

FLOWER CATALOGUE

EUROPE - MIDDLE EAST - AFRICA













































2020-2022

























TAKII SEED

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NEW FLOWERS LINE UP

Begonia

Page 14»



2020
NEW



F1 Fiona White

2020
NEW



F1 Fiona Pink

Canna

Page 19»



F1 South Pacific Orange

Helianthus

Page 34»



2020
NEW

F1 Smiley



Petunia



F1 Opera Supreme Purple Vein



F1 Trilogy Lime



F1 Trilogy Purple Vein



F1 Floral Power Deep Blue



F1 Floral Power Raspberry





NEW FLOWERS LINE UP



Lisianthus



F1 Arena 1 Light Pink Imp.



F1 Arena 1 Purple



F1 Arena 1 Pure White



F1 Corelli 2 Light Lavender



F1 Croma 2 Champagne



F1 Croma 3 Blue Picotee Imp.



F1 Croma 3 Pink Picotee Imp.



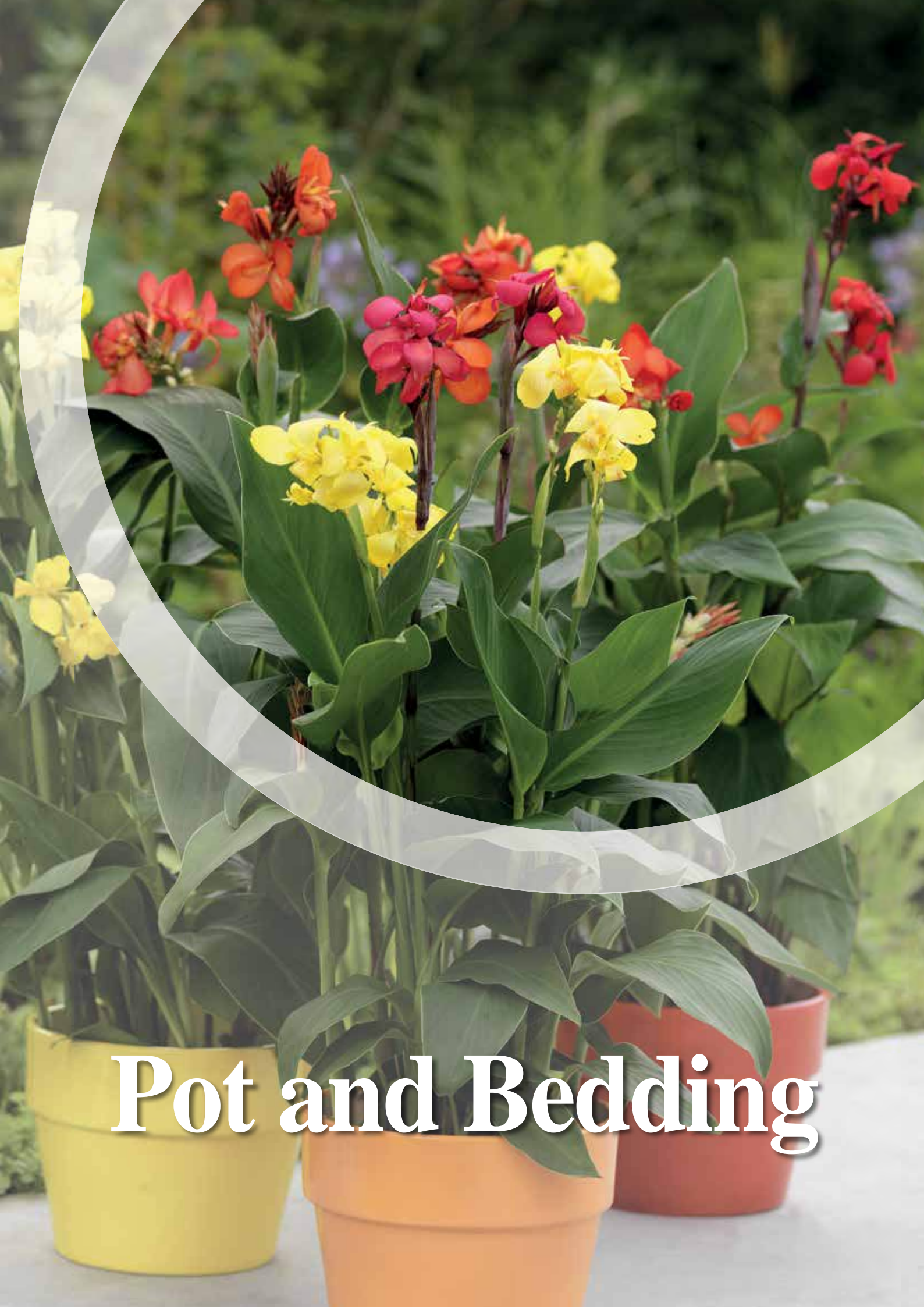
F1 Jolly 3 Pink

Helianthus



F1 Ziggy





Pot and Bedding

F2 Flowerburst Red Shades

Achillea millefolium

17-20°C/ 63-68°F 3-4 days 4,500-5,000 sd/g



60-75 cm
24-30 inches

- An energizing blend of mainly red, rose and violet shades
- An attractive garden plant. Since it is a hardy perennial, it survives a cold winter and blooms every year unless exposed to extreme hot and humid conditions in summer



FACA02

F2 Summer series

Achillea millefolium

17-20°C/ 63-68°F 3-4 days 4,200-5,300 sd/g



60-75 cm
24-30 inches

- Very hardy perennial for the garden, mass plantings in landscapes, pot use and as a cut
- The Summer series loves sunny conditions and will bloom in Summer - Autumn in the first year, earlier in the second year
- Remove old flowers to encourage new blooms



Berries
FACA03



Pastels
FACA04



Arizona series

Agastache aurantiaca

● 20-22°C/ 68-72°F ● 5-7 days ● 1,800-3,000 sd/g



20-25 cm
8-10 inches

- Very compact and floriferous, and performs well in containers and landscape
- Foliage has pleasant lemon / mint scent
- Fast crop from spring sowing. Easy maintenance
- Will bloom continuously throughout the season without deadheading
- Maintain pH level at 6.4-7.5 and EC at 1.5-2.0. Agastache will exhibit chlorosis if media pH is below 6.2
- Suitable for dry and sunny location. Agastache will not tolerate wet conditions



Sandstone
FATA22



Sun
FATA23



Sunset
FATA21

Mint scent attracts butterflies.



Spring Celebrities series

Alcea rosea

● 15-20°C / 59-68°F ◆ 8-10 days ◇ 210-300 sd/g



60-80 cm
24-32 inches

- Double- to semi-double dwarf Hollyhock which has excellent basal branching
- It flowers in the first year and keeps flowering for three months if conditions are favorable
- Carmine Rose and White may have around 15% single flowers. Other varieties may have a small percentage of single flowers



Apricot
FHAA07



Carmine Rose
FHAA02



Crimson
FHAA09



Lemon
FHAA03



Pink
FHAA08



Purple
FHAA05



White
FHAA06



Rose
FHAA10

Actual colour ratios may vary from image



Its flower spikes give the garden height and volume.

F1 Fiona series

Begonia semperflorens

Light required ◆ 22-24°C / 72-75°F ◆ 15-20 days ◆ 750-1,000 pel/g



20-25 cm
8-10 inches

- White and Pink are newly added to our semi-double type Begonia semperflorens with excellent uniformity
- Early flowering habit is same as standard single varieties. Plant habits are also comparable to them
- Fiona Red is awarded 2018 Fleuroselect Gold Medal

Fiona



Pink
FBG204



Red
FBG202



Rose
FBG201



White
FBG203



Fringed leaved type

- The edges of all the leaves are finely ruffled
- Fringed-leaved types have better colour development under warm conditions compared to other types

F1 Kamome series

Brassica oleracea

◆ 20-25°C / 68-77°F ◆ 4-5 days ◆ 350-640 sd/g



15-25 cm
6-10 inches

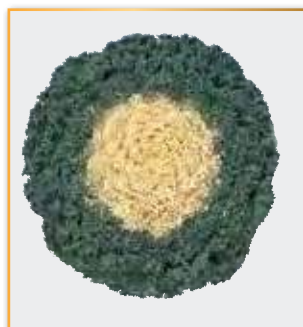
- Kamome can withstand frosts and freezes
- One of the few items that can be enjoyed in the winter garden



Pink
FHB573



Red
FHB571



White
FHB572

Round leaved type

- Compact, dwarf plants with uniform, round-shaped, solid heads and slightly waved leaves

F1 Pigeon series

Brassica oleracea

20-25°C/ 68-77°F 4-5 days 190-560 sd/g



- Pigeon series has a robust habit and is suitable for landscape use



Purple
FHB514



Red
FHB511



Victoria
FHB501



White
FHB512

F1 Song Bird series

Brassica oleracea

20-25°C/ 68-77°F 4-5 days 200-330 sd/g



- Song Bird series has excellent doubleness with a compact habit
- Available in Pink, Red, and White, 3 colours that bring out the beauty in winter gardens and mixed containers



Pink
FHB533



Red
FHB531



White
FHB532



Feather leaved type

- These varieties are all deeply serrated and have a larger head than other types

F1 Coral series

Brassica oleracea

20-25°C / 68-77°F 4-5 days 230-370 sd/g



20-30 cm
8-12 inches

- Vigorous plants with thick, sturdy stems with moderate length
- Recommended for culture to aim for large size head



Prince
FHB612



Queen
FHB611

F1 Peacock series

Brassica oleracea

20-25°C / 68-77°F 4-5 days 200-300 sd/g



20-30 cm
8-12 inches

- The plants can withstand moderate frosts and freezes and work well in wet conditions as their open feathery leaves are less likely to trap and hold water than fringed- and round-leaved types



