

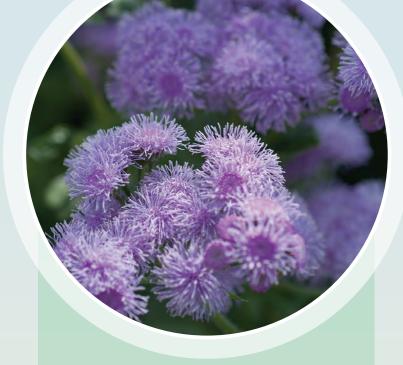


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## **BLUE HORIZON**

F1 AGERATUM HOUSTONIANUM | BEDDING | CUT FLOWER I 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

Standard, Pelleted

Summer 12 Weeks, Winter 15 Weeks

4 x 4" Single Stem, 8 x 8 Multi Stem





## GEMSION

## 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

80%

MINIMUM GERM:
SEED FORM:
CROP TIME:
STEM LENGTH:
SPACING:
COLORS / MIXES: Raw, Primax 20 – 22 Weeks 38 – 46cm 6" × 6"

6/0



ANEMONE F1 SEED







**RED BICOLOR** 



**SCARLET** 

















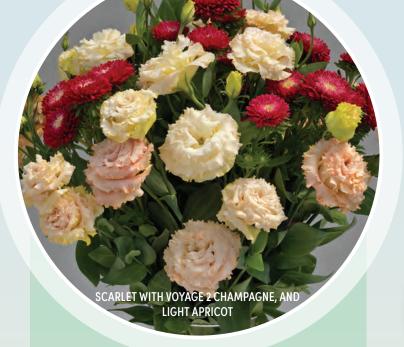
## F1 CALLISTEPHUS CHINENSIS | CUT FLOWER

- Easier to achieve desired plant height
- High usable plug counts
- Fusarium tolerance
- Available in North America only

MINIMUM GERM: 80%
SEED FORM: Coated
CROP TIME: 14 Weeks
STEM LENGTH: 90 – 100cm
SPACING: Spray 5-6", Disbud 4" on Center
COLORS / MIXES: 4 / 0







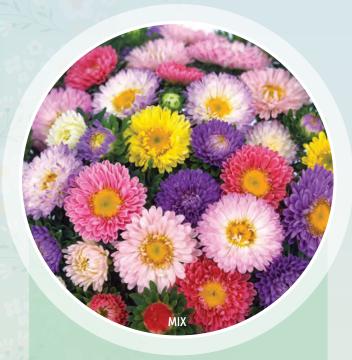
## BONITA

## CALLISTEPHUS CHINENSIS I CUT FLOWER I 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: 80%
SEED FORM: Coated
CROP TIME: 15 Weeks
STEM LENGTH: 75 – 90cm
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: Coated
CROP TIME: 14 Weeks
STEM LENGTH: 75 – 90cm
SPACING: 4 x 5"
COLORS / MIXES: 10 / 1



## SERENADE

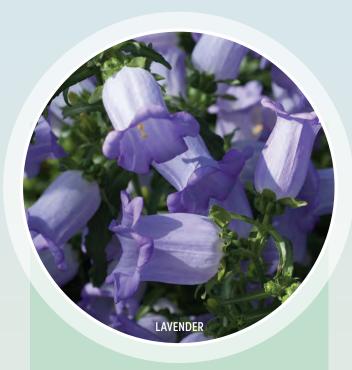
## **CALLISTEPHUS CHINENSIS** I CUT FLOWER

- Offers a spray habit with an abundance of semidouble flowers on a single stem
- Production cycle is approximately 13 weeks in spring or when produced with day length manipulation
- Fusarium tolerant

MINIMUM GERM: 80%
SEED FORM: Raw
CROP TIME: 13 Weeks
STEM LENGTH: 75 – 90cm
SPACING: 4 x 5"
COLORS / MIXES: 9 / 1







## **CHAMPION**

### F1 CAMPANULA MEDIUM ANNUUM I CUT FLOWER

- Easy and economical to produce with moderate temperatures (55°F/13°C) & photoperiod manipulation
- Sow early-August\* to mid-February for flowering from late late-December through June
- Sturdy 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

\*Maintain short days (< 12 hours) of photoperiod from sowing. until 4-5 weeks after transplanting to avoid pre-mature flowering.

