

# Plant order by Common Name

| New 2019 | Common name                        | Scientific Name                             | height in inches | spread in inches | General description  | bullet1   | bullet2   | bullet3   | bullet4   | sun_shade            |
|----------|------------------------------------|---|------------------|------------------|--|---|---|---|---|----------------------|
|          | Aloe Vera                          | <i>Aloe vera</i>                            | 18–24"           | 6–12"            | Tender perennial   | Sap is used medicinally   | Terrific for pots and indoors   | Sometimes known as “the burn plant”, Aloe is used in many products that treat burns and sunburn         | A succulent plant   | Full Sun, Part Shade |
|          | Angelica                           | <i>Angelica archangelica</i>                | 36–72"           | 24–48"           | Biennial   | All parts have a licorice flavor  | Plant forms clump in 1st year, flowers in 2nd year, and then dies   | It prefers dappled shade in the afternoon   |   | Full Sun, Part Shade |
|          | Aster, New England                 | <i>Symphotrichum novae-angliae syn.</i>     | 36-72"           | 24-36"           | A Missouri native, it is easily grown in average, medium, well-drained soil in full sun. | Prefers moist, rich soils.  | Good air circulation helps reduce incidence of foliar diseases.   | Pinching back stems several times before mid-July will help control plant height and promote bushiness. | Purple flowers cover the shrubby plants in late September and early October   | Full Sun             |
|          | Balloon Flower                     | <i>Platycodon grandiflorus</i>              | 12–30"           | 12–18"           | Perennial  | Is good in containers and as an edging plant  | Taller plants often need to be staked because of floppy stems. Consider cutting back stems by one-half in May to reduce plant height and possibly avoid having to stake | Avoid wet or poorly drained soils   | Deadheading generally prolongs the bloom period. New season plants emerge late in spring, so be careful not to damage the crows by early cultivation. | Full Sun, Part Shade |
|          | Basil, African Blue                | <i>Ocimum 'African Blue'</i>                | 24-36"           | 24-48"           | Annual   | Bees really love this plant, so plant it away from heavily used paths   | Give it plenty of room as it can spread to almost 4 feet across   | Grown for its flowers, not for tasty leaves   | Use in potpourri  | Full Sun             |
|          | Basil, Amethyst                    | <i>Ocimum basilicum 'Amethyst'</i>          | 18"              | 12–15"           | Annual with dark purple leaves   | Culinary herb for gardens and containers  | Best taste occurs in leaves before the plant bears flowers  | The purple color is a wonderful contrast next to green plants   |   | Full Sun             |
|          | Basil, Cardinal                    | <i>Ocimum basilicum 'Cardinal'</i>          | 24-30"           | 12-18"           | Annual   | Edible Thai basil with uniform, upright habit   | Leaves have a cinnamon/ clove flavor with hints of anise  | Thick sturdy purple stems with beautiful dark purple flowers  | Attractive to bees, butterflies, and birds  | Full Sun             |
|          | Basil, Genovese                    | <i>Ocimum basilicum 'Genovese'</i>          | 18–24"           | 12–15"           | Annual   | Best taste occurs in leaves before the plant bears flowers  | This is the basil you get at the grocery store  | Tender basil leaves need little cooking. Add at the very end of cooking time                            | All basil hates cold. Keep cut basil on the counter, not in the fridge, changing the water every other day.   | Full Sun             |
|          | Basil, Greek Columnar              | <i>Ocimum x citriodorum 'Lesbos'</i>        | 30"              | 12"              | Annual   | Grows in a columnar shape   | Basils hate the cold. Keep cut basil on the counter, not in the fridge  | Columnar habit makes it perfect to plant among tomato plants  |   | Full Sun             |
|          | Basil, Holy; Tulsi                 | <i>Ocimum tenuiflorum</i>                   | 12"              | 18"              | Annual   | Considered a sacred plant by the Hindus, it is often planted around Hindu shrines.  | The Hindi name, Tulsi, means “the incomparable one”.  | Excellent for herbal tea  | Sweet/spicy aroma   | Full Sun             |
|          | Basil, Lettuce Leaf                | <i>Ocimum basilicum 'Lettuce Leaf'</i>      | 24"              | 12–15"           | Annual   | A sweet basil, it has the same flavor as Genovese   | The leaves are large enough to use as wraps   |   |   | Full Sun             |
|          | Basil, Mrs' Burns Lemon            | <i>Ocimum basilicum 'Mrs. Burns' Lemon'</i> | 12-18"           | 10"              | Annual   | It has an intense lemon flavor and fragrance, which makes it particularly good in vinegar, with fish, salad dressings, sauces and oils. | This basil is an heirloom (pre-1940) grown by Mrs. Burns in southwestern New Mexico.  | Great in pesto and other standard basil dishes.   |   | Full Sun             |
|          | Basil, Pesto Perpetuo (variegated) | <i>Ocimum x citriodorum 'Lesbos'</i>        | 12-18"           | 12-24"           | Annual   | Green and cream-colored variegated foliage  | Non-flowering, columnar plants  |   |   | Full Sun             |

