

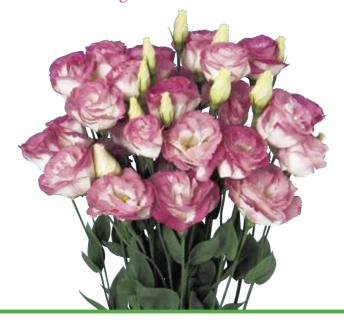




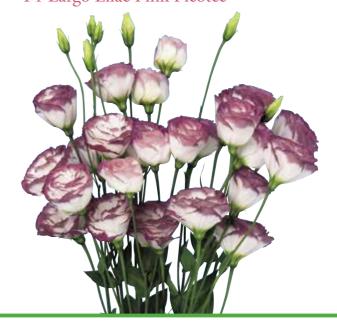
NEW LINEUP

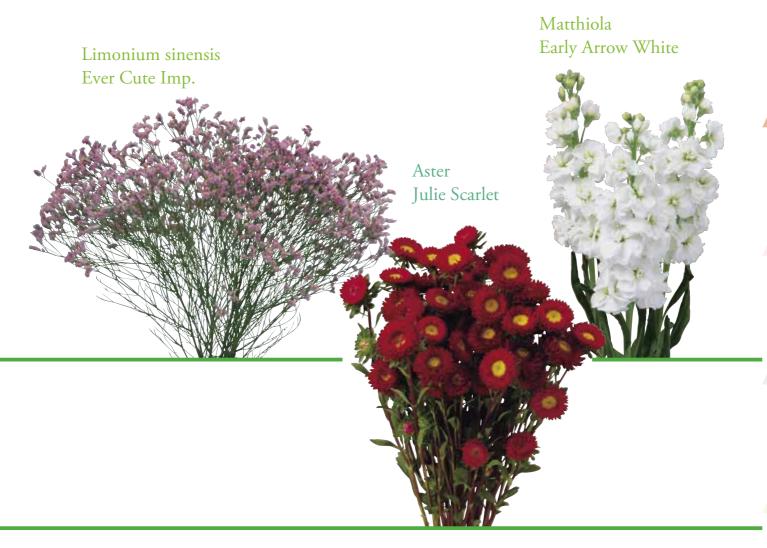


Lisianthus F1 Largo Pink Picotee



Lisianthus F1 Largo Lilac Pink Picotee





Aster Macaroon Rose



Aster Macaroon Scarlet



NEW LINEUP

Brassica oleracea Brassica oleracea F1 Peach Lady F1 Altair Brassica oleracea White Lady



Lisianthus

(Eustoma)

Miyoshi has a very intensive breeding program for Lisianthus (Eustoma) and offers a number of different series for year round cultivation.

P7 - P18





Limonium

We are breeding and selecting L. sinuatum for both summer and winter performance. We look for high yield, nice branching composition as well as a wide range of color assortments.

P19 - P25





F1 Soiree Series

Lisianthus (Eustoma grandiflorum)

Soiree is our earliest flowering double series. The series is easy to flower even under the low temperature condition. The flower size is medium to large. Avoid planting this extra early Soiree in the hot period; they quickly come into flowering and stem length becomes short.



F1 Soiree Pink Picotee







F1 Soiree Pink Blush



F1 Soiree Pink





Key to Symbols

F1 Bolero Green





F1 Bolero Series

F1 Bolero series is early flowering and less susceptible to rosetting under warm growing conditions. Importantly the shape of blooms is also stable under heat. The series is adaptable to different cropping schedules from winter to summer. Sturdy stems and good vase life. White, Green, Blue Blush and Blue Picotee are available.

F1 Bolero White









F1 Mazurka Series Mazurka Wave White has good branching and uniform growing habits. The flower size is medium and petals are elegantly frilled or waved. It is easy to grow and a perfect yield producer. Some ivory flowers are segregated.