Pelleted

Winter to Spring 19 Weeks

MINIMUM GERM:
SEED FORM:
CROP TIME:
STEM LENGTH:
SPACING:
COLORS / MIXES: 90 – 100cm 5 x 5"





# CHAMPIO

### F1 CAMPANULA MEDIUM ANNUUM I CUT FLOWER

- · Easy and economical to produce with moderate temperatures (55°F/13°C) and photoperiod manipulation
- Sow early-August\* to mid-February for flowering from late-December through June
- Sturdy 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 in 18 weeks after sowing

\*Maintain short days (< 12 hours) of photoperiod from sowing. until 4-5 weeks after transplanting to avoid pre-mature flowering.

MINIMUM GERM: SEED FORM: Pelleted

**CROP TIME:** Winter to Spring 18 Weeks

STEM LENGTH: 90 - 100cm 5 x 5" SPACING: **COLORS / MIXES:** 

























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
- Flowers 18 weeks after sowing

Pelleted

Winter to Spring 18 Weeks 90 – 100cm

MINIMUM GERM: 80%
SEED FORM: Pellet
CROP TIME: Winte
STEM LENGTH: 90 - 1
SPACING: 5 x 5"
COLORS / MIXES: 5 / 0







### **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

> **CROP TIME:** 12 weeks (direct sowing) 13 weeks

(from transplanting)

STEM LENGTH: 60cm SPACING: 4 x 4 **COLORS / MIXES:** 6/1





### 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: Raw

Fall to Spring 16-18 weeks (first flowering) **CROP TIME:** 

STEM LENGTH: 120 – 150cm SPACING: 8 x 8"

**COLORS / MIXES:** 4/0



**BLUE SHADES** 



LIGHT BLUE SHADES



VIOLET SHADES







F1 DELPHINIUM GRANDIFLORUM I CUT FLOWER I 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

COLORS / MIXES: 18 – 20 Weeks 60 – 100cm 8 x 8"

2/0

**CONTAINER SIZE:** Gallon 16 - 20" PLANT HEIGHT: PLANT WIDTH: 8 – 10"







## 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: Flowers are bright white with a bright pink center
- Pure White: Flowers are white with a soft pink center

MINIMUM GERM: 90% SEED FORM:

**CROP TIME:** Summer to Fall 16 – 17 Weeks

STEM LENGTH: 60 – 75cm SPACING:
COLORS / MIXES: 4 x 4" 3/0









## **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- 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

85%

Winter to Spring 15 – 21 Weeks

MINIMUM GERM:
SEED FORM:
CROP TIME:
STEM LENGTH:
SPACING:
COLORS / MIXES: 60 – 75cm 4 x 4" 6/1



LAVENDER









SHELL PINK







## 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

80%

Pelleted

Winter to Spring 22 – 24 Weeks

60 – 90cm 4 x 6"

MINIMUM GERM:
SEED FORM:
CROP TIME:
STEM LENGTH:
SPACING:
COLORS / MIXES: 1/0





## F1 EUSTOMA GRANDIFLORUM I CUT FLOWER

- 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% Pelleted

SEED FORM: **CROP TIME:** 

Winter to Spring 22 – 24 Weeks

STEM LENGTH: SPACING: COLORS / MIXES: 90 – 120cm 4 x 6" 7/1





CHAMPAGNE







PINK PICOTEE



PURE WHITE







## **EXCALIBUR 2**

### F1 EUSTOMA GRANDIFLORUM I CUT FLOWER

- Group 2 / Standard Double Flower
- Suitable for equatorial areas where temperatures are a bit higher than recommended 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

