's- Sierra
Columbine, Red- Sierra	Peony, Brown's- Dryland & Sierra
Coreopsis, Lanceleaf- Great Basin	Phlox, Drummond- Great Basin
Coreopsis, Plains- Great Basin & Sierra	Poppy, California- Dryland , Great Basin & Sierra
Cosmos- Great Basin	Poppy, Flanders- Great Basin & Sierra
Daisy, Oxeye- Great Basin	Primrose, Evening Yellow (Primrose, Yellow)- Great Basin & Sierra
Daisy, Shasta- Great Basin & Sierra	Prince's Plume- Dryland
Daisy, Wandering- Sierra	Showy Golden Eye- Great Basin
Farewell to Spring- Great Basin	Sierra Horsemint- Sierra
Flax, Blue- Dryland , Great Basin & Sierra	Snow-in-Summer- Sierra
Flax, Scarlet- Great Basin & Sierra	Sweet Alyssum- Great Basin
Gilia, Golden- Great Basin & Sierra	Tidy-Tips- Great Basin & Sierra
Globemallow, Desert- Dryland	Wallflower- Great Basin
Globemallow, Gooseberry- Great Basin	Wallflower, Siberian- Dryland & Sierra
Goldenrod, Canada- Sierra	Yarrow, White- Dryland
Hawksbeard, Taper-tip- Dryland	
Hawksbeard, Western- Dryland	
Indian Blanketflower- Great Basin & Sierra	

Lupine Blend

[SIERRA WILDFLOWER MIX](#): Argentus & Perennis

[GREAT BASIN MIX](#): Argentus & Perennis

Penstemon Blend

[SIERRA WILDFLOWER MIX](#): Strictus & Rydbergii

[GREAT BASIN MIX](#): Strictus & Palmer

Arrowleaf Balsamroot **Dryland Mix** & **Sierra Mix**

Scientific name: *Balsamorhiza sagittata*

Color: Yellow

A/B/P: P

Height (inches): 16-30

Moisture Req.: Low-Mod

Blooming Season: Spring/Summer

Description: Silvery "arrowhead" to heart-shaped leaves, 6 in. wide and 12 in. long. Leaves have untoothed edges and are coated in fine to rough hairs, especially on the undersides. 8-24 in stems, generally have a solitary 2 ½ - 4in. wide flower.



Aster Prairie Great Basin Mix

Other common names: Smooth Violet Prairie Aster,

Scientific name: *Symphiotrichum turbinellum* (formerly *Aster turbinellus*)

Color: Purple, Yellow, Blue

A/B/P: P

Height (inches): 24-36

Moisture Req.: Low

Blooming Season: Summer/Fall

Description: 1.5'-3' tall erect stem occasionally forming side branches. Stems usually have lines of hair. Alternating leaves along the stem are up to 4" long and $\frac{3}{4}$ " across, and smooth along the margins.



Bachelor Button **Dryland Mix** & **Great Basin Mix**

Other common names: Cornflower

Scientific name: *Centaurea cyanus*

Color: Blue

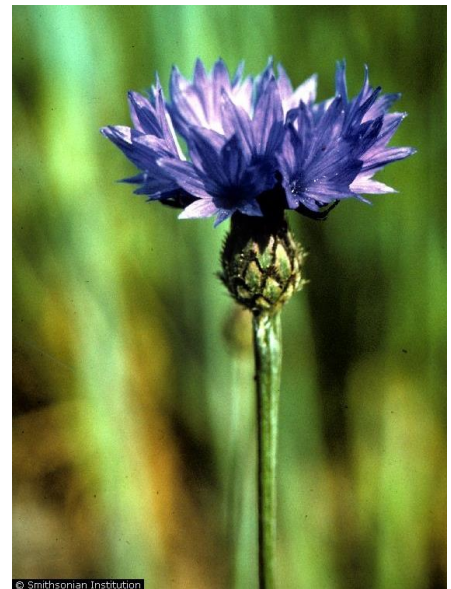
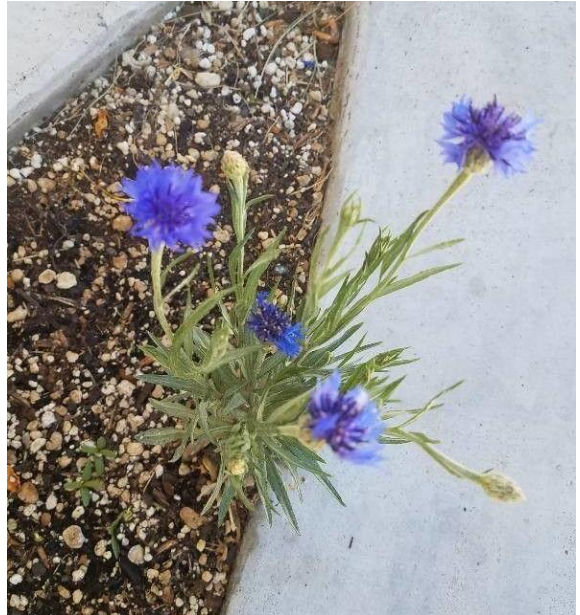
A/B/P: A

Height (inches): 8-30

Moisture Req.: Low

Blooming Season: Spring/Summer

Description: Grey-green branched stems. Leaves are lanceolate and 1-4cm long. The flowers are arranged in flowerheads (capitula) of 1.5-3 cm diameter, with a ring of a few large, spreading ray florets around central cluster.



Beeplant **Dryland Mix**

Other common names: Rocky Mountain Beeplant, Skunkweed, Waa

Scientific name: *Cleome serrulata*

Color: Pink/ Purple

A/B/P: A

Height (inches): 12-48

Moisture Req.: Low-Mod

Blooming Season: Summer/Fall

Description: Erect stem is leafy and branching above. Leaflets occur in threes. Branched stems have palmately compound leaves. Showy clusters of pink flowers continue to elongate during the season. Slender seed capsules may be present while still flowering.



Beeplant, Yellow Dryland Mix

Other common names: Yellow Spiderflower, Yellow Caper, Golden Caper, Beeflower, Nevada Bee Plant

Scientific name: *Cleome lutea*

Color: Yellow

A/B/P: A

Height (inches): 12"-36"

Moisture Req.: Low

Blooming Season: Summer

Description: Erect, leafy stem, branching in the upper portions.

Palmately compound leaves bear 3-7 leaflets. Seeds are long and narrow. Showy, 4-petaled, yellow flowers crowd together.