Red
FHB621



White
FHB622

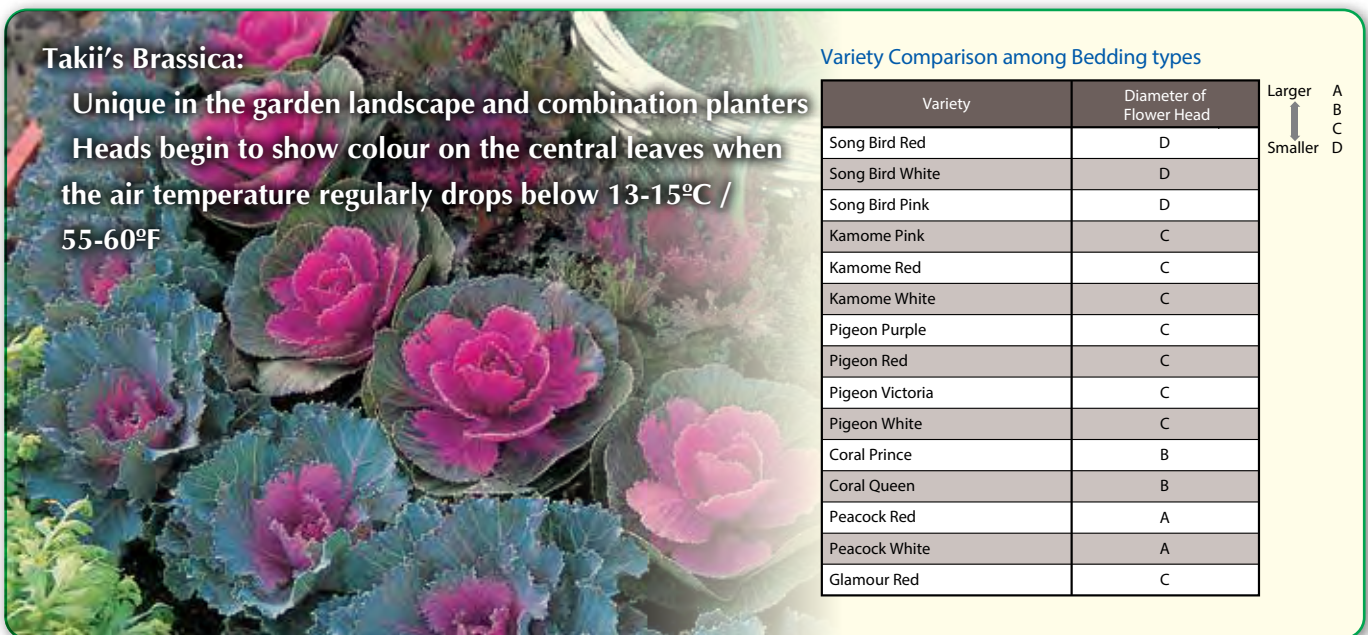
Takii's Brassica:

Unique in the garden landscape and combination planters
Heads begin to show colour on the central leaves when the air temperature regularly drops below 13-15°C / 55-60°F

Variety Comparison among Bedding types

Variety	Diameter of Flower Head
Song Bird Red	D
Song Bird White	D
Song Bird Pink	D
Kamome Pink	C
Kamome Red	C
Kamome White	C
Pigeon Purple	C
Pigeon Red	C
Pigeon Victoria	C
Pigeon White	C
Coral Prince	B
Coral Queen	B
Peacock Red	A
Peacock White	A
Glamour Red	C

Larger
↑
A
B
C
↓
Smaller
D



F1 Takion series

Campanula persicifolia

◆ 15-20°C/ 59-68°F ◆ 15-18 days ◆ 8,500-17,000 sd/g



40-50 cm
16-20 inches

- Takion has a very good basal branching habit with 6-8 sturdy stems of showy, long-lasting bell-shaped flowers in spring
- Very hardy and survives at least to -10°C/ 14°F
- Makes excellent garden perennial as well as a beautiful pot crop



Blue
FTU521



White
FTU522



Vernalisation Tips for Takion

- * After plants attain mature vegetative growth, they require vernalisation
- * The plants require about one month of temperatures below 8°C/46°F
They endure light frost
- * After vernalisation, heating at 10-15°C/50-60°F accelerates the flowering by approximately one month
- * The advantage of Takion is that it grows faster and comes into flower in a shorter period of time
Sow the seed in the autumn, it will flower in the spring

Tropical series

Canna generalis

Temp. fluctuation is preferable



20-30°C/ 68-86°F



10-15 days



3-7 sd/g



60-75 cm
24-30 inches

- Canna Tropical series is a seed product and is extra dwarf
- Production period is fast and plants are characterized by readily producing offsets, making full finished pots with tremendous consumer appeal
- Tropical White produces flowers with or without pink spots, with the flowers on individual plants exhibiting the same degree of spotting
- Prefers warm and humid conditions over 25°C/ 77°F



It is possible to have a water garden with canna Tropical



Bronze Scarlet

FCA211



Red

FCA121



Rose

FCA122



Salmon

FCA124

Tropical Bronze Scarlet, released in 2010, is the first bronze leaved Canna from seed



White

FCA127



Yellow

FCA126

F1 South Pacific series

Canna generalis

◆ 20-30°C / 68-86°F ◆ 10-15 days ◆ 3-7 sd/g

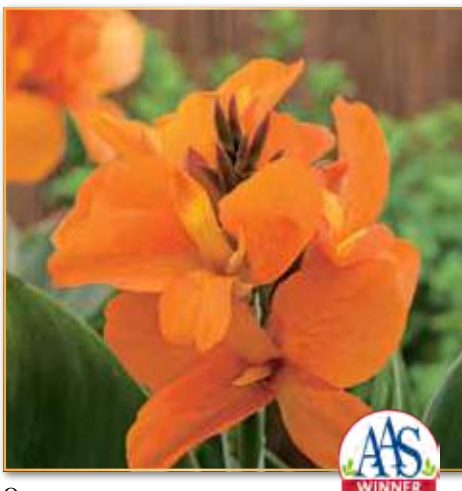


65-80 cm
26-32 inches

- The first F1 Canna series from seed
- Better uniformity at its early stage of germination compared with our existing variety, Tropical series
- Good basal branching
- Scarlet and Orange earned AAS awards
- Being from seed, the South Pacific series is not prone to diseases often transmitted in rhizome propagation
- The vibrant colours of the large flowers creates a dramatic and tropical feel
- Use this striking beauty in planters, mixed containers, gardens, landscapes and in shallow areas of water features



Scarlet
FCA401



Orange
FCA404



F1 Cannova® series

Canna generalis

◆ 20-30°C/ 68-86°F ◆ 10-15 days ◆ 4-5 sd/g



60-75 cm
24-30 inches

- Cannova can be grown at lower temperature
- High degree of uniformity and high percentage of saleable plants
- Early flowering, can also be grown in smaller pot size
- Good branching habit and excellent leaf quality
- An attractive and broad range of bright colours on green or bronze leaved plants



Bronze Orange
FCAA33



Bronze Scarlet
FCAA35



Lemon
FCAA15



Mango
FCAA10



Orange Shades
FCAA17



Red Shades
FCAA23



Rose
FCAA05



Yellow
FCAA02



Bomba & Conga series

Capsicum annuum

◆ 20-22°C/ 68-72°F ◆ 5-7 days ◆ 280-300 sd/g



- Dark Purple foliage with fruit that matures from purple to deep orange
- A stand-alone variety with a plant habit between Mambo and Salsa series



FTGH01 Yellow Red



FTGH11 Conga

Cubana series

Capsicum annuum

◆ 20-22°C/ 68-72°F ◆ 5-7 days ◆ 150-210 sd/g



- Excellent large fruit on top of vigorous plant
- Oval type of fruit with five colours can be used in various combinations in mixed containers and pots



Deep Orange
FTGG94



Mixture
FTGG90



Multicolour Orange
FTGG96



Red
FTGG92



Yellow
FTGG93

Takii's Capsicum Variety Comparison among Series

Series / Variety	Shape	fruit size (cm)	fruit size (inch)	Beginning colour of fruits	plant size
Onyx Red		1 x 1	0.4 x 0.4	Black	A
Maya Conga		3 x 1	1.2 x 0.4	Purple	C
Maya Cubana		4.5 x 2	1.8 x 0.8	Green, Cream	B
Maya Mambo		3.5 x 1.5	1.4 x 0.6	Green	C
Maya Salsa		2.5 x 1	1 x 0.4	Green	D
Maya Favorit		3.5 x 1	1.4 x 0.4	Green with slightly black	C
Maya Uchu		4-5 x 0.5	1.6-2 x 0.2	Cream	B

Larger
↓
Smaller
A
B
C
D



Multicolour Red
FTGG97

Favorit series

Capsicum annuum

◆ 20-22°C/ 68-72°F ◆ 5-7 days ◆ 200-250 sd/g



10-15 cm
4-6 inches

- Pointed fruit on compact plants with dark green foliage
- Fruit is green with slightly black colouring at the start



Purple Red
FTGG17



Red
FTGG15



Orange
FTGG11



Yellow
FTGG13



Yellow Red
FTGG16

Mambo series

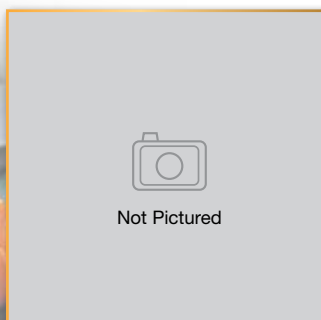
Capsicum annuum

◆ 20-22°C/ 68-72°F ◆ 5-7 days ◆ 220-250 sd/g



10-15 cm
4-6 inches

- Longer, round fruit on compact plants with many branches



Mixture
FTGG70



Orange
FTGG72



Purple Orange
FTGG76



Purple Red
FTGG75

● Germination Temperature

◆ Days to Emergence

◆ Seed Count (Seed / Gr.)