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|          | Basil, Purple Ruffles         | <i>Ocimum basilicum</i>                  | 12-18"           | 12-24"           | Annual   | Ruffled purple leaves   | The scent and flavor of Purple Ruffles Basil contain a hint of licorice and cinnamon.                            |   |   | Full Sun                   |
|          | Basil, Spicy Globe            | <i>Ocimum basilicum</i> 'Spicy Globe'    | 12"              | 12"              | Annual   | Leaves are small and taste is somewhat hotter than Genovese Basil | Grows in a nearly round shape without pruning, it makes a nice border plant, and does equally well in containers | Leaves and flowers are both edible  |   | Full Sun                   |
|          | Basil, Sweet Thai             | <i>Ocimum basilicum</i>                  | 12-18"           | 12-18"           | Annual   | Leaves have a spicy, anise-clove flavor                           | Has attractive purple stems and dark purple flowers  |   |   | Full Sun                   |
|          | Beebalm, Bergamot             | <i>Monarda fistulosa</i>                 | 24-48"           | 24-36"           | Missouri native perennial best grown in dry to medium moisture, well-drained soils   | Tubular lavender flowers  | Tolerates somewhat poor soils and some drought   | Plants need good air circulation  | Aromatic leaves can be used in teas   | Full Sun, Part Shade       |
|          | Beebalm, Eastern              | <i>Monarda bradburiana</i>               | 12-24"           | 12-24"           | Missouri native perennial best grown in dry to medium moisture, well-drained soils   | Tubular, pinkish to whitish, purple-spotted flowers               | Tolerates somewhat poor soils and some drought   | Plants need good air circulation  | Deadhead flowers to prolong summer bloom; tends to self-seed  | Full Sun, Part Shade       |
|          | Beebalm, Lemon Mint           | <i>Monarda citriodora</i>                | 12-30"           | 9-12"            | Annual easily grown in average, dry to medium moisture soils   | Tolerates somewhat poor soils and some drought                    | This plant will remain in the garden from year to year by self-seeding   | Scented, tubular, light lavender flowers appear on stiff square stems   | Flowers attract bees, butterflies, and hummingbirds.  | Full Sun                   |
|          | Bellflower, 'Rapido Blue'     | <i>Campanula carpatica</i> 'Rapido Blue' | 6-8"             | 4-8"             | Perennial plants form a low cushion-shaped mound of green leaves with loads of upturned blue bells appearing in late spring through late summer. | likes average, well-draining soil                                 | Will continue blooming for weeks if spent blossoms are regularly removed.  | Attractive to hummingbirds and bees. Rabbit resistant   | Excellent choice for the rock garden, edging and in containers.   | Full sun to partial shade. |
|          | Black-Eyed Susan, 'Goldsturm' | <i>Rudbeckia fulgida</i> 'Goldsturm'     | 24-30"           | 12-18"           | Perennial grown in average, well-drained soil  | Long lasting mid-summer bloom                                     | Deadhead to prolong bloom period, however seed heads are also attractive to birds                                | Slightly more compact with larger flowers than the species  | Spreads easily  | Full Sun, Part Shade       |
|          | Blue False Indigo             | <i>Baptista australis</i>                | 36-48"           | 36-48"           | Perennial that tolerates drought and poor soils. Stems with seed pods are valued additions to dried flower arrangements.                         | Tolerates drought and poor soils.                                 | Stems with seed pods are valued additions to dried flower arrangements   | Over time, plants develop slowly expanding clumps with deep and extensive root systems, and should not be disturbed once established. | Common name refers to the use of this plant by early Americans as a substitute, albeit an inferior one, for true indigo (genus <i>Indigofera</i> of the West Indies) in making blue dyes. | Full Sun                   |
|          | Borage                        | <i>Borago officinalis</i>                | 12-36"           | 9-18"            | Annual   | Young leaves are prepared similarly to spinach                    | Native to the Mediterranean region   | Blue flowers can be frozen in ice cube trays and used to chill drinks   |   | Full Sun, Part Shade       |
|          | Burnet                        | <i>Sanguisorba minor</i>                 | 9-24"            | 12-24"           | Perennial  | Grows in average, well-drained soils and is not drought tolerant  | Will freely self-seed, so remove flower stalks after bloom   | One of the first plants to come up in early spring  |   | Full Sun                   |
|          | Calamint (Nepitella)          | <i>Calamintha nepeta syn.</i>            | 12-18"           | 12-24"           | Perennial in the Mint family with long blooming white flowers  | Plant may spread in garden by rhizomes and/or self seeding        | Suggested to be grown in containers  | A favorite in Tuscany - used in many Italian dishes of that region  |   | Full Sun                   |
|          | Catnip                        | <i>Nepeta cataria</i>                    | 24-36"           | 24-36"           | Perennial  | Cats really do love catnip. Dry it and fill cat toys              | grows in a spreading clump with small white flowers  | this species can spread, so deadhead after blooms fade  | Most similar plants are called catmint  | Full Sun, Part Shade       |