© Gary A. Monroe



Biscuitroot, Nineleaf Dryland Mix

Other common names: Lewis' lomatium, Ternate Desert-parsley, Ternate lomatium, Nine-leaved desert-parsley, Nine-leaved biscuitroot, Nine-leaved lomatium

Scientific name: *Lomatium triternatum*

Color: Yellow

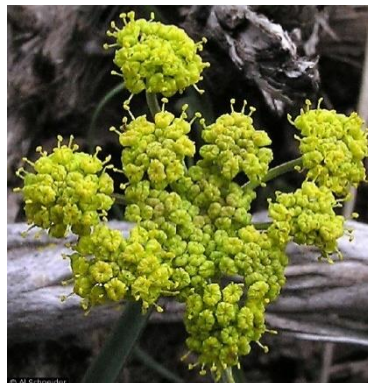
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Height (inches): 36"

Moisture Req.: Low

Blooming Season: Spring

Description: Hairy flowering plant from the carrot family. Leaves emerge on the lower part of the stem. Generally divided into 3 leaflets, subdivided into three linear leaflike segments. Clusters of yellow flowers on a ray up to 10cm long, forming a flat formation of umbels.



Black-eyed Susan Great Basin Mix & Sierra Mix

Other common names: Common Black-eyed Susan, Brown-eyed Susan

Scientific name: *Rudbeckia hirta*

Color: Yellow

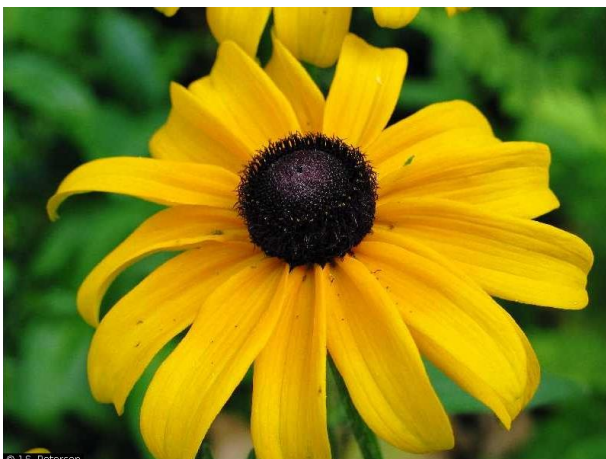
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Height (inches): 18-48"

Moisture Req.: Low-Mod

Blooming Season: Summer/Fall

Description: Stems about 1-2ft., scattered oval leaves, both covered with bristly hairs. Coarse, rough-stemmed plant with daisy-like flower heads with showy golden-yellow ray flowers, with brown central cone.



Buckwheat, Sulfur Dryland Mix, Great Basin Mix, & Sierra Mix

Other common names: Sulphur-flower Buckwheat, Sulphur-flower Wild Buckwheat, Sulphur-flower

Scientific name: *Eriogonum umbellatum*

Color: Yellow

A/B/P: P

Height (inches): 3-36"

Moisture Req.: Low

Blooming Season: Fall

Description: Sulphur Buckwheat is highly variable. All plants make loose mats of leaves, often green above and gray-woolly beneath. Leaves at the base, on long erect stalks tiny yellow flowers in cluster balls on 6-9 in. stems.



California Bluebells **Sierra Mix**

Other common names: Desertbells

Scientific name: *Phacelia campanularia*

Color: Blue

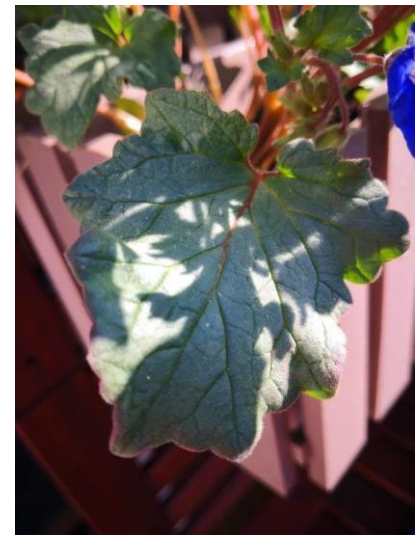
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Height (inches): 12-24

Moisture Req.: Low

Blooming Season: Spring

Description: Hairy stem is usually unbranched. The leaves are oval to rounded, toothed, and borne on petioles a few cm long. The hairy flower cluster is curving several bell-shaped flowers. Each flower is 1.5-4 cm long, with 5 protruding stamens.



Candytuft, Annual Sierra Mix

Other common names: Globe Candytuft, Garden Candytuft, Common Candy-tuft

Scientific name: *Iberis umbellata*

Color: White, Pink, or Purple

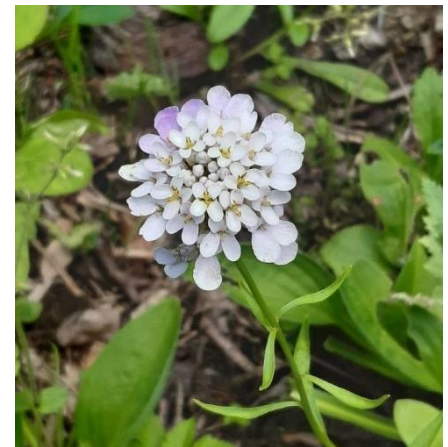
A/B/P: A

Height (inches): 12"-20"

Moisture Req.: Low

Blooming Season: May-June

Description: The stem is twisted at the base while the flowering branches are erect and leafy. The leaves are green and linear-lanceolate (0.5-1" long). The flowers are umbel shaped, and the petals are rounded at the apex.



Catchfly Sierra Mix

Other common names: Royal Catchfly, Sweet William catchfly

Scientific name: *Silene armeria*

Color: Pink

A/B/P: A

Height (inches): 48

Moisture Req.: Low-Mod

Blooming Season: Summer/Fall

Description: Leaves numerous 2.5-5cm long, elliptic, oval, or narrowly oval, smooth. Flowers arranged somewhat openly or compactly at end of stems. Stem is hairless or slightly hairy with sticky areas, especially just below the cluster.



Checkermallow **Sierra Mix**

Other common names: Checkerblooms, Prairie mallows

Scientific name: *Sidalcea*

Color: White, Pink, or Purple

A/B/P: P

Height (inches): 0.3 – 1.5 ft tall

Moisture Req.: Low

Blooming Season: Spring/Summer

Description: Clumps of toother basal leaves produce erect stems, with 5-petalled mallow-type flowers in terminal racemes.



