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#### **F1 AGERATUM HOUSTONIANUM** | BEDDING | CUT FLOWER | POTTED CROP

- The first F1 triploid ageratum for cut flower cultivation
- Larger blooms than traditional ageratum
- Very vigorous and easy to cultivate
- Tall growing, with sturdy stems and numerous branches

MINIMUM GERM: 90%

**SEED FORM:** Standard, Pelleted

**CROP TIME:** Summer 12 Weeks, Winter 15 Weeks

STEM LENGTH: 30"

**SPACING:** 4 x 4" Single Stem, 8 x 8 Multi Stem

COLORS / MIXES: 1/0







#### F1 ANEMONE CORONARIA I CUT FLOWER

- New Gemstone cut flower anemone boasts large flower size: 4 to 5 inches
- Suitable for higher density production, bringing more profit for growers
- Longer harvest window offers an advantage for growers, extending shipment season
- Offers unique holiday promotion opportunities

MINIMUM GERM: 90% SEED FORM: Raw

CROP TIME: 20 - 22 weeks
STEM LENGTH: 15" - 18"
SPACING: 6" × 6"
COLORS / MIXES: 4 / 0



BLUE



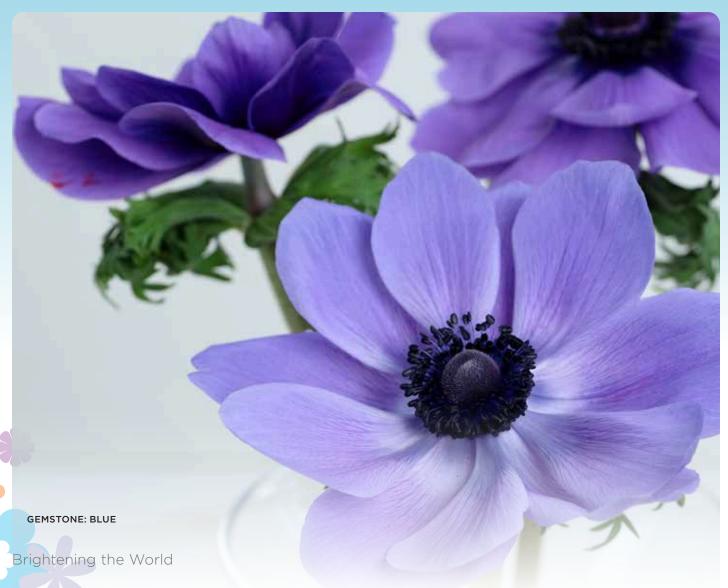
RED BICOLOR







WHITE







BLUE PVPAF SAKOST049



LIGHT BLUE



PINK PVPAF SAKOST046



ROSE





SHELL PINK PVPAF 202000001



SCARLET





WHITE PVPAF SAKOST047



MIX

### BONITA

#### CALLISTEPHUS CHINENSIS | CUT FLOWER | POTTED CROP

- Beautiful, fully-double pompom flowers color completely
- Flowers are held at a perfect angle for maximum impact
- No need to remove the center flower bud, but stem presentation is better if this bud is removed
- Can be grown as a pot crop using modified culture
- Fusarium tolerant

MINIMUM GERM: SEED FORM: Pelleted

CROP TIME: Winter to Spring 15 Weeks

STEM LENGTH: 36 - 40" SPACING: 4 x 5" COLORS / MIXES: 9/1





## **MATSUMOTO**

#### **CALLISTEPHUS CHINENSIS I CUT FLOWER**

- Don't be fooled by cheap copies, this is the REAL Matsumoto!
- · Easy to program, and stem height can be manipulated with various growing techniques
- · Strong, long stems with an upright flowering habit
- Production cycle is approximately 14 weeks in spring or when produced with day length manipulation
- Fusarium tolerant

MINIMUM GERM: 80% SEED FORM: Raw 15 Weeks CROP TIME: STEM LENGTH: 30 - 36" SPACING: 4 x 5"

COLORS / MIXES: 10 / 1 (Mix not shown)

BLUE

SCARLET



APRICOT



LIGHT BLUE





### **CALLISTEPHUS CHINENSIS I CUT FLOWER**

#### · Offers a spray habit with an abundance of semidouble flowers on a single stem

• Production cycle is approximately 14 weeks in spring or when produced with day length manipulation