✚ Plant Height



Red
FTGG73



Yellow
FTGG74



Yellow Red
FTGG77

Salsa series

Capsicum annuum

- 20-22°C/ 68-72°F
- ◆ 5-7 days
- ◆ 180-260 sd/g

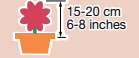


- Pointed, small fruit on compact plants

Uchu Cream Red

Capsicum annuum

- 20-22°C/ 68-72°F
- ◆ 5-7 days
- ◆ 270-370 sd/g



- Slim fruit on medium sized plants with unique, variegated foliage
- Fruit is cream coloured at the beginning

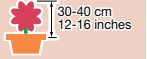


FTGG91

Armor series

Celosia cristata

Dark required ◆ 20-25°C/ 68-77°F ◆ 8-10 days ◆ 1,200-1,500 sd/g



- Attractive large flower heads in bright colours on robust plants with lush foliage
- Ideal item for hot summer gardens as well as pot use
- Yellow is relatively compact in the series



Red
FKT241



Yellow
FKT243



Mix
FKT249

Snowland

Chrysanthemum paludosum

◆ 15-20°C/ 59-68°F ◆ 5-10 days ◆ 1,200-1,900 sd/g



- Snowland has profuse clear white daisy-like flowers with yellow disks
- This variety has a uniform plant habit with large flowers that are bigger than other paludosum type Chrysanthemums
- Under warm temperatures and long-day conditions they produce many flowers, under cool temperatures and short-day conditions, they produce many branches



FCR127

Giant Exhibition series

Coleus blumei

Light required ● 20-22°C/ 68-72°F ◆ 4-6 days ◇ 3,100-3,800 sd/g



- Extra-large leaves attract attention in the garden, also makes a great house plant
- Approximately 13 weeks from sowing to mature plant
- Remove any flower spikes to enhance the beauty of the foliage



Limelight
FCLA02



Magma
FCLA03



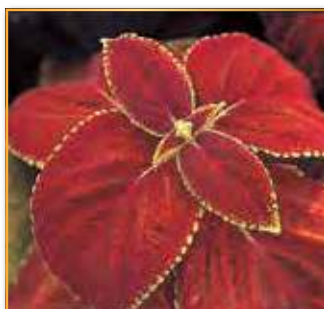
Marble
FCLA04



Actual colour ratios may vary from image



Palisandra
FCLA06



Rustic Red
FCLA07



Formula Mixture
FCLA00

F1 Carpet series

Dianthus chinensis

◆ 21-24°C / 70-75°F ◆ 5-6 days ◆ 1,100-1,600 sd/g



- Carpet earns its name by forming a carpet of large flowers on heavily branched plants
- It is a compact series excellent for pot and bedding production



Mix
FSK529



Crimson
FSK522



Snow
FND523



Oriental
FND524

F1 Telstar series

Dianthus chinensis x barbatus

◆ 21-24°C / 70-75°F ◆ 5-6 days ◆ 700-1,900 sd/g



- Telstar is floriferous with excellent pack and garden performance, and also recommended for bedding and landscaping use
- The series produces vibrant flowers on well-branched plants
- Telstar was developed to have a high degree of resistance to Phytophthora and other damp-off pathogens, and is also resistant to both heat and frost
- Telstar White may have some pinkish flowered plants depending on climate conditions



Burgundy
FND578



Crimson
FND531



F1 Telstar series

Dianthus chinensis x barbatus

◆ 21-24°C/ 70-75°F ◆ 5-6 days ◆ 700-1,900 sd/g



Picotee
FND534



Pink
FND536



Purple
FND538



Purple Picotee
FND535



Scarlet
FND532



White
FND533



Mix
FND539

Charity Mix

Erysimum sp.

● 18-22°C / 64-72°F ● 8-10 days ● 480-650 sd/g



20-30 cm
8-12 inches

- Charity is a very unique wallflower that blooms in both autumn and spring
- Flowers can withstand frosts as low as -4°C / 26°F with no damage, and plants can overwinter in mild climates
- Day-length neutral and no vernalisation required for blooming
- The compact plants are excellent for pots and garden use and its sweet fragrance greatly adds to consumer appeal



Mix
FZZ729



F1 Royal Semi-double series

Gerbera jamesonii

Light required ● 21-23°C/ 70-73°F ◆ 4-6 days ◇ 250-350 sd/g



25-35 cm
10-14 inches

- Unique semi-double flowers
- The plant habit is identical to F1 Royal series



Rose
FGBG (FGB101)



Deep Rose
FGBG16 (FGB103)



Watermelon
FGB102



F1 Royal series

Gerbera jamesonii

Light required ● 21-23°C/ 70-73°F ● 4-6 days ● 250-450 sd/g



25-35 cm
10-14 inches

- F1 Royal is an early flowering and very floriferous series
- It produces many eye-catching, large flowers in bright colour
- The plants provide continuous flowering through the sales period as well as in the consumer's garden



Prince Red
FGBG65 (FGB164)

Slightly more compact growth than Royal series. Suitable for 4 inch bench run programs.



Apricot
FGBG41 (FGB151)



Deep Orange
FGBG44 (FGB152)



Deep Pink
FGB153



Deep Rose
FGBG64 (FGB163)



Golden Yellow
FGBG46 (FGB154)



Neon Violet
(FGB166)



Orange Scarlet
FGBG49 (FGB156)



Peach
FGB167



Red
FGBG52 (FGB157)



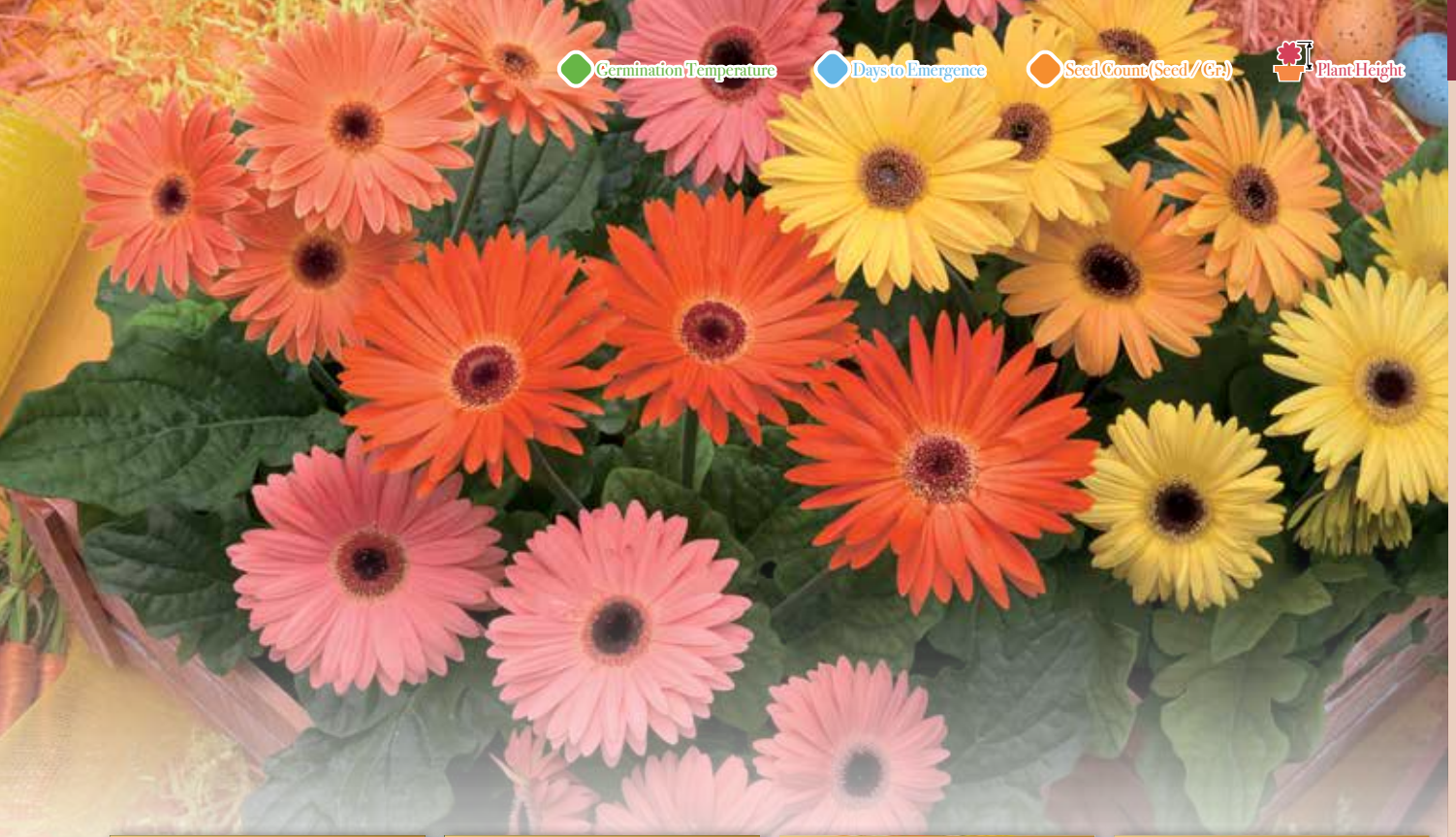
Red Bicolour
FGBG67 (FGB165)



 Germination Temperature

 Days to Emergence

 Seed Count (Seed/Cr.)