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|          | Celosia, Feather 'Castle Mix' / sold in 6 packs | <i>Celosia argentea</i> 'Castle Mix' | 12-14"           | 7-8"             | Celosia is grown in the St. Louis area as a warm weather annual.   | It is easily grown in humusy, moderately fertile, consistently moist, well-drained soils in full sun.  | Tolerates light shade and dry soils and thrives in hot and humid St. Louis summers.   | The flowers dry well and hold their color.  |   | Full Sun             |
|          | Chamomile, Roman                                | <i>Chamaemelum nobile</i>            | 3-6"             | 6-12"            | Perennial, blooms June-September   | Likes sandy soils  | Will naturalize an area and is a good lawn substitute   | Flower heads may be dried to make chamomile tea, a soothing herbal tea that has been an historic folk medicine remedy | Has daisy-like flowers  | Full Sun, Part Shade |
|          | Chives, Onion                                   | <i>Allium schoenoprasum</i>          | 12-18"           | 12-18"           | Perennial - it dies back in winter   | Forms dense clumps which are easily divided in spring or autumn  | Will self-seed and spread unless deadheaded   | Cut leaves at base  |   | Full Sun, Part Shade |
|          | Cilantro  | <i>Coriandrum sativum</i>            | 18-24"           | 12-18"           | Annual   | Has white, pinkish or lavender blooms  | Seeds are the herb called coriander while leaves are the herb cilantro  | Cilantro does not tolerate heat and high humidity   | Do successive plantings to keep a crop.   | Full Sun, Part Shade |
|          | Citronella, Mosquito Plant                      | <i>Pelargonium</i> 'Citrosa'         | 12-36"           | 12-24"           | Scented geraniums grow best in moderately rich, well-drained soil.   | Cuttings taken in the early fall are easily grown and overwintered indoors   | In St. Louis, grow as annuals in the ground or in containers.   | Deadhead spent flowering stems.   | Scented geraniums are best grown in areas where the foliage can be easily brushed or touched.   | Full Sun, Part Shade |
|          | Comfrey   | <i>Symphytum officinale</i>          | 12-36"           | 9-30"            | Perennial  | Is dangerous when ingested. For external use only  | Is used for ornamental purposes   | Comfrey (also commonly called knitbone or boneset) has been cultivated since 400 B. C. as a healing herb.             |   | Full Sun, Part Shade |
|          | Coneflower, Purple                              | <i>Echinacea purpurea</i>            | 24-60"           | 18-24"           | Missouri native perennial commonly called purple coneflower that does well in average soils; will self-seed unless deadheaded. | But leave the seed heads on the plants, as many birds, especially goldfinches, love the seeds  |   |   |   | Full Sun, Part Shade |
|          | Coneflower, Tennessee                           | <i>Echinacea tennesseensis</i>       | 18-24"           | 12-18"           | Perennial easily grown in average, medium, well-drained soil in full sun to part shade.  | A daisy-like coneflower which features slightly upturned, rose-purple petals (ray flowers) and spiny, coppery center disks with a green tinge. | It is a U.S. native plant that is only known to exist naturally on certain glades near Nashville, Tennessee, and is on the Federal Endangered Species List. | Long summer bloom period from June until August.  | Must be grown in isolation from other species of Echinacea (several miles) in order to harvest seed that retains the genetic integrity of the endangered species. | Full Sun, Part Shade |
|          | Coneflower, Virgin                              | <i>Echinacea purpurea</i> 'Virgin'   | 18-24"           | 12-18"           | Perennial with compact white flowers on sturdy stems   | Long lasting last spring to late summer bloom  | Flowers have a mild sweet fragrance   |   |   | Full Sun, Part Shade |
| x        | Coneflower, Yellow                              | <i>Echinacea paradoxa</i>            | 24-36"           | 12-18"           | Missouri native perennial easily grown in average, medium, well-drained soil in full sun.                                      | Blooms from June to August   | Dead flower stems will remain erect well into the winter and, if flower heads are not removed, are often visited by goldfinches.                            |   |   | Full Sun, Part Shade |
|          | Coriander Vietnamese (Asian Mint)               | <i>Persicaria odorata</i>            | 6-18"            | 6-18"            | In St. Louis it is grown as an annual in moist soils   | Best in part shade, but tolerates full sun as long as ample soil moisture and good air circulation are present                                 | Leaves have a coriander-like smell and a spicy, pungent, hot peppery flavor   | Used in many Vietnamese dishes  |   | Part Sun, Part Shade |

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|          | Dianthus, Firewitch                      | <i>Dianthus 'Feuerhexe'</i>                      | 4-6"             | 6-12"            | Perennial that forms a dense mat of blue-green foliage                  | Firewitch produces numerous, scented, bright magenta flowers atop wiry stems  | This hybrid tolerates heat and humidity better than most species of Dianthus     | Blooms in spring ; remove spent flowers to promote continued bloom   |   | Full Sun             |
|          | Dill, Fernleaf                           | <i>Anethum graveolens</i>                        | 18-24"           | 12-15"           | Perennial   | Very easily self sows   | If growing for seeds then be diligent in harvesting the seeds before they spread | dill dies back in summer heat, but self-seeds easily for a fall crop |   | Full Sun             |
|          | Dwarf Curry plant                        | <i>Helichrysum litoreum syn.</i>                 | 18"              | 18"              | Tender perennial - will not survive winter temperatures                 | It is called the curry plant because its leaves have a strong scent of curry. However, it is not used in making curry powder! | A Mediterranean native, does not tolerate wet soil.                              |  |   | Full Sun             |
| x        | Eucalyptus, Lemon                        | <i>Corymbia citriodora</i>                       |                  |                  | Tender perennial - will not survive winter temperatures                 | Treat as an annual in St. Louis   | Medium moisture, well-drained soil   |  |   | Full Sun             |
|          | Eucalyptus, Silver Dollar                | <i>Eucalyptus cineria 'Silver Dollar'</i>        | 12-120"          | 12-48"           | Tender perennial - will not survive winter temperatures                 | Pruning is necessary  | It will not survive winter temperatures  | Has strong lemon scented foliage                                     |   | Full Sun             |
|          | Fennel, Bronze                           | <i>Foeniculum vulgare 'Purpureum'</i>            | 36-60"           | 24-36"           | Perennial   | Upright, branching habit noted for purple-bronze foliage and tiny yellow flowers  | Is a larval plant for certain swallowtail butterflies                            | Deer resistant   |   | Full Sun             |
|          | Geraniums, Scented Cornucopia collection | <i>Pelargonium</i> cultivars                     | varies           | varies           | Tender perennials   | Perfect for containers  | Grows very easily from cuttings  |  |   | Full Sun             |
|          | Germander, Wall                          | <i>Teucrium chamaedrys</i>                       | 9-12"            | 12-24"           | Perennial that is a shrubby broadleaf evergreen                         | Grown for its aromatic foliage and groundcover habit  | A sheltered location with wind protection for the winter is preferred            | Rabbit and deer resistant  | Makes a tidy edging, and can be trimmed to keep it full and bushy | Full Sun             |
|          | Globe Amaranth "Buddy Purple" in 6 packs | <i>Gomphrena globosa 'Buddy Purple'</i>          | 12-24"           | 6-12"            | Annual that is easily grown in average, well-drained soils in full sun. | Although mature plants exhibit good drought resistance, plants grow best with regular moisture throughout the growing season. | Extremely good heat tolerance. Excellent for containers                          | Blooms from June until frost.  | Flowers dry very well and hold their color when dried             | Full Sun             |
|          | Hops (Herb of the Year 2018)             | <i>Humulus lupulus</i>                           | 15-25'           | 3-6'             | Easy to grow twining perennial vine                                     | Fruits are harvested in fall and used to flavor beer  | Can be grown on a variety of support structures                                  |  |   | Full Sun, Part Shade |
|          | Hyssop, Anise                            | <i>Agastache foeniculum</i>                      | 24-36"           | 18-24"           | Rather tender perennial prefers good soil drainage to survive winter    | Sweetly scented coppery-orange to coral flowers   | Mint-scented leaves may be added fresh or dry to enhance your favorite tea       | Cut back flower stems in summer to promote continuous bloom          |   | Full Sun, Part Shade |
|          | Hyssop, Black Adder                      | <i>Agastache 'Black Adder'</i>                   | 24-36"           | 18-24"           | Upright, clump-forming giant hyssop                                     | Noted for its long blooming, smoky red-violet flowers   | Flowers are attractive to bees, hummingbirds and butterflies                     | Anise scented foliage  | Usually hardy to Zone 6, it may survive a mild winter here        | Full Sun, Part Shade |
|          | Hyssop, Firebird                         | <i>Agastache coccinea x rupestris 'Firebird'</i> | 24-36"           | 18-24"           | Tender perennial prefers good soil drainage to survive winter           | Sweetly scented coppery-orange to coral flowers   | Mint-scented leaves may be added fresh or dry to enhance your favorite tea       | Cut back flower stems in summer to promote continuous bloom          |   | Full Sun, Part Shade |
|          | Hyssop, Tutti Frutti (Hummingbird Mint)  | <i>Agastache barberi</i>                         | 24-36"           | 18-24"           | Tender perennial prefers good soil drainage to survive winter           | Spires of raspberry pink flowers attract goldfinches, hummingbirds and butterflies  | Mint-scented leaves  | Drought Tolerant   |   | Full Sun, Part Shade |
|          | Lady's Mantle                            | <i>Alchemilla mollis</i>                         | 12-18"           | 18-30"           | Perennial that has a mounded form                                       | Has small chartreuse flowers in loose clusters  | Water droplets stay on leaves  | Prefers a shady spot in the afternoon                                |   | Full Sun, Part Sun   |