Cinquefoil Great Basin Mix & Sierra Mix

Other common names: Five fingers, Silverweeds, Common cinquefoil, Oldfield cinquefoil, Slender cinquefoil, Graceful cinquefoil

Scientific name: *Potentilla gracilis*

Color: Yellow

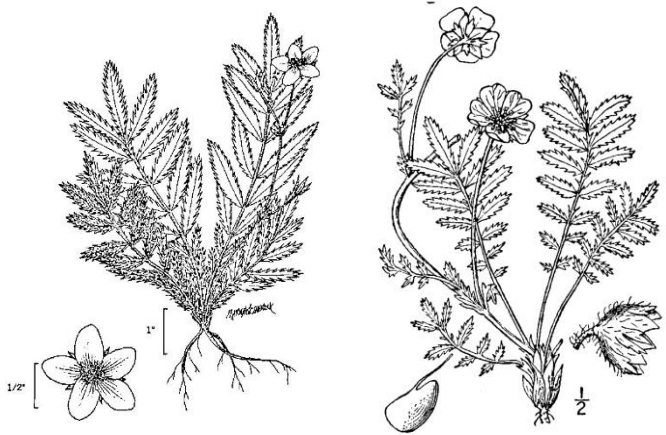
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Height (inches): 2-3.3 ft

Moisture Req.: Low/Mod

Blooming Season: Summer

Description: Several erect stems up to a meter tall. The leaves are palmate and compound, each divided into five to seven wide lance-shaped leaflets with toothed edges. The leaflets are hairy, with many more hairs on the underside. Leaves are smaller and reduced towards the top.



Farewell to Spring Great Basin Mix

Other common names: Godetia, Satin Flower

Scientific name: *Clarkia amoena*

Color: Pink, Red, Purple, & Lavender

A/B/P: A

Height (inches): 6-36

Moisture Req.: Low-Mod

Blooming Season: Spring/Summer

Description: Growing one meter tall, with slender, linear leaves 2-7 cm long and 2-6 mm wide. Four broad petals 1.5-6 cm long.



Columbine, Red Sierra Mix

Other common names: Eastern Red Columbine, Wild Red Columbine, Wild Columbine

Scientific name: *Aquilegia canadensis*

Color: Red & Yellow

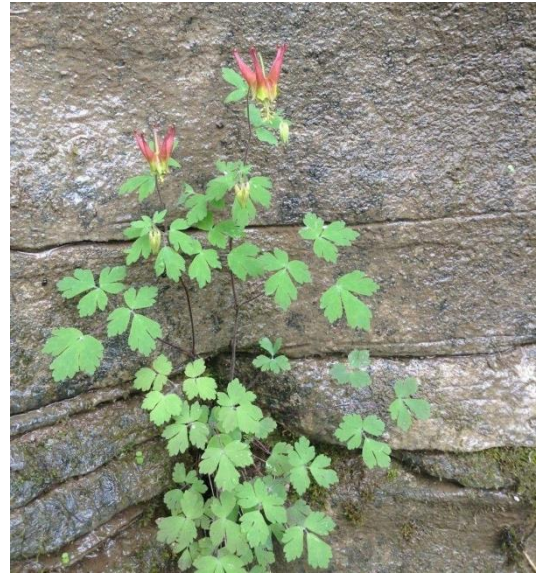
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Height (inches): 24"

Moisture Req.: Mod

Blooming Season: Spring

Description: An erect stem up to 2 ft tall. A nodding red and yellow flower with backward-pointing spurred-tube petals alternating with spreading, colored sepals and numerous yellow stamens hanging below the petals. The compound leaves, divided into round-lobed threes.



Coreopsis, Lanceleaf Great Basin Mix

Other common names: Lance-leaved Coreopsis, Lanceleaf Tickseed, Sand Coreopsis

Scientific name: *Coreopsis lanceolata*

Color: Yellow

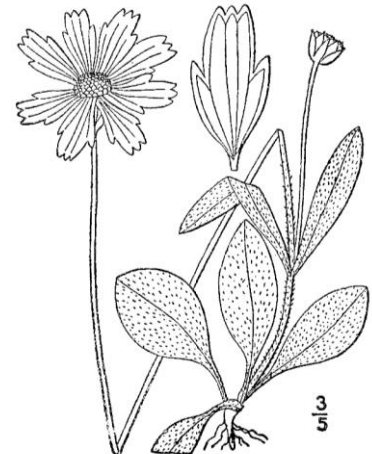
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Height (inches): 18-36

Moisture Req.: Low-Mod

Blooming Season: Summer

Description: Branching stems at the base. 1-2 ½ ft tall with leaves 3-4 inches long, opposite, sometimes alternate near the top where the leaves are fewer. Some leaves are deeply cut, almost forming 3 leaflets, appearing as a whorl of 6. Flower heads are yellow, 1-1 ½ inches across. Ray flowers are 4-lobed. The daisy-like flowers occur singly atop long, naked peduncles.



Coreopsis, Plains Great Basin Mix & Sierra Mix

Other common names: Plains Coreopsis, Golden Tickseed, Goldenwave, Calliopsis

Scientific name: *Coreopsis tinctoria*

Color: Yellow & Burgundy

A/B/P: A

Height (inches): 24-48

Moisture Req.: Low

Blooming Season: Summer/Fall

Description: A slender plant with pinnately-compound foliage. Small but abundant yellow flowers “painted” maroon near the center. Numerous smooth, slightly angled branches bearing showy, daisy-like flower heads. The yellow petals are notch-tipped. Flowers occur on long stalks from the multi-branching stems.



Cosmos Great Basin Mix

Other common names: Garden Cosmos, Common Cosmos

Scientific name: *Cosmos bipinnatus*

Color: Pink, Purple, & White

A/B/P: A

Height (inches): 30-48

Moisture Req.: Low

Blooming Season: Summer/Fall

Description: The branched stem is usually occupied by fine, split up, rough hairs, but some are completely hairless. The partial leaves are linear-filiform to narrow linear; the tips are pointed, hardened, but not particularly sharp. Its foliage is finely cut into threadlike segments. When flowering the plant may become top heavy, avoidable if grown in groups, the colony supports itself.



Daisy, Oxeye **Great Basin Mix**

Other common names: Ox-eye daisy, Dog daisy

Scientific name: *Leucanthemum vulgare*, previously known as: *Chrysanthemum leucanthemum*

Color: White

A/B/P: P

Height (inches): 18-30

Moisture Req.: Low-Mod

Blooming Season: Spring-Fall

Description: Lower parts of the stem are hairy, sometimes densely hairy, but hairless in the upper parts. The largest leaves are at the base 1.5-5.9 in. long, about 2 in. wide, and have a petiole. Leaves have up to 15 teeth, or lobes or both on the edges. Leaf size decreases in size up the stem, 3 in. long, lack a petiole and are deeply toothed. Each flower has between 15-40 petals.