 Plant Height


White
FGB162



Yellow
FGBG56 (FGB161)



Formula Mixture
FGB150



Premium Mixture
FGB160



Red Bicolour exhibits some colour variation with flower petal colour ranging from red to rose, and there is also some variation in the ratio of white to red/rose. Individual plants do not produce a mix of flower types.

Big Smile

Helianthus annuus

◆ 20-25°C/ 68-77°F ◆ 3-4 days ◆ 20-45 sd/g



15-50 cm
6-20 inches
(Plant size varies according to pot sizes)

- Big Smile is a dwarf OP variety
- Ideal for spring to summer production, but can also be used for production any time of year with sufficient temperature
- Big Smile is suitable for pots and containers, good for impulse sales at retail
- It blooms in 50-55 days



FHM313

2019
NEW

F1 Smiley

Helianthus annuus

◆ 20-25°C/ 68-77°F ◆ 3-4 days ◆ 25-30 sd/g



15-50 cm
6-20 inches
(Plant size varies according to pot sizes)

- F1 hybrid pollenless dwarf Helianthus
- Smiley was named with our hope of spreading happiness and smile with exuberant flowers
- Improvement of Sunny Smile, high uniformity and more branching
- Regarding day length, it flowers all year round in about 55 to 60 days when grown temperatures above 15°C/ 60°F



FHM413



Fantasista series

Linaria maroccana

20-21°C / 68-70°F 15-20 days 9,500-17,000 sd/g



- All varieties of Fantasista are bred to be extra dwarf, good basal branching and extra early maturity
- Blooms 7-10 days earlier than Fantasy series and is more compact
- The crop grows year-round in cool, mild areas
- Will withstand frosts and short duration freezes to -4°C / 26°F without injury
- It is especially suitable for mass plantings and is often used in hanging baskets and mixed containers to provide bright colour accents



Blue
FLN133



Pink
FLN132



Rose
FLN131



White
FLN135



Yellow
FLN134



Fantasista (left) is more compact and has excellent basal branching compared with Fantasy (right)

Takii's Linaria Variety Comparison among Series

Variety	Earliness of Flower			Plant Height	
	More Extra Early	Extra Early	Early	cm	inch
Fantasista Blue	●			8-12	3-5
Fantasista Pink	●			8-12	3-5
Fantasista Rose	●			8-12	3-5
Fantasista White	●			8-12	3-5
Fantasista Yellow	●			8-12	3-5
Fantasy Spring Mix			●	15-20	6-8

The above data is based on trials completed in Japan. Actual results are dependent upon environmental conditions and local practices that may affect variety characteristics and performance.

F1 Carmen series

Eustoma grandiflorum

Light required ◆ 15-20°C/ 59-68°F ◆ 20-25 days ◆ 700-1,300 pel/g



- Excellent pot Lisianthus bred especially for its high quality root system
- It has more disease resistance against damping off from soil bacteria such as fusarium
- Carmen produces many medium sized, long lasting flowers



Blue
FRS151



Blue Rim
FRS153



Ivory
FRS155



Lilac
FRS152



Rose
FRS154



F1 Rosie series

Eustoma grandiflorum

Light required ◆ 15-20°C/ 59-68°F ◆ 20-25 days ◆ 900-1,200 pel/g



- Rosie produces very attractive fully double, long lasting flowers
- Genetically dwarf pot Lisianthus with improved root quality



Lavender Blue
FRS171



Pink
FRS175



Rose Picotee
FRS172



White
FRS173



Lilac
FRS174

Selectable type

- Seedlings are selectable for doubleness

Cinderella series

Matthiola incana

Dark required ● 18-20°C/ 64-68°F ◆ 3-5 days ◇ 500-900 sd/g



- Dwarf selectable Matthiola with hairy leaves
- The double flower plant ratio of Red and White is less than the remaining colours in the series
- Seedlings are easily selectable for doubleness after they are exposed to cold temperatures below 8°C/ 46°F with light. Double flower seedlings will show pale green cotyledons and single flower seedlings will show dark green cotyledons (See page 38)



Blue
FSTA03



Hot Pink
FSTA05



Lavender
FSTA06



Pink
FSTA07



Purple
FSTA08



Red
FSTA09



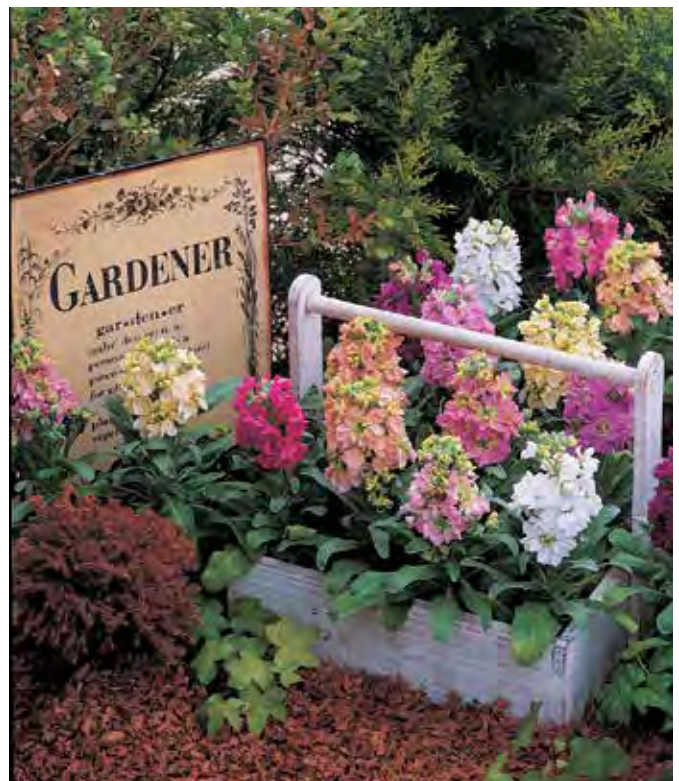
White
FSTA12 [EVE]



Yellow
FSTA13



Vivid Formula Mixture
FSTA00



Selectable type

- Seedlings are selectable for doubleness

Harmony mix

Matthiola incana

Dark required ● 18-21°C/ 64-70°F ● 4-5 days ● 450-900 sd/g



15-25 cm
6-10 inches

- Uniform, dwarf, branching series with excellent fragrance
- Harmony has approximately 50% doubles and is selectable for doubleness by the cotyledon (**See the below**)
- Good for cool season production in pots or containers



Selection tip for double flowered seedlings

Series	Page	Timing of Selection	Selection Method
Harmony	38	A pair of cotyledons	Select by colour, size and shape of cotyledon, also by growing speed. Double: Lighter green, Larger leaves Single: Darker green, Smaller leaves Grow faster (Taller) vs Grow slower (Shorter)
Cinderella	37	Cotyledons and true leaves	Select by colour of leaves. Can be put in cold strage of 8°C/46°F for 2-3 days in cotyledon stage, then colour difference will be more clearly. Double: Lighter green, Larger leaves Single: Darker green, Smaller leaves
Canneto	73	Not needed	Average of 90% double-flowering type
Noble	73		

The above data is based on trials completed in Japan. Actual results are dependent upon environmental conditions and local practices that may affect variety characteristics and performance.

Passion series

Osteospermum ecklonis

● 18-22°C/ 64-72°F ◆ 8-10 days ◇ 70-100 sd/g



- Heavily-branched, compact and bushy variety which does not need pinching
- Passion Mix has been switched to Passion Formula Mix (set percentages of each colour)
- Unlike the vegetative varieties, seed-raised Passion series retains its compact habit very well
- They grow and flower almost year-round in mild areas, with the heaviest blooming period in early spring through early summer
- Plants are well adapted to container culture such as colour bowls and combination planters



Pink Shades
FOM213



Rose
FOM212



White
FOM211



Formula Mix
FOM301

F1 Evening Scentsation

Light required ● 22-25°C/ 72-77°F ● 5-10 days ● 650-850 pel/g



15-25 cm
6-10 inches
80-90 cm
32-35 inches

Trailing type

- Evening Scentsation is the first petunia which earned an AAS regional award for its lovely fragrance and stunning colour
- Evening Scentsation's fragrance has notes of hyacinth, sweet honey and rose
- As its name implies, Evening Scentsation's fragrance is stronger in the evening hours, and can be experienced throughout the day as well
(Scent is perceived differently by each individual)



FPT639

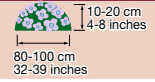


The basic fragrance of Evening Scentsation is derived from phenylacetaldehyde, which has a hyacinth-like scent, 2-phenylethanol, which has a rose-like scent, and methyl benzoate, which has a dry fruit-like scent. The largest release of scent compounds by Evening Scentsation occurs during the switch from light periods to dark periods. The article of characteristic of floral scent compounds in Evening Scentsation was published in The Horticulture Journal.
https://www.jstage.jst.go.jp/article/hortj/advpub/0/advpub_OKD-090/_article/-char/en

F1 Opera Supreme series

Petunia hybrida

Light required ◆ 22-25°C/ 72-77°F ◆ 5-10 days ◆ 650-850 pel/g



Trailing type

- Opera Supreme has a very floriferous habit, less day length sensitivity, and a low, spreading habit that are key characteristics preferred for trailing petunias
- Its flowers have a very attractive iridescent quality, or sheen, and are borne in great profusion from the centre to the tips on the spreading plants
- Outstanding in garden beds, window boxes, combination pots and hanging baskets
- Red has a more vigorous plant habit than other trailing petunias in the red colour segment
- Opera Supreme White may have some pinkish flowered plants depending on climate condition



Blue
FPT629



Lavender
FPT627



Lilac Ice
FPT632



Pink Morn
FPT633



Its excellent spreading habit is suitable for hanging baskets.