SERENADE

• Fusarium tolerant

MINIMUM GERM: 80% SEED FORM: Raw CROP TIME: 13 Weeks 30 - 36" STEM LENGTH: 4 x 5" SPACING: COLORS / MIXES: 9/1



BLUE

**BLUE TIPPED WHITE** 

RED

WHITE



RED





MIX



BLUE TIPPED WHITE



ROSE US 200000281





DEEP ROSE



ROSE TIPPED WHITE



YELLOW





#### F1 CAMPANULA MEDIUM ANNUUM I CUT FLOWER

- Easy and economical to produce with moderate temperatures (55°F/13°C) & photoperiod manipulation
- Sow mid-August to mid-February for flowering from late late-December through June
- Hard flower petals hold up well in shipping and provide excellent vase life
- Standard campanula cut flower with large flower cups
- Flowers 19 weeks after sowing

MINIMUM GERM: 80% SEED FORM: Pelleted

CROP TIME: Winter to Spring 19 Weeks

STEM LENGTH: 36 - 40" SPACING: 5 x 5" COLORS / MIXES: 3 / 0





PINK



LAVENDER



#### F1 CAMPANULA MEDIUM ANNUUM I CUT FLOWER

- Great plug performance
- Uniform, shorter flowering window; quicker cycle for growers
- Uniform plant height with upward-facing flowers makes for better transportation
- Series includes five colors

MINIMUM GERM: 80% SEED FORM: Pelleted

CROP TIME: Winter to Spring 18 Weeks

STEM LENGTH: 36 - 40" SPACING: 5 x 5" COLORS / MIXES: 5 / 0



DEEP BLUE













PINK



#### F1 CAMPANULA MEDIUM ANNUUM I CUT FLOWER

- Easy and economical to produce with moderate temperatures (55°F/13°C) and photoperiod manipulation
- Sow mid-August to mid-February for flowering from late-December through June
- Hard flower petals hold up well in shipping and provide excellent vase life
- Bouquet type with smaller, more abundant flowers and short peduncles
- Thinner, flexible stems weigh less reducing transportation costs
- Flowers a week earlier than Champion

MINIMUM GERM: 80% Pelleted SEED FORM:

Winter to Spring 18 Weeks CROP TIME:

36 - 40" STEM LENGTH: 5 x 5" SPACING: COLORS / MIXES: 5/1



















#### **CELOSIA ARGENTEA CRISTATA I CUT FLOWER**

- Can be direct sown in the cut flower bed or field and is very well suited to production in areas with high temperatures
- · Dense plantings produce strong stems and quality cuts
- Very uniform in growth pattern

MINIMUM GERM: 85% SEED FORM: Raw

Spring to Summer 9 - 10 Weeks CROP TIME:

STEM LENGTH: 24" SPACING: 4 x 4 "

**COLORS / MIXES:** 6 / 1 (Persimmon not shown)















MIX



#### F1 DELPHINIUM ELATUM I CUT FLOWER

- Ideally suited for winter production and will flower with a minimum of 10 hours of day length
- Suitable for tunnel, greenhouse and field production
- Extremely stable and especially bred for short-day production schedules
- F1 hybrid vigor guarantees good results from subsequent flushes following first harvest

MINIMUM GERM: 85% SEED FORM:

CROP TIME: Fall to Spring 16 - 18 Weeks

STEM LENGTH: 48 - 60" SPACING: COLORS / MIXES: 3 / 0









WHITE SHADES





#### F1 DELPHINIUM GRANDIFLORUM | CUT FLOWER | POTTED CROP

- Early blooming
- Delicate star-shaped flowers
- Perfect bouquet component
- Versatile! Great as a cut, bedding or potted crop

MINIMUM GERM: 85% SEED FORM: Raw

 CROP TIME:
 18 - 20 Weeks

 STEM LENGTH:
 25 - 40"

 SPACING:
 8 x 8"

 COLORS / MIXES:
 2 / 0

BEDDING PLANT SPECS
CONTAINER SIZE: Gallon
PLANT HEIGHT: 16 - 20"
PLANT WIDTH: 8 - 10"