Daisy, Shasta **Great Basin Mix & Sierra Mix**

Other common names: Max chrysanthemum

Scientific name: *Leucanthemum maximum*, previously known as: *Chrysanthemum maximum*

Color: White

A/B/P: P

Height (inches): 12-24

Moisture Req.: Mod

Blooming Season: Summer

Description: Growing 11-28 in. tall with many large, serrated leaves around the base of the stem on winged petioles. Smaller lance-shaped leaves alternately arranged along the stem. A solitary flower head may exceed 3 in. in diameter.



Daisy, Wandering Sierra Mix

Other common names: Subalpine Fleabane, Wandering Fleabane, Wild Daisy Fleabane

Scientific name: *Erigeron peregrinus*

Color: White, Pink, Yellow, Blue, or Purple

A/B/P: P

Height (inches): 4-28 in.

Moisture Req.: Moist

Blooming Season: Summer

Description: Variable species across its range. Most forms are quite leafy. Flower heads- the rays occur singly or in few-flowered clusters. Rhizomatous.



Flax, Blue Dryland Mix, Great Basin Mix, & Sierra Mix

Other common names: Perennial Flax, Lewis Flax, Prairie Flax, Wild Blue Flax

Scientific name: *Linum lewisii*

Color: Blue

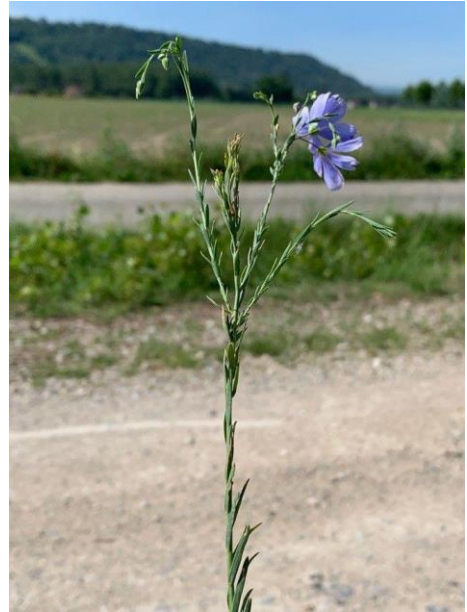
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Height (inches): 18-24 in.

Moisture Req.: Low

Blooming Season: Spring/Summer

Description: Rarely stands straight up, but rather leans at an angle. Flowers are pale blue, with 5 petals about 1-1 ½ in. across veined in darker blue. Each stem produces several flowers, blooming from the bottom upward. The stem is leafy while the plant is young, gradually losing most of its leaves as it matures. Leaves are narrow and about ¾ in. long.



Flax, Scarlet Great Basin Mix & Sierra Mix

Other common names: Flowering flax, Red flax, Crimson flax, Garden flax

Scientific name: *Linum grandiflorum*

Color: Scarlet

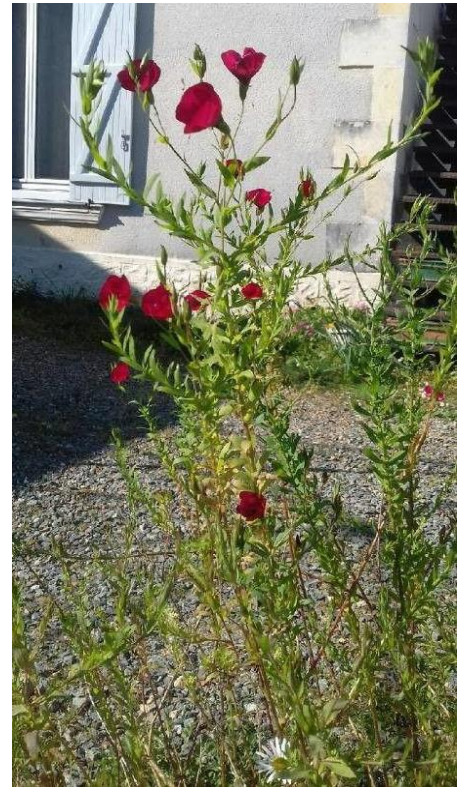
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Height (inches): 14

Moisture Req.: Low-Mod

Blooming Season: Spring-Fall

Description: Erect, branching stem lined with waxy, lanced-shaped leaves 1-2 cm long. The flower has 5 red petals each up to 3 cm long and stamens tipped with anthers bearing light blue pollen.



Gilia, Golden Great Basin Mix & Sierra Mix

Other common names: Golden linanthus, Desert gold

Scientific name: *Leptosiphon aureus*, OR *Linanthus aureus*

Color: Yellow

A/B/P: A

Height (inches):

Moisture Req.: Low

Blooming Season: Spring

Description: A tiny, spindly plant, usually with 3 branches at a fork, with pale to deep yellow, funnel-shaped flowers on very slender stalks. Flowers are 1/4 - 1/2 in. wide, 5-lobed, with a narrow tube, often with maroon at the opening. Leaves opposite each other.



Globemallow, Desert Dryland Mix

Other common names: Apricot mallow, Desert mallow

Scientific name: *Sphaeralcea ambigua*

Color: Orange & Red

A/B/P: P

Height (inches): 20-38

Moisture Req.: Low

Blooming Season: Spring

Description: The leaves are fuzzy with white hairs on both sides, lobed, veined, and on long stems, which increases with age. The flowers are bowl shaped, and 5-petaled.



Globemallow, Gooseberry *Great Basin Mix*

Other common names: Gooseberryleaf Globemallow, Current-leaf globe-mallow

Scientific name: *Sphaeralcea grossulariifolia*

Color: Orange & Red

A/B/P: P

Height (inches): 27-38

Moisture Req.: Low

Blooming Season: Spring/Summer

Description: Erect stems up to 3 ft. tall from a woody base. Leaves have three-lobed blades with toothed or lobed edges, up to 3.5 cm. long. Each flower has five red-orange petals each 1-2 cm. long.



Goldenrod, Canada Sierra Mix

Other common names: Canadian goldenrod, Tall goldenrod, Giant goldenrod

Scientific name: *Solidago canadensis*

Color: Yellow

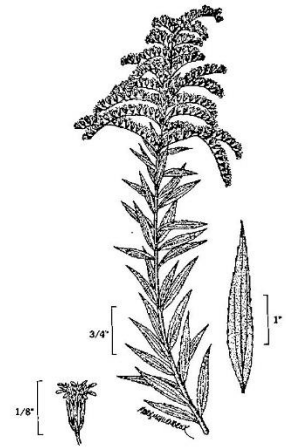
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Height (inches): 36"-72"

Moisture Req.: Dry, moist

Blooming Season: Late summer

Description: Tall, leafy, finely hairy stem has tiny flower heads on arching branches in a long or flat-topped cluster at top. The lanceolate to broadly linear shaped leaves are alternately arranged on the stems.