F1 Opera Supreme provides season-long colour to city landscapes



Purple
FPT631



Purple Vein
FPT620



Raspberry Ice
FPT638



Red
FPT637

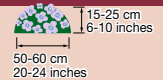


White
FPT626

F1 Trilogy series

Petunia hybrida

Light required ● 22-25°C/ 72-77°F ● 5-10 days ● 650-850 pel/g



Mounding type

- The plant is a mounding type with a good branching habit, while keeping a tidy, compact habit
- Strong flower petals stand up to humid conditions
- Reaching a height of about 15-25 cm / 6-10 inches, and a width of 50-60 cm / 20-24 inches when fully mature, Trilogy is a fabulous landscape and container performer
- Series requires less PGR use, adapts to any protocol



Blue
FPT648



Lavender Pink
FPT650



Lime
FPT662



Purple
FPT646



Purple Vein
FPT663



Rose
FPT643



Salmon Morn
FPT647



Scarlet
FPT645



White
FPT641



Takii's Petunia characteristics by series

Series	F1 Trilogy	F1 Evening Scentsation	F1 Opera Supreme
Type	Multiflora		
	Mounding	Trailing	
Flower size	6.5-7.5 cm / 2.6-3.0 inches 	7 cm / 2.7 inches 	6.5-7.5 cm / 2.6-3.0 inches
Plant habit in pot (10 cm / 4 inches)			
Plant habit in garden	Height at maturity: 15-25 cm / 6-10 inches Width at maturity: 50-60 cm / 20-24 inches 	Height at maturity: 15-25 cm / 6-10 inches Width at maturity: 80-90 cm / 32-35 inches 	Height at maturity: 10-20 cm / 4-8 inches Width at maturity: 80-100 cm / 32-39 inches

The above data is based on trials completed in Japan. Actual results are dependent upon environmental conditions and local practices that may affect variety characteristics and performance.

Trilogy

PETUNIA

has advantages for

Growers :

No special technique, adapts to your protocol

Retailers :

Long shelf life, no more tangling

Consumers :

Minimal care, maximum performance all season

Hummingbird series

Salvia coccinea

◆ 20-25°C/ 68-77°F ◆ 5-10 days ◆ 650-700 sd/g



35-60 cm
14-24 inches

- Extremely long blooming time attracts consumers
- Well branched plants with brilliant flowers appear about 11 weeks from sowing
- Can be used for bedding, planters, baskets, pots and borders



Coral Nymph
FSRA11



Forest Fire
FSRA13



Lady in Red
FSRA12



Snow Nymph
FSRA14

Summer Jewel series

Salvia coccinea

◆ 20-25°C/ 68-77°F ◆ 5-10 days ◆ 600-700 sd/g



35-50 cm
14-20 inches



- Amazing performance, blooms heavily all summer
- Excellent branching habit produces a multitude of flower spikes
- Vivid flowers attract hummingbirds
- Significantly earlier than other existing varieties under long day conditions
- All colours of Summer Jewel series are awarded by All-America Selections



Red
FSR301



White
FSR303



Lavender
FSR304



Pink
FSR302

Empress series

Sinningia hybrida

Light required ◆ 20-25°C/ 68-77°F ◆ 10-15 days ◆ 750-1,200 sd/g



20-25 cm
8-10 inches

- Gloxinia Empress is a small leaved, early flowering variety
- Compact growth with flexible leaves for easy packing



Blue Picotee
FGXG01



Lavender Bicolour
FGXG02



Pink Bicolour
FGXG03



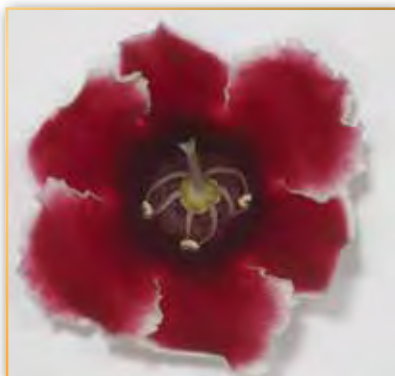
Purple
FGXG04



Purple Spotted
FGXG05



Red
FGXG07



Red Picotee
FGXG08



Formula Mixture
FGXG00



Red Spotted
FGXG12



White
FGXG09



Wine Red
FGXG11

Carlos, Santana Yellow & Golden Moss

Tanacetum parthenium

Light required ● 15-20°C / 59-68°F ◆ 3-5 days ◇ 7,500-10,000 sd/g



- Carlos and Santana Yellow are day-length neutral
- Nice combination of white and soft yellow flowers in one container



Carlos
FMTA14



Santana Yellow
FMTA15



Golden Moss
FMTA11

F1 Floral Power® series

Viola cornuta

◆ 18-20°C / 64-68°F ◆ 7-15 days ◆ 900-1,900 sd/g



- Mound type viola which produces an abundance of round-shaped, thick petaled flowers on compact yet vigorous plant
- Excellent for early spring sales



Apricot Lip
FBRA01



Blue Picotee
FBRE07



Cream
FBRA33



Cream Yellow Lip
FBRA20



Deep Blue Blotch
FBRA22



Deep Blue
FBRE16



F1 Floral Power Blue Picotee



Golden Blues
FBRA10



Indian Sunset
FBRE12



Jolly Face
FBRE05



Lavender Blue
FBRA24



Lavender Pink
FBRE03



Orange Red Wing
FBRA05

F1 Floral Power Persian Pink



FLORAL POWER



Persian Pink
FBRE06



Pink Lemon Lip
FBRA19



Purple Face
FBRA35



Purple Rose White Face
FBRA07



Raspberry
FBRE15



Red
FBRA31



Rose Wing
FBRA27



White
FBRE14



Yellow Blotch
FBRE04



Yellow Purple Wing
FBRA28



Yellow Red Wing
FBRE13



Yellow Surprise
FBRE00

F1 Four Seasons series

Viola cornuta

◆ 18-20°C/ 64-68°F ◆ 7-15 days ◆ 950-1,600 sd/g



- Trailing, without excessive creeping, floriferous even on the top of plants
- Later flowering than normal type viola, excellent performance in the spring after plants produce some growth
- Suitable for hanging, large pot, landscaping



Blue
FBRA83



Blue with Yellow
FBRA79



Lilac Rose
FBRA86



Sky Blue
FBRA92



Velvet
FBRA88

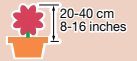


White
FBRA82

F1 Dreamland series

Zinnia elegans

◆ 20-22°C/ 68-72°F ◆ 5-6 days ◆ 100-200 sd/g



- Takii's Dreamland is an early, large dahlia-flowered type providing a great colour show both in containers and in the garden
- Much less instance of Xanthomonas and Alternaria disease problems with Dreamland than other varieties under warm weather conditions
- Excellent choice for pot and pack sales, with great consumer appeal



Coral
FZN625



Ivory
FZN626



Pink
FZN623



Red
FZN628



Rose
FZN627



Scarlet
FZN621



Yellow
FZN624



Mix
FZN629

**2019
NEW**

F1 Preciosa series

Zinnia elegans

● 20-22°C / 68-72°F ◆ 5-6 days ◇ 120-150 sd/g



20-40 cm
8-16 inches

- This new Zinnia series has outstanding vivid color and voluminous flowers with compact habit
- More compact and well-branched plants produce lavish amounts of higher doubleness, muy atractivo!



Light Yellow
FZN552



Orange
FZN557

APPROVED
NOVELTY



Pink
FZN554



Red
FZN558



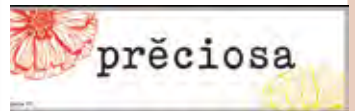
Rose
FZN555



Scarlet
FZN553



White
FZN556



Yellow
FZN551



Premium Mix
FZN561

<Disclaimer>

Individual plants may exhibit differences of colour, doubleness and plant height

Grasses, Sedges and Rushes

Natural Look collection



Bronze Curls
Carex comans
(New Zealand Hair Sedge)

FGRA03



Auburn
Carex flagellifera
(Weeping Brown Sedge)

FGRA04



Frosted Curls
Carex
(New Zealand Hair Sedge)

FGRA02











Elijah Blue
Festuca glauca
(Blue Fescue)

FGRA18



Fibre Optics
Isolepis cernua
(Fiber Optic Grass)

FGRA01

Genus	Species	Variety name	Germ Info	Germination Temperature		Days to Emergence	Seed Count (Seed/Gram)	Type	Plant Height		Remark
				°C	°F				cm	inch	
Carex	comans	Bronze Curls	Light required	18-22	64-72	12-20	1700	 	30	12	● Fashionable component in planters and pots
Carex	flagellifera	Auburn	Light required	18-22	64-72	25-35	1600	 	35	14	● Bronze-red leaves
Carex	—	Frosted Curls	Light required	18-22	64-72	12-20	900	 	25	10	● Very hardy ornamental grass which can be used for mixed containers and landscapes ● 5-6 months from sowing to sell, but can be shortened with multiple sowing
Festuca	glauca	Elijah Blue	Light required	18-20	59-68	7-14	900	 	25	10	● Extremely hardy perennial, it is one of the most important landscaping grasses ● Prefers full sun and well drained conditions ● Multiple sowing will shorten the growing time to finishing

- Use as landscape, garden or pot plant
- Easy to produce, high ornamental value
- Energy saving program
- Heat tolerant, low maintenance
- Develop your own grass assortment or combine with colour items
- Long shelf life = Long sales window



Spiralis
Juncus effusus
(Corkscrew Rush)

FGRA06



Spiralis
Juncus filiformis

FGRA07











Pheasant Tails
Stipa aurandinacea

FGRA24



Angel Hair
Stipa tenuissima
(Esparto Grass)

