



SEEDS • SEEDS • SEEDS • SEEDS • SEEDS • SEEDS • SEEDS • SEEDS

# PERENNIAL SEEDS

Perennials continue to show the highest growth rate of any category in the plant business. The low cost of seed input allows you to make better margins.

## ACAENA

Zones 5-7  
A. microphylla  
55°, D, 14 days  
CROP TIME: PACK: 10 weeks,  
(green)

🌿 **Microphylla** 6491  
Wintergreen groundcover with bronze-green foliage and scarlet, burr-like flowers. For dry rock gardens and slopes. Height 2 1/2".

## ACANTHUS

Zones 5-9  
BEAR'S BREECH  
Acanthus mollis latifolia  
70°, 2 days; 40°, 21 days; 70°, 14 days  
Score seed with sandpaper then soak in water for 72 hours before sowing, cover after sowing.  
CROP TIME: PACK: 8 weeks, (green)

🌿 **Bear's Breech** 6503  
26 rose white or lilac spike in fall, usually second year.

## ACHILLEA

Zones 2-8  
YARROW  
Achillea species  
65° to 70°, L, 7 to 14 days  
CROP TIME: PACK: 8 weeks, green

🌿 **Cerise Queen** 6514  
Large flat heads on 36" stems;  
Color: rose and pink, Habit:  
mounded: Size 15-18"; Color:  
silvery

🌿 **Colorado** 6512  
Mixture of pastel shades. Height  
28".

### 🌿 GARDEN LEADER

🌿 **GARDEN LEADER SERIES**  
**Gold, rich yellow** 3006  
**Pearl, white** 0024  
**Red** 6518

Very uniform colors stay bright and dry exceptionally well. Flat headed flower 3" clusters. Flowers 1st year from December Sowing. Height: 24-30".

🌿 **Moonwalker** 9500  
Yellow flowers on first year plants, 30".

🌿 **Parker's, Cloth of Gold** 6510  
Achillea filipendulina. Flowers flat headed clusters, 6" across golden yellow. Mounded plant 24" with lacy foliage.

🌿 **Red Shades** 6044  
A. millefolium. Instant perennial flowers first season. Flat flower heads on plants 24 to 30" tall. Colors in shades of red.

🌿 **Summer Berries** 7291  
Achellia millefolium. Bold color mixture of intense red, scarlet, cerise, pink and yellow. Plant height 24".

🌿 **Summer Pastels** 6519  
Achellia millefolium F-2, AAS. Flat headed flower clusters 6" across; Colors: yellow, rose, salmon, pink, lilac, ivory, gold, coral. 24-30".

🌿 **The Pearl** 6520  
Achillea ptarmica. Semi-double pure white flower Height: 26 to 30".

🌿 **Tomentosa Aurea** 6481  
Silvery and wooly leaves grow on compact 6" mats. Flowers are golden yellow.

🌿 **Wooly Yarrow** 6521  
A. Tomentosa. Fernlike foliage grown in silvery mats. Golden yellow flowers born on 3" to 7" tall stalks. Long lived perennial, attractive in and out of bloom.

## ACONITUM

Zones 2-8  
MONK'S HOOD, WOLFBANE  
Aconitum species  
60°, 14 days, 30°, 40 days, 60° until germination  
CROP TIME: PACK: 20 weeks

🌿 **Latecrop** 6522  
Blue on 42" stems that bloom late summer from early spring sowing.

🌿 **Napellus** 6482  
This is the common species form. Dark blue on 48" stems that bloom late summer, July-August.

🌿 **Newry Blue** 6523  
A. napellus. A selection from the species with improved performance. 1-2" flowers on 2-8" racemes; Color: blue. Tall upright with lacy foliage.

## ADONIS

Zones 3-7  
PHEASANT'S EYE, FLOWER OF ADONIS  
Adonis vernalis  
35° for 1 week, 60° until germination  
CROP TIME: PACK: 12 weeks

# Perennial Seeds

🌿 **Adonis vernalis** 6535  
2" yellow daisy; Plant 9x12". Early spring blooming, dormant by summer.

## AETHIONEMA

Zones 3-6  
STONECRESS  
Aethionema grandiflorum  
56", L, 21 days  
CROP TIME: PACK: 16 weeks

🌿 **Persian Stonecress** 6492  
Pink phlox-like flower. Blooms 1st spring from winter sowing. Creeping habit; 10x14". Linear needle-like foliage, silver green.

## AGAPANTHUS

Zones 7-9  
LILY OF THE NILE  
Agapanthus praecox ssp. orientalis  
70", L, 21 days  
CROP TIME: PACK: 12 mos. to bloom

🌿 **Headborne** 6556  
Blue globe flower like large chives. Blooms summer second year. Plant size: 24 x 24"; Foliage: Dark green strap shaped leaves resemble daylily, evergreen in south.

🌿 **Snowwhite** 6048  
A. praecox. Dwarf selection with flower stalks to 36". Pure white in color, flowering in less than 12 months from seed. Ideal for pots and containers in the north, landscape in the deep south. Perennial in Zone 9.

## AGASTACHE

Zones 3-8  
GIANT HYSSOP  
Agastache scrophulariaefolia  
70", L, 10 days  
CROP TIME: PACK: 6 weeks (green)

🌿 **Apache Sunset** 6651  
A. rupestris. Deep orange flowers over gray-green foliage. Height, 28".

🌿 **Apricot Sprite** 6155  
Flowers first year on 26" plants with a sweet fragrance to the foliage.

## GARDEN LEADER

🌿 **GARDEN LEADER SERIES**

**Apricot** 6156  
**Blue** 0306  
**Blush** 0037  
**Lavender** 6157

Very unique 8 to 10" flower spikes bloom 1st year. Plants 38 x 24" light green foliage

🌿 **Golden Jubilee** 6646  
Uniform golden foliage with blue flowers, sensational!

🌿 **Honey** 6159  
Silvery green foliage when rubbed exudes an intoxicating anise seed fragrance. The flower spikes are numerous forming dense mauve conical heads with small Penstemon shaped lilac flowers.

🌿 **Lavender Haze** 6160  
A. neomexicana. Attractive dwarf plants 12-14", with a bushy habit and beautiful lavender blue flowers. Both the flowers and the foliage give off a delicate lavender scent. Zone 6.

## LICORICE SERIES

**Blue** 6631  
**White** 6632

Aromatic Licorice fragrant leaves, fast blooming, flowers 11 weeks from sowing on strong stems. Plant size: 38 x 30".

🌿 **Navajo Sunset** 6652  
A. aurantiaca. Abundant sprays of orange flowers on 26" plants of scented foliage.

🌿 **Pink Pop** 2157  
A. astromonta. Dwarf and free-branching. 12" plants with rose pink spikes.

## AGRIMONIA

Zones 6-8  
60", L, 19 days  
CROP TIME: PACK: 18 weeks

🌿 **Eupatoria** 6702  
Yellow flowers on spikes of 24". Blooms June through September second season.

## AGROSTEMA

See Annual Seed section

## AJUGA

Zones 3-8  
COMMON BUGLE  
Ajuga species  
68", L, 21 days  
CROP TIME: PACK: 28 weeks

🌿 **Reptans** 6558  
Deep blue violet short whorled spike 2nd year. Bronze green foliage, spreading rosette ground cover; 4 x 24".

## ALCHEMILLA

Zones 4-7  
LADY'S MANTLE  
70", L, 10-14 days  
Sow in January, Alchemilla will flower the following year  
CROP TIME: PACK: 14 weeks, (green)

## GARDEN LEADER

🌿 **Garden Leader Mollis** 0041

Clear bright yellow 1/4" in 4" clusters of large arching sprays, second season. Clumping mound of silvery grayish green foliage 22 x 20".

🌿 **Irish Silk** 6557  
A. mollis. A very free-flowering cultivar with clusters of yellow sprays on 15" plants.

🌿 **Lady's Mantle** 6534  
A. mollis  
Yellow sprays 1/8" in 3" clusters. Plants 15 x 18" gray-green clump.

🌿 **Thriller** 6559  
A. mollis  
Chartreuse yellow 1/8" flowers in 3" clusters. 20 x 20" gray-green clump.

## ALLIUM

Zones 4-7  
30", 14 days; 60", L, 14 days  
CROP TIME: PACK: 14 weeks

## GARDEN LEADER

🌿 **Premium Purple** 0042  
Blue flower globes atop broad-leaf grassy clumps.

## ALONSOA

Zones 7-9  
MASK FLOWER  
60-65", L, 11 days  
CROP TIME: PACK: 18 weeks

## GARDEN LEADER

🌿 **Garden Leader Salmon Beauty** 6163

Delicate salmon pink blooms smother low growing plants with deep green foliage.

🌿 **Scarlet** 6406  
Small flowers resemble Bacopa, similar to above but a darker red color.

## ALYSSOIDES

Zones 4-7  
BLADDERPOD  
Alyssoides utriculata  
40", 14 days; 60", 14 days  
CROP TIME: PACK: 9 weeks, (green)  
Attractive seed pods for dried flower use.

🌿 **Tinkerbelle** 0063  
Bright yellow 1/2" flowers on clustered stalks. Plant 16" x 12".

## ALYSSUM

Zones 3-9  
Aurinia saxatilis  
65°-70°, L, 21-36 days  
CROP TIME: PACK: 14 weeks

🌿 **Gold Dust** 6533  
Golden yellow, early spring, Garden plant size is 8 x 10".

🌿 **Luna** 6658  
A. montanum. Fleuroselect winner. Very dense foliage growth with abundance of citron yellow flower clusters.

🌿 **Montanum Ball of Gold** 6538  
The most hardy of perennial alyssum, a true alpine plant. Very compact, only 4" high. Silvery foliage covered with a solid veil of yellow blooms.

🌿 **Pebbles** 6164  
A. sinuatum. Low carpets of yellow flowering spring plants.

## ANACYCLUS

Zones 4-9  
MAT DAISY  
Anacyclus depressus  
62", 14 to 21 days  
CROP TIME: PACK: 14 weeks (green)

## GARDEN LEADER

🌿 **Mat Daisy** 6537  
Red buds and white 1 1/4" daisy-like flowers make a beautiful display 2nd year from seed. 4-6", low-growing mat

🌿 **Spring Carpet** 6563  
White daisy-like flower with red bracts and finely cut foliage. 8" plants bloom second year from seed.

## ANAPHALIS

Zones 3-9  
LIFE EVERLASTING  
Anaphalis margaritacea  
65°-70°, 10 to 15 days  
CROP TIME: PACK: 12 weeks

🌿 **Pearly Everlasting** 6539  
Flat heads of tiny blooms, forms 3/8" globes; white with yellow eyes; Season: July - September. Silver foliage 24" plant.

## ANCHUSA

Zones 3-7  
BUGLOSS  
Anchusa azurea, italica  
30", D, 7 days; 65", L, 21 days  
CROP TIME: CUT: 22 weeks

🌿 **Blue Angel** 6541  
1/2", deepest blue single blooms on stalked clusters. 24".

**☼ ☼ Dropmore 6540**  
1/2", mid blue single blooms on stalked clusters. 24".

## ANDROSACE

Zones 4 - 9  
55°, 14 to 21 days  
CROP TIME: PACK: 14 weeks

**☼ Stardust 6497**  
Perfect for pots and rock gardens. It resembles gypsophila on a stem with starburst delicate white flowers. As a cool weather, winter hardy crop it requires low temperatures for flowering.

## ANEMONE

Zones 4-8  
Anemone species  
62°, L, 14-21 days  
CROP TIME: PACK: 10 weeks

**☼ ANNABELLA SERIES**  
**Deep Rose 6470**  
**White 6471**

Attractive alpine spring flowering plant with large blooms in the second season.

**☼ Madonna 6472**  
A. sylvestris. Large white flowers in early spring. Plant height, 12".

**Pasque Flower 6542**  
A. pulsatilla. 3" single star shape, shades of purple or blue with yellow centers, early spring second year. 12" rosette clumping alpine plant.

**☼ Rose Beauty 7020**  
Single pink flowers on 48" stems. Blooms July-September.

## ANTENNARIA

Zones 2-8  
CAT'S-EAR, PUSSY TOES  
Antennaria dioica  
65°-70°, L, 14-21 days  
CROP TIME: PACK: 26 weeks. Slow growing seedlings, allow 18 weeks growing time till transplant.

**☼ Pussy Toes 6545**  
1/4" blooms, closed pink daisy form. 3" garden height. Spreading white hairy foliage.

## ANTHEMIS

Zones 4-9  
CAMOMILE  
Anthemis tinctoria  
65°-70°, L, 14-21 days  
CROP TIME: PACK: 14 weeks

**☼ ☼ Criss Cross 7021**  
Forms a mound of fragrant yellow flowers though out the summer. Blooms first season. Plant height 18".

**☼ ☼ Kelway's Golden Marguerite 6549**  
1" yellow daisy. Lacy, light green

dense clumps require yearly division .

**☼ ☼ St. John 6552**  
22" plants with bright orange blooms.

## AQUILEGIA

Zones 3-9  
COLUMBINE  
Aquilegia species  
40°, 14 days, 70°, 21-28 days  
CROP TIME: PACK: 12 weeks  
Grow on at 50 to 55°, full sun. Garden location may require partial shade.

**☼ ☼ BARLOW SERIES**  
**Blue 7022**  
**Black 7788**  
**Bordeaux 7023**  
**Christa, blue 7776**  
**Nora Barlow, red 7744**  
**Rose 7787**  
**White 6592**  
**Mix 7784**

Aquilegia vulgaris. Tricolor and multiflower blooms fully double, late spring second season . Height 24 - 36".

**☼ Blue Angel 6583**  
A. flabellata. Dwarf 6" plants with short spurs on each bloom.

**☼ Blue Caerulea 6579**  
Blue star-type. Blue outer petals with a white center. Bushy plants with bright color.

**☼ Chocolate Soldier 0265**  
A. viridifolia. Chocolate purple with long spurs blooms second season. Height 18".

## ☼ CLEMENTINE SERIES

**Blue 7254RS**  
**Dark Purple 7256RS**  
**Red 7261RS**  
**Rose 7269RS**  
**Salmon Rose 7277RS**  
**White 7281RS**  
**Mix 7258RS**

Spurless double flowers facing upwards, clematis like in appearance. Well branched 14" height. Sow in May or June for April blooming.

**☼ Crimson Star 6620**  
A. caerulea, carmine red with white corolla and very long spurs. Height: 28".

**☼ Double Pleat Blue & White 6577**

Double flower purple base with white margins second season from a June sowing. Height 18".

**☼ Dragonfly Mix 6585**  
Dwarf hybrids, full range of colors, rose, blue, yellow, pink crimson and white. Only attains a height of 16 inches.

## ☼ GARDEN LEADER

**☼ ☼ GARDEN LEADER DYNASTY SERIES**  
**Mid Blue/White 6576**  
**Red/Gold 6572**  
**Pink/White 6574**  
**Red/White 6573**  
**White 6570**  
**Yellow 6571**  
**Mix 6578**

F1. Extra large flowers and compact habit developed for perennial pot culture. Larger blooms with heavier texture than the Music Series. Extra long flower spurs and deep, full corollas; Size: uniformly large 3" flowers; Season: April. May for landscape use. Height 12-16 inches.

## ☼ GARDEN LEADER

**☼ GARDEN LEADER FAME SERIES**  
**Fame Blue & White 6596**  
**Fame Pink & White 6597**  
**Fame Mix 6600**

akitensis = flabellata. The most compact of Aquilegias can be finished in 3 1/2" pots. Flowers have short incurved spurs. Mix contains blue, rose, pink, and white. 6-8" height.

**☼ McKana's Giants 6590**  
Not a uniform mix but inexpensive. Large traditional columbine shape with a wide color range, some lack intensity. Height varies from 15 to 36", some plants will produce blind growth.

**☼ Mini-Star 6591**  
A. flabellata. Dwarf bright blue with white corolla bi-color. Plant height 6 inches. Use in pots. Best in rock gardens.

## ☼ MUSIC SERIES

**Blue & White 6612**  
**Pink & White 6614**  
**Red & Gold 6615**  
**Red & White 6608**  
**Yellow 6621**  
**Mix 6606**

Vigorous F-1 hybrid. Large, long spurred flowers have intense coloring on 18 inch plants.

## ☼ ORIGAMI SERIES

**Pink & White 6653**  
**Red & White 6654**  
**Rose & White 6655**  
**White 6656**  
**Yellow 6657**

F-1 first year blooming from October sowing. Uniform in size and response. Plant height 14-16".

**☼ ☼ SONGBIRD SERIES**  
**Nightingale, lav & white 6603**  
**Robin 6593**  
**Mix 6594**

First year blooming, F-1 hybrid, large flowers on 18" plants.

**☼ SPRING MAGIC SERIES**  
**Blue White 6622**  
**Pink & White 6633**  
**Rose & White 6634**  
**Rose & Ivory 6648**  
**White 6644**  
**Mix 6628**

First year flowering. 2" flowers on 14" plants

**☼ SWAN SERIES**  
**Blue & White 7802**  
**Red & White 7803**

First year flowering when grown at 50°F for 6 weeks. 2" flowers on 18" plants.

**☼ WINKY SERIES**  
**Blue & White 6567**  
**Dbl Dk Blue & White 7025**  
**Dbl Red & White 6555**  
**Dbl White & White 7026**  
**Purple & White 6553**  
**Red & White 6551**  
**Rose on Rose 6550**  
**Mix 6566**

First year blooming, F-1 hybrid. Well suited for both garden performance and as a blooming pot plant.

All colors have a ring of white between solid shades, late spring through early summer. Height varies among varieties from 12" to 16".

**☼ White Angel 7024**  
A. flabellata. Dwarf 6" plants with short spurs on each bloom.

## ARABIS

Zones 4-9  
ROCK CRESS  
Arabis alpina  
65° to 70°, L, 14 days  
CROP TIME: PACK: 12 weeks

**☼ Compinkie 6635**  
A. alpina. Deep rose, late spring bloom. Height 6" spreading.

**☼ Pinky 7034**  
A. caucasica. Clear pink , summer flowering 6" plants.

**☼ Rosea 6641**  
A. alpina .Rose and shades of pink, late spring.

**☼ Snowcap 6645**

# Perennial Seeds

A. alpina. White, 1 1/2", fragrant blooms in late spring. Height: 8" spreading.

☞ **Snowfix** **7293**

A. alpina. Spring flowering first yr. from sowing. White.

☞ **Spring Charm** **6650**

A. belpharophylla. Carmine red flowers form in rounded umbels in early spring. 8" spreading rosettes, native to central California high country.

## ARENARIA

Zones 4-9

MONTANA SANDWORT

*Arenaria montana*

55° to 65°, D, 15 to 20 days

CROP TIME: PACK: 12 weeks

☞ **Avalanche** **6671**

Uniform and compact, long flowering, makes excellent flowering pot plants.

FLOWER: Size: small 1/4" white flowers in clumps. Moss-like 4" ground cover.

☞ **Sandwort** **6670**

Small 1/4" white in clumps. Compact 4" mound.

## ARMERIA

Zones 3-8

THRIFT, SEA THRIFT

*Armeria* species

65° to 70°, L, 14 days

CROP TIME: PACK: 12 weeks

☞ **Alba white** **6689**

Plant height, 26". Sahin Select stock.

### NEW BALLERINA SERIES

**Red** **0117**  
**White** **0118**

A. pseudarmeria. Both are 2009 Fleuroselect Gold Medal Winners. Plants grow 6 to 8". Broad strap like foliage, flowers first year from seed.