Hawksbeard, Taper-Tip Dryland Mix

Other common names: Hawksbeard, Longleaf hawk's-beard, Mountain hawk's-beard

Scientific name: *Crepis acuminata*

Color: Yellow

A/B/P: P

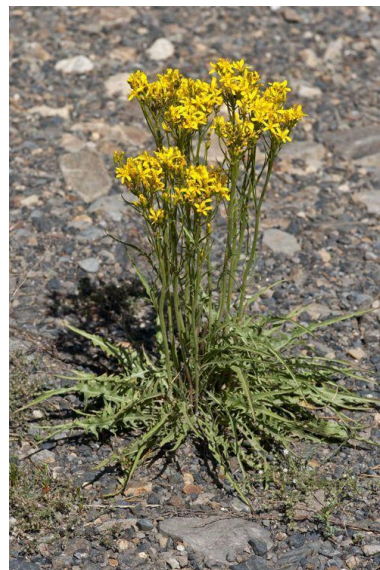
Height (inches):

Moisture Req.: Low

Blooming Season: Summer

Description: A loose, flattish, or round-topped cluster of many narrow flower heads of yellow rays atop a branched leafy stem.

Sap milky.



Hawksbeard, Western Dryland Mix

Other common names: Largeflower hawksbeard, Gray hawk's-beard

Scientific name: *Crepis occidentalis*

Color: Yellow

A/B/P: A

Height (inches): 16"

Moisture Req.:

Blooming Season: Early Summer

Description: Grayish woolly branching stem. Woolly toothed leaves are up to 12 in. long at the base of the plant. The inflorescence produces several clusters of flower heads with hairy yellow ray florets.



Indian Blanketflower **Great Basin Mix & Sierra Mix**

Other common names: Indian blanket, Firewheel, Girasol Rojo

Scientific name: *Gaillardia pulchella*

Color: Yellow, Red, & Brown

A/B/P: P

Height (inches): 18-24

Moisture Req.: Low

Blooming Season: Summer/Fall

Description: The hairy stem is usually much-branched and becomes woody at the base late in the season. Branched stems, mostly leafy near the base, have showy flower heads with rays' red at the base, tipped yellow, each with 3 teeth at broad end. Flower heads are 1-2 in. across.



Iris, Rocky Mountain **Sierra Mix**

Other common names: Western blue flag

Scientific name: *Iris missouriensis*

Color: Blue/ Purple, with yellow base

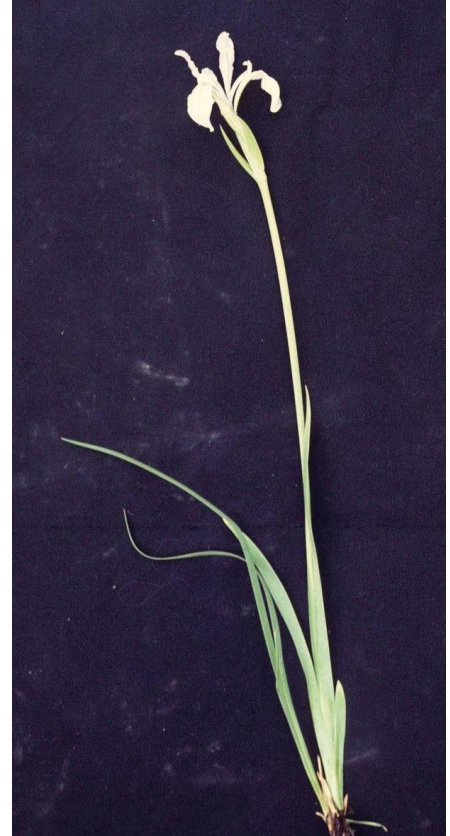
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Height (inches): 8-20

Moisture Req.: Low

Blooming Season: May/June

Description: Slender-stemmed, and one to four flowers occur per stem. The grayish-green leaves are relatively broad. Large, delicate, pale blue or blue-violet flowers, often with purple veins, bloom at top of stout, leafless stalks that grow from dense clumps of flexible, tough, sword-shaped leaves.



Lomatium Great Basin Mix

Other common names: Biscuitroot, Indian parsley, Desert parsley

Scientific name: *Lomatium*

Color: Yellow

A/B/P: P

Height (inches):

Moisture Req.: Low

Blooming Season: Spring

Description: In the same family as carrots and celery. Most of the year the plant is not visible. The flowers are arranged in compound umbels, without involucral bracts. Leaves are mainly basal and dissected, many look like/ can be mistaken for a fern.



Lupine, Silvery Dryland Mix, Great Basin Mix, & Sierra Mix

Other common names: Silver-stem lupine, Silver lupine

Scientific name: *Lupinus argenteus*

Color: Purple

A/B/P: P

Height (inches): 10-28

Moisture Req.: Low-Mod

Blooming Season: Summer

Description: Silver-stem lupine bears from one to several, occasionally branched stems, each 1-2 ft. tall and covered with hairs. Stalked, palmately-compound, silvery-green leaves line the stems. Pea-like flowers are arranged in a showy spike, up to 8 in. long, atop the stems.



Lupine, Perennial Sierra Mix

Other common names: Wild lupine, Sundial lupine, Wild perennial lupine, Blue lupine

Scientific name: *Lupinus perennis*

Color: Purple-blue

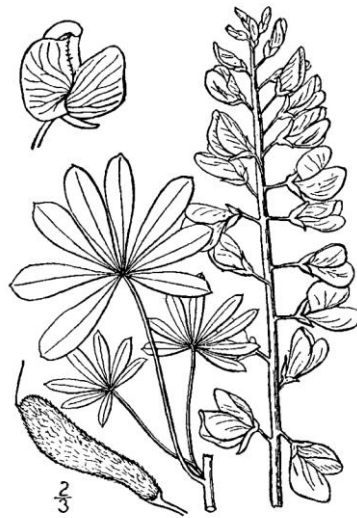
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Height (inches): 12-24

Moisture Req.: Low-Mod

Blooming Season: Spring/Summer

Description: Showy, elongate clusters of pea-like flowers top the 1-2 ft. stems. Erect stems with palmately compound leaves. Leaves are palmately divided into 7-11 leaflets.



Lupine, Marsh Sierra Mix

Other common names: Large-leaved lupine, Bigleaf lupine, Blue-pod lupine, Meadow lupine, Bog lupine

Scientific name: *Lupinus polyphyllus*

Color: Blue, Pink, Purple

A/B/P: P

Height (inches): 3-5 ft.