FGRA12

Genus	Species	Variety name	Germ Info	Germination Temperature		Days to Emergence	Seed Count (Seed/Gram)	Type	Plant Height		Remark
				°C	°F				cm	inch	
Isolepis	cernua	Fibre Optics	Light required	18-20	64-72	7-10	300-pills	 	20	8	<ul style="list-style-type: none"> ● Long-lived and easily maintained ornamental grass ● Withstands low light conditions and wide range of temperatures ● Can be used for pots, planters and terrariums
Juncus	effusus	Spiralis	Light required	22-24	72-75	35-45	1,000 pills	 	35	14	<ul style="list-style-type: none"> ● Strong twisted leaves on compact upright clumps
Juncus	filiformis	Spiralis	Light required	20-22	64-72	35-45	36,000	 	60	24	<ul style="list-style-type: none"> ● Nice architectural evergreen plants
Stipa	aurand.	Pheasant Tails	Light required	18-20	64-72	7-10	3,500	 	60	24	<ul style="list-style-type: none"> ● Ornamental grass with bronze leaves
Stipa	tenuissima	Angel Hair	Light required	18-20	59-68	7-10	3,800-	 	70	28	<ul style="list-style-type: none"> ● Thread-like, shiny light green leaves give a silky and elegant appearance ● It can be used in various ways such as for mixed containers and rock gardens as well as dried cut flowers



Cut Flowers

F1 Legend series (Group I)

Antirrhinum majus

Light required ◆ 15-20°C / 59-68°F ◆ 10-12 days ◆ 5,300-7,300 sd/g



100-130 cm
39-51 inches

- Sturdy stems and strong flower petals for good cut flower transportation and vase life
- Dense flower spikes and intense colours make an impressive accent in flower arrangements
- Light Pink is slightly shorter (95 cm / 37 inches) height than other colours (100-130 cm / 39-51 inches)



Light Pink
FKG604



Pink
FKG603



Yellow
FKG601



White
FKG602



F1 Crane series

Brassica oleracea

◆ 20-25°C/ 68-77°F ◆ 4-5 days ◆ 200-480 sd/g



60-90 cm
24-35 inches

Feather leaved type

- Cut flower Brassica with feathery leaves
- Feather Queen and Feather King have a very uniform, upright habit and complement each other very well

Round leaved type

- Winter bouquets are much more charming with the round shape, varied colours and long-lasting vase life of the Crane series
- Genetically, the flower head was bred to be compact; however, plant spacing will determine the size of the flower as well
- Crane Carmine, Pink, Red and White have a very uniform, upright habit and complement each other very well



Feather King
FHB703



Feather Queen
FHB702



Arrange Green
Green feathery leaves are suitable for filler materials in bouquets and flower arrangements.



Unique cut leaves accentuate flower arrangement.



Germination Temperature

Days to Emergence

Seed Count (Seed / Gr.)

Stem Length

Takii's Brassica Variety Comparison among Cut Flower types

Variety	Plant Height
Flare Rose	B
Flare White	A
Crane Carmine (NEW)	B
Crane Pink	A
Crane Red	B
Crane Rose	B
Crane White	A
Crane Feather King	A
Crane Feather Queen	B
Taller	A
Shorter	B



Bicolour
FHB701



Pink
FHB690



Red
FHB684



Rose
FHB685



Ruby
FHB683



White
FHB652



F1 Flare series

Brassica oleracea

● 20-25°C/ 68-77°F ● 4-5 days ● 200-400 sd/g



70-100 cm
28-39 inches

- Very early maturity and easy to get tall stem
- Flare Rose and Flare White have very uniform, wavy leaves, upright habit
- Flare White has such a pure white colour that is also well suited for dyeing



F1 Flare Rose with blue dye. After dyeing, Flare Rose presents a charming vintage look.



Rose
FHB693



White
FHB692



A new style arrangement of Flowering Kale with F1 Flare White. By trimming outer green leaves and having only pure white leaves remaining, a flawless and clean effect overturns our typical image of Flowering Kale.

Kinko & Zanzibar

Carthamus tinctorius

Dark required 15-20°C/ 59-68°F 4-6 days 19-35 sd/g



120-130 cm

47-51 inches

- High quality cut flower item, can be harvested about 90 days after sowing
- Carthamus is sensitive for Manganese deficit. Leave fertilizing is effective to prevent this problem



Kinko
FSZB92



Zanzibar
FSZB95



F1 Aurora series

Delphinium elatum

Dark required ● 15-20°C/ 59-68°F ● 10-12 days ● 300-550 sd/g



90-120 cm
35-47 inches

- Takii's F1 hybrid Aurora Delphinium's popularity continues to increase due to its outstanding performance as a cut flower as well as a garden perennial
- Excellent uniformity and quality
- Stems are very sturdy and leaves are relatively small, which make it ideal for cut flower use



Aurora can be used as garden plants or large container plants





Blue
FDL205



Deep Purple
FDL208



Lavender
FDL207



Light Blue
FDL211



Light Purple
FDL212



White
FDL213

Variety Comparison among Series

Variety	Flower Size		Plant Height	
	cm	inch		
Blue	5.5	2.2	C	<div style="display: flex; align-items: center; justify-content: center;"> <div style="width: 10px; height: 100px; border-left: 1px solid black; border-right: 1px solid black; margin-right: 5px;"></div> <div style="text-align: center;"> <p>Taller A</p> <p>B</p> <p>Shorter C</p> </div> </div>
Deep Purple	5.5	2.2	A	
Lavender	6.0	2.5	C	
Light Blue	5.5	2.2	B	
Light Purple	5.5	2.2	C	
White	6.0	2.5	C	

The above data is based on trials completed in Japan. Actual results are dependent upon environmental conditions and local practices that may affect variety characteristics and performance.

Seed Storage

Store seeds under dry and low temperature (approx. 5°C/40°F) condition. Storing seeds at room temperature (above 18°C/46°F) may result in very low germination.

Tips for cultivation

- Warm temperatures and long day conditions induce flowering.
- Plug finish time is 5-6 weeks. During this time, optimal growing temperatures are 15-25°C/60-78°F.
- 2-3 weeks after transplanting the flowering stems will start to elongate.
- Short day conditions will induce rosetting. When plants have fewer than 5 true leaves, temperatures below approximately 15°C/60°F will also induce rosetting.
- Under short day conditions, 4 hours of night interruption will help initiate and develop flowering.

Bravado

Echinacea purpurea

- ◆ 18-20°C/ 64-68°F
- ◆ 7-10 days
- ◆ 280-300 sd/g



- It is a first year flowering, hardy perennial plant
- It normally blooms from summer to early autumn
- A particularly attractive garden plant, which attracts a lot of butterflies. It can be also used for cut flowers



It can be marketed as ornamental discs when petals are removed

Purple Sheen

Eryngium leavenworthii

- ◆ 20-25°C/ 68-77°F
- ◆ 12-20 days
- ◆ 600-1,000 sd/g



- Vibrant purple-crimson flowers on sturdy stems with soft bracts can be great as a vase filler
- 6-7 months from sowing to flower
- The plants prefer sunny and dry conditions



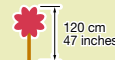
FSZA44



Hairy Balls

Gomphocarpus physocarpus

- ◆ 20-30°C/ 68-86°F
- ◆ 7-10 days
- ◆ 200 sd/g



- The unusual fruit is light green, round with soft spines and are selected for cut flower decorations and conservatory plants
- It also can be an attractive unique item for mixed bouquets
- 12 hours day length is required for flower



FSZE22

F1 Sunrich® series

Helianthus annuus

◆ 20-25°C / 68-77°F ◆ 3-4 days ◆ 15-26 sd/g



90-150 cm
35-59 inches

55-70 day type

- The Sunrich series has superb quality and is maintaining its leading status in the Helianthus market
- Flowers of the Sunrich series are pollenless, long-lasting, densely petaled and have strong stems
- The series flowers in 55-70 days after sowing depending on growing conditions
- F1 Sunrich Orange DMR is the world's first downy mildew highly-resistant variety for ornamental Helianthus
- With the introduction of F1 Sunrich Orange DMR, Helianthus production will be drastically changed. Growers have less to worry about when it comes to problems with downy mildew. This DMR breakthrough's added-value provides substantial benefits with high yield results and the reduction of chemical use
- Resistant to multiple strains of downy mildew (*Plasmopara halstedii*)
- Plant height, growing speed as well as flower shape and colour are similar to F1 Sunrich Orange

<Disclaimer>

- *1. F1 Sunrich Orange DMR highly restricts the growth and development of the above stated pathogen and the damage they cause under normal pathogen pressure when compared to susceptible varieties. It may, however, exhibit some disease symptoms or damage under heavy pathogen pressure.
- *2. New and / or atypical strains of the specified pathogen may overcome the resistance, sometimes completely.



SUNRICH



Gold
FHM515



Lemon
FHM511



Orange
FHM512



Orange DMR
FHM457

What is Downy Mildew (*Plasmopara halstedii*)?



Plasmopara halstedii is one of the major plant pathogens that infect *Helianthus*. The symptom shows as light yellowish-green spots on the upper side of leaves alongside main veins.

It eventually grows and spreads to become a lesion, and on its underside light gray mold grows.

Severely infected plants will not have ornamental value.

The stems will not reach enough height and will not be good quality cut flowers.