### GARDEN LEADER

☞ **Garden Leader Z-Scape Armeria** **6685**

A. formosa. Extremely durable plant for perennial bedding and edging, as well as for fresh and dried arrangements. 1 1/2" shades of pastel red, pink and white. Evergreen rosettes of foliage 18-24".

### JOYSTICK SERIES

**Lilac** **6667**  
**Red** **6669**  
**White** **6668**  
**Mix** **6672**

*Pseudarmeria*, basal growth of evergreen foliage. Abundant flowering first year, dense clusters. Height: 16".

☞ **Lauchena** **6682**

Rounded bright rose flowers above dense, rounded mats of grassy foliage. Plants 6-8". Bloom in May of second season.

☞ **Ministick Rose** **6673**

A. maritima. Dwarf plants grow to grassy clumps of 8".

☞ **NEW Morning Star Deep Rose** **6122**

This first year flowering beauty offers versatile uses in the pot or garden. A compact habit of 6" and a multitude of rose pink flowers make this a strong spring selling item.

☞ **Ornament** **6687**

A. x hybrida. Terrific used as perennial edging plant. Ball-shaped flowers; white to deep rose. Height: 12".

☞ **Pink Lusitanica** **7039RS**

A. maritima. Clear pink blooms on 8" plants.

## ARTEMISIA

See Wormwood, Herb Seeds

## ARUNCUS

Zones 4-8

GOATSBARD

*Aruncus* species

55°-65°, 15-20 days

CROP TIME: PACK: 24 weeks

☞ **Dwarf Goatsbeard** **6694**

A. dioicus. Compact version of Goatsbeard, 32".

☞ **Noble Spirits** **6678**

A. aethusifolius. Compact 10" plants with fern-like foliage. White flower spikes adorn the mounded foliage. The display continues as the seed pods turn an attractive red color.

## ASCLEPIAS

Zones 4-9

Butterfly Weed, Silkweed

*Asclepias tuberosa*

34° 28 days, 70° 21-28 days

Crop Time: Pack: 12 weeks

☞ **Butterfly Weed** **6695**

A. tuberosa. Flowering plants attract Butterflies and Hummingbirds. Flowers in clusters of brilliant orange shades. Height 30".

### GARDEN LEADER

☞ **GARDEN LEADER SERIES**

**Rose** **0031**  
**Scarlet** **0039**  
**White** **0032**

A. incarnata. Upright clusters of 3/4" blooms 1st year midsummer. 22" height.

☞ **Milkmaid** **7041**

A. incarnata Creamy white blooms, 24" plants.

☞ **Red Butterfly** **7043**

Scarlet red buttons open to orange petal flowers, 26" plants.

☞ **SILKY SERIES**

**Deep Red** **7047**  
**Gold** **7051**

A. curassavica. Excellent cut-flower in 13 weeks from transplant. 28" height.

## ASTER

Zones 4-7

ALPINE DAISY, MICHAELMAS DAISY

*Aster* species

65°, L, 14-21 days

CROP TIME: PACK: 12 weeks

☞ **BEAUTY SERIES**

**Blue** **0110**  
**White** **0108**  
**Mix** **0111**

A. alpinus contains 12" plants that are great in borders for early summer bloom.

☞ **Benary's Trimix** **6708**

A. alpinus. Dwarf daisy mixture in pink, blue and white shades.

☞ **Blue Alpine Daisy Blue** **6705**

A. alpinus. Very hardy 8" plants with light blue 1 1/2" daisy flowers.

☞ **Composition Mix** **6012**

Benary's new improved formula mixture of perennial cutflower sorts. Blooms August through October. Bedding and cutflower use.

☞ **Fall Blooming Mix** **6712**

A. nova-angliae/A. nova-belgii. Fall-blooming mixture of New York and New England Asters. Height: 36".

### GARDEN LEADER

☞ **GARDEN LEADER SERIES**

**Amethyst, amellus** **0040**  
**Ruby, nova-angliae** **0026**

Most dependable hardy Asters in this class. Flowers cover plants in profusion in Fall months. Flower size: 1 1/2" fall, first year from spring sow. 10 x 14 inch plant. Grow in 6" pots to sell with fall mums.

☞ **September Ruby** **6715**

A. nova-angliae Spectacular ruby colored blooms cover 3-foot tall, well-branched plants. Fall blooming variety.

## ASTILBE

Zones 4-8

GARDEN SPIREA

*Astilbe x arendsii*

65° D, 50° N, 21-28 Days

CROP TIME: PACK: 14 weeks

*Astilbe* requires abundant soil moisture.

☞ **Bella Mix** **6725**

Large mixed color plumes, Height: 30-36".

☞ **Grande Mix** **6736**

Large flowered mix well suited for cutting. The stems are 28-30".

☞ **Showstar** **0269**

10 to 12" lacy fern-like spike in colors of cream, pink, rose, red. Late spring flowering.

## ASTRANTIA

Zone 5

MASTERWORT

*A. major*

78°, 7 days; 45°, 21 days

CROP TIME CUT: 20 weeks

☞ **Purple Shades** **6743**

30-inch stems. Foliage deeply toothed, mostly basal. Long lanceolate tracts, protrude beyond smaller flowers. Adapted to streamside plantings. Long life, rare cutflower.

## AUBRIETA

Zones 4-7

ROCK CRESS

*A. cultorum*

70°, 14-21 days

CROP TIME: PACK: 12 weeks

(green)

☞ **CASCADE SERIES**

**Blue** **7059**

**Purple** **7062**

**Red** **7067**

**Mix** **7061**

A. superbissima. Cascading plants are covered with small blooms throughout early summer.

*Hendersonii*, lilac 6755

☞ **Hendersonii, lilac** **6755**

☞ **Large Flowered Mix** **6750**

☞ **Leichtlinii, red** **6760**

☞ **Whitewell Gem, purple** **6765**

Hundreds of 3/4" flowers, Height: 3 to 6".

## BAPTISIA

Zones 4-9

Blue False Indigo

*Baptisia australis*

85°, 40 Days, Presoak seed for 24 hours

CROP TIME: PACK: 12 weeks, green

☞ **Australis** **6771**

Spectacular true blue flowers; plant thrives in ordinary soil; member of the Pea family. Lupine-like true indigo blue flowers born on 32" racemes, early summer. Height 60".

## BARBAREA

Zones 6  
WINTER CRESS  
Barbarea rupicola  
68-72°, D, 21 days  
CROP TIME: PACK: 28 weeks  
Sow seeds in July for May sales  
☞ **Sunnyola** 7070  
Clusters of primrose yellow flowers over mounds of waxy green foliage. Plant height 6", spread 8".

## BELAMCANDA

Zones 5-9  
BLACKBERRY LILY  
Belamcanda chinensis  
70°, 35-45 days  
CROP TIME: PACK: 9 weeks (green)  
☞ **Blackberry Lily** 7745  
1 1/2-2"; single, 6 segmented, yellow, some with red spots, Blooms July to frost. Height: 2-4', Iris-like sword shaped leaves

## BELLIS

Zones 3-9  
ENGLISH DAISY  
Bellis perennis  
68°-75° L, 21-26 days  
CROP TIME: PACK: 9 weeks  
Sells well with spring and fall Pansies.

### GARDEN LEADER

☞ **GARDEN LEADER SMILE SERIES**  
**Red** 6786  
**Rose** 6789  
**White** 6790  
**Mix** 6791

New larger flowers, bright colors, early and long-lasting blooms, compact plants and uniformity between the colors. We've worked especially hard at making our Smile Series uniform.

☞ **Habanara Mix** 6773  
Highly doubled ray flowers on 6" plants. Best suited to grow in packs and sell with Pansies.

☞ **Pomponette Mix** 6785  
Double 1" buttons cover the 6" plants.

☞ **SPEEDSTAR SERIES**  
**NEW Carmine** 6165PL  
**NEW Rose** 6166PL  
**NEW White** 6167PL

This new series offers beauty, vigor and increased uses for multiple seasons. Speedstar Series can be produced for both fall and spring sales. This versatility, along with a compact habit and leaf size makes it a wonderful selling companion to pansies for fall or spring. Pelleted Seeds.

☞ **Tasso Mix** 6762  
Globe pomponette type.

## BERGENIA

Zones 3-8  
SAXIFRAGA, MEGASEA  
Bergenia cordifolia  
72°, 12-21 days  
CROP TIME: PACK: 12 weeks (green)

☞ **Heartleaf Saxifraga** 6800  
1/2" clustered pink racemes on 9" stalks, early April.  
8" plant with broad foliage in tight rosettes, green turning to a bronze purple in autumn.

☞ **Red Beauty** 6803  
15" plants with beautiful red flowers and glossy foliage.

## BERKAYA

Zones 5-7  
Asteraceae purpurea  
65°, L, 17 days  
CROP TIME: PACK: 14 weeks

### GARDEN LEADER

☞ **Garden Leader Mauve Thistle** 6170  
Large mauve to white flowers are produced on strong spiky stems. Excellent 26" tall border plant with soft thistle points on the foliage.

☞ **Golden Spikes** 7294  
Large bright golden yellow flowers. First year flowering. Architectural plant. Final garden height 60cm/24in

☞ **Zulu Warrior** 6172  
24" with 2" silvery purple daisy shape flowers.

## BUDDLEIA

Zones 7  
Loganiaceae  
CROP TIME: PACK: 14 weeks  
Attracts butterflies

☞ **BUTTERFLY SERIES**  
**Violet** 7793  
**White** 7794  
**Mix** 7772

Elongated lilac shape flower, late summer from a spring sowing. Upright 72" deciduous bush.

## BUPHTHALMUM

Zones 3-8  
OX EYE  
B. salicifolium  
CROP TIME: PACK: 12 weeks

☞ **Sunwheel** 8047  
Star shaped yellow flowers 1st year June-July. Bushy plants 36" height.

## CALAMINTHA

Zones 3-7  
Calamantia grandiflora  
65°, L, 21 days  
CROP TIME: PACK: 14 weeks  
☞ **Elfin Purple** 7538  
Resembles miniature Penstemon. 1/2" blooms on 8 to 10" plants.

## CALCEOLARIA

Zones 5-8  
C. biflora  
58°, L, 14 days  
CROP TIME: PACK: 18 weeks  
☞ **Goldcap** 0625  
Deleicate yellow "pouches" bloom on 4 to 5" stems. Foliage in compact rosettes. Blooms in early spring through mid summer.

## CAMPANULA

Also see annual seed section  
Zones 3-8  
STAR FLOWER, BELLFLOWER  
Campanula species  
60° to 65°, L, 3 to 4 weeks  
Best to schedule this crop by sowing in November or December and finish in June. Performs better when grown in cool temperatures of 65° to 72°, but flowers during long days.

## C. CARPATICA

☞ **CLIPS SERIES**  
**Blue** 6826  
**Deep Blue** 6821  
**Light Blue** 6806  
**White** 6825

Large 2" bloom 18 weeks from seed. Longest flowering of the Campanulas. Height 8".

☞ **PEARL SERIES**  
**Deep Blue** 6823  
**Light Blue** 7296  
**White** 6824

6 to 8" plants are the earliest flowering if its type. Well suited for pots and mass perennial beds. Blooms first year from seed.

## C. COCHLEARIFOLIA

Clump forming basally clustered foliage. Stems to 12". Used in rock gardens.

☞ **ADVANCE SERIES**  
**Blue** 6841  
**White** 6843

Compact dense 5" clumps bearing small 3/8" bell flowers. Blooms in first season from a winter sowing.

## C. COLLIAN

Clump forming basally clustered foliage. Stems to 12". Used in rock gardens.

☞ **Collina Purple** 6840  
1 1/2" long, deep purple blooms on 1 sided raceme. Height, 8".

## C. ELATINES

Glaborous perennial spreading from a root crown.

☞ **Garganica** 6845  
Brilliant blue star-shaped upright flowers, on 4-inch very dwarf trailing plants. Rock garden use.

## C. GLOMERATA

Clustered Campanula, flowers on 1 to 3 ft. stems densely clustered.

☞ **Acaulis Amethyst** 6844  
☞ **Alba, white** 6857  
☞ **Superba, dk violet** 6858

Good cutflower quality. Height: Acaulis 10", Alba and Superba 24"

## C. ISOPHYLA

Star of Bethlehem, Falling Stars. Trailing type is suited for basket production. See annual Campanula seed section.

## C. LACTIFLORA

Leaves at base are broad and progressively get more narrow toward the top of tall flower stalks.

☞ **Lactiflora Mix** 6859  
Mixture of white, pink and blue flowers on branched spikes. A

### GARDEN LEADER

Banner denotes Garden Leaders which are the top garden performers.

✂ Scissors denote Strong stemmed plant that makes good cut flower

🏠 Basket denotes Trailing plant habit suitable for hanging baskets

🌱 Thermometer denotes Energy saving plant that can be grown in cool greenhouses

🪴 Pot/Container denotes Vegetative cutting type plant from seed

🌿 Foliage denotes Ornamental foliage plant

AAS All America Selections Winner

FLS Fleuroselect Winner

# Perennial Seeds

large flowered mix on 3-foot, full-size plants.

## C. MEDIUM

Canterbury Bells, biennial. Tall to 30" with rosette leaves to 10" long.

### ☞ CANTERBURY BELLS

<b>Blue</b>	<b>6805</b>
<b>Rose</b>	<b>6809</b>
<b>White</b>	<b>6812</b>
<b>Mix single</b>	<b>6811</b>

2" lobed end, bell, born on branched 24-30" branched sprays in second season.

## C. MEDIUM

### CALYCANTHEMA

Like Canterbury Bells but with an additional flat corolla surrounding the base of each flower, 30".

### ☞ Cup and Saucer

<b>Mix</b>	<b>6815</b>
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24 to 28" flower stalks with multiple blooms first season from an early winter sowing.

### ◀ GARDEN LEADER ▶

### ☞ Garden Leader

<b>Blue Trailing</b>	<b>6842</b>
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Upright, 30" stems with small blue bells.

<b>Garden Leader Pink</b>	<b>3003</b>
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Very large, impressive flowers. Biggest of any in this class. 3" light cupped edge bell, first season from winter sowing. Plant height: 12".

## C. PERSICIFOLIA

Peach Bells, Peach Leaf, Persian Bellflower. Oblong lanceolate leaves to 8" on tall 3 ft. stems.

☞ <b>Bella Dark Blue</b>	<b>0279</b>
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Dark blue bells, 28-30" plant.

<b>China Blue (Telham Beauty)</b>	<b>6829</b>
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Popular hardy perennial cutflower and border plant. Large blue bell-shaped blooms, 30-36" with glossy green foliage.

## C. POSCHARSKYANA

Vigorous spreader similar to Campanula elatines

☞ <b>Poscharskyana</b>	<b>6850</b>
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Violet to pale blue flowers on a trailing plant. Recommended for rock garden, 12-inch height.

## C. ROTUNDIFOLIA

Bluebell, Hare Bells, Common Campanula. Stolon producing mat gives rise to 10-14" stalks.

☞ <b>Olympica</b>	<b>6855</b>
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Exceptional large deep lavender flowers, blooms July to October on dwarf 12-inch plants. Rockeries and border use.

## C. TAKESIMANA

Clump forming basally clustered foliage. Stems to 12". Used in rock gardens.

☞ <b>Bellringers</b>	<b>7071</b>
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Mix of petite blue and white flowering plants.

☞ <b>Takesimana</b>	<b>6807</b>
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Korean Bellflower. Large white pendulous flowers with red spots born on strong 24" stems.

## C. URTICIFOLIUM

Clump forming basally clustered foliage. Tall erect stems.

☞ <b>Urticifolium</b>	<b>6813</b>
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Nettle-leaf Bellflower. Erect 34" stems support abundant outward-facing lilac bells.

## CANDYTUFT

See Iberis

## CANNA

Zones 8-10  
HYBRID GARDEN CANNA  
Canna x generalis  
76°, D, 10 to 21 days  
CROP TIME: POT: 9 weeks, green

## TROPICAL SERIES

<b>Red</b>	<b>6868</b>
<b>Rose</b>	<b>6869</b>
<b>Salmon</b>	<b>6873</b>
<b>White</b>	<b>7301</b>
<b>Yellow</b>	<b>6871</b>

AAS winner, dwarf F-1, finish in 6" pots. Does best in wet locations. Exotic flower resembles double hibiscus, 3 to 4" in clusters. Very compact and neat appearance 24-30". Not hardy north of zone 8 but makes an excellent annual flowering plant.

## CARNATION

Zones 4-8  
CARNATION, DIVINE FLOWER  
Dianthus caryophyllus  
70°, 7-10 days  
CROP TIME: PACK: 12 weeks

☞ <b>Fenbow Nutmeg Clove</b>	<b>6886</b>
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Entrancing sweet clove scent will be guaranteed to attract attention. The blue green foliage, abundant, 30", flower stems and crimson-maroon semi-double flowers are very appealing. Blooms in second season.

### ☞ GRENADIN SERIES

<b>Black King, dark red</b>	<b>6870</b>
<b>Cardinal, bright red</b>	<b>6872</b>
<b>Snow White, white</b>	<b>6876</b>
<b>Triumph, rose</b>	<b>6878</b>
<b>Mix</b>	<b>6880</b>

A mid-summer sowing will yield 2"; double flowers the spring of the following year. Height: 20".

## CATANANCHE

Zones 4-7  
CUPID'S DART  
Catnanche caerulea  
68°, 14 days  
CROP TIME: PACK: 12 weeks

## ARMOR SERIES

<b>Blue</b>	<b>7076</b>
<b>White</b>	<b>6929</b>

1 1/2" semi double daisy w/dark center. Height: 24".

☞ <b>Armor White</b>	<b>6929</b>
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1 1/2" semi double white daisy w/dark center. Height: 24".

☞ <b>Cupid's Dart</b>	<b>6900</b>
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1 1/2" double lilac blue daisy in bunches. Height: 24".

## CENTAUREA

Zones 3-8  
Bachelor button  
Centaurea species  
62°, D, 14 days  
CROP TIME PACK: 12 weeks

☞ <b>Dealbata</b>	<b>6905</b>
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Rose pink. 32" gray green finely cut foliage.

### ◀ GARDEN LEADER ▶

☞ <b>Garden Leader Lemon</b>	<b>0231</b>
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C. suaveolens. 1 1/2" yellow bloom, 20" stem.

☞ <b>Macrocephala</b>	<b>6910</b>
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Yellow cornflower for fresh cut flowers or drying, 42".

☞ <b>Mountain Blue</b>	<b>6914</b>
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C. montana. Blue cornflower shape. Spring blooming, 24".

## CENTRANTHUS

Zones 3-9  
JUPITER'S BEARD  
Centranthus ruber  
60°, 14-21 days  
CROP TIME: PACK: 21 weeks

☞ <b>Red Valerian</b>	<b>6915</b>
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☞ <b>White Valerian</b>	<b>6916</b>
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1/2" with fragrance in dense clusters along 24" stem.

## CERASTIUM

Zones 2-7  
SNOW-IN-SUMMER  
Cerastium tomentosum  
62°, L, 7-14 days  
CROP TIME: PACK: 9 weeks

☞ <b>Snow-in-the-Summer</b>	<b>6922</b>
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1/2" white flowers on compact 6"

prostrate plants with woolly foliage.

## CHAENORRHINUM

Zones 7-9  
TRAILING SNAPDRAGON  
C. organifolium  
65°, L, 21 days  
CROP TIME: PACK: 18 weeks

☞ <b>Summer Skies</b>	<b>7798</b>
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Masses of mid-blue flowers with white eye. 10" mounded plants flower the first season, 150 days from a winter sowing.