Moisture Req.: Mod-High

Blooming Season: Spring/Summer

Description: Rich-green, palmate leaves and stately spires of large, deep-blue, purple, or reddish flowers. 1 or several mostly unbranched, stout, hollow stems with violet or blue-violet pea flowers in long dense racemes.



Mexican Hat & Prairie Coneflower Great Basin Mix

Other common names: Upright prairie coneflower, Red-spike Mexican Hat, Long-headed Coneflower

Scientific name: *Ratibida columnifera*

Color: Yellow, Orange, Brown

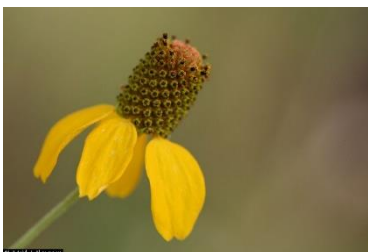
A/B/P: P

Height (inches): 12-24

Moisture Req.: Low-Mod

Blooming Season: Spring-Fall

Description: Branched and leafy in lower part with long leafless stalks bearing flower heads of 3-7 yellow or yellow and red-brown, drooping rays surrounding a long red-brown central disk.



Mule's Ears Sierra Mix

Other common names: Woolly Mule-ears

Scientific name: *Wyethia mollis*

Color: Yellow

A/B/P: P

Height (inches): 12-15

Moisture Req.: Low-Mod

Blooming Season: Spring/Summer

Description: Slow growing and long-lived, developing upright form to a height of 2.5 ft. Leaves are white-gray and deciduous.



Penstemon, Firecracker Sierra Mix

Other common names: Firecracker Beardtongue, Eaton's Penstemon, Eaton's Beardtongue

Scientific name: *Penstemon eatonii*

Color: Red

A/B/P: P

Height (inches): 12-40

Moisture Req.: Low

Blooming Season: Spring/Summer

Description: This perennial's striking feature is its scarlet flowers. Five to ten long, narrow, tubular blossoms top each of the numerous 2 ft. high stems. Leaves are tough, leathery, and deep green, arranged in pairs along the coarse, purplish stems.



Penstemon, Palmer's Dryland Mix & Great Basin Mix

Other common names: Palmer's Beardtongue, Scented Penstemon, Scented Beardtongue

Scientific name: *Penstemon palmeri*

Color: Pale pink/ White

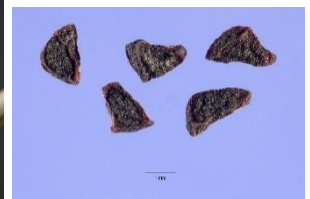
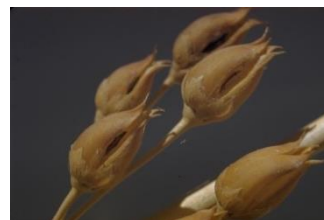
A/B/P: P

Height (inches): 48

Moisture Req.: Low

Blooming Season: Spring/Summer

Description: One of the few fragrant penstemons. Its sub-woody branched stems bear oblong, grayish leaves which ascend the stalk in fused pairs. A few sparsely-leaved, erect, stout stems have swollen white to reddish-pink bilaterally symmetrical flowers mostly turned to one side in a long, narrow cluster.



Penstemon, Littleflower Sierra Mix

Other common names: Littleflower Beardtongue

Scientific name: *Penstemon procerus*

Color: Blue, Purple

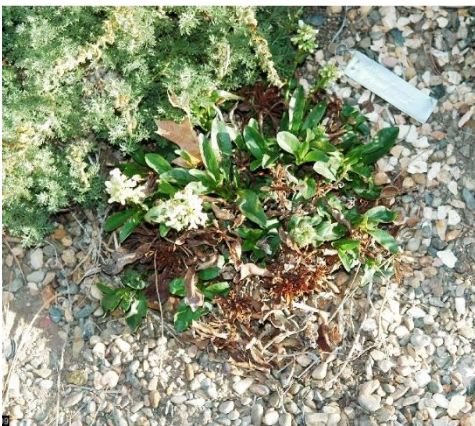
A/B/P: P

Height (inches): 8-15 in

Moisture Req.: Moist

Blooming Season: Summer

Description: This herbaceous perennial forms mats of herbage with some erect stems reaching about 15 in. in max height. Leaves are lance-shaped to oval, plentiful around the base with smaller ones arranged in opposite pairs along the stem. The inflorescence is made up of one or more clusters of tubular flowers with lipped, lobed mouths.



Penstemon, Rocky Mountain **Dryland Mix**, Great Basin Mix, & Sierra Mix

Other common names: Rocky Mountain Beardtongue

Scientific name: *Penstemon strictus*

Color: Blue/violet

A/B/P: P

Height (inches): 12-36

Moisture Req.: Low-Mod

Blooming Season: Summer

Description: Evergreen perennial with multiple spires of large, royal-blue to purple flowers rising above the low mats of foliage. The paired leaves range from narrow and grass-like to broad and lance-shaped depending on the variety. The two lobes of the tubular flowers' upper lips project forward over the lower lips' three deeply cut lobes.



Penstemon, Rydberg's Sierra Mix

Other common names: Rydberg's Beardtongue

Scientific name: *Penstemon rydbergii*

Color: Blue-violet

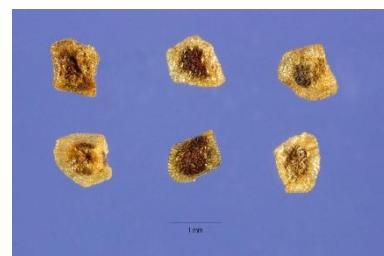
A/B/P: P

Height (inches): 8-24

Moisture Req.: Low-Mod

Blooming Season: Summer

Description: Small, pale purple to dark blue-violet, bilaterally symmetrical flowers forming 1 or several dense whorls at or along upper part of erect stems. The dark blue-violet whorls of small flowers help distinguish this common penstemon from most other species.



Penstemon, Royal Dryland Mix

Other common names: Royal Beardtongue, Sagebrush Penstemon, Sagebrush Beardtongue

Scientific name: *Penstemon speciosus*

Color: Blue

A/B/P: P

Height (inches): 12-36"

Moisture Req.: Low

Blooming Season: Spring/Summer

Description: The subshrubby branches of this clumped perennial rise to 2 ft. and bear narrow, spoon-shaped leaves. The racemes of flowers, borne many to each plant, carry close wands of gaping blue flowers.