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|          | Lamb's Ear 'Big Ears'             | <i>Stachys byzantina</i> 'Big Ears'            | 6-12"            | 24-36"           | This perennial is easily grown in average, dry to medium moisture in full sun.                | Appreciates some light afternoon shade in hot climates, but does well even without this protection.                   | Spreads by creeping stems that root as they go along the ground; can be somewhat aggressive in rich soils.                          | Makes a good ground cover.   | This cultivar rarely flowers, but has soft furry leaf texture thus giving it its common name. | Full Sun             |
| x        | Lavender, English, Ellagance Ice  | <i>Lavandula angustifolia</i>                  | 12-18"           | 18"              | Perennial   | Bright, icy-white flowers   | Well-drained soils are necessary. Tolerates drought   | Rabbit and deer resistant  |   | Full Sun             |
|          | Lavender, English, Hidcote Blue   | <i>Lavandula angustifolia</i> 'Hidcote Blue'   | 12-18"           | 12-20"           | Perennial   | prune regularly for dense foliage   | Well-drained soils are preferred and locate in sheltered location for winter  | Rabbit and deer resistant  |   | Full Sun, Part Shade |
|          | Lavender, English, Munstead       | <i>Lavandula angustifolia</i> 'Munstead'       | 12-18"           | 12-18"           | Perennial   | Commonly called English Lavender and is a mainstay in herb gardens  | Is a true lavender that is semi-woody and tolerates St. Louis winters with a little protection from winds                           | Rabbit and deer resistant  |   | Full Sun, Part Shade |
|          | Lavender, English, Twickel Purple | <i>Lavandula angustifolia</i> 'Twickel Purple' | 18-24"           | 18-30"           | Tender perennial grown in dry, well draining soils  | Compact plant with gray-green foliage and dense purple flowers  | Well-drained soils are necessary. Tolerates drought   | Rabbit and deer resistant  |   | Full Sun             |
|          | Lavender, Grosso                  | <i>Lavandula x intermedia</i> 'Grosso'         | 18-30"           | 24-30"           | Perennial   | A mounded, shrubby cultivar with very large and fragrant flowers  | Tolerates drought and air pollution   | Rabbit and deer resistant  |   | Full Sun             |
|          | Lavender, Provence                | <i>Lavandula x intermedia</i> 'Provence'       | 24"              | 24"              | Perennial   | Grown for its fragrance in borders, mass plantings and woodland gardens   | Deer resistant  | Rabbit and deer resistant  |   | Full Sun             |
|          | Lavender, Spanish, Bandera Purple | <i>Lavandula stoechas</i> 'Bandera Purple'     | 8-10"            | 10-12"           | Tender perennial grown in dry, well draining soils  | Dark purple flowers with purple flags on compact, fragrant silver-green foliage                                       | Use in mixed containers, borders  | Spanish lavenders are not winter-hardy in St. Louis                      | Compact plants are well-suited for containers   | Full Sun             |
|          | Lemon Balm                        | <i>Melissa officinalis</i>                     | 18-24"           | 18-24"           | Easy to grow perennial<br>Lemon balm does not spread by underground runners like mint.        | It will make a bigger clump in the garden each season and sprouts from seeds that develop from inconspicuous flowers. | To keep it from taking up too much of your garden, cut the plant back to a few inches tall several times during the growing season. | The scientific name Melissa comes from the Greek and means honey-bee.    | It refers to the fact that lemon balm is very attractive to bees.                             | Full Sun, Part Shade |
|          | Lemon Verbena                     | <i>Aloysia citriodora syn.</i>                 | 24-48"           | 24-48"           | Tender Perennial  | A very low maintenance plant with a delightful lemon aroma and flavor   | Bring this plant in for the winter, placing it in a sunny window. Re-plant outdoors at the end of May                               | Old leaves will drop off to make way for new growth                      | Wherever you cut, 3 new branches will form  | Full Sun             |
|          | Lemongrass                        | <i>Cymbopogon citratus</i>                     | 24-48"           | 24-36"           | Tender perennial will not survive a frost   | Used in Thai, Vietnamese, Laotian and Cambodian cooking   | Leaves emit lemony fragrance, but it rarely produces flowers  | Use a container, as roots grow deep and are hard to dig up after a frost |   | Full Sun             |
|          | Lion's Tail                       | <i>Leonotis leonuris</i>                       | 36-72"           | 18-36"           | Grown as an annual in St. Louis or tender perennial in container that is overwintered indoors | Blooms are a striking orange that resemble lions' ears  | Makes a distinctive container plant   |  |   | Full Sun             |
|          | Lovage                            | <i>Levisticum officinale</i>                   | 36-72"           | 24-36"           | Perennial   | Stems can be used as a vegetable  | Deer resistant  | Stems are hollow and can be used as straws                               |   | Full Sun, Part Shade |
|          | Marjoram, Sweet                   | <i>Origanum marjorana</i>                      | 12-24"           | 12-24"           | Tender Perennial  | Is a bushy plant with aromatic foliage and white to pale pink flowers in mid-summer                                   | Has a more delicate flavor than perennial Oregano   | Deer resistant   |   | Full Sun             |