## CHEIRIANTHUS (ERYSIMUM)

See annual seeds

## CHELONE

Zones 3-8  
TURTLE HEADS  
Chelone obliqua  
68°, L, 14 days  
CROP TIME: PACK: 14 weeks

☞ <b>Obliqua</b>	<b>8230</b>
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36" dense spikes 1" of inflated rosy pink tubes in late summer.

## CHIASTOPHYLLUM

Zones 3-8  
C. oppositifolium  
68°, L, 14 days  
CROP TIME: PACK: 14 weeks

☞ <b>Solar Yellow</b>	<b>6105</b>
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Intense flush of yellow flowers with hooded stamens born on drooping racemes in Spring with attractive foliage. Flower height is 8 to 10 inches. Foliage is succulent and resembles sedum.

## CHRYSANTHEMUM, LEUCANTHEMUM

Also See Annual Chrysanthemum Seed  
FIELD DAISY  
Chrysanthemum leucanthemum  
70°, L, 14-21 days  
CROP TIME: PACK: 12 weeks

☞ <b>Silver Spoons</b>	<b>6924</b>
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2" daisy white with yellow center on 48" stems

☞ <b>White Knight</b>	<b>6936</b>
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Large white daisy flowers on strong 28" stems.

## CHRYSANTHEMUM, MAXIMUM

SHASTA DAISY  
C. x supurbum  
70°, L, 14-21 days  
CROP TIME: PACK: 11 weeks, green  
Flowering response differs with each variety. Generally, fall

blooms can be achieved from a mid winter sowing. Most varieties will give their best show the second year. Winter hardiness is not reliable above Zone 5 and are most often treated as biennials in Northern areas.

🌿 🌱 **Alaska** 6935  
3" single white daisy, 32" stems.

🌿 🌱 **Crazy Daisy** 6927  
Ruffled flowers. 6" semi-double to double white daisy on 28-30" stems.

🌿 🌱 **Exhibition** 6940  
6" semi-double to double white daisy on 28-30" stems. Often sold as Diener's or G. Marconi, which are similar in habit and flower form but vegetatively propagated.

🌿 🌱 **Field-of-Daisies** 6937  
2" semi-double white daisy on 28-30" stems. Finish in gallon pots for an economical and fast selling spring perennial.

## ◀ GARDEN LEADER ▶

🌿 🌱 **Garden Leader Lady's Daisy** 6947

Outstanding specimen. Enormous blooms on large sturdy plants with many basal branches. Large 6-7" single white daisy blooms on stems of 40-48".

🌿 🌱 **Silver Princess** 6955  
2 1/2" single white daisy, dwarf habit 12-15".

🌿 🌱 **Snow Lady** 6954  
AAS winner, F-1 hybrid. The most dependably hardy Shasta from seed. 3-3 1/2" single white daisy on extremely dwarf, 8" plants.

## CHRYSANTHEMUM, MORIFOLIUM

GARDEN MUM  
Chrysanthemum morifolium  
70°, L, 14-21 days  
CROP TIME: PACK: 12 weeks

🌿 **Autumn Glory** 6925  
Wide variety of flower forms and colors. Plants 10 x 20".

**Fashion Mix** 6941  
A mix of favorite colors and forms of the traditional garden mum.

## CIMICIFUGA

Zones 5-9  
SNAKEROOT  
68°, L, 21 days  
CROP TIME: PACK: 18 weeks

🌿 **Racemosa** 8241  
Prized summer bloomer and tolerant of summer drought once established. Blooms are unpleasantly scented. Flower is

a creamy white, nodding and curled raceme. Garden height 60".

## CISANTHE

Zones 3-7  
Cisanthe grandiflora  
68°, L, 14 days  
CROP TIME: PACK: 9 weeks

🌿 **Brightness** 7764  
1/2" pink blooms first year from March sowing. Height: 28".

## CLEMATIS

Ranunculaceae family  
Zones 5-9  
Clematis hybrida  
68°, L, 21 days  
CROP TIME: POT: 12 weeks

🌿 **Helios** 7046  
2" x 2" lantern like yellow blooms with ornamental seed head flowers May to October. Climbing vine to 108".

## CODONOPSIS

Zones 5-8  
60°, L, 11 days  
CROP TIME: PACK: 15 weeks

🌿 **Clematidea** 6450  
Pale blue bell shaped flowers on 10" stems.

## COMMELINA

Zones 4-8  
MEXICAN DAYFLOWER  
Commelina dianthifolia  
70°, 14-21 days  
CROP TIME: PACK: 8 weeks, green

🌿 **Electric Blue** 7766  
Flat 3 petaled flowers open in the morning and close in the afternoon, gentian blue in color. Blooms first season July through frost from a March sowing. Compact ground cover spreads to 14", height 12".

🌿 **Sleeping Beauty** 7079  
Flat 3 petaled blue flowers open during the day and close in late afternoon. Blooms first season July through frost from a March sowing. Compact ground cover spreads to 14", height 12".

## COREOPSIS

Also See Annual Coreopsis Seed  
Zones 3-9  
TICKSEED  
Coreopsis species  
68°, L, 21 days; lower temperature to 68° at night for maximum germination.  
CROP TIME: PACK: 10 weeks

🌿 **Baby Sun** 6960  
Grandiflora biennial. Neat mounded habit with large single daisy yellow blooms with brown centers. Height 16".

🌿 **Domino** 5091  
Grandiflora biennial. 18" variety. Flowers are yellow with black center.

🌿 **Early Sunrise** 6961  
Grandiflora biennial. Blooms like an annual in the pack yet performs like a perennial in the garden. 2", double, bright golden-yellow June till frost first season. Plant height 17".

🌿 **Heliot** 6146  
Grandiflora biennial. Offers a long flowering period, July through September. Vivid 2-3" golden yellow flowers display a center crimson ring. Garden height: 24". Blooms later than Early Sunrise.

🌿 **Presto** 7999  
First year flowering award winner. Compact mounds of 10" flower 90 days from seedling emergence. Prefers cool temperatures.

🌿 **Rising Sun** 6883  
Flowers up to one week earlier than Early Sunrise. Plant height 20-36". Flower 1/2". Double yellow flower with red fleck in the center of each petal.

🌿 **Sunburst** 6957  
2", double golden yellow flowers on 24" plants, 2nd year.

🌿 **Sunfire** 6147  
Single flower form counterpart to Rising Sun. Large yellow blooms with burgundy center. Naturally compact garden height of 20" the first season then 36" at full maturity the following season. North American native species is well adapted within hardiness zones 4 to 9.

🌿 **Sunray** 6962  
Grandiflora biennial popular and widely grown. 3" double golden yellow flowers on 12" plants in second season.

🌿 **Z-Scape** 6953  
The best perennial Coreopsis for naturalizing or for large mass plantings. Very drought tolerant. Garden height is 26 to 28". Bearing yellow-gold daisies in the

first season them blooming with profusion in the following season. Sell multi-plant gallon pots in late spring that have been planted up the previous summer.

## CORONILLA

Zones 3-9  
CROWN VETCH  
Coronilla varia  
62°, L, 21 days

🌿 **Varia** 6968  
1/2" pinkish white blooms in clusters. Spreading, very invasive, use with caution. Its use may be restricted in some areas because of its aggressive behavior.

## CORYDALIS

Zones 3-8  
GOLDEN BLEEDING HEART  
Corydalis lutea  
30", 14 days, L, 62°, 21 days

🌿 **Lutea** 6969  
3/4" pendulous yellow flowers in clusters spring of 2nd year. 12" blue fern-like foliage.

## CORYNEPHORUS

Seed Perennial Ornamental Grass  
Seed

## CRAMBE

Zones 6-8  
COLEWORT, GREATER SEA KALE  
Crambe cordifolia  
68°, 14 days  
Freeze Moistened Seed 25°, 2 Weeks  
CROP TIME: PACK: 12 weeks

🌿 🌱 **Cordifolia** 6952  
Large leaves, scented flowers, massive plant, perennial. 1" double in broad open clusters 5 to 6" across midsummer second year. 68" sprawling plant with large glossy deep green foliage. Dried flower filler, fresh cuts.

## CRAPE MYRTLE

Zones 7-10  
CRAPE MYRTLETTE  
Lagerstroemia indica  
72°, 20 days



# Perennial Seeds

CROP TIME: POT: 16 weeks  
Use a double transplant method. Plant first into 2 1/2" pots then finish in shallow containers. Soil should be loose in structure with high amount of peat moss. Buds form when night temperatures are above 70°.

## ☛ Little Chief Mix 1147

Small clusters of ruffled craped blooms in profusion-covering foliage. Feb. sowing produces finished 4 1/2 pots in July. Height: 10".

## CRASPEDIA

Zones 6-9  
DRUMSTICK FLOWER  
Craspedia globosa  
70°-75°, 3-6 days  
CROP TIME: PACK: 10 weeks green  
Flowers second season from spring or summer sowing.

## ☛ Billy Buttons 7080

Flowers are 1" yellow globes on long stems. Foliage is grass-like and gray-green. Plants are freely self seeding.

## ☛ Drumstick 6964

2" bright yellow gold heads on 24 inch sticks.

## CROWN VETCH

See Coronilla

## CYCLAMEN

Hybrids see Annual Seed section  
Zones 4-7  
60°, D, 21 days  
CROP TIME: PACK 22 weeks  
Very hardy and beautiful rock garden alpine perennials. A must for the serious perennial grower.

## GARDEN LEADER

### ☛ Garden Leader Premium Mix 1026

Very hardy woodland perennials. We've selected these cultivars to be the best perennial cyclamen available. Arched stem with upturned petals, mix contains many shades. Blooms late spring through early summer from an August sowing. Plant height 6" with silver markings on the foliage.

## CYMBALARIA

Zone 5  
KENILWORTH IVY  
Linaria cymbalaria  
60°, L, 14-21 days  
CROP TIME: PACK: 12 weeks  
Culture requires generous nitrogen. Member of the snapdragon family.

## ☛ Muralis 2553

Stems grow toward the light, then

turn away from the light allowing the mature seed capsules to disperse seeds into the cracks and crevices of stone walls and rocky slopes. This habit makes a very unusual looking hanging basket. Three lobed beard with a two lobed upper palate, of mixed color, tricolor, white, yellow and purple; Size: 1/2". Blooms May through September. Creeping habit with many branched ivy like stems.

## DELOSPERMA

Zones 3-9  
ICE PLANT  
Delosperma ecklonis  
62°, L, 21 days

### Stardust 6049

D. floribunda. Instant perennial flowering in the first season, hardy to Zone 6. Cushion-forming succulent foliage. Masses of lilac-purple flowers with white centers. Requires dry sandy soil. Garden height 6", spread 12".

### Table Mountain 6052

D. cooperii. Instant perennial flowering in the first season, hardy to Zone 6. Cushion-forming succulent foliage. Masses of vibrant purple-red flowers. Requires dry sandy soil. Garden height 6", spread 12".

## DELPHINIUM

Zones 3-7  
LARKSPUR  
Delphinium x cultorum  
35°, D, 7 days; 70°, 21-28 days  
CROP TIME:PACK: 13 weeks, green  
Chill premoistened seed at 35° for 7 days. Sow with a light covering of soil at temperature of 72°. When seedlings are established lower temperature to 50°.

Our new Garden Leader Dwarf Banner Series fits perfectly into the bedding plant program by virtue of its compact habit and early flowering. Cutflower production of Delphiniums, Pennants and Pacific Giants is increasing.

## DELPHINIUM, DWARF

### ☛ Blue Mirror 6994

Upward facing spurless flowers. Vibrant mid blue flowers on 10" plants.

### ☛ Blue Pygmy 6996

Upward facing spurless flowers. Clear mid blue flowers on 12" plants with open sprays.

## ☛ BUTTERFLY SERIES

### Blue 6958

### Mix 6980

D.chinensis. single blooms on 12" to 15" stem. Well branched plants which are also heat tolerant. Hardy in only mild climates.

## Delfix 6054

D. grandiflorum. Bred to be the earliest flowering in this class of Delphiniums. Blue flowers. Garden height 12-15".

## GARDEN LEADER

### ☛ GARDEN LEADER BANNER SERIES

#### Royal Blue 6977

#### Sky Blue 6976

#### Mix 6978

Chinensis. Flowers first season in pots and packs. Compact dwarf habit that stands up to summer's heat. Sell these in bloom for fast turnover. Dwarf plants 8-10"; Spread: 12".

### ☛ Sky Lights Mix 7081

D. tatsienense. 12" plants bloom first year, 10 weeks from transplant. Large, spurred flowers in a balanced mix.

### ☛ Summer Nights 7389

Grandiflorum. Deep-blue, single blooms on 12" to 15" well branched mounds. Improved heat tolerance and earliness. Hardy in zone 4.

### ☛ Summer Blues 7390

Grandiflorum. AAS winner Sky-blue, single blooms on 12" to 15" well branched mounds. Improved heat tolerance and earliness. Hardy in zone 4.

## DELPHINIUM, MID SIZE

### ☛ AURORA SERIES

#### Deep Blue 6154

#### Lavender 6884

Large flower spikes on compact plants, growing to 30" to 36".

### ☛ Belladonna 6965

This Clivedon beauty has sky blue, extra large, single blooms on strong 36" to 42" stems.

### ☛ Bellamosum 6970

This variety better treated as an annual has large, single, dark blue flowers on 36" to 42" stems.

### ☛ BEVERLY HILLS SERIES

#### Salmon 6973

#### Scarlet 6974

#### Yellow 6979

D. cardinalis. 2" spurred flower spikes, 16 weeks to bloom on 22" stems.

### ☛ CENTURION SERIES

#### NEW Gentian Blue Dk Bee 6340

#### NEW Pink Wt Bee 6342

#### NEW Sky Blue Wt Bee 7045

#### Rose 7329

#### NEW Mix 6341

F-1 Large, full flower spikes first year from an early sowing. Self supporting 28 to 36" stems.

### ☛ Connecticut Yankee Mix 6995

AAS Winner, D.elatum. Height: 36". Spread: 20"

## GARDEN LEADER

### ☛ GARDEN LEADER PENNANT SERIES

#### Dark Blue/White Bee 7031

#### Dark Blue/Dark Bee 7032

#### Lavender/White Bee 7033

#### Mid Blue/White Bee 6137

#### Pink/White Bee 7010

#### Sky Blue/White Bee 7035

#### White/Dark Bee 7038

#### White/White Bee 7036

#### Bright Bee Mix 7044

#### Mix 7030

Large, full flower spikes first year from an early sowing. Self supporting 28 to 36" stems. Best series to grow for smaller gardens, containers and windy areas.

### ☛ MAGIC FOUNTAIN SERIES

#### Cherry Blossom 7019

#### Dark Blue w/Dark Bee 7016

#### Dark Blue w/White Bee 7017

#### Lavender w/White Bee 7027

#### Lilac Pink w/White Bee 7028

#### Mid Blue/White Bee 6138

#### Sky Blue w/White Bee 6992

#### Pure White 7029

#### White w/Dark Bee 6998

#### Mix 6967

A dwarf version of Pacific Giant Series on compact plants, growing to 30" to 36". Most colors will flower first season.

### ☛ Redcap 6885

D. nudicaule. Red flowers on open 18" sprays.

## DELPHINIUM, TALL

### ☛ PACIFIC GIANT

#### Astolat, rose-lilac 7000

#### Black Knight, blue, dk bee 7001

#### Blue Bird, blue, white bee 7002

#### Blue Jay, mid-blue, dk bee 7003

#### Cameliard, lilac, wt bee 7011

#### Galahad, white 7004

#### Guinevere, lav, wt bee 7005

**King Arthur, vio, wt bee 7006**  
**NEW Percival, wht dk stamen 7337**  
**Summer Skies, lt/bl, wt bee 7007**  
**Round Table Mix 7008**

3" blooms surround thick stems. Height: Up to 48" requires staking in the landscape. Suitable flower. Not dependably flowering in first season.

## DIANTHUS

Also see annual seed  
 Zones 4-8

A diverse genus with over 200 cultivated species. Our perennial offering suggests the varieties best suited for commercial production and reliable garden performance.

### D. ALPINUS

Alpine Pink late flowering species, sprawling habit.

🌸 **Alwoodii 6999**

Full color range, short stemmed rounded flowers. Requires exacting conditions to flourish.

### D. AMURENSIS

Late flowering species, sprawling habit

🌸 **Siberian Blues 0377**

15 inches reddish blue color.

### D. ARENARIUS

Low growing species, very fragrant

🌸 **Arenarius 7065**

Fragrant, small, white fringed flowers on 9" plant.

### D. BARBATUS

Sweet William best grown as a biennial. Sow it in midsummer for spring pack sales in bloom. Also find more D. barbatus in our annual seed section.

🌸 **Bouquet Purple 5634**

Interspecific cross, blooms all season long. Slightly fragrant. Heat tolerant. Single lavender blooms born on well branched "wispy" informal looking stems; Color;; Season: 12 weeks from February sowing. Height: 22".

🌸 **Indian Carpet Mix 7049**

Dwarf 6-8" plants with single flowers in tight clusters, bright colors. Blooms first season.

🌸 **KING WILLIAM SERIES**

**Red Baron 1225**

**Scarlet Prince 1223**

**Sir Salmon 1222**

**Snoopy & Red Baron 1226**

**White Queen 1224**

**Royal Court Mix 1227**

Tall Sweet William. Excellent field grown commercial cutflowers, biennial that may flower first year from an early sowing. A very economical replacement for the Holliandia Series of tissue cultured commercial cut flowers. 1 1/2-2", single blooms with long vase life. Some flower show in first season, complete bloom second year from seed. Height: 18 - 24".

🌸 **NOVERNA SERIES**

**Clown 7091**

**Coral 7094**

**Crimson 7104**

**Pink 7117**

**Salmon Eye 7121**

**Violet 7122**

**White 7123**

**Mix 7110**

No vernalization required to flower. Blooms 11 weeks from transplanting. Plant height 18".

🌸 **Pinocchio 7040**

Double dwarf mix. Early flowering 8" high mixture with 70% double blooms. A double flowered version of Indian Carpet.

🌸 **Roundabout 5624**

Blooms first season. Plant the same time as Alyssum and Roundabout will bloom with it for a spectacular show. Produces best where summers are cool. 3/4", single mixture.

### D. CARYOPHYLLUS

See Carnation

### D. DELTOIDES

Maiden Pinks are low-growing, mat-forming perennial plants that bear an abundance of small single flowers. Excellent rock garden plants

🌸 **Albus 7072**

Pure white blooms covering a 9-inch tall mound.

🌸 **Arctic Fire 7074**

Stunning white flowers with glowing red eye. Very free flowering. Habit is spreading, 10-12" height, very desirable cultivar.

🌸 **Brilliance 7068**

Large flowers, dazzling red growing on 10" tall mounds.

🌸 **Brilliant 7073**

Large flowers of bright crimson-red growing on 9" tall mounds.

🌸 **Canta Libre Mix 7085**

Assorted shades of pink, some with bicolors.

🌸 **Confetti Mix 1367**

Countless bright flowers on short upright stems creating a sparkling

carpet with a pleasant scent. Requires cool nights 55 degrees to form flower buds. Plant height 9" spreads to 18" per plant. Flowers second season from a spring sowing.

🌸 **Flashing Light 7077**

Deep ruby red flowers. Floriferous dwarf, tufted plants growing 6" to 8" tall. Good bedding plant.

🌸 **Microchips Mix 7087**

Compact mixture of flowers, all with pink eyes. Flowers on 8" stems in first season.

🌸 **Shrimp 7060**

Clear salmon pink color, rich flowering with a spreading habit. Grows to 9" tall.