BLUE



LIGHT PINK



#### F1 BRASSICA OLERACEA I CUT FLOWER

- A new cabbage that offers a unique and on-trend look to arrangements
- Stems grow straight—easy to cut and bunch!
- White color holds in any light condition
- · Flowers are pure white with a soft pink center

MINIMUM GERM: 90% SEED FORM: Raw

CROP TIME: Summer to Fall 16 - 17 Weeks

 STEM LENGTH:
 25 - 30"

 SPACING:
 4 x 4"

 COLORS / MIXES:
 3 / 0



PURE WHITE

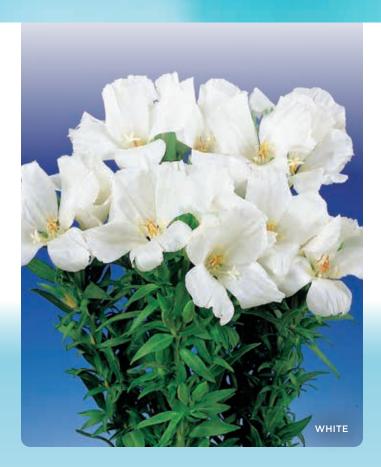


RED



WHITE





# **GRACE**

#### F1 CLARKIA AMOENA I CUT FLOWER

- Lateral branching produces up to 15 stems, carrying 5 or 6 solid clusters of blooms
- Suitable for high-density packing and shipping over long distances
- Grow year-round with the use of daylength manipulation
- Best grown at 60 65°/15 18°C day, 50°F/10°C night, ideal temperature should not exceed 75°F/25°C

MINIMUM GERM: 85% SEED FORM: Raw

CROP TIME: Winter to Spring 15 - 21 Weeks

**STEM LENGTH:** 24 - 30" 4 x 4" SPACING: COLORS / MIXES: 7/1



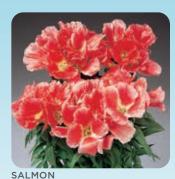
LAVENDER



RED



ROSE/PINK













### VOYAGE 2

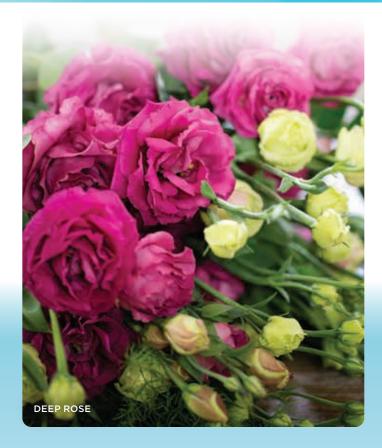
#### F1 EUSTOMA GRANDIFLORUM I CUT FLOWER

- Group 2 / Double Flowers
- Large, fringed, gorgeous flowers
- Strong petals withstand the rigors of shipping
- Great, top flowering habit

MINIMUM GERM: 80% SEED FORM: Pelleted

Spring to Mid-Summer 22 - 24 Weeks CROP TIME:

STEM LENGTH: 24 - 36" 4 x 6" SPACING: COLORS / MIXES: 9 / 0







CHAMPAGNE









LIGHT APRICOT







YELLOW II





- Group 2 / Spray Double Flower
- Suitable for spring and early summer flowering









**SAPPHIRE** 



BLUE FLASH





PINK FLASH



WHITE







PURPLE



### ROSITA° 1, 2 & 3

#### F1 EUSTOMA GRANDIFLORUM I CUT FLOWER

- The Rosita® family, along with Excalibur, is the standard in double-flowered lisianthus
- Thick petals, top flowering and strong stems make for easy transport without botrytis problems
- Medium-sized, rose-shaped flowers
- Excellent vase life with more usable buds

MINIMUM GERM: 80% SEED FORM: Pelleted

ROSITA 1 CROP TIME: Winter to Spring 22 - 24 Weeks **ROSITA 2 CROP TIME:** Spring to Mid-Summer 22 - 24 Weeks