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|          | Milkweed, (Butterfly Bush)    | <i>Asclepias tuberosa</i>                | 12–30"           | 12–18"           | Missouri native perennial                                       | Flowers attract butterflies   | Leaves are a food source for monarch larvae   | Unlike other milkweeds, this species does not have milky-sapped stems | Seed pods are used in dried arrangements                           | Full Sun             |
|          | Milkweed, Bloodflower         | <i>Agastache currrassavica</i>           |                  |                  | Annual easily grown in average, dry to medium moisture soils    | Flowers attract butterflies   | Leaves are a food source for monarch larvae   |   | Seed pods are used in dried arrangements                           | Full Sun             |
|          | Milkweed, Hello Yellow        | <i>Asclepias tuberosa</i> 'Hello Yellow' | 18–36"           | 12–24"           | Missouri native perennial that attracts many butterflies        | Features flat-topped clusters of bright yellow flowers  | Leaves are a food source for monarch larvae   | Unlike other milkweeds, this species does not have milky-sapped stems | Seed pods are used in dried arrangements                           | Full Sun             |
|          | Milkweed, Swamp               | <i>Asclepias incarnata</i>               | 48–60"           | 24–36"           | Missouri native perennial that likes damp soil                  | Features small, fragrant, pink to mauve flowers   | Flowers attract butterflies and other pollinators   |   |  | Full Sun             |
| x        | Milkweed, Whorled             | <i>Asclepius verticillata</i>            | 12–24"           | 12–24"           | Perennial easily grown in average, dry to medium moisture soils | Leaves are a food source for monarch larvae   | Blooms June-September   | Toxic in large quantities   | Small, fragrant white flowers                                      | Full Sun             |
|          | Mint Chocolate                | <i>Mentha x piperita</i> 'Chocolate'     | 12–24"           | 12–24"           | Perennial   | Makes an attractive groundcover with the scent and flavor of a chocolate–mint candy           | Like all mints, it can be invasive  | Deer and rabbit resistant   |  | Full Sun, Part Shade |
|          | Mint, KY Colonel Spearmint    | <i>Mentha spicata</i> 'Kentucky Colonel' | 12–24"           | 12–24"           | Perennial   | Spreads by rhizomes and can be invasive   | Leaves have a strong spearmint scent and taste  | Deer and rabbit resistant   | Spearmints are the most common mints used for culinary purposes    | Full Sun, Part Shade |
|          | Mint, Mojito                  | <i>Mentha villosa</i>                    | 18–24"           | 18–24"           | Perennial   | Scent and flavor are milder than typical spearmint  | Can become invasive   | Deer and rabbit resistant   |  | Full Sun, Part Shade |
|          | Mint, Orange                  | <i>Mentha aquatica</i> 'Citrate'         | 12–24"           | 12–24"           | Perennial   | Leaves have a minty orange fragrance  | Is a hybrid between Watermint and Spearmint   | Deer and rabbit resistant   | Use in teas and potpourris   | Full Sun, Part Shade |
|          | Mint, Peppermint              | <i>Mentha x piperita</i>                 | 12–24"           | 12–24"           | Perennial   | Prefers moist soil and is an aggressive plant which can be invasive                           | Can become invasive   |   |  | Full Sun, Part Shade |
|          | Nasturtium, 'Alaska Mix'      | <i>Tropeaolum majus</i> 'Alaska Mix'     | 8"               | 6–12"            | Annual that has a nice mounding habit                           | Suitable for garden edges, herb gardens, hanging baskets, and containers                      | The colorful flowers and speckled leaves make great additions to salads and as a garnish        | Prefers part shade in St. Louis in summer months                      |  | Full Sun, Part Shade |
|          | Nasturtium, 'Night and Day'   | <i>Tropeaolum majus</i> 'Night and Day'  | 12–30"           | 9-12"            | Annual that has a nice mounding habit                           | Suitable for garden edges, herb gardens, hanging baskets, and containers                      | Attractive mix of primrose and mahogany flowers make great additions to salads and as a garnish | Prefers part shade in St. Louis in summer months                      |  | Full Sun, Part Shade |
| x        | Oregano, Cuban (Mexican Mint) | <i>Plectranthus amboinicus</i>           | 12–24"           | 12–24"           | Tender perennial will not survive a frost                       | A succulent that is suitable for hanging baskets  | Pungent leaves  | Prefers hot, dry conditions   |  | Part Sun             |
|          | Oregano, Golden               | <i>Origanum vulgare</i> 'Aureum'         | 12–24"           | 12–24"           | Perennial   | Thrives in gritty, sandy loams  | Leaves have a milder flavor than those in the perennial Oregano group                           | Deer resistant  |  | Full Sun             |
|          | Oregano, Greek                | <i>Origanum vulgare ssp. hirtum</i>      | 6–8"             | 12–18"           | Perennial to Zone 6, so it might not survive a hard winter here | Very hardy and is an excellent ground cover   | Good heat and drought resistance  | Deer resistant  |  | Full Sun, Part Shade |
|          | Oregano, Hot & Spicy          | <i>Origanum vulgare</i> 'Hot and Spicy'  | 12-18"           | 18-24"           | Perennial grown in well draining soils                          | Leaves have intense, strong, spicy flavor that can be used in salsa and chili dishes          | Small, round, dark grey-green, evergreen  | Leaves have the most flavor before flowering                          |  | Full Sun             |
|          | Oregano, Italian              | <i>Origanum x majoricum</i>              | 12-24"           | 18-24"           | Perennial grown in well draining soils                          | Leaves are used fresh or dried to add zest to any Italian, Greek, or other Mediterranean dish | Leaves have the most flavor before flowering  | If you want to dry oregano, harvest before the plant flowers          | Oregano is one of few herbs that taste even better after drying it | Full Sun             |