## GARDEN LEADER

**Sobright Rose 1182**

Full sun plant blooms from May to mid summer. Finish in 4 inch containers. Dazzling cultivar that sports an exceptionally long blooming period yet flowers very early. Winter hardy through zone 5 and into zone 4. Plants produce a strong root system and foliage is neatly arranged in a symmetrical flattened ball. Blooms totally cover the plant. Sow in summer to produce flowering containers in spring.

🌸 **ZING SERIES**

**Zing Rose 1444**

**Zing Salmon 1438**

Smothered in bright blossoms. Ideal for rock gardens and commercial perennial sales. Creeping habit height 6" dense mat of velvety green.

### D. GRATIANOPOLITANUS

Cheddar Pinks. Dense grassy foliage

### D. KNAPPII

Upright habit, Few leaves

🌸 **Knappii 7084**

Single 1" in clustered blooms of clear yellow first year on 24" stems.

### D. PLUMARIUS

Border pinks (Clove Pinks) produce grassy clumps bearing an abundance of fringed double blooms in early summer.

## GARDEN LEADER

**Garden Leader 7287**

**Clove Pink**  
 Blooms first year 16 weeks from sowing. Mix of pink, rose & crimson. Single form flowers are sweetly fragrant. Plant height is 6".

🌸 **Spring Beauty Mix 7058**

1 1/2"; semi-double and double shades of pink, rose, salmon and white; Height: 12-15". Flowers second season from a spring or summer sowing.

## D. SUPURBUS

🌸 **Kawara Rose Pink 7056**

Blooms all season first year from sowing. Flowers show a feathery appearance. Plant height 30".

## DICENTRA

Zones 3-7

BLEEDING HEART

32° for 45 days, 60° till germination  
 CROP TIME: PACK: 20 weeks (green)

🌸 **Bleeding Heart 7078**

Spectabilis. 1 1/2"; pendulous sprays pink and white in May. Height: 30" with bushy with fern-like leaves.

🌸 **Eximia 7075**

Pink flowers on strong 16" stems, blooms in second season from sowing.

🌸 **Golden Tears 7082**

Scandens. Tall climber with masses of yellow flowers and finely dissected leaves.

## DICTAMNUS

Zones 3-9

GAS PLANT

Dictamnus fraxinella

30°, 14 days; L: 65°, 28 days

CROP TIME: PACK: 14 weeks

Persistent perennial lasting for years if not disturbed. Called Gas Plant because of the strong vapor of its foliage and flowers that will faintly ignite if a lighted match is put to it on a windless summer evening.

🌸 **Albiflora 7105**

White blooms on 26" stems.

🌸 **Ruby 7088**

White flowers turning rose with dark veins, 26" stems.

## DIGITALIS

Zones 4-8

FOX GLOVE

70-80°, L, 14 days

Exposure to light will enhance germination, do not cover.

CROP TIME: PACK: 16 weeks

🌸 **Alba 7098**

Purpurea. Pure white flowers on 3 to 4 foot stems.

🌸 **Apricot Beauty 7100**

Purpurea. Apricot-orange flowers growing on 48-inch stems make this ideal for a cutflower.

🌸 **Café Crème 6174**

Tall spikes covered with chocolate brown flowers. Foliage has a rich glossy sheen. Blooms in second season.

# Perennial Seeds

## ☞ CAMELOT SERIES

<b>Cream</b>	<b>6726PL</b>
<b>Lavender</b>	<b>6727PL</b>
<b>Rose</b>	<b>6728PL</b>
<b>White</b>	<b>6726PL</b>
<b>Mix</b>	<b>6730PL</b>

F-1 hybrid series. First year blooming with very large flowers. Uniform growth habit from color to color.

## **Candy Mountain 6055**

D. purpurea. Spectacular new type of Foxglove, a true biennial. Garden height 24" with tightly packed, up facing, rose flowers arranged around the stem. For containers and landscape. Hardy to Zone 6.

## NEW DALMATIAN SERIES

<b>Purple Spotted</b>	<b>0119PL</b>
<b>White Spotted</b>	<b>0120PL</b>

F-1 hybrid with short flowering time and good uniformity. Flowers 8 to 10 weeks from sowing. Pelleted seed for easy handling.

## ☞ Dwarf Carillon 7909

D. grandiflora. Dwarf and compact forming a large clump with many stalks 15" tall. Blooms first year from seed.

## ☞ Excelsior Hybrids 7090

Purpurea. Mix of white, cream, purple, lavender and pink bell-shaped flowers are horizontally grouped around the stem to reveal the markings inside the bells. Grows to 3 to 4 feet tall.

## ☞ Foxy Mix 7093

AAS winner. Easily grown but not dependably winter hardy. Mixed colors, white, pinks and rose with spots; Season: first year from seed. Height: 36".

## ☞ Mertonensis 7089

Unique strawberry colored 2-1/2" long flowers growing on 3 to 4-foot tall stems. Has velvety green foliage.

## ☞ Primrose Carousel 7915

World's first primrose-yellow color digitalis true from seed. UK 1999 Flower of the Year. Blooms first year from January sowing. Plant height 34".

## ☞ Shirley 7095

Purpurea. A mix of colors on long flower spikes growing to 3-4 feet tall.

## ☞ Spanish Peaks 7181

D. thapsi. Many short stems with soft pink bells, good pot plant also. Blooms first year from seed.

## **DODECATHEON**

Zones 5-8  
SOUTHERN SHOOTING STAR  
D. jeffreyi

65°, L, 21 days  
CROP TIME: PACK: 18 weeks

## ☞ Sierra 6853

Pink 'shooting stars' on delicate 14" sprays, easy to grow and flowers first season from winter sowing.

## **DORONICUM**

Zones 4-9  
LEOPARD'S BANE  
Doronicum caucasicum  
60°-70°, L, 21-28 days  
CROP TIME: PACKS: 14 weeks

## ☞ Golden Pygmy 7086

D. orientale. Short 10" stems hold large yellow daisies above dense foliage clumps.

## ☞ Leopard's Bane 7097

D. orientale. 2 1/2" daisy petals are flat and narrow yellow in color with yellow center, plant height is 20".

## ☞ Little Leo 7092

New breeding creates an doronicum compact enough for pot production. Flower yellow with yellow center; Height 6". March blooming from early sowing.

## ☞ Magnificum 7103

Large flowered species, D. orientale. 3 1/2" yellow daisy flower blooms April through June on 24" plants.

## **DRACOCEPHALUM**

Zones 3-8  
65°, 14 days; L, 10 days  
CROP TIME: PACK: 14 weeks

## **Blue Moon 7169**

D. Imberbe. Pouch-like light blue flower. Height: 12".

## ☞ Grandiflorum 7177

Many large deep blue flowers over tidy rosettes of foliage. 14" plants.

## **ECCREMOCARPUS**

Zones 4-9  
Bignoniaceae family  
Eccremocarpus scaber  
60°-70°, L, 21-28 days  
CROP TIME: PACKS: 14 weeks

## ☞ GARDEN LEADER

### ▲ GARDEN LEADER CRAZY VINE

<b>Gold</b>	<b>0612</b>
<b>Orange</b>	<b>0614</b>
<b>Rose</b>	<b>0611</b>
<b>Mix</b>	<b>0615</b>

3 X 1/2" tubular trumpet vigorous climber, height 108".

## **ECHINACEA**

Zones 4-9  
CONEFLOWER  
Echinacea purpurea  
= Rudbeckia purpurea  
= Rudbeckia echinacea  
34°, 28 days, 68°, 28 days  
CROP TIME: PACK: 16 weeks (green)

## ☞ Bravo (Bravado) 7765

Extra large rosey-red flowers with maroon centers. A heat tolerant plant growing to 4-foot tall.

## ☞ GARDEN LEADER

## ☞ Finale White 6987

Excellent bedding or pot plant, Finale White blooms the first year from seed! Ideal for bedding plant growers looking to expand into perennials. Size: 4", single, creamy white, greenish brown cone. Height: 15-18".

## ☞ GARDEN LEADER

## ☞ Garden Leader Ovation 7111

A superb cut flower. Excellent plant habit and flower form. Easy to grow. Beautiful blooms are a quick seller. Outstanding garden performance guarantee repeat sales. Single 4 1/2" daisy, rose pink ray petals are spreading not drooping. Height: 30" strong cut flower stems.

## ☞ Lustre Hybrid Mix 7101

Mixed hybrids of complete color range white through deep red. Includes apricot, orange and salmon shades too.

## ☞ Primadonna Rose 7552

Breatiful brightly colored cone flowers on 38" stems.

## ☞ Purple Magnus 7109

Rose-purple, 4-inch flowers with a dark rose center growing 40 to 48 inches tall.

## ☞ Purpurea 7106

Reddish-purple 4-inch flower with dark disk growing 4 feet tall.

## ☞ White Swan 7114

Pure white flower blooming in first year if sown early, growing to 4 feet tall.

## ☞ Yellow Coneflower 7102

E. paradoxa. Unusual yellow cone flowers on tall 40" stems.

## **ECHINOPS**

Zones 4-8  
GLOBE THISTLE  
Echinops bannaticus  
75°, L, 21 days  
CROP TIME: PACK: 10 weeks

## ☞ Globe Thistle 7112

2" spiny blue ball on 24" stems with white woolly foliage.

## **ERIGERON**

Zones 5-8  
FLEABANE  
Erigeron speciosus  
70°, 14 days  
CROP TIME: PACK: 14 weeks

## ☞ Azure Fairy 7116

2", thin-petals, pale lavender blue double daisy with yellow center. 15" basal leaves nearly stemless, suited for the rock garden.

## ☞ GARDEN LEADER

## ☞ Garden Leader Z-Scape Rocky 7107

No perennial is more hardy and long lasting in our trials. 3/4", light pink daisy early spring through summer first season. Height: 10".

## ☞ Glaucus 7099

2"; semi double light blue to violet daisy. Height: 8".

## ☞ Pink Jewel 7115

Lilac-pink flowers, blooming on 24-inch stems, the same year from sowing.

## ☞ Profusion 7126

Fast, blooms 1st year from seed (12 weeks)  
Shape: 1/2 to 3/4"; daisy opens white and changes to pink on mounding 10" plants.

## ☞ Stallone 7178

E. karvinskianus. Woven mats of foliage and flower stalks of many bright white daisy flowers with red back-sided petals.

## **ERINUS**

Zones 3-7  
LIVER BALSAM  
Erinus alpinus  
65°, L, 21 days  
CROP TIME: PACK: 11 weeks

## ☞ Alpinus 7096

5 petal flowers- similar to Primula malacoides. Lavender lobes with dark veins. Blooms April-May in 2nd year. Height: 7" loose mat for alpine rock gardens.

## **ERYNGIUM**

Zones 5-9  
SEA HOLLY  
Eryngium species  
70°, 14 days  
CROP TIME: CUT: 16 weeks

Deeply cut spine tipped bracts surrounding a central cone

## ☞ Alpinum Superbum 7118

2" steel blue flower. Height: 24"

## ☞ Blue Glitter 7303

First year blooming from seed. Tall garden plant for background or cuts, 36"

## ☞ Blue Star 7124

Deep blue. Blooms second season. Height 36"

## Miss Marble 7128

Rosette forming plants have ovate and toothed, deep green foliage with strong marbled veins, broadest in the leaf center. Plant height 18: Flower color lilac blue.

## Silver Salentino 7133

First pure white Eryngium from seeds. Good for cuts and tall garden plant. Height is 50".

## Yuccifolium 7119

Rattlesnake master. Striking plant. Yucca-like leaves with long flower stems. Round greenish white flower globes.

## ERYSIMUM

Zones 3-7  
WALLFLOWER  
Cheiranthus species  
68°, 14 to 21 days  
CROP TIME: PACK: 8 weeks

## Goldshot 7125

pervoskianus. April through June blooming from winter sowing. 15" plants display bright yellow flower clusters.

## Linifolium 7129

Lilac mauve flower 16 weeks from seed. Height: 14".

## ESCHSCHOLTZIA

See Annual Poppy Seed

## EUCALYPTUS

Zones 7-9  
BLUE GUM, LEMON SCENTED GUM  
Eucalyptus species  
65°, L. 21 days  
CROP TIME: PACK: 14 weeks, CUT: 36 weeks

## Cinerea 6218

Silver Dollar. Landscape or for economy cut greens, rounded silvery green foliage. Upright branching 52".

## Silverdrop 6217

Florist quality-small silver foliage 50".

## EUPATORIUM

Zones 4-8  
JOE PYE WEED  
Eupatorium purpureum  
68°, 14 days  
CROP TIME: PACK: 10 weeks  
Will not flower 1st year. Pack production should target a stout plant grown in full light at cool temperatures.

## Purpureum 0380

Domed heads, clusters of ageratum-type blooms; Size: 3 1/2" head, 1/2" flowers; Color: pink through purple shades; Season:

July through September second season from seed. Height: 42", dense upright clump Spreading 48". Foliage color is green to reddish green.

## EUPHORBIA

Zones 4-8  
SPURGE  
Euphorbia species  
34°, 40 days; 69° day 60° night, 28 days  
CROP TIME: PACK: 9 weeks

## Blue Silver 7130

E. myrsinites. Brilliant yellow single bloom in May, 2nd year. Succulent type silver blue foliage with creeping habit.

## Kilimanjaro 7134

E. marginata. Bright green foliage with pure white edges. Plant height is 35". Matures for cutting 5 weeks from transplant.

## Lemon & Lime 7917

Single yellow flowers bloom July-September, 2nd year. 60" upright mound of lime green foliage with light midrib.

## Polychroma 7132

1" single bracts in chartreuse clusters changing to bronze in May. Height 24".

## Snow on the Mountain 7131

E. marginata. 1" single snow white bracts in clusters, May bloom. Height: 20-24" variegated green/white foliage.

## EUSTOMA

See Lisianthus, annual seed section

## FIBIGIA

Biennial  
Fibigia clypeta  
70°, 14 days  
CROP TIME: CUT: 16 weeks

## Clypeta 7127

Yellow, developing coin shaped seed pods alternate along upright 15" stems in spring and summer.

## GAILLARDIA

Zones 3-9  
BLANKET FLOWER  
Gaillardia aristata  
G. grandiflora  
70-75°, L. 8 to 12 days  
CROP TIME: POT: 16 weeks  
USES: Gaillardias are good for bright spots in the perennial border. The taller varieties are excellent cut flowers. Superior heat and drought tolerance.

## Aurea Pura 7143

Clear yellow, single flowers from June through September on 30" plants.

## Arizona Sun 7138

12" mounding habit. Survives the harshest of locations in full sun and drought. Winner of the All America Selections Award and Fleuroselect Gold Medal.

## Bremen 7144

Tall plants with red and yellow daisy-like flower.

## Burgundy 7136

Deep wine red flowers on 2-foot tall plants.

## Dazzler 7137

Tall plants 24", bright orange flowers with deep red eye.

## GARDEN LEADER

## Garden Leader Mix 7149

Double daisy in shades from yellow to burgundy on 14" plants.

## LoGo 7288

A genetically dwarf G. aristata. Flowers first year from seed sown in Feb or March. Plant height 8". Flower scarlet red, deep mahogany center, circled with bright yellow. Ideal for mixed containers or perennial borders

## Goblin 7140

Most popular gaillardia. 2" semi-double red and gold bicolor daisy. Height: 12-14".

## Monarch Mix 7146

A bright range of mixed colors on 28-inch stems.

## GAULTHERIA

Zones 5  
Gaultheria procumbens  
68° F, 14 days  
CROP TIME: POT: 46 weeks  
Monitor pH to not go above 4.5. Finish in 6 or 7" pots. Sow in January to finish as a Christmas crop or sow in September for May sales.

## Very Berry 7145

Bright red berries and waxy green foliage. Plant height 8".

## GAURA

Zones 3-7  
Gaura lindheimeri  
70° F, 10-20 days; light will help germ.  
CROP TIME: PACK: 14 weeks

## The Bride 7151

1", white 5 petal flower blooms all season on 36" plant.

## GENTIANA

Zones 4-8  
ALPINE GENTIAN  
Gentiana acaulis  
34°, 14 days; 60°, 28 days  
CROP TIME: PACK: 24 weeks

## Alpine Genitian 7154

1/2" deep blue. Height: 12"

## Nikita 7168

G. dahurica. 1/2" in 1 1/2" deep blue clusters. Height 18".

## GERANIUM

Zones 4-9  
CRANESBILL  
Geranium sanguineum  
65°-70°, 28 to 40 days  
Some lots may require periods of alternating warm and cold temperatures from 38 to 68° over a period of many weeks. Generally a very difficult germinator. Some seed may lie dormant in the seed flat for as long as 12 months before sprouting. Performance will vary from crop to crop.

## GARDEN LEADER

## GARDEN LEADER SERIES

Blue 3001

Pink 1735

Garden Leader Mix 3002

Strong selections from vigorous parent stock. Lavender blooms are richer in color, plants are healthier in appearance. Flowers early through midsummer first season. Height: 27".

## Pratense 7163


MRS. K. CLARK Violet blue long flowering rambling 16" mound.


## GARDEN LEADER

Banner denotes Garden

Leaders which are the top garden performers.

 Scissors denote Strong stemmed plant that makes good cut flower

 Basket denotes Trailing plant habit suitable for hanging baskets

 Thermometer denotes Energy saving plant that can be grown in cool greenhouses

 Pot/Container denotes Vegetative cutting type plant from seed

 Foliage denotes Ornamental foliage plant

**AAS** All America Selections Winner

**FLS** Fleuroselect Winner

# Perennial Seeds

## ☞ **Sanguineum** 7157

1"; single rose purple flowers and variable shades. Height 12".

## ☞ **Splish Splash** 7167

Pale blue with darker lavender blue stripes. Variable patterns, blooms second season from a summer sowing on 22" plants. season.

## ☞ **Sylvaticum** 7164

Mayflower. 1 1/2" reddish violet flowers paired in dense racemes over deeply cut foliage. Height 27".

## ☞ **VISION SERIES**

### **Light Pink** 1694

### **Violet** 1711

*G. sanguineum*. Foliage that adds beauty to the perennial garden. Profusion of blooms on 14" plants second season in May.

## **GERBERA**

See Annual Seed section

## **GEUM**

Zones 4-8

### **AVENS**

*Geum chiloense*, species  
85° D, 70° N, L, 21 to 28 Days  
CROP TIME: 14 weeks

### ☞ **Borisii** 7147

Golden orange blooms on 28" stems.

### ☞ **Cooky** 7176

Unique orange blooms on 24" stems. Up to now not seen with this genus. Very unusual character to those craziest of perennial settings.

### ☞ **Double Bloody Mary** 7172

2" bright red double flower much larger than other all similar hybrids. Summer blooming first year from a January sowing. Height: 26"

### ☞ **Queen of Orange** 7148

Largest flower of the orange blooming varieties. Flowers first season from seed.

## ☞ **GARDEN LEADER**

### ☞ **Garden Leader Scarlet** 7171

1 1/2" semi-double vivid scarlet/red summer blooming from an early spring sowing. Height: 18-20"

### ☞ **Lady Stratheden yellow** 7165

### ☞ **Mrs. Bradshaw scarlet** 7170

1 1/2"; semi double cluster on erect stalks. Height: 18"

## **GYPHOPHILA**

Zones 4-8

### **BABY'S BREATH**

*Gypsophila* species

72°, L, 14 days

CROP TIME: PACK: 10 weeks

Baby's Breath bears hundreds of tiny flowers. It is a well-known cut and dried flower that is a reliably hardy perennial.