Spring to Mid-Summer 22 – 24 Weeks

STEM LENGTH: 90 – 120cm SPACING: 4 x 6" COLORS / MIXES: 4 / 0











# MARIACHI GRANDE WHITE

### F1 EUSTOMA GRANDIFLORUM I CUT FLOWER

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

MINIMUM GERM: 80% SEED FORM: Pelleted

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

STEM LENGTH: 90 – 120cm SPACING: 4 x 6" COLORS / MIXES: 1 / 0

## MARIACHI SERIES

### F1 EUSTOMA GRANDIFLORUM I CUT FLOWER

- Group 2 & 3 / Standard Quadruple Flower
- 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

MARIACHI GRANDE WHITE 22 – 24 Weeks Summer to Fall

CROP TIME: 22-24 weeks

STEM LENGTH: 90 – 120cm

SPACING: 4 x 6"

MARIACHI COLORS / MIXES: 12 / 0





## **ROSANNE 1**

### F1 EUSTOMA GRANDIFLORUM I CUT FLOWER

- Group 1 / 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

Pelleted

Winter to Spring 22 – 24 Weeks

MINIMUM GERM:
SEED FORM:
CROP TIME:
STEM LENGTH:
SPACING:
COLORS / MIXES: 90 – 120cm 4 x 6" 2/0







## ROSANNE2

### F1 EUSTOMA GRANDIFLORUM I CUT FLOWER

- Group 2 / Double Flowers
- Deep Green color with many flower petals
- 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: Spring to Mid-summer

22 – 24 Weeks STEM LENGTH: 90 – 120cm SPACING: 4 x 6" COLORS / MIXES: 2/0





**TERRACOTTA** 



## **ROSANNE 3**

## F1 EUSTOMA GRANDIFLORUM I CUT FLOWER

- Group 3 / Double Flowers
- New Brown is a trendy 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

Pelleted Summer to Fall, 22 – 24 Weeks

MINIMUM GERM:
SEED FORM:
CROP TIME:
STEM LENGTH:
SPACING:
COLORS / MIXES: 90 – 120cm 4 x 6" 1/0





### F1 EUSTOMA GRANDIFLORUM I CUT FLOWER

- Group 1 / Spray Double Flower
- Thick flower petals and top flowering reduce botrytis problems during transportation
- Medium-sized, rose-shaped flowers
- Excellent vase life with more usable buds
- · High quality even with early flowering

MINIMUM GERM: 80% SEED FORM: Pelleted

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

STEM LENGTH: 90 – 120cm SPACING: 4 x 6" **COLORS / MIXES:** 5/0













## ROSITA<sup>®</sup> 2

## F1 EUSTOMA GRANDIFLORUM I CUT FLOWER

- Group 2 / Spray Double Flower
- Thick flower petals and top flowering reduce botrytis problems during transportation
- Excellent vase life with more usable buds
- · Heavy quality though early flowering

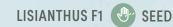
80% Pelleted

Spring to Mid-Summer 22 – 24 Weeks

MINIMUM GERM:
SEED FORM:
CROP TIME:
STEM LENGTH:
SPACING:
COLORS / MIXES: 90 – 120cm 4 x 6" 13 / 0









APRICOT



BLUE FLASH



**BLUE PICOTEE** 



GREEN



**HOT LIPS** 



IADE





PINK FLASH



PINK FLASH II



PURPLE



SAPPHIRE



WHITE



YELLOW



PURE WHITE



## ROSITA<sup>®</sup> 3

## F1 EUSTOMA GRANDIFLORUM | CUT FLOWER

- Group 3 / Spray Double Flower
- Thick flower petals and top flowering reduce botrytis problems during transportation
- Medium-sized, rose-shaped flowers
- Excellent vase life with more usable buds

MINIMUM GERM: 80%
SEED FORM: Pelleted
CROP TIME: Summer to Fall 22 – 24 Weeks
STEM LENGTH: 90 – 120cm