Peony, Brown's Dryland Mix & Sierra Mix

Other common names: Western peony

Scientific name: *Paeonia brownii*

Color: Red

A/B/P: P

Height (inches): 9-15 in.

Moisture Req.: Mid

Blooming Season: Spring

Description: Summer hibernating, perennial herbaceous plant of 9-15 in. high with up to ten stems per plant. Each stem has five to eight twice compound or deeply incised, bluish green, hairless, somewhat fleshy leaves which may develop purple-tinged edges when temperatures are low. The blades of the leaflets or segments are oval to inverted egg-shaped, with a clearly narrowed, stalk-like foot and a stump or rounded tip.



Phlox, Drummond Great Basin Mix

Other common names: Annual phlox, Drummond phlox, Pride-of-Texas, Texas pride

Scientific name: *Phlox drummondii*

Color: White, Red, Pink & Purple

A/B/P: A

Height (inches): 8-20

Moisture Req.: Low-Mod

Blooming Season: Spring/Summer

Description: The branches have sharp, pointed, lengthy, ciliated leaves with rounded flowers. The flowers are single or double, with lightly scented, flat, star-shaped petals. The flowers mature to 2.5 cm (1 in) in diameter.



Poppy, California Dryland Mix, Great Basin Mix, & Sierra Mix

Other common names: California Gold Poppy

Scientific name: *Eschscholzia californica*

Color: Orange, Yellow

A/B/P: A

Height (inches): 12-18

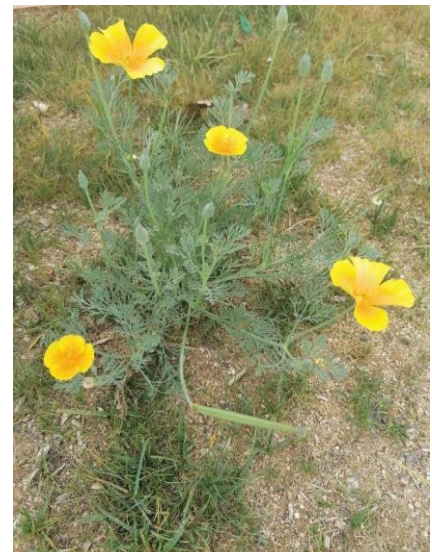
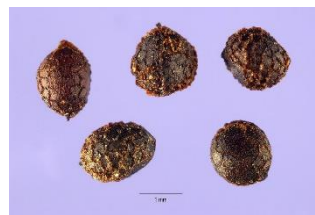
Moisture Req.: Low

Blooming Season: Spring-Fall

Description: Feathery, blue-green leaves clasp the 1-2 ft. stems.

Showy, 1-3 in. wide four-petals, satiny, flowers open only on sunny

days. Solitary flowers are long-stalked and vary in color from orange to yellow.



Poppy, Flanders Great Basin Mix & Sierra Mix

Other common names: Common poppy

Scientific name: *Papaver rhoeas*

Color: Red or mixed

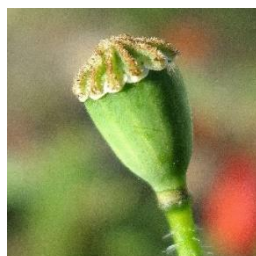
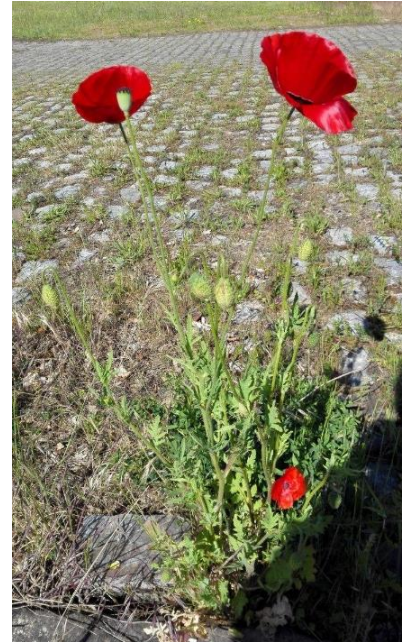
A/B/P: A

Height (inches): 28 in.

Moisture Req.: Low-Mod

Blooming Season: Spring/Summer

Description: The stems hold a single 2-4 in. showy flower, with four petals that are vivid red with a black spot at the base. The plant can produce up to 400 flowers in a warm season, that last only one day. The stem is usually covered with coarse hairs perpendicular to the surface.



Primrose, Evening Yellow (Primrose, Yellow) Great Basin Mix & Sierra Mix

Other common names: Yellow Evening Primrose, Large-flowered evening-primrose

Scientific name: *Oenothera lamarckiana*

Color: Yellow

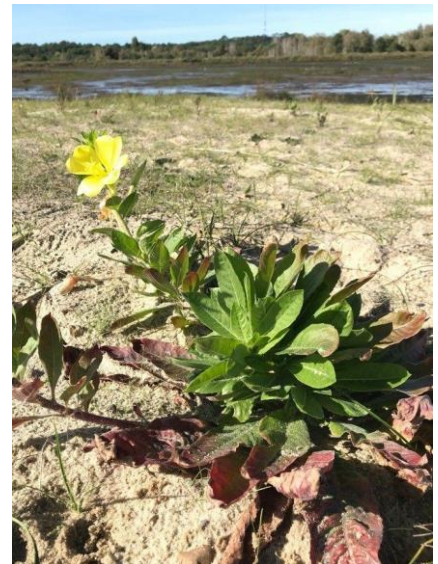
A/B/P: A

Height (inches): 36-60

Moisture Req.: Low-Mod

Blooming Season: Summer

Description: A biennial herb producing an erect stem approaching 4.9 ft. in max height. Rough hairy texture, crinkly leaves are up to 5 in. long. The inflorescence is a showy spike of many large flowers. Each flower has four bright yellow petals 1-2 in. long.



Prince's Plume **Dryland Mix**

Other common names: Desert Princes' Plume, Golden Princes' Plume, Golden Desert Plume, Sentinel of the Plains

Scientific name: *Stanleya pinnata*

Color: Yellow

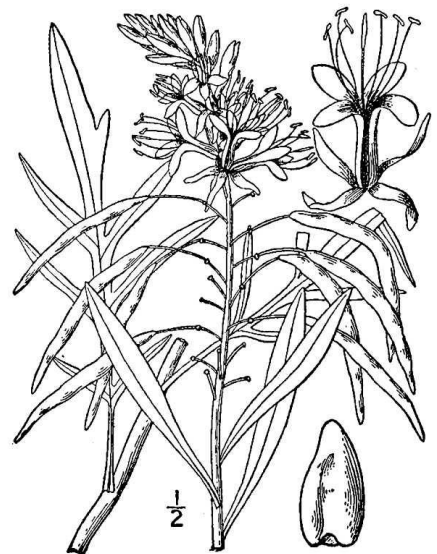
A/B/P: P

Height (inches): 3-6 ft

Moisture Req.: Low

Blooming Season: Spring-Fall

Description: Leaves are mostly basal on low, branched, subwoody crowns. The flowers are reminiscent of *cleomes* or *spider flowers*. Stem leaves are lance-shaped and pinnately divided. Slender wands of yellow flowers top tall, stout, smooth, bluish-green, leafy stems.