### ☞ ☼ **Double Snowflake** 7179

Paniculata. High quality, large, mostly double flowers. Similar in quality to vegetative propagated Baby's Breath.

## ☞ **GARDEN LEADER**

### ☞ ☼ **Garden Leader Premium** 3024

Outstanding strain of perennial "gyp". High quality, large, mostly double flowers. Premium approaches the tissue-culture propagated strains in flower quality.

### ☞ ☼ **Pacifica** 7175

Large rose-pink blooms growing on a 4-foot plant. Old time favorite for its hardiness and longevity.

### ☞ **Pink Baby** 7187

Rosy-pink form of creeping gypsophila.

### ☞ ☼ **Silver Star** 1948

*G. fastigiata*. Nice dense rosette of low growing foliage from which the plant launches 9" stems topped with white flower clusters.

### ☞ ☼ **Single White** 7180

*G. Paniculata*. Large, white, single flowers growing on 3-1/2 foot plants. Easy to grow. A fine garden variety.

## **HELENIUM**

Zones 3-9

### **SNEEZE WEED**

*Helenium autumnale*

68°, L, 14 to 21 Days

CROP TIME: PACK: 12 weeks

### ☞ **Autumnale** 7200

Small yellow to mahogany sunflower shape born on sprays with darker centers. 5' rambling habit.

## ☞ **HELENA SERIES**

### **Gold** 7197

### **Red** 7196

### **Mix** 7198

This series flowers the first season from a spring sowing. Multitude of small daisy-like blooms cover 28", well branched plants.

### ☞ **Hoopessii** 7199

Large golden-yellow flower on 2-1/2 foot plants.

## **HELIANthemum**

Zones 5-9

### **ROCK ROSE**

*Helianthemum mutabile*

70°, 14 to 21 days

CROP TIME: PACK: 12 weeks

### ☞ **Sun Rose Mix** 7205

Yellows, oranges, reds; Height: 9" spreading, prefers dry soil.

## **HELIOPSIS**

Zones 4-9

### **FALSE SUNFLOWER**

*Heliopsis scabra*

68°, 14 to 21 Days

CROP TIME: PACK: 10 weeks

### ☞ ☼ **Summer Sun** 7208

FLOWER: Shape: mixed single and double 3" yellow daisy blooms. Height: 48".

## **HELLEBORUS**

Zones 4-7

### **CHRISTMAS ROSE, LENTEN ROSE**

*Helleborus niger*

34°, 14 days; 65°, 21 to 28 days

CROP TIME: PACK: 12 weeks, green

### ☞ **Christmas Rose** 7210

Blooms in December or early Spring sometimes under snow cover. Single, 3", white or pinkish green color bloom. Stem-less, basal leaved 14" rosette.

### **Double Queen Mix** 7413

First fully double flower from seed. Mixed colors of White, Red, Pink and Green many with spotted throats. Garden height 18". Sow seeds in May or June, first plants will begin to flower in late winter 30 months later. All plants fully blooming plants the year following. A very long term, high value crop.

### ☞ **Gold Bullion** 7212

*H. foetidus*. Exciting golden yellow foliage provides glowing winter color.

## **HEMEROCALLIS**

Zones 3-8

### **DAYLILY**

*Hemerocallis* species

700-750 seeds/oz.

CROP TIME: POT: 24 weeks

### ☞ **Miniature Hybrids** 7215

A collection of seed from the finest of the new dwarf hybrid clones. Height: 12-14".

## **HESPERIS**

Zones 3-8

### **DAME'S ROCKET**

*Hesperis matronalis*

72°, L, 14 to 21 days

CROP TIME: PACK: 10 weeks

### ☞ **Alba** 7213

*H. matronalis*. White flower type.

### ☞ **Sweet Rocket Mix** 7220

Fragrant herb often grows as a biennial. Resembles 3/4" phlox-like blooms in clusters. Height: 30".

## **HETEROPAPPUS**

Zones 4-8

*Heteropappus meyerendorffii*

68°, 14 to 21 Days

CROP TIME: PACK: 12 weeks, green

### ☞ **Blue Knol** 7922

2" single vibrant mauve-blue daisy with yellow eye. Fall flowering from a February sowing. Height: 14".

## **HEUCHERA**

Zones 3-8

### **CORAL BELLS, ALUMROOT**

*Heuchera* species

68°, L, 21 to 28 Days

CROP TIME: PACK: 21 weeks

### ☞ **Bressingham Hybrids** 7225

Very popular green-leaved mixture with flowers in various shades, from bright white to coral to deepest red.

### ☞ ☼ **Emperor's New Clothes** 7232

Mixture of several leaf shapes and foliage colors ranging from light green to deep purple.

### ☞ **Firefly** 7222

*Sanguineum*. Special strain. Fragrant vermilion red blooms on 24" plants.

### **NEW Melting Fire** 7057

The best red leaf Heuchera that competes with the TC varieties. Foliage is deep red and curly. Very ornamental. 22 weeks from sowing to sale in 4 1/2" pot. Garden height is 18".

### ☞ ☼ **Palace Purple** 7226

*H. micrantha*, bronze leaf plants can be selected out among green leaf seedlings. Deep yellow or white flowers 2nd year. Mounded deep bronze maple leaf type foliage 20".

### ☞ **Ruby Bells** 7228

A myriad of intense blood red flowers crowns the new 'Ruby Bells' Heuchera. The tiny bell shaped flowers are held attractively above the evergreen foliage, at 16" and with more flower stems than other Heucheras. Blooms May through August.

🌿 **Splendens** 7223

Sanguinea old fashion coral bells. Less of a flower show than the hybrids.

## **HIBISCUS**

Zones 5-9

### **ROSE MALLOW**

Hibiscus moscheutos species  
70°, D, 14 to 20 days  
CROP TIME:POT: 11 to 14 weeks  
Pre soak seed in warm water for 8 hours before sowing. Responds to Cycocel for compact pot production.

### 🌿 **DISCO BELLE SERIES**

- Pink** 2017
- Rosy Red** 2010
- White** 2008
- Mix** 2018

Hybrid with large, 8-9" single blooms open for one day each. Height: 18-20".

### **LUNA SERIES**

- Blush** 7441
- Pink Swirl** 7442
- Red** 7443
- Rose** 7444
- White w/red eye** 7445

Large blooms on 24 to 36" plant. Bushy plants spread to 24". Bloom time in the garden is 5 to 7 weeks. Heat and drought tolerant plants are ideal for season extending sales.

## **HOLLYHOCK**

Zones 3-8

### **GARDEN HOLLYHOCK**

Althaea rosea  
65°, 14 to 21 Days  
CROP TIME:PACK: 12 weeks

### 🌿 **CHATER'S SERIES**

- Bright Pink** 7227
- Chamois, rose** 7150
- Golden, yellow** 6528
- Maroon, purple** 6529
- Salmon** 6554
- Scarlet** 6547
- Rose-Pink** 7152
- White** 6548
- Mix** 6524

Popular tall double strain offering a wide range of fully-double flowers. Height 24-36".

### 🌿 **Crème de Cassis** 6177

Superb first year flowering hollyhock with black current colored flowers with attractive veining that fade to a lighter color. An interesting combination of double, semi double and single flowers can be found on the same stem.

### 🌿 **Happy Lights Mix** 7156

Mixture of bright colors for the cutting garden. Plant height 40"

### 🌿 **Nigra** 6525

The Watchman (rosea), 3" rich chocolate maroon single flowers. Height: 60".

### 🌿 **Peaches & Dreams** 7923

Large double blooms creamy peach tinged in raspberry-pink. July flowering from a January sowing. Height: 90"

### 🌿 **Powderpuffs Mix** 6526

Large double flowers in pastel shades. Plant habit is more compact than Chater's 40".

### 🌿 **Single Ficifolia** 2001

Single flowers on a very hardy plant, 68" tall, mixed colors.

## **HOSTA**

Zones 4-9

### **PLANTAIN LILY**

Hosta species  
30°, D, 7 days; 68°, L, 10 days  
CROP TIME:POT: 21 weeks  
Hosta are very hardy shade or light sun perennials. Once established they will thrive for years. There are dozens of species with varied leaf forms and flower colors. These are the most desirable of all the seed cultivars.

### 🌿 **American Hybrid Mix** 7231

All modern forms, Sahin's Best special collection.

### 🌿 **Elegans** 7230

Pale blue flowers, very decorative, smooth solid green leaf

## **HUNNEMANIA**

Zones 6-10

### **MEXICAN TULIP POPPY**

Hunnemania fumarifolia  
75°, D, 10 days  
CROP TIME:PACK: 7 weeks  
Transplanting can be difficult.

### 🌿 **Mexican Tulip Poppy** 7455

3" bright yellow single blooms on 2-3ft stems. Deeply cut fern like grayish leaves.

## **HYPERICUM**

Zones 5-9

### **St. JOHN'S WORT, AARON'S BEARD**

Hypericum calycinum  
68°, 21 to 28 days  
CROP TIME:PACK: 14 weeks

### 🌿 **Rose of Sharon** 7239

Beautiful large yellow flowers on compact ground cover species. 10" height.

### 🌿 **St. John's Wort** 7240

2" single yellow Hibiscus shape blooms in midsummer. 12" plant is creeping in habit, evergreen and spreads rapidly.

## **HYSSOPUS**

Zones 5-8

62°, L, 14 days  
CROP TIME: PACK: 10 weeks

### 🌿 **OFFICINALIS SERIES**

- Blue** 7870
- Rose** 7871
- White** 7872
- Mix** 7873

Flowering herb with fragrant foliage and flower stems that attract butterflies. 24" tall in upright clumps.

## **IBERIS**

Zones 4-8

### **CANDYTUFT**

Iberis species  
60°, L, 14 to 21 days  
CROP TIME: PACK: 14 weeks  
Start seed in August for Spring bloom

### 🌿 **Gibralterica** 7242

Beautiful bicolor flower heads opening lilac and changing to white. Height: 15".

### 🌿 **Snowflake** 7244

I. sempervirens. Good, evergreen perennial performance, white flowered.

## **IPOMEA**

See Morning Glory in Annual Seed Section

## **INCARVILLEA**

Zone 5-9

### **HARDY GLOXINIA**

Incarvillea delavayi, chinensis  
68°, 14 to 21 days  
CROP TIME:PACK: 14 weeks  
Blooms May through August from June sowing the previous season. Plants form bulbs that can be dug and sold dormant.

### 🌿 **Cheron** 7248

White trumpets with yellow throat.

### 🌿 **DELI SERIES**

- Rose** 7159
- White** 7182

Very free flowering series. Plant height 22". Both white and Rose flowers have a yellow throat

### 🌿 **Delavayi** 7243

3" trumpet pink with yellow throat. Rosette clump 2ft.

### 🌿 **Pink Fairy** 6178

Delicate soft pink trumpet flowers held well above dark green feathery foliage. 20" stems.

## **INULA**

Zone 4

### **CAUCASIAN INDULA**

Inula ensifolia  
85° D, 65° N; L; 14 to 21 days  
CROP TIME:PACK: 10 weeks

### 🌿 **Sunray** 7251

1-1/2" yellow daisy. Height: 18".

## **JASIONE**

Zone 4-8

### **SHEPARD'S SCABIOSA**

Jasione perennis  
65°-70°, 14 to 21 days  
CROP TIME:PACK: 12 weeks

### 🌿 **Blue Light** 7255

2" blue Scabiosa-like globe bloom. Height: 18".

## **KITAIBELIA**

Zones 6-8

### **Malvaceae**

65°. L, 16 days  
CROP TIME: PACK: 9 weeks

### 🌿 **Vitifolia** 6665

Tall plants of dark green maple-leaf foliage. White flowers born at tips resemble large periwinkles.

## **KNAUTIA**

Zone 5-9

### **BALKAN SCABIOSA**

K. macedonica  
65°-70°, L, 21 to 28 days  
CROP TIME: PACK: 10 weeks

### 🌿 **Balkan Red** 7264

Unique deep red in a 2" scabious-like flower form first season. Height 70".

### 🌿 **Melton Pastels** 7259

Fluoreselect Quality Award, Cut and come again type, long flowering perennial. Shape: 1" pincushion Scabiosa like blue, mauve, pink and salmon shades flowers. Sow April through June for flowering the following spring. Height: 42".

## **KNIPHOFIA**

Zone 5-9

### **TORCH LILY, RED HOT POKER**

Kniphofia hybrida  
65°-70°, L, 21 to 28 days  
CROP TIME: PACK: 10 weeks

### 🌿 **Flamenco** 7268

AAS Winner very uniform, abundance of non fading 1 1/2" flowers flower on 12" spike. Bright orange, red and yellow shades. Height 30".

## **GARDEN LEADER**

### 🌿 **Z-Scape Tritoma** 7267

Low maintenance, low moisture requirement. Size 8 to 12" yellow to red spike, 36" grassy, lanced foliage.

### 🌿 **Pfizer's Hybrids** 7260

Striking spikes of 1 1/2" bright orange, red and yellow shades tubular blooms on 10 to 12" spike.

## **KOELERIA**

See Perennial Ornamental Grasses

# Perennial Seeds

## LAGERSTROEMIA

See Crape Myrtle

## LALLEMANTIA

BLUE SNAPS

Lallemantia canescens

65° to 70°, uncovered, 4 days

CROP TIME: POT: 10 weeks

### **GARDEN LEADER**

#### **NEW Garden Leader Blue Cane 6107**

Blue mauve flowers contrast with blue green foliage. Upright flower stalks in a compact bush growing to 14". Long flowering period. Short lived perennial grown as an annual. Hardy to Zone 6.

## LATHYRUS

See Sweet Pea

## LAVANDULA

Also see herb seed section

Zone 3

70°, 14 days

CROP TIME: PACK: 10 weeks

#### **Blue Scent 6056**

L. hidcote. Earliest, first year, flowering strain. Deep blue blooms. Garden height 12-14". Hardy to Zone 5.

#### **Fragrant Butterflies 6179**

L. stoeches pendunculata. Compact bracts are held on slender 40" stems. Plants have attractive aromatic gray-green foliage. Sow June or July for blooms the following summer.

### **GARDEN LEADER**

#### **Garden Leader 7266**

2" Lavender cone with single radiating petals. Sow February for flowering the same season. Height: 24" with silvery green quills.

#### **Lavance Purple 7185**

First year flowering with a true compact habit. Garden height 10".

#### **Purple Ribbon 7206**

L. stoechas. Large deep purple flower heads with purple bracts. Strong 14" stems.

## LAVATERA

Zone 5

TREE MALLOW

Lavatera trimestris

75° 14 to 21 days

CROP TIME:PACK: 12 weeks

### **GARDEN LEADER**

#### **Garden Leader White 7760**

3 1/2" white daisy with wide petals. Height: 20".

#### **Novella 7748**

The first Lavatera with a growth habit that is suitable for commercial pot production. Compact and early to flower. Long lasting bright rose flowers 3" in size. Plant height 8" in a 6" pot and up to 24" when grown in the garden.

#### **Ruby Regis 7756**

4" rose with red vein daisy; Size. Height: 24".

#### **Silver Cup 7758**

4" light pink daisy; Size. Height: 24".

#### **TWINS SERIES**

##### **Cool White 7209**

##### **Hot Pink 7214**

Award winning compact plants that flower in 14 weeks. Garden height 12-20".

## LEONTOPODIUM

Zones 4-8

EDELWEISS

Leontopodium alpinum

34° 21 days; L; 70°D, 40°N 14 days

CROP TIME:PACK: 9 weeks

#### **Edelweiss 7270**

Alpine perennial, requires dry soil. 1/4" yellow bract surrounding 1 1/2" bloom in early summer. Height: 6-12", woolly silver foliage.

## LEWISIA

Zones 4-7

BITTER ROOT

Lewisia navadensis cotyledon

72°, L, 14 days

CROP TIME:POT: 10 weeks

#### **Special Mix 7279**

Single multipetal in many flowered panicles. Mixture includes white, yellow, pink, salmon, orange. Flowers begin in May and re-blooms until August. Star shaped evergreen rosette 4-6" tall.

#### **Sunset 7216**

Colors range from white through carmine. Foliage is evergreen and finds a home in rock crevasses with full sun or part shade.

## LIATRIS

Zones 4-8

BLAZING STAR, GAYFEATHER

Liatris spicata

75°D, 65°N; L: 14 to 21 days

CROP TIME:PACK: 9 weeks

#### **FLORISTAN SERIES**

##### **Violet 7280**

##### **White 7275**

L.spicata. Profusion of high quality 36" cutting spikes.

### **GARDEN LEADER**

#### **Garden Leader Z-Scape Liatris 7282**

Spicata type. Weather tolerant Liatris with red-purple 14" spike on strong stems. Long-living garden perennial.

#### **Kansas Gayfeather 7278**

L. pyncnostachya. 6", rosy purple receme on 18" stem. Wild form well suited for naturalizing in wildflower mixes.

#### **Kobold 7284**

L.spicata. 14" purple bloom spike on 40" stem.

#### **Picador 7283**

L. spicata long narrow red-purple spires, 18".

## LIGULARIA

Zone 4-8

BIG LEAF GOLDENRAY

Ligularia dentata

68°, D, 21 days

CROP TIME:PACK: 12 weeks

#### **Dentata 7749**

5" nodding racemes of 2" double-disk golden yellow flowers. Height: 24" light green foliage.

## LIMONIUM

See Statice

## LINDHEIMERA

Zones 7-9

TEXAS STAR

65°, L, 11 days

CROP TIME: PACK: 18 weeks

#### **Sunny Boy 6710**

Bright yellow flowers on 30" stems. Plants have good branching habit and are easily naturalized.

## LINUM

Annual Linum, usitatissimum, see annual seed section.

Zone 5-9

FLAX

Linum compactum

65-70°, 7 to 14 days

CROP TIME:PACK: 9 weeks

#### **Blue Flax 5047**

L. lewisii. Wild form

#### **Diamant 7297**

Extra dwarf, compact selection. Masses of pure white flowers on well branched plants.

#### **Flavum Compactum 7290**

1"; single yellow flowers. 9" plant height with open sprawling habit.

#### **Saphyr 7299**

Perenne nanum. 1" sapphire blue single flowers on 9" plants.

#### **Sky Blue 7295**

Light blue

## LISIANTHUS

See Annual Seed

## LOBELIA

(Tender) Zones 6-8

CARDINAL FLOWER, INDIAN PINK

Lobelia species

34° 28 days; L; 70°D, 50°N 21 to 28 days

CROP TIME:PACK: 15 weeks

#### **Blue Shadow 2500**

L.kalmii. First year flowering.

Compact glossy green foliage in tight clump. Spikes of small blue flowers reach up 8-10".

#### **COMPLIMENT SERIES**

##### **Deep Red 7302**

##### **Scarlet 7307**

##### **Mix 2292**

F-1 The best choice for commercial cutflowers by virtue of its large flower and long, stiff stems. Tubers may not survive northern winters. Height: 30" non-branching.

#### **FAN SERIES**

##### **Blue 7319**

##### **Burgundy 0484**

##### **Deep Red 7306**

##### **Deep Rose 7300**

##### **Salmon 7108**

##### **Scarlet 0442**

L. speciosa tetraploid, large 1-1/2" blooms in clusters. Sow in January for late June flowers. Height: 24" suitable for cutting.

#### **Queen Victoria 7305**

L.fulgens. Very hardy to Zone 4. 1" single deep scarlet blooms. Height 30".

## LUNARIA

Biennial

MONEY PLANT, SILVER DOLLAR

Lunaria biennis

68°, 14 to 21 Days

CROP TIME:PACK: 8 weeks

#### **HONESTY SERIES**

##### **Purple 7309**

##### **White 7310**

##### **Honesty Mix 7315**

Sweetly scented flowers in late spring from a sowing the previous summer. It is the coin-like seed pods which are dried and used in arranging. Height: 12-14".