STEM LENGTH: 90 – 120cm SPACING: 4 x 6" COLORS / MIXES: 9 / 0









## OYAGE 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

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

SEED FORM
CROP TIME
STEM LENG
SPACING:
COLORS / I STEM LENGTH: 60 – 90cm 4 x 6" COLORS / MIXES: 13 / 0







LIGHT PINK



**BLUE II** 





PINK II



CHAMPAGNE





PURE WHITE





LIGHT APRICOT







## OYAGE 3

## F1 EUSTOMA GRANDIFLORUM I CUT FLOWER

- Group 3 / Double Flowers
- Strong petals withstand the rigors of shipping
- Champagne has larger flowers and higher petal count than Voyage 2
- Long vase life

MINIMUM GERM: 80% Pelleted SEED FORM:

Spring to Mid Summer 22 – 24 Weeks

CROP TIME: Sprin STEM LENGTH: 60 – SPACING: 4 x 6' COLORS / MIXES: 1/0 60 – 90cm 4 x 6"





## LISIANTHUS CUT FLOWERS AT-A-GLANCE

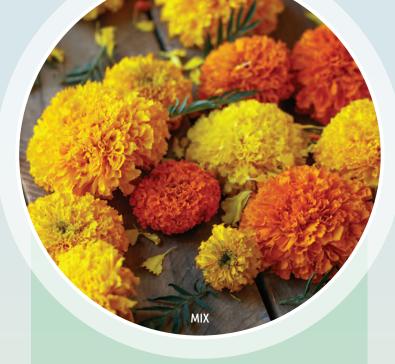
SERIES	GROUP	CROP TIME	STEM LENGTH	COLORS
Doublini	1	Winter – Spring 22 – 24 Weeks	26 – 34"	1
Echo	1	Winter – Spring 22 – 24 Weeks	36 – 48"	8
Excalibur 2	2	Spring – Mid Summer 22 – 24 Weeks	36 – 48"	4
Mariachi®	2	Spring – Mid Summer 22 – 24 Weeks	36 – 48"	11
Mariachi® Grande White	3	Summer – Fall 22 – 24 Weeks	36 – 48"	1
Rosanne 1	1	Winter – Spring 22 – 24 Weeks	36 – 48"	2
Rosanne 2	2	Spring to Mid Summer 22 – 24 Weeks	36 – 48"	2
Rosanne 3	3	Summer – Fall 22 – 24 Weeks	36 – 48"	1
Rosita® 1	1	Winter – Spring 22 – 24 Weeks	36 – 48"	5
Rosita® 2	2	Spring – Mid Summer 22 – 24 Weeks	36 – 48"	13
Rosita® 3	3	Summer – Fall 22 – 24 Weeks	36 – 48"	9
Solo <sup>®</sup>	2	Spring – Mid Summer 22 – 24 Weeks	36 – 48"	4
Voyage 2	2	Spring – Mid Summer 22 – 24 Weeks	24 – 36"	13
Voyage 3	3	Spring – Mid Summer 22 – 24 Weeks	24 – 36"	1











## COCO MARIGOLD°

## **MARIGOLD** I 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

12 - 15 Weeks

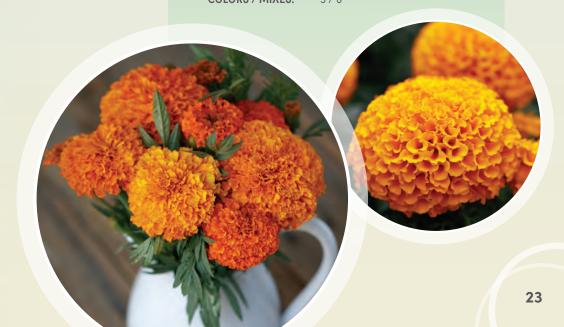
STEM LENGTH: 60 - 90cm

SPACING: 5 x 5"

DISBUD: 4 x 4"

PINCH: 8 x 8"