Showy Golden Eye Great Basin Mix

Other common names: Showy False Goldeneye

Scientific name: *Viguiera multiflora*

Color: Yellow

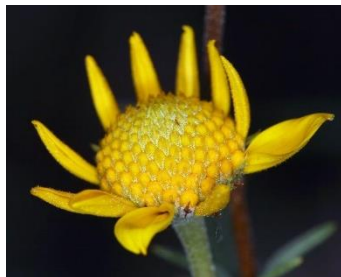
A/B/P: P

Height (inches): 12-40

Moisture Req.: Mod

Blooming Season: Summer/Fall

Description: The perennial showy false goldeneye is sometimes woody at the crown, with several slender, 1-2 ft. stems bearing narrow leaves and yellow, sunflower-like flowers.



Sierra Horsemint **Sierra Mix**

Other common names: Nettleleaf giant hyssop, Horse mint, Horsemint Giant Hyssop

Scientific name: *Agastache urticifolia*

Color: Red, Pink, & purple

A/B/P: P

Height (inches): 0.3-5 ft tall

Moisture Req.:

Blooming Season: Spring

Description: Leaves are 3.15 in. long and 2.75 in. wide. The inflorescence is a dense spike of many flowers. Each flower has long sepals tipped with bright purple and tubular corollas.



Snow-in-Summer **Sierra Mix**

Other common names: Boreal chickweed, Mouse-eared chickweed

Scientific name: *Cerastium biebersteinii*

Color: White

A/B/P: P

Height (inches): 5-10"

Moisture Req.:

Blooming Season: Spring

Description: The leaves are whitish and tomentose, flat, or linear prolonged, a bit acute, smooth-edged, 2-3 cm long and 1-9 mm wide.



Sweet Alyssum Great Basin Mix

Other common names: Sweet Alison, Alyssum

Scientific name: *Lobularia maritima*

Color: White

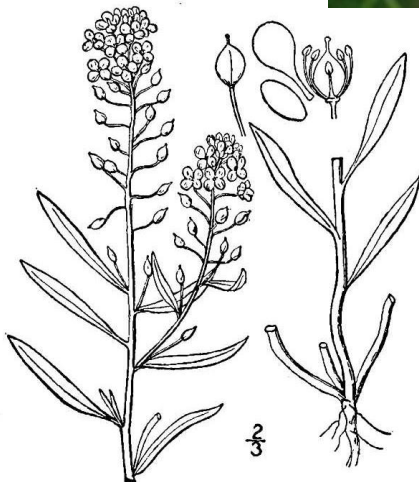
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Height (inches): 8-12

Moisture Req.: Any

Blooming Season: Spring-Fall

Description: The stem is very branched, with dense clusters of small flowers. The leaves are 1-4 mm long and 3-5 mm, broad, alternate, sessile, quite hairy, oval to lanceolate, with an entire margin. The flowers are 5 mm. in diameter, sweet-smelling, with four white rounded petals, and four sepals.



Tidy-Tips Great Basin Mix & Sierra Mix

Other common names: Common Tidy Tips, Coastal Tidy-tips

Scientific name: *Layia platyglossa*

Color: Yellow & White

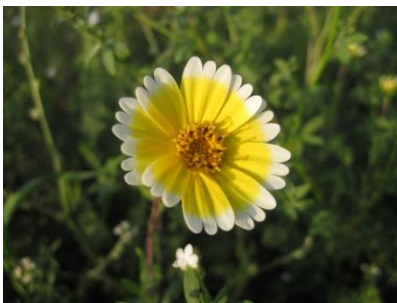
A/B/P: A

Height (inches): 6-12

Moisture Req.: Any

Blooming Season: Summer

Description: Daisy like plant with narrow, rough hairy leaves. The leaves at the upper part of the stem are short and have pilous texture. The leaves at the basal part of the stem can be dentate to pinnate shaped with rotund short lobes. The lower leaves are generally lobed. Leaves usually alternate or opposite, and the blades are usually simple, rarely compound. The flower heads are composed of five to eighteen yellow ray flowers, with sharp-margined white tips.



Wallflower Great Basin Mix

Scientific name: *Erysimum*

Color: Yellow-Orange

A/B/P: P

Height (inches): 12-18

Moisture Req.: Low-Mod

Blooming Season: Spring/Summer

Description: Stems erect, somewhat winged, and t-shaped trichomes. The leaves are narrow and sessile. Lower leaves are linear to oblanceolate pinnatifid with backwardly directed lobes. Stem leaves are linear. Inflorescences are produced in racemes.



Wallflower, Siberian **Dryland Mix** & **Sierra Mix**

Scientific name: *Cheiranthus allionii* OR *Erysimum cheiri*

Color: Orange

A/B/P: A/ B

Height (inches): 10-18

Moisture Req.: Low-Mod

Blooming Season: Spring/Summer

Description: One or more highly branching stems. The leaves are generally narrow and pointed and may be up to 8 in. long. The lower leaves are in a rosette and have a short stalk. The leaf blade is up to 4 in. long, lanceolate and has double-stranded hair. The top of the stem is occupied by a club-shaped inflorescence of 10-30 flowers.



Yarrow, White Dryland Mix

Other common names: Common Yarrow, Western Yarrow, Milfoil
Scientific name: *Achillea millefolium*

Color: White

A/B/P: P

Height (inches): 12-24

Moisture Req.: Any

Blooming Season: Spring-Fall

Description: Grows to 3 ft. tall and has no branches except near the top. Leaves alternate, 3-5 in. long, with many leaflets on each side of the midrib (1-pinnately lobed); these are further divided into smaller leaflets, giving a delicate fern-like appearance. Flower heads are arranged in large, compact clusters at the top of the stem. Each flower head has 20-25 ray flowers.



References

Pictures and information have been compiled from the following websites:

- <https://www.moananursery.com/>
- <https://calscape.org/>
- <https://www.gardenia.net/>
- <https://www.fs.usda.gov/>
- <https://www.wildflower.org/>