Plant order by Common Name

| New 2019 | Common name                             | Scientific Name                          | height in inches | spread in inches | General description   | bullet1   | bullet2  | bullet3  | bullet4  | sun_shade            |
|----------|---|--|------------------|------------------|---|---|--|--|--|----------------------|
|          | Oregano, Kent Beauty                    | <i>Origanum 'Kent Beauty'</i>            | 6-10"            | 8-12"            | Tender Perennial, it will not survive St. Louis winters   | A hybrid ornamental grown for its attractive flowers and foliage in containers or as an edge plant        | Deer tolerant  | Trailing habit make it perfect for containers, and flowers hold their color after drying   | Try inter-planting with Sweet Alyssum for a lovely effect  | Full Sun             |
|          | Oregano, Zaatar (Syrian)                | <i>Origanum syriacum</i>                 | 9-15"            | 9-12"            | Tender Perennial, it will not survive St. Louis winters   | Also known as Syrian Oregano or Bible Hyssop  | Good heat and drought tolerance  | Cut back stems before flowers appear to encourage bushy growth   |  | Full Sun             |
|          | Parsley, Curly                          | <i>Petroselinum crispum crispum</i>      | 9-12"            | 9-12"            | Biennial. This plant comes up the second year, producing thick stems with bitter flowers that will self-seed. Not tasty at all! | Is a favorite of the black swallowtail caterpillar, while also being highly nutritious for humans as well |  |  |  | Full Sun, Part Shade |
|          | Parsley, Italian                        | <i>Petroselinum crispum neapolitanum</i> | 9-12"            | 9-12"            | Biennial. This plant comes up the second year, producing thick stems with bitter flowers that will self-seed if not dead-headed | Native to Europe and the Mediterranean  | This parsley has a stronger flavor than the curly variety and is most often called for in recipes    | High in several vitamins and minerals  |  | Full Sun, Part Shade |
|          | Patchouli                               | <i>Pogostemon heyneanus</i>              | 18-24"           | 24-36"           | Tender perennial  | Is an herb of the mint family native to tropical regions of Asia  | Thrives in hot weather, but not direct sunlight  | Works well in containers   | Has a very distinct scent  | Shade                |
|          | Pepper, Banana 6-packs of 6             | <i>Capsicum annuum</i>                   | 12-18"           | 18-24"           | Annual easily grown in moist, organically rich, and well-drained soils.   | Peppers like warm weather and do not want to have their roots disturbed                                   | Can tolerate some drought  | Mild, tangy taste  |  | Full Sun             |
| x        | Pepper, Black Hawk tray of 10, @2.40    | <i>Capsicum annuum 'Black Hawk'</i>      | 18-24"           | 18-24"           | Annual easily grown in moist, organically rich, and well-drained soils.   | Peppers love warm weather and do not like to have their roots disturbed.                                  | Can tolerate some drought and is good in containers.   | Black Pearl is a very decorative <i>ornamental</i> pepper; peppers start green, turn black, then red. Green foliage turns black with maturity. | Rated 30,000 on the Scoville heat scale (compared to a jalapeño at 3500-8000). Not for culinary use! | Full Sun             |
| x        | Pepper, Calico tray of 10, @2.40        | <i>Capsicum annuum 'Calico'</i>          | 12-18"           | 18-24"           | Annual easily grown in moist, organically rich and well-drained soils   | Grown for its black, purple, and white foliage  | Can tolerate some drought  | Fruits are edible, but can be extremely hot  | Rated 5,000 to 30,000 on the Scoville heat scale   | Full Sun             |
|          | Pepper, Cayenne, tray of 18@13.50       | <i>Capsicum annuum</i>                   | 18-24"           | 18-24"           | Annual easily grown in moist, organically rich, and well-drained soils.   | Peppers like warm weather and do not want to have their roots disturbed                                   | Can tolerate some drought  | Rated 30,000 to 50,000 on the Scoville heat scale  | Not for culinary use   | Full Sun             |
|          | Pepper, Chilly Chili, tray of 10, @2.40 | <i>Capsicum annuum 'Chilly Chili'</i>    | 24-36"           | 18-24"           | Peppers like warm weather and do not want to have their roots disturbed   | Can tolerate some drought. Rated 0-5000 on the Scoville heat scale  |  | Fairly mild pepper   |  | Full Sun             |
|          | Pepper, Jalapeno, tray of 18 @ 13.50    | <i>Capsicum annuum</i>                   | 24-36"           | 12-15"           | Annual easily grown in moist, organically rich, and well-drained soils.   | Peppers like warm weather and do not want to have their roots disturbed                                   | Can tolerate some drought  | Has a 3,500 to 8,000 rating on the Scoville heat scale   | Seeds have the most heat. Be careful not to touch your eyes after handling peppers                   | Full Sun             |
|          | Pepper, Masquerade tray of 10, @2.40    | <i>Capsicum annuum 'Masquerade'</i>      | 18-24"           | 18-24"           | Peppers love warm weather and do not like to have their roots disturbed.  | Can tolerate some drought.  | Rated 30,000 on the Scoville heat scale (compared to a jalapeño at 3500-8000). Not for culinary use! |  |  | Full Sun             |
| x        | Peppers, Medusa                         | <i>Capsicum annuum</i>                   | 8-12"            | 8-12"            | Peppers love warm weather and do not like to have their roots disturbed.  |   | Snake-like fruits that range from white to yellow, orange and bright red                             |  |  | Full Sun             |