## LUPINE

Zones 4-8

LUPINE, TEXAS BLUEBONNET

Lupinus polyphyllus

85° D, 70° N; D; 14 to 21 days

CROP TIME:PACK: 10 weeks

Popular and very hardy perennials, lupines require rich, well-drained soil, lots of moisture and plenty of sun to develop their best floral display.

#### **NEW Gallery Mix 7338**

Most flower first season from seed.

Full range of colors. Stem height 24".

## GARDEN LEADER

### GARDEN LEADER POPSICLE SERIES

<b>Blue</b>	<b>7340</b>
<b>Pink</b>	<b>7341</b>
<b>Red</b>	<b>7342</b>
<b>White</b>	<b>7343</b>
<b>Yellow</b>	<b>7344</b>
<b>Mix</b>	<b>7345</b>

Compact habit, early blooming. Can be finished in bloom in a 4" pot. Longest lived Lupines ever in our trials yet always the first cultivar to bloom from seed. The highest percentage of first year blooming comes from seedlings that are lighted to extend daylength. 1/2 the height of Russell Hybrids. Much more uniform in size from plant to plant than Russell.

FLOWER: Shape; Plants are sturdy upright 10" flowers on 20" spikes.

## GARDEN LEADER

### Garden Leader Z-Scape Lupine 7339

*L. texensis*, self-seeding annual does extremely well in arid environment. Not a true perennial, however when it established a naturalized planting, by self-seeding, will last for years.

FLOWER: Shape: open, loose spikes; Color: blue

PLANT: Habit: upright; Height: 18"; Spread: 12"

### RUSSELL HYBRID SERIES

<b>Chandelier, yellow</b>	<b>7330</b>
<b>Chatelaine, pink</b>	<b>7331</b>
<b>My Castle, brick red</b>	<b>7332</b>
<b>Noble Maiden, ivory white</b>	<b>7334</b>
<b>The Governor, blue</b>	<b>7333</b>
<b>The Pages, carmine red</b>	<b>7335</b>
<b>Mix</b>	<b>7336</b>

The standard garden lupine. 12" flower on 30" spike in early summer.

## LYCHNIS

Zones 3-8

CATCHFLY, GERMAN CATCHFLY  
Lychnis species  
70° D, 60° N; 14 to 21 days  
CROP TIME: PACK: 8 weeks

### Lumina Mix 7304

First year flowering mixture of 3 colors: Orange, Salmon Shades and Bronze Leaf Red. Plants bloom in 18 weeks under long day conditions. Plant height is 12.

### Maltese Cross 7360

*L. chalcedonica*. 1" single brilliant scarlet bloom.

### Molten Lava 7366

*L. haageana*. 1", brilliant orange scarlet single bloom on 24" stem, bronze foliage.

### Occulata 7376

Silver-like foliage, attractive both in and out of bloom. Flowers from pink to white in loose clusters on long stems. Height 38".

### Vesuvius 7375

Hybrid *chalcedonica*. Bright Scarlet blooms in profusion. Height 14" with mahogany bronze foliage.

### Viscaria Alpina 7373

Rose-pink flowers occur in dense terminal clusters 4 inches across. Recommended for rock gardens for its neat, compact appearance.

### Viscaria Firebird 7371

Will tolerate a wide range of climates from wet to dry. Loose clusters on long stems, some double, range from red to white. Grassy clumps 18-24".

## LYSIMACHIA

Zone 3-8

GARDEN LOOSESTRIPE  
*Lysimachia punctata*  
65°, L, 14 days  
CROP TIME: PACK: 12 weeks

### Beaujolais 7217

Wine red flower spikes on 26" stems. Sow in summer for flowering plants in June.

### Punctata 2548

5 petal star in yellow whorls around stems at leaf nodes, late spring through early summer 1st year. Plant height 36".

## MACLEAYA

Zone 3-8

PLUME POPPY, TREE CALANDINE  
*Macleaya (Bocconia) cordata*  
65°, L, 14 days  
CROP TIME: PACK: 14 weeks

### Cordata 7386

Poppy family, grown for decorative foliage. Best suited for warm light soil around densely-rooted woody plants. Tiny white flowers arranged in open sprays on 30" stems, 2nd year from seed. Woody 32" stems produced from stolon growth with palmate lobed glaucous blue-gray leaves 8" wide.

## MALVA

Zone 4-8

MALLOW, MUSK MALLOW  
*Malva moschata*  
68°, L, 10 days  
CROP TIME: PACK: 12 weeks

### Alba 7402

White flower similar in shape to cosmos born on upper leaf axils in clusters. Height: 36" with deeply cut and lacy foliage.

## GARDEN LEADER

### White Mallow 6181

Compact plant grows to 16" in the garden. Long flowering period begins in the first season from sowing. Plants become covered with glistening white flowers.

### Mystic Merlin 7363

*M. sylvestris*. Open 5 petal flower shades from rich purple through highly unusual and illusive color of blue on 23" stem, blooms second season from May sowing. Plant grows 68" in upright stems from basal area.

### Rosea 2627

The rose-colored compliment to Alba.

### Snow White 6182

Fluoreselect Quality Mark. Compact plant with attractive white flowers, well suited for 6" pots. Sow in January for June bloom.

### Sylvestris 3231

*Zebrinia*. Rose with deep veined flowers. Sow in January for June bloom.

## MATRICARIA

See *Tanacetum*

## MECONOPSIS

Zone 5-9

*Meconopsis betonicifolia*  
55°, L, 14 days  
CROP TIME: POT: 24 weeks

### Grandis 3127

Covered with vivid large blue flowers. Must be grown in cool locations, shade from mid-day sun, shelter from wind. Thrives in moist well drained soils. Divide every 2-3 years to maintain plant vigor. Fall and spring sowing, fall is best. Large 4-5" Poppy-like bloom, 4 petaled on tall erect stems in mid summer.

## MERTENSIA

BLUE BELLS, LUNGWORT

*Mertensia* species  
65° to 70°, uncovered, 14 days  
CROP TIME: POT: 10 weeks

### Halcyon 6057

Instant flowering perennial blooms first season. Hosta type leaved with blue flowers on a very compact plant. 8" garden height, 8" spread. Use for potted plant sales, containers and borders. Hardy to zone 6.

## MICROSERIS

Zones 5-8

60°, L, 21 days  
CROP TIME: PACK: 18 weeks

### Girandole 6183

Yellow daisy-like flowers bloom all season on 12" plants.

## MIMOSA

Zone 7-10

TOUCH ME NOT  
*Mimosa pudica*  
70°, L, 14 days  
CROP TIME: PACK: 8 weeks

### Sensitive Plant 6300

Fast growing curious foliage plant. Fern-like leaflets and leaf that suddenly droop when touched. Blooms small clusters of white flowers. Grows to 18-24", open branching habit.

## MIMULUS

Also see Annual Seed section  
Zones 6-9

MONKEY FLOWER  
65°, L, 9 days  
CROP TIME: PACK: 12 weeks

### BOUNTY SERIES

<b>Orange</b>	<b>3201PL</b>
<b>Red</b>	<b>3211PL</b>
<b>Rose</b>	<b>3251PL</b>
<b>Yellow</b>	<b>3217PL</b>

Grown as an annual yet perennial in most zones. Prefers cool weather. 8" mounds are covered with bright blooms.

## MONARDA

Zones 4-9

BEE BALM WILD BERGAMONT  
*Monarda didyma*  
70°, L, 21 days  
CROP TIME: PACK: 8 weeks

### Citrodora 7381

Lemon mint. Pink or white with purple spots. Height: 38".

### Fistulosa 7404

2" Lavender; Height: 38".

### Lambada 7401

Half hardy perennial, border plant, cut & dried flower. Light lavender spotted with white in whorled spikes, April till frost, first year. Height 30".

### PANORAMA SERIES

<b>Red Shades</b>	<b>7405</b>
<b>Mix</b>	<b>7403</b>

*M. didyma*. 2" in terminal clusters. Mix has many shades of scarlet, bright red, pink salmon, lilac and crimson. The New Red Shades is only the red and scarlet colors. Height: 3'.

## MYOSOTIS

Zone 4-8

FORGET ME NOT  
*Myosotis alpestris*

# Perennial Seeds

70°, L, 14 days  
CROP TIME: PACK: 8 weeks

## BOBO SERIES

**Blue** 7382  
**Rose** 7383  
**White** 7384

Earlier to flower than Victoria by 3 weeks. 6" plants bloom in May of second season.

**Mon Amie Blue** 6097

*M. sylvatica*. Blooms 3 to 6 months earlier than other Forget-Me-Nots. Garden height 6-8". Grow and sell with Pansies. Spread 6-8". Short lived perennial hardy to Zone 5.

**Palustris** 7416

True marsh Forget-Me-Not, bright blue flowers with tiny yellow centers. This perennial blooms from Spring to Autumn. Makes a nice cut flower.

## SYLVA SERIES

**Bluesylva** 7532  
**Rosesylva** 7408  
**SylvaMix** 7308

*M. sylvatica*. Flowers on a compact plant habit. Height 8" and branches well. Lends itself to pot production. Fleuroselect Quality Mark 2000.

## VICTORIA SERIES

**Blue** 7412  
**Rose** 7410  
**White** 7411

Dwarf 8" plants, self seeding.

## NEPETA

Also see Herb seed section  
Zones 4-9

*N. nervosa*  
68°, L, 21 days  
CROP TIME: PACK: 8 weeks

**Blue Carpet** 7388

Masses of small gray-blue aromatic foliage and an endless yield of spires of lavender-blue flowers. Blooms late first year from a winter sowing.

**Blue Moon** 7387

Similar to above yet earlier to flower by 3-4 weeks.

**Catmint** 7415

This mint relative produces silvery-gray foliage and attractive purplish-blue flowers and will naturalize readily.

**Felix** 8529

*Nepeta x faassenii* is well known for it's long flowering season. Flower colour, intensity and habit are strongly improved with 'Felix'. Stronger lilac-blue and a controlled semi-spreading habit make this variety very suitable for container production.

## GARDEN LEADER

**Garden Leader Pink Caddy** 6108

*N. hybrida*. Numerous light pink flowers on upright stems with aromatic foliage. Grow in combination containers and use in perennial borders. Garden height 18". Hardy to zone 5.

**Pink Cat** 8578

Large pink flower spikes on compact mounded plants. A new attractive color, outstanding in both flower power and flowering time. Pink Cat shows good winter hardiness and fine heat tolerance.

## NIEREMBERGIA

Zone 6-9  
*Nierembergia hippomanica*  
70°, L, 14 to 21 days  
CROP TIME: Pack: 12 weeks  
Photoperiodic, requires long days to flower

**Mont Blanc** 7467

1" white, cup-shaped flowers on compact spreading mounds of 8".

**Purple Robe** 7474

1 1/4" single violet blue star shaped flowers on 8" plants.

**White Robe** 8581

White counterpart of Blue Robe and good replacement for Mont Blanc for which seed is always in short supply. 1 1/4" single white star shaped flowers on 8" plants.

## OENOTHERA

Zone 4-9  
EVENING PRIMROSE, SUNDROPS  
*Oenothera* species  
75°D, 65°N; L; 14 to 21 days  
CROP TIME: PACK: 10 weeks

**Evening Primrose** 7420

*O. missouriensis*, 12" plant with 4-6" lemon yellow flowers.

## GARDEN LEADER

**Garden Leader Magenta** 6188

Rosy red flowers and shiny green foliage on plants that reach 6". Sow seed in January for late May flowers. Great in the garden and also in combination containers.

**Glowing Magenta** 6189

An unusual dwarf *Oenothera* with deep pink flowers and deep green foliage. Blooms on 6" plants in May from a January sowing.

**Lemon Sunset** 7419

*O. longifolia*. Single, poppy like flower opens soft yellow then mature to a sunset red color second year from a May sowing. Plant height is 45". Stems are a rich red color.

**Fruticosa Youngii** 7422

*O. taragonia* Shape: single, poppy like bloom, bright yellow. Height 20".

**Speciosa** 7418

Light pink to white flower, 2nd year late spring.

**Sunset Boulevard** 5073

The striking orange to lemon flowers mature to shades of apricot to red. The flowers are abundantly produced in whorls on strong stems that open during the day.

**Sundrops** 5075

*O. tetragonia*. Bright yellow flowers from reddish buds. 26 inch plants.

## ORNAMENTAL GRASSES

See our complete grass seed assortment in our new Ornamental Grass Section. Annual grasses are also listed in the Annual Flower Seed Section. RS following the part number denotes Advanced Vigor seed.

Germination is faster and yields more transplantable seedlings than Standard seed.

Zone 4-8

70°, L, 14 to 21 days

CROP TIME: Pack: 9 weeks, varies by variety

**Amazon Mist** 3303RS

*Carex*. Handsome "pony tail" type with thin leaves. Bright green terminating in light tan tips. Garden height 28". Advanced Vigor™ seed.

**Blue Fescue** 3322

*Festuca glauca*. Neat compact habit of tight grassy mounds. Foliage color is silver blue. Height: 16"; Spread: 16".

**Blue Grama** 5029

*Bouteloua gracilis*, Perennial oats in sturdy cluster.

**Bronzina** 3321

*Carex tenuisetata*, sedge.

**Bronzita** 3233RS

*Carex tenuisetata*, sedge. Brown leaf with garden height of 18". Advanced Vigor™ seed.

**Bronco** 3254RS

*Carex tenuisetata*, brown leaf sedge. Garden height 12". Advanced Vigor™ seed.

**NEW Buffalo Gold** 3295RS

*Anemathele*. Garden height 24" - 26". Foliage color is green towards gold-bronze; turns gold under high light. Flowers are upright and slightly pendulous. Thrives in full sun, moist but well

drained soil. Use in landscape and combination containers. Crop time is 14 weeks from sowing. Perennial zone 6.

**Coppertop** 3308RS

*Carex*. Tall upright habit with moderately broad green colored leaves with straw colored margin areas. Plant height is 27 inches. Advanced Vigor™ seed.

**Spiky Blue** 6956

*Corynephorus canescens*. Miniature blue fescue. Advanced Vigor™ seed.

**Festina** 3323RS

*F. glauca*. Bluish-green foliage with small flower panicles, 20". Nice blue fescue that shows brighter blue foliage than the standard *Festuca glauca* from seed.

**Frosted Curls** 3324

*Carex tenuisetata*, sedge. Brown leaf with garden height of 12"

**Koeleria Coolio** 3316

*K. glauca*. Short grassy blades in tight clumps. Dense panicles shoot upward from center bearing tight seed heads, 10". For an attractive commercial installation, plant a tree and Coolio down by the school yard.

**Luzuna Lucius** 6410RS

Hardy evergreen perennial grass with long 18" white arching panicles. Advanced Vigor™ seed.

**Luzuna Starmaker** 8531RS

More compact than Lucius listed above. Panicle are more broad and curled. Advanced Vigor™ seed.

**Aureum** 6058

*Millium effusum*. Broad, arching, chartreuse color foliage. Plant height is 12 to 14 inches and forms a 18 to 24 inch wide mound. Hardy to zone 6 and requires soil temperature of 85 (F) for seed germination.

## PAMPAS GRASS

**Pink White** 3318 3319

*Cortaderia selloana* Not reliably hardy North of zone 6. Where Pampas Grass survives, it produces massive mounds of gorgeous feathery plumes. Height: 70-72"; Spread: 48-60".

**Panic Grass** 3309

*Panicum violaceum*, Switch Grass Fountain-like sprays of yellow 6 to 8" plumes with hints of red on 36-42 inch stems.

**Pony Tails** 3232PL

*Stipa tenuissima*, Angels Hair Long wispy plumes narrow and hair-

like 14" to 18" on 40" stems, silvery gold August 1st year from seed. Advanced Vigor™ seed. In multiple seed pellets, and standard grade.

**Red Brome Grass 3304**

*Bromus rubens*. Attractive wisp of light pink flower stalks. Best used for container plantings as Brome grass can become invasive in desert climates. Garden height 16"

**Red Rooster 3251RS**

This *Carex* is an upright growing plant with narrow blades of straw colored epidermis covering the active chlorophyll underneath. The plant appears to be dried but remains actively growing. Tips curl to make a very interesting companion plant in containers. Garden height 27". Advanced Vigor™ seed.

**Ruby Grass 4289**

*Rhynchelitrum repens*. Dramatic impact in the landscape. Features long blooming flowers that are ruby-red, fading to pink or silvery-white, and are born on spectacular 6-10" open panicles. Upright-open habit. Foliage is medium textured, green, and tinged with purple. Height: 2-4 ft; Spread: 3 ft.

**Sideoats Grama 5031**

*Bouteloua curtipendula*. Tall oat grass, very hardy.

**NEW Starhead 3237PL**

*Juncus ensifolius*. Broad leaf perennial grass hardy zones 5 & 6. 8" leaf blades are topped with attractive inflorescence in the form of a starburst. Multiseed pellets.

## PAPAVER

Iceland Poppy see Annual Seed Section

### ORIENTAL POPPY

Zones 2- 7

*Papaver orientalis*

70°, L, 12 days

CROP TIME: PACK: 16 weeks

**Allegro 7435**

Our most popular Oriental poppy. Allegro forms dwarf (16") plants that produce a profusion of scarlet blossoms with dark eyes.

**Beauty of Livermore 7446**

Dark oxblood red flowers on 3-foot vigorous plant.

**Brilliant Red 7450**

Brilliant really is! Vivid fiery red blooms to 6 inches across on robust 36-inch plants.

**Checkers 7423**

Pure silky white flowers marked

inside by the deepest black cross provide the ultimate contrast. July sowing will bloom in the following season on 30" stems.

**Double Tangerine Gem 7400**

Double soft orange blooms on a truly perennial poppy. Uniform in germination, easy to grow and wonderfully attractive flowers. Sow in July for blooms the following summer.

**Flamenco 7430**

Unique mix, consisting of various vivid colors, including pastel pinks and picotee edges. Excellent outdoor variety used in beds. Blooms first year from an early sowing.

### GARDEN LEADER

**Garden Leader Orient Mix 1623PL**

Semi-dwarf plants grow to 24". Colors are red, scarlet, salmon orange, rose, pink, violet and white. Seed is pelleted for easy handling.

**Meadow Pastels 7434**

Mixture containing up to 10 different and distinct colors. Will bloom first season from seed.

**Moondance 7436**

*P. miyabeannum*. Dwarf, compact mound of dense foliage. Small pale yellow blooms in second season.

**Oriental Choice Mix 7440**

Standard height (3') mixture displaying a wide range of colors.

**Pizzicato 7357**

Bred by Tezier of France, semi dwarf mixture of red, orange, salmon, mauve, rose, pink and white all with black centers. Blooms are on sturdy 28" stems. Fleuroselect winner in 1995.

**Solar Fire Orange 7437**

Bright orange with large yellow eye. Early sowing will yield blooms in first season.

**Victoria Louise 7451**

Oriental, salmon flowered, full sized.

## PARACARYUM

Zones 3- 7

ALPINE FLOWER

55°, L, 21 days

CROP TIME: PACK: 21 weeks

**Mediterranean 7433**

Many bright sky blue flowers with dark gentian blue eyes are produced on numerous sprayed stems above silvery-gray foliage. June flowering from previous seasons sowing. 27" plant height.

## PARADISEA

Zones 3- 7

ALPINE FLOWER

55°, L, 21 days

CROP TIME: PACK: 21 weeks

**Liliastrum 6192**

Cone shaped white flowers on 15" plants.