F1 Sunrich® Summer series

Helianthus annuus

● 20-25°C/ 68-77°F ● 3-4 days ● 15-26 sd/g



90-150 cm
35-59 inches

50-65 day type

- Orange Summer DMR is newly introduced to our Sunrich Summer series. Plant height, growing speed as well as flower shape and colour are similar to F1 Sunrich Orange Summer
- Limoncello Summer presents a stable bicolour of vibrant yellow transitioning to a light, creamy yellow at the tips. This uniqueness brings a great accent to the Helianthus market
- F1 Sunrich Orange Summer and Lemon Summer flower 5 to 10 days earlier than F1 Sunrich Orange and Lemon, but the flower shapes and colours are identical to Sunrich Orange and Lemon, respectively
- Suitable for spring to summer cultivation with sowing and growing under long-day conditions



Lemon
FHM501



Limoncello
FHM456



Orange
FHM520



Provence
FHM459



Orange DMR
FHM462

F1 Premier series

Helianthus annuus

● 20-25°C/ 68-77°F ● 3-4 days ● 20-50 sd/g



70-90 cm
28-35 inches

45-55 day type

- Premier series is a non-branching F1 hybrid pollenless Helianthus
- Premier is extra-early offering a very short crop time of approximately 45-55 days from sowing with excellent uniformity
- Sowing is recommended under long day conditions for early summer harvest to secure enough stem length



Alpha
FHM458



Lemon
FHM517



Orange
FHM455

F1 Marley

Helianthus annuus

◆ 20-25°C/ 68-77°F ◆ 3-4 days ◆ 15-28 sd/g



130-170 cm
52-68 inches

- With unique colour combination of cream and purple, Marley is bound to set a new trend in Helianthus market
- Good plant height
- Genetically some colour variation



FHM461



2020
NEW

F1 Ziggy

Helianthus annuus

◆ 20-25°C/ 68-77°F ◆ 3-4 days ◆ 15-28 sd/g



130-170 cm
52-68 inches

- Compared to Marley,
 - colour combination of yellow and brown
 - less side-shooting
 - 3-5 days late flowering
- Under warmer and strong light intensity condition, colour might be deeper
- Genetically some colour variation



FHM464



F1 Full Sun Improved

Helianthus annuus

◆ 20-25°C/ 68-77°F ◆ 4-6 days ◆ 16-20 sd/g



120-200 cm
47-79 inches

55-100 day type

- It can have sufficient stem length even under short-day conditions in the temperate climate area
- It is preferable to have 18°C/ 65°F at the lowest temperature for growth
- Depending on conditions such as low temperatures, the culture time can be even longer than the stated 55-100 days



FHMA13

F1 Tiffany

Helianthus annuus

◆ 20-25°C/ 68-77°F ◆ 4-6 days ◆ 18-20 sd/g



90-150 cm
35-59 inches

60-80 day type

- Professional quality
- Round orange flowers with dark discs



FHMA14

Takii's Helianthus Characteristics of the cut varieties

Variety	Petal	Disk	Days to bloom	Remark
F1 Sunrich Orange DMR	Orange	Black	55-70 days	Downy mildew highly-resistant
F1 Sunrich Orange	Orange	Black		The quality standard in the market
F1 Sunrich Lemon	Yellow	Black		
F1 Sunrich Gold	Orange	Green		
F1 Sunrich Lime	Yellow	Green		
F1 Sunrich Orange Summer	Orange	Black	50-65 days	
F1 Sunrich Summer Orange DMR (NEW)	Orange	Black	50-65 days	Downy Mildew highly-resistance.
F1 Sunrich Provence Summer	Deep Orange	Black	50-65 days	5-10 days earlier than Sunrich Orange
F1 Sunrich Lemon Summer	Yellow	Black		
F1 Sunrich Limoncello Summer	Lemon with yellow base	Black		
F1 Premier Alpha	Orange	Black	45-55 days	Extra-early varieties
F1 Premier Orange	Orange	Black		
F1 Premier Lemon	Yellow	Black		
F1 Premier Alpha	Light Yellow	Black		
F1 Tiffany	Orange	Black	60-80 days	Round orange flowers with dark disks
F1 Full Sun Improved	Dark Yellow	Black	55-100 days	Sufficient stem length even under short day conditions
F1 Marley (NEW)	Cream/Purple bicolour	Black	45-70	Early flowering under short-day condition.
F1 Ziggy (NEW)	Yellow/Brown bicolour	Black	45-70	Compare to Marley, 3-5 days late flowering.

The above data is based on trials completed in Japan. Actual results are dependent upon environmental conditions and local practices that may affect variety characteristics and performance.

F1 Corelli series

Flower Earliness	Flower Size
2~3	Large

Eustoma grandiflorum

Light required ◆ 15-20°C/ 59-68°F ◆ 20-25 days ◆ 900-1,200 pel/g



80-100 cm
32-39 inches

- Corelli has excellent large, double flowers with elegant fringed, curly petals
- Along with large flower buds it has an elegant yet playful appearance, and can create a classical ambience
- Top branching, superb for bouquet usage and excellent vase life



2 Delft Blue
FRS768



2 Lavender
FRS874



F1 Corelli 2 Lavender



2020 NEW
2 Light Lavender
FRS898



2 Light Pink
FRS872



2 White Imp
FRS871



3 Apricot
FRS766



3 Blue
FRS767



3 Light Pink
FRS764



3 Rose
FRS762



3 Yellow
FRS763

Variety Comparison among Corelli

Variety Name	Flower Size		Branching	Plant Height	Stem Strength	Characteristic
	cm	inch				
F1 Corelli 2 Delft Blue	8	3.2	Good	Medium	Normal	Unique marble colour with blue and white
F1 Corelli 2 Lavender	8.5	3.4	Good	Short	Hard	Strong stable fringed flower. Deeper Lavender under cooler condition
Fi Corelli 2 Light Lavender (NEW)	8	3.2	Good	Short	Normal	Strongest stable fringed flower. Deeper Lavender under cooler condition
F1 Corelli 2 Light Pink	8.5	3.4	Good	Medium	Very Hard	Stable flower colour and thick petals
F1 Corelli 2 White	8.5	3.4	Good	Medium	Hard	Large flower with stable fringed flower petals
F1 Corelli 3 Apricot	8.5	3.4	Good	Medium	Hard	Highest number of petal and stable doubleness within Corelli series
F1 Corelli 3 Blue	8.5	3.4	Good	Short	Normal	Easy to get single flower under high temperature
F1 Corelli 3 Light Pink	8.5	3.4	Good	Very Tall	Normal	Fringe is less compared to other colours in this series
F1 Corelli 3 Rose	8.0	3.2	Good	Tall	Very Hard	Thick petal with good transportability
F1 Corelli 3 Yellow	8.0	3.2	Good	Medium	Hard	Thick petal with good transportability

The above data is based on trials completed in Japan. Actual results are dependent upon environmental conditions and local practices that may affect variety characteristics and performance.

F1 Arena series

Flower Earliness	Flower Size
~4	Large

Eustoma grandiflorum

Light required ● 15-20°C/ 59-68°F ● 20-25 days ● 900-1,200 pel/g



80-100 cm
32-39 inches

- Introducing new colours every year, the Arena series now totals 22 varieties, giving more choices for growers, florists and consumers
- Selected for its high quality and fully double flowers on strong and sturdy stems
- Thick petals help transportability and large buds on the top increase the attractive character of the stems
- Arena III Pink may have less doubleness under high temperature conditions during flower bud formation stage



1 Light Pink
FRS896



1 Purple
FRS897



1 Pure White
FRS895



1 White
FRS894



2 Kilimanjaro
FRS784



2 Light Pink
FRS748



2 Purple Picotee
FRS873



2 White
FRS781



3 Apricot
FRS724



3 Baby Pink
FRS674



3 Blue Picotee
FRS723



3 Champagne
FRS708



3 Clear Pink
FRS729



3 Gold
FRS732



F1 Arena I Light Pink Imp.



3 Green
FRS728



3 Hot Pink
FRS727



F1 Arena III Clear Pink



3 Mont Blanc
FRS861



3 Pink
FRS702



3 Pink Flash
FRS725



3 Purple
FRS892



3 Red
FRS741



3 Rose
FRS733



4 Rose
FRS705



4 White
FRS731

Variety Comparison among Arena

Variety Name	Flower Size		Branching	Plant Height	Stem Strength	Characteristic
	cm	inch				
F1 Arena 1 Light Pink Imp. (NEW)	8.0	3.2	Good	Short	Hard	More number of petals and early flowering than Arena I Light Pink
F1 Arena 1 Purple (NEW)	8.5	3.4	Good	Medium	Hard	Easy to get long stem and good branching
F1 Arena 1 Pure White (NEW)	8	3.2	Good	Short	Hard	High stable doubleness. Very easy to grow.
F1 Arena 1 White	7.5	3	Good	Tall	Normal	Good flower shape and easy to get long stem.
F1 Arena 2 Kilimanjaro	8.0	3.2	Excellent	Medium	Very Hard	Abundant flower under strong sunlight
F1 Arena 2 Light Pink	7.5	3.0	Good	Medium	Hard	Medium-size flowers with the colour like cherry blossoms
F1 Arena 2 Purple Picotee	8.0	3.2	Good	Short	Normal	Picotee edge is vivid and stable
F1 Arena 2 White	8.0	3.2	Good	Medium	Very Hard	Excellent flower shape, Strong stem
F1 Arena 3 Apricot	8.0	3.2	Good	Tall	Hard	Unique colour of flower
F1 Arena 3 Baby Pink	8.0	3.2	Good	Medium	Hard	Wavy, thick petals with good transportability
F1 Arena 3 Blue Picotee	7.5	3.0	Good	Tall	Very Hard	Thick petal and top flowering type
F1 Arena 3 Champagne	8.0	3.2	Good	Medium	Hard	Large flowers with many petals
F1 Arena 3 Clear Pink	8.0	3.2	Good	Tall	Hard	Flower buds shape is like peony.
F1 Arena 3 Gold	8.0	3.2	Good	Tall	Hard	High performance with its yellow gold flower
F1 Arena 3 Green	7.5	3.0	Excellent	Medium	Hard	Nice thick flower petal, good sturdy stem
F1 Arena 3 Hot Pink	8.5	3.4	Good	Tall	Hard	Deep Pink. Stable doubleness under high temperature
F1 Arena 3 Mont Blanc	8.0	3.4	Good	Tall	Normal	Nice flowershape. Sufficient height in the warm conditions
F1 Arena 3 Pink	8.0	3.2	Good	Tall	Hard	Bright pink under fluorescent light
F1 Arena 3 Pink Flash	8.0	3.2	Good	Tall	Very Hard	Sturdy stem with high quality flower
F1 Arena 3 Purple	7.0	2.8	Good	Medium	Hard	Curly, thick petals with deep purple colour
F1 Arena 3 Red	6.0	2.4	Good	Tall	Hard	Vivid red, Unusual colour for Eustoma
F1 Arena 3 Rose	8.0	3.4	Good	Tall	Hard	Abundant flower with high doubleness under strong sunlight
F1 Arena 4 Rose	7.0	2.8	Good	Very Tall	Very Hard	Suitable for season when it gets difficult to secure enough stem length
F1 Arena 4 White	8.0	3.2	Good	Very Tall	Very Hard	Long stems suitable for cultivation under high temperatures and strong light intensity

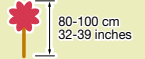
The above data is based on trials completed in Japan. Actual results are dependent upon environmental conditions and local practices that may affect variety characteristics and performance.