Plant order by Common Name

| New 2019 | Common name                   | Scientific Name                            | height in inches | spread in inches | General description   | bullet1   | bullet2   | bullet3   | bullet4   | sun_shade   |
|----------|-------------------------------|--|------------------|------------------|---|---|---|---|---|---|
|          | Rosemary, Arp                 | <i>Rosemarinus officinalis</i> 'Arp'       | 36-72"           | 24-48"           | Tender perennial  | This is an upright cultivar noted for winter hardiness, but will not survive sustained temperatures in the teens or below | Deer and drought resistant  |   |   | Full Sun  |
|          | Rosemary, Barbecue            | <i>Rosemarinus officinalis</i> 'Barbeque'  | 48-72"           | 24-36"           | Tender perennial  | Strong, straight stems make perfect barbecue skewers. Soak before using on the grill                                      | Takes pruning well  | Deer resistant  |   | Full Sun  |
|          | Rosemary, Blue Rain           | <i>Rosemarinus officinalis</i> 'Blue Rain' | 60-72"           | 24-48"           | Tender perennial  | Trailing habit makes it perfect for containers  | A must in a Mediterranean garden  | Deer resistant  |   | Full Sun  |
|          | Sage, Berggarten              | <i>Salvia officinalis</i> 'Berggarten'     | 18-24"           | 18-24"           | Perennial   | A member of the mint family, but not invasive   | Deer resistant  | Tolerates some light shade, but best in full sun  | Wet soils can be fatal. Must have excellent drainage                                  | Full Sun  |
|          | Sage, Black & Blue (4.3" pot) | <i>Salvia guaranitica</i> 'Black and Blue' | 30-36"           | 30-48"           | Tender perennial  | Features deep cobalt blue flowers with black calyces  | If grown in too much shade, plants become elongated and tend to fall over   | Long mid-summer to early fall bloom period  |   | Full Sun, Part Shade                                  |
|          | Sage, Garden                  | <i>Salvia officinalis</i>                  | 24-30"           | 24-30"           | Perennial prefers average, dry to medium moisture, well-drained soil. | Tolerates very light shade, but best in full sun.   | Plants tend to sprawl, particularly when grown in less than full sun.   | Wet soils can be fatal.   |   | Full Sun  |
|          | Sage, Mexican Bush            | <i>Salvia leucantha</i>                    | 24-36"           | 24-36"           | Tender perennial  | Prefers full sun with regular moisture  | Grown as food for butterflies and hummingbirds  | This sage is noted for producing very attractive late summer to frost bloom of showy magenta flowers which appear in dense, arching terminal spikes that extend up to 10" above the foliage |   | Full Sun  |
|          | Sage, Pineapple               | <i>Salvia elegans</i>                      | 36-48"           | 24-36"           | Tender perennial  | Has bright scarlet flowers in late summer/autumn  | Flowers are attractive to hummingbirds and butterflies  | Pineapple sage is noted for the pineapple aroma and flavor of its foliage when crushed.   |   | Full Sun  |
|          | Sage, Tricolor                | <i>Salvia officinalis</i> 'Tricolor'       | 12-18"           | 12-18"           | Perennial not reliably winter hardy in St. Louis                      | Leaves are strongly aromatic and may be used fresh or dried   | Tricolor is primarily grown for its ornamental qualities (tricolor foliage) but can be used for culinary purposes as well |   | Leaves are strongly aromatic and may be used fresh or dried for cooking               | Full Sun  |
|          | Savory, Winter                | <i>Satureja montana</i>                    | 6-18"            | 18"              | Hardy perennial   | Grow in average, dry to medium moisture, well-drained soil.   | Trim back plants in early spring.   | Needs a protected location in St. Louis because it is not reliably winter hardy below 10 degrees F.   | Winter savory is a low-growing, woody-stemmed, somewhat shrubby, spreading perennial. | Full Sun  |
|          | Soloman's Seal                | <i>Polygonatum odoratum</i>                | 12-36"           | 12-18"           | Perennial   | Autumn foliage color is buttery yellow  | Flowers have a sweet, lily-like fragrance and bloom from late spring to early summer                                      | Flowers are followed by attractive pendulous blue-black berries in the fall   | Plant dislikes hot summer conditions  | Needs shade, preferring a cool sun-dappled shady area |
| x        | Sorrel, French                | <i>Rumex scutatus</i>                      | 6-12"            | 24-36"           | Perennial   | Tangy, strong lemony flavor   |   |   |   | Full Sun  |