**ROSITA 3 CROP TIME:** Summer to Fall 22 - 24 Weeks

STEM LENGTH: SPACING: ROSITA 1 COLORS / MIXES: 4 / 0 ROSITA 2 COLORS / MIXES: 12 / 0 ROSITA 3 COLORS / MIXES: 7 / 0

### ROSITA® 1

- Group 1 / Spray Double Flower
- Suitable for spring flowering





**ROSE PINK** 



PINK PICOTEE





### ROSITA® 3

- Group 3 / Spray Double Flower
- Suitable for spring and early summer flowering



**BLUE IMPORVED** 



GREEN



AVENDER



PINE



PURE WHITE



RED



YELLOW







- Group 1 / Standard Double Flower
- Unique colors and patterns with more usable buds
- Thick flower petals and top flowering reduce botrytis problems during transportation
- Flower stigmas do not open (no pollen is shed) providing excellent vase life

MINIMUM GERM: 80% SEED FORM: Pelleted

**CROP TIME:** Winter to Spring 22 - 24 Weeks

**STEM LENGTH:** 36 - 48" **SPACING:** 4 x 6" **COLORS / MIXES:** 3 / 0







BROWN



GREEN



#### F1 EUSTOMA GRANDIFLORUM I CUT FLOWER

- Group 3 / Double Flowers
- New Brown is an on trend addition to the Rosanne collection
- Excellent vase life with thick petals that reduce botrytis issues during transportation
- Flower stigmas do not open, providing excellent vase life

MINIMUM GERM: 80%
SEED FORM: Pelleted

**CROP TIME:** Summer to Fall, 22 – 24 Weeks

**STEM LENGTH:** 36 - 48" **SPACING:** 4 x 6" **COLORS / MIXES:** 1 / 0



BROWN



- Group O / Standard Double Flower
- Less blindness than with other standards on the market
- · Ideal for winter harvest with high yield
- Easier to get good stem height

MINIMUM GERM: 80% SEED FORM: Pelleted

CROP TIME: Winter 22 - 24 Weeks

**STEM LENGTH:** 36 - 48" **SPACING:** 4 x 6" **COLORS / MIXES:** 3 / 0



BLUE



WHITE



YELLOW



#### F1 EUSTOMA GRANDIFLORUM I CUT FLOWER

- Group 1 / Spray Double Flower
- 1.5 2 inch extra small, rose-shaped flowers new concept!
- Eye-catching element in flower bouquets
- Numerous branches per stem

MINIMUM GERM: 80% SEED FORM: Pelleted

**CROP TIME:** Winter to Spring 22 - 24 Weeks

**STEM LENGTH:** 26 - 34" **SPACING:** 4 x 6" **COLORS / MIXES:** 3 / 0



BLUE



ROSE PINK



WHITE







- Group 1 / Standard Double Flower—spray type
- The world's first 100% all double, large-flowered lisianthus for cut flower production
- Flower stalks are strong and easily support the large flowers

MINIMUM GERM: 80% SEED FORM: Pelleted

CROP TIME: Winter to Spring 22 - 24 Weeks

STEM LENGTH: 36 - 48" SPACING: 4 x 6" COLORS / MIXES: 8/1







PURPLE



CHAMPAGNE





**PURE WHITE** 



#### F1 EUSTOMA GRANDIFLORUM I CUT FLOWER

- Group 2 / Standard Double Flower
- Suitable for equatorial areas where temperatures are a bit higher than standard for lisianthus
- Uniform plug performance and less sensitivity to rosette
- Slightly earlier than Flamenco and Mariachi®
- · Achieves sufficient height with top flowering and more usable buds for better presentation

MINIMUM GERM: 80% SEED FORM: Pelleted

CROP TIME: Winter to Spring 22 - 24 Weeks

36 - 48" STEM LENGTH: SPACING: 4 x 6" COLORS / MIXES: 4 / 0





**BLUE PICOTEE** 



**PURE WHITE** 



**ROSE PINK** 





- Group 2
- Ideal for winter sowing and summer harvest
- · Thick petals for long-lasting shelf life and easy transportation





LIME GREEN



PINK PICOTEE



CARMINE



MISTY BLUE



PINK



LAVENDER



MISTY PINK





- Group 3
- Ideal for winter sowing and summer harvest
- · Thick petals for long-lasting shelf life and easy transportation

### Mariachi® Series

#### F1 EUSTOMA GRANDIFLORUM I CUT FLOWER

- Group 2 & 3 / Standard Quadruple
- Extra-double, large camellia-like blooms with thick petals
- 2 2.75-inch rose-shaped flowers