## PENSTEMON

Zone 5-9

BEARD-TONGUE

*Penstemon strictus*

65°, L, 14-21 days

CROP TIME: PACKS: 10 weeks

Assorted hybrid series

**Electric Blue 6067**

**Strictus Violet 7460**

**Violet Dusk 6068**

**Dwarf Hybrids Mix 7465**

2" mostly tubular in terminal racemes similar to snapdragon on 1 to 3 foot stalks midsummer.

**Cambridge Mix 7312**

Genetically compact plant producing flower spikes in blue, purple, pink and rose with gray foliage. Blooms first year, 210 days from sowing.

**Dwarf Navigator 7313**

Compact 10" plants yield a mixture of straight color blooms. Awarded the Fleuroselect Quality Mark.

**Huskers Red Superior 7012RS**

Soft pink flowers in nearly black stems. Garden height 24" Advanced Vigor seeds for highest germination.

**Jingle Bell 7013RS**

Bright scarlet flowers hang from tall thin spikes. Garden Height 50"

**Miniature Bells 6193**

Rose shades, 12".

**Petite Bouquet 7317**

Plants bear attractive tubular flowers. Mixture includes blue,

pink, white, red and deep crimson and bicolors. Plants are 14" and bloom the first year from an early winter sowing.

## TUBULAR BELLS SERIES

**Red 7314RS**

**Rose 7316RS**

**Purple/White 7014RS**

*P. hartwegii*. Tall 20" spikes with drooping tubular flowers all around.

## PEROVSKIA

Zones 5-7

RUSSIAN SAGE

*Perovskia atriplicifolia*

68° covered, 15 to 20 days

CROP TIME: 22-26 weeks

Popular landscaper or accentuating border plant.

**NEW Taiga 7056RS**

Long, deep sky-blue flower spikes over contrasting silver color. Sell in 6" or gallon containers in late spring. Garden height 16-20". Advance Vigor seed for easy and quick germination.

## PETRORHAGIA

Zone 5

TUNIC FLOWER

*Petrorhagia saxifraga*

65°, D, 12 To 14 days

CROP TIME: PACKS: 9 weeks

### GARDEN LEADER

**Garden Leader Peace Pink 4438**

Similar to miniature Baby's Breath. 3/8" pale pink to white, early summer plant covered with hundreds of flowers. Compact 8" clump with many branches of tiny and pin-like leaves. First year bloomer.

**Pink Starlets 6194**

Masses of delicately veined flowers burst through finely cut silvery-green foliage, compact and mounded shaped in habit. 12" July bloom from a January sowing.


### GARDEN LEADER

Banner denotes Garden

Leaders which are the top garden performers.

 Scissors denote Strong stemmed plant that makes good cut flower

 Basket denotes Trailing plant habit suitable for hanging baskets

 Thermometer denotes Energy saving plant that can be grown in cool greenhouses

 Pot/Container denotes Vegetative cutting type plant from seed

 Foliage denotes Ornamental foliage plant

**AAS** All America Selections Winner

**FLS** Fleuroselect Winner

# Perennial Seeds

## PHLOMIS

Zones 5-7  
Lamiaceae  
60°, L, 21 days  
CROP TIME: PACK: 20 weeks

🌸 **Samia** 7830  
40" stems with whorls of creamy brown flowers, shaded pink inside.

## PHLOX

Zones 4-8  
GARDEN PHLOX  
Phlox paniculata = (decussata)  
68°, L, 21 to 28 days  
Chill moistened seed at 34° for 4 weeks before sowing.  
CROP TIME: PACKS: 8-10 weeks

🌸 **New Hybrids Mix** 7470  
Exceptional types, some of the seedlings will prove to be worthy of propagating from cuttings. New Hybrids produces large flower heads in beautiful shades on 32-36" plants.

## PHYSALIS

Tomatillo See Vegetable Seeds  
Zones 3-9  
CHINESE LANTERN, HUSK TOMATO  
Physalis franchetti  
60°, 14 days  
CROP TIME: PACKS: 6 weeks

🌸 🌿 **Chinese Lantern** 7475  
Sow in February or March for July blooms that produce scarlet lantern like seedpods on 24" plants.

🌸 **Miniature Chinese Lantern** 7368  
16" plants well branched.

## PHYSOSTEGIA

Zones 3-9  
FALSE DRAGONHEAD, OBEDIENT PLANT  
Physostegia virginiana  
75° D, 65°, 14 to 21 days  
CROP TIME: PACKS: 10 weeks  
A native of S.E. United States and member of the mint family. Retains decorative seed pods. Late blooming though first year from seed. Flowers into November.

🌸 **Virginia Rose** 7491  
1" single rose pink flowers on 6 to 8" spike. Height: 48 to 52" invasive.

🌸 **Virginia White** 7476  
1" flowers on 8" spike; Color: White. Height: 36" invasive.

## PLATYCODON

Zones 4-8  
CHINESE BELLFLOWER, BALLOON FLOWER  
Platycodon grandiflorus  
65-70°, L, 21 -28 days  
CROP TIME: PACK: 10 weeks  
A January sowing will yield blooming plants from June till frost

USES: A very popular pot plant as well as an exquisite border plant. 8-10" height.

## GARDEN LEADER

🌸 **BALLOON SERIES**  
**Blue** 7488  
**Pink** 7369  
**White** 7489

If you produce blooming perennial pots, the Balloon Series is for you. Large single flowers in blue or white and now pink, born on dwarf compact plants.

🌸 🌿 **FLORIST SERIES**  
**Blue** 7561  
**Pink** 7562  
**White** 7563

Large flowers on tall 24" stems ideal for cutting. Blooms second year from a June sowing.

**Maresii** 7528  
Grandiflorus. Very large flowers on tall 26" stems ideal economical landscape use. Blooms second year from a June sowing.

🌸 **Sentimental Blue** 7471  
F-1 hybrid uniformity and vigor on a densely compact plant. Blooms in May from a December sowing. Very floriferous even the first year. Height: 6-8".

## PLUMBAGO

Zones 6-9  
LEADWORT  
Plumbago capensis  
70° D, 28 days  
CROP TIME: PACK: 8 weeks

🌸 **ESCAPADE SERIES**  
**Blue** 4347  
**White** 4354

Very heat tolerant with open habit and free flowering form. Height 14-18". Suited for containers and combination baskets

## GARDEN LEADER

🌸 🌿 **Garden Leader Z-Scape Plumbago** 4340  
Free-flowering easily grown. Suitable for 4" pots and excellent in the garden. Flowers born in light blue clusters of 1" blooms. Height: 18-28" can grow to 36" in the South where it is also evergreen and woody.

## POLEMONIUM

Zones 4-9  
GREEK VALERIAN, JACOB'S LADDER  
Polemonium species  
68°, D, 21 days  
CROP TIME: PACK: 12 weeks

🌸 **Bambino Blue** 7224  
P.viscosum. Very uniform in flower timing and plant habit. Good container presentation. 12" plant height. Needs long days to flower.

🌸 **Blue Pearl** 7454  
P.caeruleum. Glossy blue in spring-early summer. Height: 18" with underground rhizomes.

🌸 **Blue Whirl** 7499  
P.viscosum. Compact on 12" plants in dense rosettes. Flowers are blue and begin in the first season from seed.

🌸 **Pulcherrimum** 7485  
North American native, easily cultivated. Light blue w/yellow throat. Height: 14".

🌸 **Sulphur Trumpets** 7924  
P.pauciflorum. Yellow with pink blush in spring-early summer, first season. Height: 20".

🌸 **White Pearl** 7453  
P.caeruleum. White flower, spring-early summer first year from February sowing. Height: 30" with underground rhizomes.

## POTENTILLA

Zones 3-9  
CINQUEFOIL  
Potentilla napalensis  
65-70°, 14 to 21 days  
CROP TIME: POT: 12 weeks

**Aurea** 7486  
Dwarf, 18" plants with yellow blooms.

**Melton Fire** 7549  
P.nepalensis. Raspberry red flowers above silvery green foliage. Height, 20".

**Miss Willmott** 4345  
A member of the rose family scarlet flowers in second year. Very hardy and thrives across many climate zones. Flowers second season from a July sowing.

## PRIMULA

Florist Primula, See annual seed  
Zones 3-8  
POLYANTHUS PRIMROSE  
Primula veris  
32,000 seeds/oz.  
60°, L, 21 to 28 days  
CROP TIME: POT: 26 weeks

🌸 **Arctic Mix** 7286  
P.acaulis. Though an acaulis type, this plant has shown consistent tolerance to below freezing temperatures and blooms through heavy frost. Not dependably hardy however.

## GARDEN LEADER

🌸 **SNOW PRIMROSE SERIES**  
**Blue** 6721  
**Red** 6676

**Rose White** 6677  
**Yellow** 6718  
**Mix** 6719  
6675

Great companion to fall Pansy sales for over wintering spring bloom. Shade plant blooms from April through early summer. Finish in 4 inch containers. Blooms first season from a fall sowing. Our selections were made from the best of the Primula veris types. They have the terrific cold tolerance and brightest colors. Early spring flowering, sometimes pushing up through snow cover. Hardy to zone 3 in well drained soil rich in organic material.

🌸 **PACIFIC GIANTS SERIES**  
**Deep Blue** 4613  
**Pink** 4615  
**Mix** 4620

Grow cool to keep flowering stem at proper height. Large clustered globes 4" across on stalks. Height: 8-10".

## PRUNELLA

Zones 4-7  
SELF HEAL  
Prunella grandiflora  
60°, L, 21 days  
CROP TIME: PACK: 12 weeks

🌸 **Bella Deep Rose** 5105  
Plants grow to 8", foliage is an attractive lacy green. Blooms first year with whorls of pink flowers.

🌸 **Freelander** 7289  
1st yr flowering, compact plant mixture of violet, white and pink flowers.

## GARDEN LEADER

🌸 **Garden Leader Premium Blue** 5107  
Dense 3 1/2" upright clusters, midsummer first year from seed.

🌸 **Pagoda Mix** 2645  
Upright clusters, midsummer first year from seed. Colors include white, pink shades and blue shades.

## PULSATILLA

See Anemone  
P.pycnanthemum  
Zones 3-7  
55°, L, 11 days  
CROP TIME: PACK: 18 weeks

🌸 **BELLS SERIES**  
**Red** 6751  
**Violet** 6752

Aromatic plants bloom second second season from a late winter sowing. Plant height is 28".

## PYRETHRUM

Zone 4  
PAINTED DAISY  
*Chrysanthemum coccineum*  
(roseum)  
60°, L. 14-21 Days  
CROP TIME: PACKS: 6-8 weeks  
January sowing will produce marketable plants by May when grown at 55° nights.

### GARDEN LEADER

🌿 **GARDEN LEADER SERIES**  
**Pink** 7537  
**Red** 7533  
**Mix** 7490

High percentage of 2" double blooms which increase each season. Mixed colors. Very reliable and showy.

🌿 **James Kelway** 7484  
Large vermilion red flowers on 36" stems.

🌿 **Robinsons Mix** 7498  
Large single flowers with yellow centers on 24" stems.

## REHMANNIA

Zones 3-7  
*R. angulata*  
65°, L. 21 days  
CROP TIME: PACK: 18 weeks

🌿 **Rufus** 7602  
40" plants support flower spikes of deep rose drooping blooms.

## RHODANTHE

See annual *Helipterum* seed

## ROSA

Zones 5-9  
*R. chinensis*  
68°, L. 21 days  
CROP TIME: PACK: 18 weeks

🌿 **Angel Wings** 5260  
Dwarf hedge rose with fully double flowers and pleasing fragrance. 18-22".

## ROSCOEIA

Zones 5-9  
Zingiberaceae  
60°, L. 21 days  
CROP TIME: PACK: 9 weeks

🌿 **Ariculata** 6198  
Hardy solitary brilliant purple flowers on 18" plants.

## RUDEBECKIA

Also see annual seed section  
BLACK EYED SUSAN, GLORIOSA  
DAISY

## RUDEBECKIA, BIENNIAL RUDEBECKIA HIRTA

68°, 21 days  
CROP TIME: POTS: 16 weeks  
Black-Eyed Susans are popular with bedding plant growers because they can be treated just like annuals. They'll bloom readily from seed and continue to bloom in the garden all season long.

🌿 **Autumn Colors Mix** 7380  
Flower color mixture from yellow to bronze. Height: 14-18"

🌿 **BECKY SERIES**  
**Cinnamon Bicolor** 7597  
**Orange** 7598  
**Yellow** 7599  
**Mix** 7507

Extra dwarf for pot culture. Flower color varies from yellow to bronze all w/eye. Height: 10-12"

🌿 **Cherokee Sunset** 7551  
AAS winner. 3 to 4" yellow, bronze, brown and orange double flower. Height: 22".

🌿 **Cordoba** 7374

Color combination of a red ring on golden yellow petals. The 18 - 20" plants are well branched.

🌿 **Corona** 7322  
Large flowers of golden yellow with a dark eye. The 18 to 20" plants compliment the variety *Sonora* in habit and flower form.

### GARDEN LEADER

🌿 **Garden Leader Gloriosa** 4748

Large plants for naturalizing and large beds  
2"; single gold with bark eye.  
Height: 40".

🌿 **LoGro SERIES**  
**Two-Tone, yel/mahogany** 7804  
**Sunny, yellow** 7807  
**Orange** 7806  
**Mix** 7805

Very large flowers 4 - 6" on compact 8 - 10" plants. Stays compact to a maximum garden height of 10" without the need for growth regulators. Thrives in hot, dry summer conditions. Crop time is 100 days from seed making this an ideal plant to grow and finish for spring sales or from a second sowing to finish with fall garden mums.

🌿 **Indian Summer** 4747  
AAS winner Large blooms, disease and insect resistant. 6-9" single

and semi-double flower, golden yellow with dark brown "eyes", midsummer through frost in fall. Height: 42".

🌿 **Irish Eyes** 7504  
3 1/2 - 4" golden yellow petals with green eye. Height: 36".

🌿 **Prairie Sun** 7542  
AAS winner. 5"; single light green central cone, golden petals having primrose tips. Height: 36".

🌿 **Sonora** 7529  
Fluoreselect quality mark. Extraordinary color combination with large mahogany ring on bright golden yellow petals. Plants are 18-20" tall with blooms of 6". Great impulse item when offered full bloom in 8 to 10" pots.

🌿 **Spotlight** 7323  
Compact 10" plants flower in 80 days. 3" blooms have golden yellow petals with mahogany centers and dark eyes. Sells well in 4" to 5" pots.

## RUDEBECKIA, PERENNIAL

Zones 3-9  
YELLOW CONEFLOWER  
*Rudbeckia fulgida*  
40° 30 days; 75°D, 65°N 21 days  
CROP TIME: PACK: 12 weeks

The hardy true perennial *Rudbeckias* are a complex group encompassing some of our most popular perennials. These types make excellent and long-lived borders or accents.

🌿 **Goldsturm** 7505RS  
5" single bloom golden yellow with brown eye. Height: 24". We list our Advanced Vigor seed here because of its superior germination and higher number of transplantable seedlings. We also carry standard grade seed.

🌿 **Green Wizard** 7503  
Small hidden petals surround black cones. Height: 24".

🌿 **Yellow Coneflower** 7500  
*Rudbeckia neumannii*. 3" single bright yellow with dark cone. Height: 48".

## SAGINA

Zones 4-9  
IRISH MOSS, PEARL WORT  
*Sagina subulata*  
55°, 12 days  
CROP TIME: PACK: 10 weeks

🌿 **Crispy** 7492  
More compact and uniform flowering selection of Irish Moss.

🌿 **Irish Moss** 7493  
White July flowering. Height: 2" creeping ground cover.

## SALVIA

Annual *Salvia* species see Annual Seed Section  
Zones 6-9  
*Salvia* species  
85° 2 days, L. 75° 14-21 days  
CROP TIME: PACK: 12 weeks  
A popular tender perennial grown in the North as an annual. Good heat tolerance in the South.

**NEW Adora Blue** 7409  
*S. superba*. A dense clumping habit and an early profusion of flower spikes, growers and gardeners will adore the new Adora Blue. First season blooming provides deep, violet blue flower petals that unfold on upright flower spikes. Lasting color through May and June. Garden height 12" to 14".

🌿 **Blue Spires** 7513  
*S. transylvanica*. "Blue Cloud" Light blue flowers on 1-1/2 to 2-foot spikes. Square stems are dark purple. Leaves are oval shaped on upright plants. Sun to partial shade.

### GARDEN LEADER

🌿 **GARDEN LEADER QUEEN SERIES**  
**Blue** 7509  
**Rose** 7508

(Z-Scape Queen Sage) Hardy *Salvia* species, *S. nemorosa* flowers first season. Formerly Z-Scape Queen Sage Series. Flower similar to *Victoria*. 1" blooms on 12" spikes, blooms in midsummer. Height: 22".

🌿 **Merleau** 8439  
*S. nemorosa*. Deep blue flowers over contrasting deep green foliage. Flowers rapidly the first season under long days. Garden height is 12 to 14" and works well in gardens and combination containers.

🌿 **Patens** 7494  
Bright blue 2-2-3/4" flowers on 1-1/2 to 3-foot spikes. Leaves are oval shaped on upright plants. Sun to partial shade.

🌿 **Prairie Fire** 6200  
*S. roemeriana*. Deep scarlet flowers on semi-dwarf, ground hugging plants.

🌿 **Purple Volcano** 4805  
*S. lyrata*. Deep purple ornamental foliage for container combinations and landscapes. Plant height 10", flower spikes to 14", flowers are small. The plant is grown for it's attractive foliage.

🌿 **SELECT SERIES**  
**Blue** 4808  
**Rose** 4810

# Perennial Seeds

*S. nemorosa*. Perennial border plant flowering June-September. Flower in first year.

## SANTOLINA

Zones 6-9  
LAVENDER COTTON, HOLY FLAX  
*Santolina chamaecyparissus*  
65°, D, 12 days  
CROP TIME: PACK: 12 weeks  
(green)

### 🌿 Lavender Cotton 7515

Strong herbal lavender scent. May not flower 1st year from seed. Button-like yellow 1" flowers on short stalks. Low-growing, mounded habit; Height: 12" silvery gray, evergreen foliage.

### 🌿 Tomentosa 7589

Silver foliage evergreen, 14" shrub with yellow flowers.

## SAPONARIA

Zones 4-9  
SOAPWORT  
*Saponaria ocymoides*  
62°, D, 21 days  
CROP TIME: PACK: 12 weeks  
(green)

### 🌿 Oxymoides 7516

Easy to grow groundcover. 3/4" pink flowers completely covering foliage. Creeping mound, 12", Spread: 24".

## SAXIFRAGA

Zones 6-9  
SAXIFRAGE, ROCKFOIL  
*Saxifraga arendsii*  
65-75°, 14 to 21 days  
CROP TIME: PACK: 9 weeks  
(green)

### 🌿 Flower Carpet 7518

1/4 to 1/2" pink flowers on racemes. 3" creeping habit but does not intrude on other plants.

### 🌿 Mossy Species Mixed 7522

Pink, white, purple, yellow flowers, fleshy with soft runners.

### 🌿 Purple Robe 7519

Carmine red shaded petals form second year in April.

## SCABIOSA

Zone 4-8  
SWEET SCABIOUS, MORNING BRIDE  
*Scabiosa caucasica*  
65-70°, L, 14-21 days  
CROP TIME: PACK: 12 weeks

### 🌿 Blue Diamonds 4697

### 🌿 Pink Diamonds 7241

*S. japonica alba*. The most uniform variety to date also the most compact in habit. 10" plants are basal branched with dense dark green foliage. Flowers are born on short sturdy stems.