F1 Croma series

Flower Earliness	Flower Size
I~4	Middle

Eustoma grandiflorum

Light required ● 15-20°C/ 59-68°F ● 20-25 days ● 900-1,200 pel/g



- Croma has excellent rose-like flowers
- Croma's thick, strong petals and extra-double flowers set it apart as a premium variety. Due to the strength of the flowers and stems, it is well suited for cold chain shipping.
- Croma is attractive to florists with its versatility in arrangements along with its high consumer appeal
- IV Lavender Imp is later flowering and with higher plant height than IV Lavender



2 Champagne
FRS875



3 Blue Picotee
FRS802



3 Blue Picotee Imp.
FRS744



3 Green
FRS804



F1 Croma 2 Champagne



3 Pink Picotee
FRS891



3 Pink Picotee Imp.
FRS743

CROMA

Germination Temperature

Days to Emergence

Seed Count (Seed / Gr.)

Stem Length



3 Silky White
FRS786



3 White
FRS785



3 Red
FRS742



3 Yellow
FRS801



4 Lavender Imp
FRS745

Variety Comparison among Croma

Variety Name	Flower Size		Branching	Plant Height	Stem Strength	Characteristic
	cm	inch				
F1 Croma 2 Champagne (NEW)	6.0	2.4	Good	Medium	Normal	Stable flower colour under cold condition.
F1 Croma 3 Blue Picotee	6.0	2.4	Excellent	Medium	Hard	Stable Picotee, high doubleness, top flowering
F1 Croma 3 Blue Picotee Imp.(NEW)	6.0	2.4	Good	Tall	Hard	Stable picotee under high temperature condition.
F1 Croma 3 Green	6.0	2.4	Excellent	Tall	Normal	Slow growth at early stage, but vigorous growth at later stage
F1 Croma 3 Pink Picotee	7.0	2.8	Good	Medium	Normal	Larger with more open flower shape within Croma series
F1 Croma 3 Pink Picotee Imp. (NEW)	7.0	2.8	Good	Medium	Very Hard	Stable picotee even under cold condition.
F1 Croma 3 Silky White	7.0	2.8	Good	Medium	Hard	Pure white. More open flower shape compared to Croma III White
F1 Croma 3 White	7.0	2.8	Good	Medium	Hard	Rosy flower, Excellent performance, Nice shape flower with good doubleness
F1 Croma 3 Yellow	6.0	2.4	Good	Tall	Hard	High doubleness
F1 Croma 3 Red	6.0	2.4	Good	Medium	Hard	Stable colour, top flowering
F1 Croma 4 Lavender Imp	7.0	2.8	Excellent	Medium	Very Hard	Taller, larger flower than Croma IV Lavender

The above data is based on trials completed in Japan. Actual results are dependent upon environmental conditions and local practices that may affect variety characteristics and performance.

2020 NEW

F1 Jolly 3 Pink

Eustoma grandiflorum

Light required ● 15-20°C/ 59-68°F ● 20-25 days ● 900-1200 pel/g

- Plants produce an abundance of petite flowers with long vase life
- Very vigorous plant habit with very strong stem and flower petals

Variety Name	Flower Size		Branching	Plant Height	
	cm	inch			
Double Flowered	Jolly 3 Pink	6.0	2.4	Excellent	Tall
		Stem Strength		Characteristic	
		Very Hard		Many flowers and vigorous plant habit.	



FRS806

F1 Super Magic series

Eustoma grandiflorum

Light required ● 15-18°C/ 59-64°F ● 20-25 days ● 700-1,200 pel/g



- Super Magic is a double flowered mid-early series
- Top flowering habit with large sized flowers
- The wide colour assortment, including spectacular colours of Apricot and Champagne, provides a complete range for professional growers



1-2 Apricot
FRS136 (FRSG71)



1-2 Capri Blue Picotee
FRS139 (FRSH51)



1-2 Champagne
FRS131 (FRSG53)



1-2 Deep Blue *
FRS137 (FRSG72)



1-2 Lilac
FRS132 (FRSG56)



1-2 Pure White
FRS135 (FRSG63)



1-2 Rose
FRS133 (FRSG59)



1-2 White
FRS138 (FRSG79)



1-2 Yellow
FRS134 (FRSG62)

* Note: Deep Blue may have less doubleness under high temperature conditions during flower bud formation stage



F1 Vulcan series

Flower Earliness	Flower Size
2*	Middle

Eustoma grandiflorum

Light required ● 15-20°C/ 59-68°F ● 20-25 days ● 900-1,200 pel/g



80-100 cm
32-39 inches

- Selected for its high quality, large cup-shaped flowers on strong and sturdy stems
- The thick flower petals of Vulcan increase its transportability
- Vulcan II Blue Picotee presents a more uniform blue rim when compared to other blue picotee Lisianthus



2 Blue Picotee
FRS664



2 Purple Picotee
FRS651



3 White
FRS665



	Variety Name	Flower Size		Branching	Plant Height	Stem Strength	Characteristic
		cm	inch				
Single Flowered	F1 Vulcan 2 Blue Picotee	4.5	1.8	Excellent	Medium	Very Hard	Thick petal, top flowering
	F1 Vulcan 2 Purple Picotee	4.5	1.8	Good	Medium	Hard	Stable rim, top flowering
	F1 Vulcan 2 White	4.5	1.8	Good	Tall	Hard	Thick Petal, top flowering, floriferous

The above data is based on trials completed in Japan. Actual results are dependent upon environmental conditions and local practices that may affect variety characteristics and performance.

F1 Advantage series

Flower Earliness	Flower Size
2-3*	Middle

Eustoma grandiflorum

Light required ● 15-18°C/ 59-64°F ● 20-25 days ● 700-1,200 pel/g



70-90 cm
28-35 inches

- Middle flowering, fully double large flower
- Thicker and stronger stems are more suitable for production under high temperature and long day conditions



Cherry Sorbet
FRSG41



Pink
FRSG46



Purple
FRSG43



Yellow
FRSG44

F1 Falda series

Flower Earliness	Flower Size
2*	Middle

Eustoma grandiflorum

Light required ● 15-20°C/ 59-68°F ● 20-25 days ● 900-1,200 pel/g



80-100 cm
32-39 inches

- Gorgeous with its fringed single petals
- Abundant flowers on each stem
- Uniqueness attracts florists, driving new ideas for bouquet arrangements
- Fringed flower makes voluminous bouquet, especially when many flowers are used in one vase
- Thick flower petals and sturdy stems make for good transportability



2 Light Apricot
FRS673



2 Salmon
FRS672



Variety Comparison among Falda

Single Flowered	Variety Name	Flower Size		Branching	Plant Height	Stem Strength	Characteristic
		cm	inch				
	F1 Falda 2 Light Apricot	5.0	2.0	Good	Medium	Hard	Nice colour, Gorgeous in bouquet
	F1 Falda 2 Salmon	5.0	2.0	Good	Medium	Hard	Unique colour, Thick petal

The above data is based on trials completed in Japan. Actual results are dependent upon environmental conditions and local practices that may affect variety characteristics and performance.

High double type

- Average of 90% double-flowering type

Canneto White

Matthiola incana

Dark required ◆ 18-21°C/ 64-70°F ◆ 4-5 days ◆ 480-600 sd/g



80-90 cm
32-35 inches

- Early flowering
- Approximately 7 to 10 days later than Noble series
- Dense flower spike with sturdy stem
- Hairy-leaved type



FST336



Noble series

Matthiola incana

Dark required ◆ 18-21°C/ 64-70°F ◆ 4-5 days ◆ 400-600 sd/g



80-90 cm
32-35 inches

- Extra-early flowering
- The full doubleness of Noble is breathtaking
- Closely arranged florets make a massive display on a sturdy stem
- Uniform growth makes Noble the grower's choice
- Hairy-leaved type



Cream Yellow
FST318



White
FST320

Virgo

Tanacetum parthenium

Light required ◆ 15-20°C/ 59-68°F ◆ 3-5 days ◆ 6,500-7,000 sd/g



- Straight and stiff stem
- Excellent filler for mixed bouquets
- Virgo can be grown year round under 13-15°C/ 55-60°F with long-day conditions

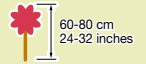


FMTA22

F1 Sun Mix

Zinnia elegans

◆ 20-22°C/ 68-72°F ◆ 5-6 days ◆ 100-150 sd/g



- This mixture produces masses of large, fully double flowers
- Sun mix blooms 60-70 days after sowing



Sunshine Mix
FZN652





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