MINIMUM GERM: 80% SEED FORM: Pelleted

MARIACHI CROP TIME: Spring to Mid-Summer 22 - 24 Weeks

MARIACHI CROP TIME: Spring to Fall 22 - 24 Weeks

STEM LENGTH: 36 - 48" SPACING: 4 x 6" MARIACHI COLORS / MIXES: 11 / 0



YELLOW





- Group 2 / Spray Single Flower
- The market standards for single-flowered lisianthus
- Irresistibly cute, petite blooms
- Smaller cup size and hard flower petals reduce botrytis issues during shipping
- Sturdy stems and long vase life
- Ideal for the summer season or for year-round production with artificial light

MINIMUM GERM: 80%
SEED FORM: Pelleted

**CROP TIME:** Spring to Mid-Summer 22 - 24 Weeks

**STEM LENGTH:** 36 - 48" **SPACING:** 4 x 6" **COLORS / MIXES:** 1 / 0



DEEP BLUE



### **LISIANTHUS CUT FLOWERS AT A GLANCE**

SERIES	GROUP	CROP TIME	STEM LENGTH	COLORS
Borealis	0	Winter 22 - 24 Weeks	36 - 48"	3
Doublini	1	Winter - Spring 22 - 24 Weeks	26 - 34"	3
Echo	1	Winter - Spring 22 - 24 Weeks	36 - 48"	8
Excalibur 2	2	Spring - Mid Summer 22 - 24 Weeks	36 - 48"	4
Mariachi <sup>*</sup>	2	Spring - Mid Summer 22 - 24 Weeks	36 - 48"	10
Mariachi <sup>®</sup> Grande White	3	Summer - Fall 22 - 24 Weeks	36 - 48"	1
Piccolo 2	2	Spring - Mid Summer 22 - 24 Weeks	36 - 48"	1
Rosita® 1	1	Winter - Spring 22 - 24 Weeks	36 - 48"	4
Rosita® 2	2	Spring - Mid Summer 22 - 24 Weeks	36 - 48"	12
Rosita® 3	3	Summer - Fall 22 - 24 Weeks	36 - 48"	7
Rosanne 1	1	Winter - Spring 22 - 24 Weeks	36 - 48"	3
Rosanne 3	3	Summer - Fall 22 - 24 Weeks	36 - 48"	1
Voyage 2	2	Spring - Mid Summer 22 - 24 Weeks	24 - 36"	8







# COCO MARIGOLD" (

#### MARIGOLD | CUT FLOWER

- This gorgeous series offers three colors, including the deepest orange on the market
- Offers uniform earliness, long stem length and fully double blooms
- Suitable for tighter space production, especially when disbudded

MINIMUM GERM: 80%
SEED FORM: Bobtail
CROP TIME: 12 - 15 Weeks
STEM LENGTH: 24 - 36"
SPACING: 5x5"
PINCH: 8x8"
COLORS / MIXES: 3 / 0







YELLOW





#### F1 ANTIRRHINUM MAJUS I CUT FLOWER

- Early flowering variety belonging to Group 1
- Very uniform growth under short day conditions in winter
- Bright, clear colors
- Tightly-spaced florets on long flower spikes

MINIMUM GERM: 80% SEED FORM: Raw

CROP TIME: Group 1, Spring 16 - 20 Weeks

48" STEM LENGTH:

8 - 10 per ft<sup>2</sup> SPACING: COLORS / MIXES: 6 / 0



CRIMSON



**PURPLE** 







PINK BICOLOR



YELLOW



#### F1 ANTIRRHINUM MAJUS I CUT FLOWER

- Group 2.5 4 flowering
- Easily managed—quick cycle turn with very high quality
- Thick strong flower stems with excellent length
- Bred for equatorial production areas

MINIMUM GERM: 80% SEED FORM:

CROP TIME: Groups 2.5 to 4, Mid-Spring to Fall 16 - 20 Weeks

STEM LENGTH: 48"

SPACING: 8 - 10 per ft<sup>2</sup> COLORS / MIXES: 5 / 0



**DEEP ROSE** (GROUP 4)



**PURE WHITE** (GROUP 2.5)



**IVORY WHITE** (GROUP 3)



YELLOW (GROUP 2.5)



PINK (GROUP 3.5)





#### **MATTHIOLA INCANA I CUT FLOWER**

Stock Iron is a mid-season variety that set buds when plants have a minimum of 10 leaf pairs and a maximum temperature of 65F  $\!\!\!/$  18C.