COLORS / MIXES: 3 / 0





## 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

80% Raw

Group 1, Spring 16 – 20 Weeks

MINIMUM GERM:
SEED FORM:
CROP TIME:
STEM LENGTH:
SPACING:
COLORS / MIXES: 4' / 120cm 8 – 10 per ft<sup>2</sup> 4/0











## 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: SEED FORM: Raw

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

MINIMUM O SEED FORM CROP TIME STEM LENG SPACING: STEM LENGTH: 4' / 120cm 8 – 10 per ft<sup>2</sup> COLORS / MIXES: 5/0









YELLOW (GROUP 2.5)



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

- 90% of the plants produce double flowers without seedling selection for a more cost effective crop
- Extra-early flowering in cool climates
- From June sowing, cut flowers can be harvested in September
- Warmer locations, sow in August for November
- · Uniform plant habit
- Strong stems, non-branching with deep green pubescent foliage

MINIMUM GERM: 80% SEED FORM: Raw

Cool 11 - 13 Weeks

SEED FORM:
CROP TIME:
STEM LENGTH:
SPACING:
COLORS / MIXES: 90cm 5 x 5" 2/0







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

- With this variety, 90% of the plants produce double flowers without seedling selection for a more cost-effective crop
- Flowers 1 to 3 weeks later than Cheerful, depending on cultural conditions. More delayed under warmer conditions.
- For cool locations, we recommend sowing in mid-July for harvesting in mid-October
- Easy to cultivate for correct stem length
- · Strong stems with non-branching deep green, fresh foliage

80% Raw

Cool 13 – 15 Weeks

MINIMUM GERM:
SEED FORM:
CROP TIME:
STEM LENGTH:
SPACING:
COLORS / MIXES: 90cm 5 x 5" 1/0





## **MATTHIOLA INCANA I CUT FLOWER**

Stock Iron is a mid-season variety that becomes receptive to flower bud initiation when the plants have a minimum of 10 leaf pairs.

- Iron is aptly named for the strong stems and robust growth
- An innovative, high-quality stock producing tight flower spikes on stems that do not stretch
- Early-mid season flowering with 55% double flowers

80% Raw

Cool 13 - 15 Weeks

MINIMUM GERM:
SEED FORM:
CROP TIME:
STEM LENGTH:
SPACING:
COLORS / MIXES: 60cm 5 x 5" 8/0









## MATTHIOLA INCANA I CUT FLOWER I POTTED CROP

- Strong stems support a beautiful spray of sweetly-scented 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
- Requires pinching of the principal flower stem when the first flower opens to force the secondary development of the other 4 stems to achieve a spray-style presentation

Cool 13 - 15 Weeks

MINIMUM GERM: 80%
SEED FORM: Raw
CROP TIME: Cool 1
STEM LENGTH: 60cm
SPACING: 5 x 5"
COLORS / MIXES: 12 / 0 60cm



## VINCENT'S

## 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 bouquet

MINIMUM GERM: 90%
SEED FORM: Raw, Treated
CROP TIME: 8 – 10 Weeks
STEM LENGTH: 150 – 180cm
SPACING: 5 x 5"
2 / 0



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 selection





## **SUNBRIGHT**

### F1 HELIANTHUS ANNUUS I CUT FLOWER

- Pollenless, uniflora type
- Good for winter flowering in cooler greenhouses under short day conditions
- Bred for large flower production under low nitrogen, low light level and low temperature conditions
- Holds up extremely well in long distance shipping

| MINIMUM GERM: 90% | SEED FORM: Raw, Treated | 7 - 11 Weeks | STEM LENGTH: 150 - 180cm | 5 x 5" | 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

### F1 HELIANTHUS ANNUUS I CUT FLOWER

- · Pollenless, uniflora type
- Uniform and vigorous under low temperature and short days
- · Holds up extremely well in long distance shipping
- Strong flower stems and necks for upward facing flower heads
- Suitable for both indoor and outdoor production systems

MINIMUM GERM: 90%
SEED FORM: Raw, Treated
CROP TIME: 7 – 10 Weeks
STEM LENGTH: 5 x 5"
COLORS / MIXES: 1/0



### 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