Plant order by Common Name

| New 2019 | Common name                 | Scientific Name                            | height in inches | spread in inches | General description   | bullet1  | bullet2   | bullet3  | bullet4  | sun_shade          |
|----------|-----------------------------|--|------------------|------------------|---|--|---|--|--|--------------------|
|          | Sorrel, Garden (Green Leaf) | <i>Rumex acetosa</i>                       | 24"              | 15"              | Perennial   | Beautiful cool season crop   | Primarily grown as a culinary herb for its leaves which are used in cooking.  | Leaves have a tangy, acidic, sour-lemony flavor and are commonly used in salads, soups, omelets and sauces.        | Remove flowers immediately to promote new leaf growth  | Full sun           |
|          | Sorrel, Red Veined          | <i>Rumex sanguineus</i>                    | 12–18"           | 12–18"           | Perennial   | Blooms in June/July  | Not nearly as good as Green leaf sorrel for flavor  | Attractive ornamental foliage  |  | Full sun           |
|          | Spinach Red Malabar         | <i>Basella alba syn.</i>                   | 20–30'           | 4–6"             | A vining tropical plant, this will not tolerate frost               | Vigorous grower in the heat of summer and reseeds in mild winters  | Spinach-like flavor, but tolerates summer heat  | Leaves and stems are a good source of Vitamins A and C, calcium and iron   |  | Full Sun, Part Sun |
|          | Stevia                      | <i>Stevia rebaudiana</i>                   | 12–24"           | 12–24"           | Tender perennial  | The attraction to this plant is in the sweetness of the foliage, and leaves can be used as a sweetener.  | Add one cup warm water to 1/4 cup finely crushed dried leaves. Steep in an airtight container for 24 hours. Strain out the leaves. Use the syrup to sweeten beverages and sauces. | Harvest fresh leaves for use in teas. Leaves may be dried and saved in jars for future use.                        | Dried leaves are generally sweeter than fresh. Dried leaves may be ground up in a blender to make stevia powder. | Full Sun, Part Sun |
|          | Sweet Woodruff              | <i>Galium odoratum</i>                     | 6–12"            | 9–18"            | Perennial   | Plants emit the strong scent of freshly mown hay when foliage is crushed or cut. Leaves are sometimes used to flavor teas and cold fruit drinks. | Aromatic intensity increases when dried, thus dried leaves are popular for sachets and potpourris. Plants have been used commercially in perfumes.                                | Leaves are also used to make May wine, a punch made from white wine flavored with woodruff, oranges and pineapple. |  | Shade              |
|          | Tansy, Isla Gold            | <i>Tanacetum vulgare</i> 'Isla Gold'       | 12–24"           | 18–24"           | Perennial   | Plant foliage has been used as an insect repellent, particularly for ants.   | Flowers have been used in funeral shrouds and wreaths.  | This plant has a long history of use as a folk medicine, but can be extremely toxic if too much is ingested.       |  | Full Sun, Part Sun |
|          | Tarragon, French            | <i>Artemisia drancunculus</i> 'Sativa'     | 48"              | 24"              | Perennial   | Avoid wet soils. Appreciates a sheltered location. Cut plants to the ground in early spring.   | Dividing the clumps every 3-4 years will help keep plants robust.   | Noted for its pungent anise-like flavor and aroma  | The name means "Little Dragon"   | Full Sun           |
|          | Thyme, Elfin Creeping       | <i>Thymus praecox</i> 'Elfin'              | 6"               | 9"               | Perennial easily grown in average dry to medium, well-drained soils | Makes a good ground cover, but not commonly used for cooking   | Elfin has a miniature form featuring lavender-pink flowers and extremely tiny rounded gray-green leaves   |  |  | Full Sun           |
|          | Thyme, English              | <i>Thymus vulgaris</i>                     | 6–12"            | 6–12"            | Perennial easily grown in average dry to medium, well-drained soils | The fragrant foliage is round and tiny   |   |  |  | Full Sun           |
|          | Thyme, Foxley               | <i>Thymus pulegiodes</i> 'Foxley'          | 6–8"             | 10"              | Perennial easily grown in average dry to medium, well-drained soils | Has unusually broad, variegated leaves   |   |  |  | Full Sun           |
|          | Thyme, Golden Lemon         | <i>Thymus x citriodorus</i> 'Golden Lemon' | 4"               | 12"              | Perennial easily grown in average dry to medium, well-drained soils | It has dark glossy foliage with a lemon scent.   | Perennial that is often used as a groundcover   |  |  | Full Sun           |
|          | Thyme, Lime                 | <i>Thymus x citriodorus</i> 'Lime'         | 4-6"             | 6-12"            | Perennial easily grown in average dry to medium, well-drained soils | Culinary herb grown for its rich, lemon-scented leaves   | Used fresh or dried in salads, soups, stews, with meat or fish  | Leaves have most flavor before flowering   |  | Full Sun           |
| x        | Thyme, Red Chintz           | <i>Thymus serpyllum</i> 'Ceoccineus'       | 3-4"             | 3-12"            | Perennial easily grown in average dry to medium, well-drained soils | Best grown in loose, sandy, gritty or rocky, nutrient-poor soils with sharp drainage.  | Tolerates drought, dislikes moist to we soils where root rot may develop.   | Excellent in a rock garden or between paving stones.   | Makes a good ground cover, but not commonly used for cooking   | Full Sun           |

Plant order by Common Name

| New 2019 | Common name           | Scientific Name              | height in inches | spread in inches | General description  | bullet1  | bullet2   | bullet3  | bullet4   | sun_shade  |
|----------|-----------------------|------------------------------|------------------|------------------|--|--|---|--|---|--|
|          | Valerian              | <i>Valeriana officinalis</i> | 36-60"           | 24-48"           | Clumping perennial easily grown in medium to wet, well-drained soils | Leaves, stems, flowers, and roots are all scented                    | Plant should only be grown in a container as it has a tendency to spread by rhizomes and self seed  | Dig roots in fall or early spring and dry outdoors, because they release an unpleasant smell as they dry. Store in airtight container. | Dried valerian roots are sometimes used to make a bedtime tea that promotes sleep. They are also much loved by cats and dogs. | Full Sun, but can tolerate light afternoon shade |
|          | Wood Betony (Stachys) | <i>Stachys officinalis</i>   | 18-24"           | 18"              | Perennial  | Produces beautiful, tubular purple flowers that bloom in late spring | Appreciates some light afternoon shade in hot humid climates. Soils should be kept evenly moist, but established plants have some drought tolerance |  |   | Full Sun, Part Sun                               |