- Iron is aptly named for the strong stems and robust growth
- An innovative, high-quality stock producing tight flower spikes on heads that do not stretch
- Early-mid season flowering
- Very tightly spaced florets

MINIMUM GERM: 80% SEED FORM: Raw

CROP TIME: Cool 13 - 15 Weeks

STEM LENGTH: 24" SPACING:  $5 \times 5$ " COLORS / MIXES: 5 / 0



APRICOT

WHITE



ROSE

PINK



YELLOW



#### MATTHIOLA INCANA I CUT FLOWER

- 90% double flowers without selection—incredible fragrance and form
- Cheerful is less delayed in warmer temperatures compared to Mid Cheerful

MINIMUM GERM: 80% SEED FORM: Raw

CHEERFUL CROP TIME: Cool 11 - 13 Weeks
MID-SEASON CHEERFUL CROP TIME: Cool 13 - 15 Weeks

STEM LENGTH: 36"

SPACING: 5 x 5"

CHEERFUL COLORS / MIXES: 2 / 0

MID-SEASON CHEERFUL COLORS / MIXES: 1/ 0

### **CHEERFUL**

• Strong, non-branching stems with deep green pubescent foliage



WHITE



YELLOW

### MID-SEASON CHEERFUL

 Ideal for use under warmer temperatures where longer flower stems are desired



MID CHEERFUL WHITE



# QUARTET

#### MATTHIOLA INCANA I CUT FLOWER I POTTED CROP

- Strong stems support a beautiful spray of sweetlyscented flowers—ideally suited for bouquets but can also be used as a spring bedding plant in some markets
- Early to bloom with 55% double flowers
- Suitable for a 6-in pot or gallon with the use of PGRs
- Requires pinching of the first flower bud to force secondary bud development and spray-style flowers

MINIMUM GERM: 80% SEED FORM: Raw

CROP TIME: Cool 13 - 15 Weeks

STEM LENGTH: 24" SPACING: 5 x 5" COLORS / MIXES: 11 / 0









CHERRY BLOSSOM



DEEP APRICOT



LAVENDER



MARINE









WHITE







# VINCENT®

#### F1 HELIANTHUS ANNUUS I CUT FLOWER

- Pollen-free and day-length neutral for year round production
- High germ, short crop cycle and tight flowering window
- Round, overlapping flower petals create a semidouble look
- Flowers form at a 45° angle on strong stems for a superior presentation
- Small upper leaves make Vincent ideal for bouquets.

MINIMUM GERM: 80%
SEED FORM: Raw, Primax

**CROP TIME:** Winter to Spring 19 Weeks

STEM LENGTH: 36 - 40" SPACING:  $4 \times 5$ " COLORS / MIXES: 9 / 1



VINCENT'S CHOICE:
Features the well-loved combo of brown centers and deep orange petals



Features a crisp, green center which is a clear alternative to current selections



# SUNBRIGHT & SUNBRIGHT SUPREME

#### F1 HELIANTHUS ANNUUS | CUT FLOWER

- Performs well under short day and low temperature conditions (winter)
- Both are single-flowered, pollenless types that hold up extremely well in shipping
- Strong necks for upward facing flower heads

MINIMUM GERM: 90%

SEED FORM: Raw, Primax

SUNBRIGHT CROP TIME: 7 - 11 Weeks

SUNBRIGHT SUPREME CROP TIME: 7 - 10 Weeks

STEM LENGTH: 60 - 72"

SPACING: 5 x 5"

SUNBRIGHT COLORS / MIXES: 1 / 0

SUNBRIGHT SUPREME COLORS / MIXES: 1 / 0



#### **SUNBRIGHT**

- More sensitive to photoperiod, flowering from 50 days in winter to 70 – 80 days in summer
- Produces x-large flowers under long photoperiods
- Maintain a minimum temperature of 45°F/7°C to prevent flower damage and maintain active growth



#### **SUNBRIGHT SUPREME**

- Less sensitive to photoperiod, flowering from 50 days in winter to 65 70 days in summer
- Maintain a minimum temperature of 50°F/10°C to prevent flower damage and maintain active growth