### 🌿 Beaujolais Bonnets 7324

Unusual rich burgundy flowers with contrasting paler outer petals and white stamens. First year flowering from a Jan. through March sowing. Ideal for pots, containers and garden borders. Final garden height 60cm / 24"

### 🌿 Fama 7530

Deep rich blue flowers born on strong 20-inch stems. Excellent long-lasting cutflower. A superior select European strain.

## 🌿 GARDEN LEADER

### 🌿 Garden Leader Mix 5987

Longer flowering and more flowers than other strains. 2" crested daisy flowers, blue and lavender shades. Height: 18".

### 🌿 Giant Imperial Mix 4838

Blue and lavender shades. Height: 24".

### Isaac House's Hybrids 7535

July-August bloom of 2" crested daisy flowers in blue and lavender shades. Height: 18".

## 🌿 PERFECTA SERIES

### Alba white 7540

### Clear Blue 7229

### Dk Lavender 7235

### Lilac 7541

Bears large 2-1/2 to 3-inch flowers on long 18 to 24-inch stems. Bloom begins in July and lasts through August. Excellent cutflower selection.

## 🌿 QIS SERIES

### Deep Red 7245

### Dk Blue 7246

### Salmon Pink 7249

### Scarlet 7250

### Mix 7247

2-1/2 to 3-inch flowers on long 18 to 24-inch stems. Bloom begins in July and lasts through August. Very uniform in plant size and flower timing. Excellent cutflower or tall garden plants.

### 🌿 Ritz 8584

Delicate sky blue pincushion flowers abound above the glossy green leaves. Naturally compact at a maximum garden height of 8". Full sun to part shade culture, perfect for low borders and combination plantings.

## SCUTELLARIA

Zones 4-9  
*Scutellaria* species  
70°, 14 to 21 days  
CROP TIME: PACK: 14 weeks

### 🌿 Oriental Blue 7524

*S. baicalensis*. Erect stems covered with blooms in July. Bright purple with white beard. Height: 16".

## SEDUM

Zones 3-9  
STONECROP  
*Sedum* species  
65°, L, 14 Days  
CROP TIME: PACK: 10 weeks  
Sedums make terrific hardy rock garden specimens. The red-flowered forms are one of the best-selling perennials.

### 🌿 Acre 7545

Carpet-forming evergreen with 3" yellow flowers, blooms second season.

### 🌿 Aizoon 7566

Erect stems of 16" topped with yellow flower clusters second season.

### 🌿 Dragon's Blood 7550

*S. spurium* cv. 'Coccineum'  
Produces coral red flowers on spreading 4-6" plants.

## 🌿 GARDEN LEADER

### 🌿 Garden Leader Gold 7557

An excellent selection of low-growing *S. acre*. 5" plants with evergreen foliage and clear yellow blooms. This one was a standout in perennial rock gardens for flower show and hardiness.

### 🌿 Golden Carpet 7555

*S. acre*. Very popular perennial that produces a creeping 3" carpet of mossy leaves with small bright yellow flowers.

### 🌿 Many Species Mix 7560

By far our best value in sedum seeds, this hardy mixture produces blooms in red and yellow shades on prostrate 2-5" plants.

### NEW Oracle 7487

*S. forsterianum*. Silver-green tight whorls of succulent foliage yields bright yellow flowers in late summer. Plant height 4" to 6". Ideal for the rock garden in arid climates. Zone 4-9.

### 🌿 Purple Carpet 7556

*S. spurium splendens*. Purple-rose flowers over ground cover plants with succulent foliage.

### 🌿 Reflexum 7546

Stone orpine. Yellow flowers tip trailing stems in the second season.

### 🌿 Selise 7567

*S. selkiamum*. Yellow flowers over waxy green succulent foliage. 4-6" height.

### 🌿 Voodoo 7554

*S. spurium*. The deep intense red leaf color of Voodoo creates an almost magical contrast with the bright rose colored flowers. Thrives in hot sunny locations. Long lived garden perennial.

## SEMPERVIVUM

Zones 4-10  
HENS AND CHICKS  
*Sempervivum* species  
68°, L, 14 days  
CROP TIME: PACK: 14 weeks

### 🌿 Hardy Species Mix 7565

An excellent mixture of low-growing 3-4" plants with attractive rosettes and flowers in pink, yellow, cream and red.

## SHAMROCK

Zones 4-9  
IRISH SHAMROCK  
*Trifolium procubens*  
68°, D, 10 days  
CROP TIME: POT: 12 weeks

### 🌿 Irish Shamrock 6390

Yellow clover flower on compact 6" rosette of Kelly green.

## SHASTA DAISY

See Chrysanthemum

## SIDALCEA

Zones 4-9  
CHECKERBLOOM, MINIATURE HOLLYHOCK  
*Sidalcea malviflora* x '*Listera*'  
68°, D, 14 days  
CROP TIME: 12 weeks

### 🌿 Starks Hybrids 7570

Single rose, pink and light pink hollyhock on tall 36" stems.

## SILENE

Zones 5-6  
MAIDEN'S TEARS, CATCH FLY  
*Silene vulgaris*  
70°, 14 to 21 days  
CROP TIME: PACK: 12 weeks  
(green)

### 🌿 Ice Cups 7559

*S. maritima*. Small white upturned flowers on delicate stems over 8" plants.

### 🌿 Moss Champion Schaffa 7574

Low growing foliage in rosettes, height 6". Blooms bright pink 3/4".

### 🌿 Orientalis 7573

24" stems hold 3 to 4" clusters in dense forming heads of crimson rose from June through July.

**Shell Pink 6201**  
Hot Pink flowers smother compact mound shaped plants. High impact variety that will brighten any dull border all summer long. Blooms first season.

## SISYRINCHIUM

Zones 8-9  
S. californicum  
65°, L, 9 days  
CROP TIME: PACK: 6 weeks

**Yellow Stone 7553**  
Handsome petite Iris-like plants with yellow blooms, 4" tall bloom in first season from winter sowing.

## SOLIDAGO

Zones 4-9  
GOLDENROD  
Solidago canadensis  
68°, 14 to 21 days  
CROP TIME: PACK: 10 weeks (green)

**Baby Gold 7580**  
1/4" yellow bloom on 4" upright clusters. Height: 18".

## SPHAERALCE

Zones 4-9  
Malvaceae  
S. incana  
62°, 14 days  
CROP TIME: PACK: 8 weeks

**Orange Crush 7591**  
A unique and stunning combination of soft orange-red flowers and gray-green foliage. 24-36 inches.

## STACHYS

Zones 3-9  
LAMB'S EAR, WOUNDWORT  
Stachys lantana=byzantina  
66°, L, 14 days  
CROP TIME: PACK: 10 weeks

**Lamb's Ear 7585**  
Grown for decorative woolly foliage. Spiked raceme with small purple clustered 1/2" flower.

## STATICE

Zones 5-9  
GENERAL STATICE CULTURE:  
Germination will occur from 10 to 21 days after sowing. Temperatures 65-70°. No special lighting is required for germination. Cool weather is important during the first 8 to 12 weeks after transplanting, 50 to 55°. These temperatures initiate the most flower stalks. Some varieties take 3 full seasons to produce cuttable stalks. Winters during this time must be cool, 40°. Fertilizer requirements are generally low for all varieties.

**German Statice 7610**  
Limonium tatarica. German statice is probably the most widely used perennial statice. Attractive silvery white flower heads are produced in dense sprays. Habit: rosettes of broad leaves; Height: 18-20"; Spread: 12-14".

**Perezii 7595**  
Limonium perezii. Perezii produces long sprays of bright blue flowers. Germination is generally low and erratic, even with cleaned seed. Height: 36-42"; Spread: 12-15".

**Sea Lavender 7590**  
Limonium latifolia. Attractive large lavender florets born in sprays that reach 24" long. Starts to bear flowers in the second year. Height: 18-24"; Spread: 15-18".

**Siberian Statice 7608**  
Limonium gmelinii. Unique perennial statice bearing small light blue flowers. Well-branched flower spikes bear an abundance of 2 to 3 flowered spikelets. Similar to Sea Lavender but with larger sprays and larger individual florets. Height: 24-28"; Spread: 18-20".

**Woodcreek 5240**  
Limonium dumosum;  
Bred by Mike Wallace of Woodcreek Farm. Unique flower form. Very large white mushroom-shaped flower heads 24" high, up to 36" across.

## SWEET PEA

Also See Annual Sweet Pea Seed Section  
Zones 4-8  
Lathyrus latifolius  
65°, 14 to 21 days

**HARDY SWEET PEA**  
**Pink 7262**  
**Red 7263**  
**White 7261**  
**Mix 7265**

Long stalked 1-1/2" clusters. Height: 9'. A rambling trailer that clings with tendrils.

## TANACETUM

Zones 3-9  
FEVERFEW, GOLDEN-FEATHER  
Tanacetum parthenium (Chrysanthemum parthenium) (Matricaria eximia)  
CROP TIME: PACK: 12 weeks

**Gold Ball 7395**  
**Snow Ball 7396**  
1" globe in dense sprays. Height: 22".

**Santana Yellow 7359**  
Double flowers on day-neutral plants. Compact 9" plants.

**Ultra White 7385**  
Full-double flower, creamy-white, 24" cutflower type.

**White Star 7394**  
Dwarf, 10" double-flowered.

**Fern Leaved Tansy 7615**  
Tanacetum vulgare. Tiny yellow daisies in butter like heads, aromatic fragrance. 30" invasive.

## TELEKIA

Zones 5-7  
OXEYE DAISY  
60°, L, 21 days  
CROP TIME: PACK: 18 weeks

**Speciosa 8049**  
Orange flowers with narrow petals on 60" stems. Leaves have a pleasant aroma.

## TEUCRIUM

Zones 5-6  
GERMANDER  
Teucrium chamaedrys  
68°, L, 21 days  
CROP TIME: PACK: 9 weeks (green)

**Chamaedrys 7616**  
3/4" reddish purple bloom on 7" spike. 24" prostrate evergreen plant.

## THALICTRUM

Zones 5-6  
MEADOW RUE  
Thalictrum species  
70°, 14 days  
CROP TIME: PACK: 9 weeks (green)

**Aquilegifolium 7620**  
1/2" flowers in 4" rose to white clusters with bright yellow anthers resemble ageratum. 36" stalk.

**Dipterocorpus 7625**  
delavayi. Graceful sprays of rosy lilac. Height: 48".

## THERMOPSIS

Zones 3-8  
FALSE LUPINE, CAROLINA LUPINE  
Thermopsis lanceolata  
68°, 14 to 21 days  
CROP TIME: PACK: 11 weeks (green)

**Lanceolata 7627**  
Open yellow lupine-type 9" spikes.

## TRACHELIUM

Zones 7-9  
UMBRELLA FLOWER  
Trachelium caeruleum  
60-70°, 14 to 21 days  
CROP TIME: PACK: 12 weeks (green)

Trachelium is currently a very popular cut flower here and in Europe and Asia. Its perennial habit in the south makes it a very nice garden specimen.

## DEVOTION SERIES

**Blue 7617PL**  
**Purple 7618PL**  
**White 7619PL**

Uniform habit well suited for container culture. Loose 6-8" umbel; Height: 24 - 30".

**Purple Umbrella 7632**  
Umbel size 6-8". Height: 24-30" with a spread of 18-20".

## TRADESCANTIA

Zones 4-8  
SPIDERWORT, WIDOW'S TEARS  
Tradescantia virginiana x andersoniana  
70°, D, 14 days  
Presoak in water 3 days before sowing  
CROP TIME: 14 weeks

**Shimmer Mix 7628**  
Mix of white pink, rose and purple first year from seed. 24" grass-like clumps. Best in well drained area; cut back foliage after flowering to produce a neater clump.

**Virginia 7629**  
Color varies pink thru blue on grass-like clumps.

## TRIFOLIUM

Also see Shamrock  
Zones 3-9  
ORNAMENTAL CLOVER  
Trifolium rubens  
30°, 14 to 21 days then 68° 14 days  
CROP TIME: PACK: 16 weeks (green)

**Red Feathers 7634**  
2" rosy pink flowers. Season: Sow in May for flowering the following May. Height: 22".

## TROLLIUS

Zones 4-9  
BUTTERCUP, GLOBE FLOWER  
T. europaeus  
68°, L, 14 days  
CROP TIME: 18 weeks

**Europeus 7641**  
Wild form naturalizes easily around moist areas and slow moving stream banks. 18".

**Golden Queen 7645RS**  
Large flower cultivar. 20". Now in higher germ primed seed.

# Perennial Seeds

## TUNICA

Zones 4-9  
COAT FLOWER, TUNIC FLOWER  
*Petrorhagia* x '*Saxifraga*'  
68°, L, 14 days  
CROP TIME: 18 weeks

✿ **Saxifraga** 7636  
Tiny pink flowers cover 9" foliage.

## VERBASCUM

Zones 6-9  
MULLEIN  
*Verbascum* species  
68°, D, 28 days  
Prefers well drained soil, not cold nor wet.  
CROP TIME: PACK: 11 weeks (green)

✿ **Banana Custard** 7659  
*V. hybrida*. Single soft yellow flowers open in clusters along tall 14" spikes. June flowers from a January sowing. Height: 72".

✿ **Flush of White** 7648  
*V. phoeniceum*. First available separate color of this species. Single white flowers open in clusters along tall spikes. Height: 20".

✿ **V. olympicum** 7650  
Single deep yellow blooms with distinctive hairy stamens born on branching 8" spikes. Height: 48", woolly foliage.

✿ **V. phoeniceum** 7655  
Single rose, red or violet shades blooms, having 1/2" stamens born on 6" branching spikes. Height 36".

✿ **Southern Charm** 7651PL  
Yellow, lavender and peach. Pelleted seed.

## VERBENA

Zones 6-10  
VERVAIN  
*Verbena* species  
34°, 7 days; 68°; D; 21 to 28 days  
CROP TIME: PACK: 12 weeks (green)

✿ **Buenos Aires** 7669  
Small blue flowers on tall panicle, indeterminate branching to 5 feet.

✿ **Rigida Venosa** 7656  
Lilac blue, 12"

## VERONICA

Zones 5-9  
SPEEDWELL, BROOKLIME  
*Veronica* species  
60°, L, 28 days  
CROP TIME: PACK: 12 weeks (green)

## VERONICA, CREEPING

✿ **Nestor** 7667  
*V. prostrata*. Pale blue flower spikes rise to 8". Bloom in profusion first year from seed.

✿ **Repens** 7662  
Not dependably winter hardy. Small open light blue to white blooms on short 3" racemes. Blooms first season from seed

## VERONICA, UPRIGHT

### GARDEN LEADER

✿ **Garden Leader Light Blue** 7652  
More hardy than other strains, more flowers too. Height 18"

✿ **Blue Bouquet** 5994PL  
Shipped as pelleted seed only. Easy to grow perennial; will flower the first year. Beautiful tapered blue spikes covered with numerous small florets, complimented by deep glossy green foliage. An excellent spicata variety.

✿ **Blue Streak** 7671  
*V. genatianoides*. 6 to 8" spike of lavender blue flowers with gentian blue veins. From a May sowing flowers following May. Height: 14".

✿ **Ramona** 7668  
*V. gentianoides*. Nice upright spikes of clean white. Blooms first season from a winter sowing. Height: 14-16".

✿ **Sightseeing** 7654  
*V. spicata*. Blue, pink, rose, white spikes 24".

✿ **SPICATA**  
**Alba, white** 7663  
**Blue Shades** 7670  
**Rosea, brt rose** 7666  
1/2" flowers surround 24" stalk.

✿ **Teucrium Royal Blue** 7664  
Also listed as *Veronica austriaca* ssp. *teucrium*. Thrives in dry loam soil in full sun  
1/2" royal blue flowers on 30" stalk.

## VIOLA

Also Annual seed section  
Zones 5 - 9  
JUMP-UPS  
*Viola* species  
34° 14 days; 65° 21 days  
CROP TIME: PACK: 12 weeks  
January sowing will produce blooming plants in March and April of either cornuta or tricolor types. For years a perennial

staple, *Violas* always have a ready market. Our selections of these popular and unusual *violas* come from only the finest European producers. You will be pleased with the performance of these popular and unique strains.

✿ **Arkwright Ruby** 7691  
Large flowered bright maroon with a dark eye. Good compact habit. Height 8 inches. Excellent for bedding.

✿ **Chantreyland** 7692  
Extra large flowered apricot. Well branched and free blooming.

✿ **Cornetto** 7801  
*V. cornuta*. Attractive paperwhite color and unique, open flower shape. Strong appearance in containers and hanging baskets. Good item for mixed perennial sales. First year flowering.

✿ **Flamecheck Apricot** 6207  
*V. sororaria*. Compact clump forming plants with dark green foliage smothered in masses of attractive soft apricot flowers. The first apricot color *viola* to come true from seed.

✿ **Freckles** 6027  
*V. sororaria*. 3/4" white with gentian splashes. Sow in April for flowering in spring of next season.

✿ **Fuji Dawn** 6208  
Numerous dark purple flowers first year from seed. The foliage is a fascinating transformation though the season, emerging pink then maturing to a green and white variegation until fully maturing to solid green.

### GARDEN LEADER

✿ **Grimes Special Mix** 7690  
A collection of very unique varieties, most of which are not available as separate colors.

✿ **Johnny Jump Up** 7715  
(Helen Mount) tricolor blooms.

✿ **PERFECTION SERIES**  
**Blue** 7694  
**Yellow** 7696  
Very hardy clear colors.

✿ **Prince John** 7725  
Golden yellow.

✿ **Soft Lilac** 6204  
*V. jooi*. Dainty soft lilac-mauve flowers with a cream center and purple veins sit just above unusual lanceolate mid-green foliage.

✿ **Stylettas** 6028  
Vigorous plant with silvery gray marbled foliage and clear mauve

pink, charming *viola* like flowers. Height 8". Prechill seed at 32° for 3 weeks then move to 70° till germination is complete. Continue to grow at 68°. Best sown in October for spring sales.

✿ **Teesdale** 6210  
*V. rupestris*. The fragrant clear rose flowers have a large white eye, over compact mound habit of rich heart shaped foliage, a unique and rare violet.

## VIOLA, TRAILING ALPINE TYPES

✿ **Blackjack** 7730  
Spreading habit ideal for baskets and basket fillers.

✿ **Felix** 7638  
Profusion of tiny Jump-Up flowers on spreading plants.

✿ **Moonbeam** 7732  
Blue with eye and excellent trailing habit for baskets.

✿ **SPLENDID SERIES**  
**Blue & Yellow** 6036  
**White** 6037  
**Yellow** 6038

Fantastic creeping habit useful as a ground cover or in hanging baskets.

✿ **Sunbeam** 7734  
Bright clear yellow and excellent trailing habit for baskets.

✿ **Starbeam** 7741  
Profusion of white flowers.

## XEROPHYLLUM

Zones 5 - 9  
65°, L, 11 days  
CROP TIME: PACK: 9 weeks

✿ **Tenax** 6209  
White and blue flowers on 48" spikes over grass-like foliage.

## ZANTEDESCHIA

CALLA LILY  
*Z. aethiopica*  
68° to 76°, covered, 20 days  
CROP TIME: POT: 18 months to flower from seed

**Marshmallow Pink** 6103  
Second season flowering, white Calla Lily from seed. Use as a container plant suitable as a cut flower. Hardy in Zone 8. Over winter young plants in a warm greenhouse in the north. Flower is a single white calyx on 18" - 24" stalk.