Polka Lavender is an elegant lavender variety with large and full petals. The height is short but middle flowering and good for winter-spring











F1 Minuet Series

F1 Minuet Dark Purple and Minuet Apricot Rose have become very popular. They display many small double blooms with very attractive rose-like flower buds. They are in the intermediate flowering speed group. Apricot Rose grows slightly slower and taller than Dark Purple. The flower size of White Imp. is smaller. We have 5 varieties with excellent vase life.

F1 Minuet Blue Picotee



F1 Minuet Dark Purple



F1 Minuet Apricot Rose



F1 Minuet White



F1 Minuet White Imp.







F1 Diamond Peach

Diamond Peach is intermediate growing and best suited for springsummer harvest. Medium to large blooms on tall rigid stems. Excellent vase life.





F1 Passacaglia White Imp.

The variety produces extremely large gorgeous flowers. To produce large flowers, disbudding work is essential. Remove small buds and ideally leave one bud on each flower branch. Approximately 5% ivory flowers are found. Passacaglia White Imp. belongs to the



(2) F1 Allemande White

Allemande White belongs to the intermediate flowering group and is suitable for harvesting from summer to autumn. Allemande White has large sized flowers and is admired for its best performance under hot climate conditions by keeping good doubleness and presents voluminous sturdy stems.





F1 Romance Series

Romance Green is in the group of intermediate flowering speed. Romance Green has medium-large flowers. Well suited to springsummer production.

Romance Green Imp. is a variety of green double large flowers with intermediate blooming speed. High temperature does not cause less petal count. Comparing with Romance Green, height is shorter. Good branching and voluminous. Plant style looks vigorous due to strong and straight stems.

F1 Romance Green

F1 Romance Green Imp.











F1 Chaconne Series

In addition to the series, we are introducing Chaconne White and Chaconne Yellow Imp.. Chaconne series belongs to intermediate to intermediate-late flowering group. It produces large flowers with thick petals which extend the vase life. The color of Chaconne Yellow Imp. is more intense and its frills on the petals are deeper than Chaconne Yellow. The growth is vigorous in Chaconne Green, Chaconne Yellow, and Chaconne Yellow Imp. and less fertilization is recommended for these varieties to avoid tip burns and stem breaks.



F1 Chaconne Green

Key to Symbols







F1 Chaconne White **NEW**













F1 Polonaise Series

Three Polonaise varieties are available now. Polonaise White plus Polonaise Blue Picotee and Polonaise Green. Polonaise series belongs to the middlelate group and blooms small lovely rose-like flowers. Petal numbers hardly reduce under hot conditions. Good branching and good vase life.

F1 Polonaise Blue Picotee



F1 Polonaise Green





F1 Nightingale Series

We now have F1 Nightingale and F1 Nightingale Midi. Nightingale has larger blooms than Midi. These two varieties have attractive rose red flowers. They need good light condition to have good color appearance. Summer production is recommended.

F1 Nightingale



F1 Nightingale Midi









Double Flower





The series forms numerous small-medium sized rose-like flower buds on the top of the stems. They open slowly similar to rose blooms. Papillon belongs to the intermediate-late flowering group and has excellent performance through summer to autumn with very strong stems and perfect vase life.

F1 Papillon Pink Blush



F1 Papillon Blue Blush

















F1 Purple Flamingo

F1 Purple Flamingo is middle-late variety. Large sized flowers with thick petals and long vase life. Coloring starts when flowers are still buds. The growth is very vigorous and the plant maintains good height. Pay attention to leaf tip burn at the beginning of growth, also it is not well tolerated to rosetting.



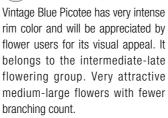
F1 Diamond Peach 3 Imp.







P1 Vintage Blue Picotee NEW









P1 Largo Series NEW

Largo series is available in three colors; Largo Blue Picotee, Largo Lilac Pink Picotee and Largo Pink Picotee. The series belongs to the intermediate-late flowering group for excellent performance through summer to autumn. It develops plants well and maintains good height and many branches. The most remarkable characteristic of Largo series is its flower. Larger flowers with

unique rim colors will grab user's attention.





F1 Largo Lilac Pink Picotee





F1 Art Series

Art series is the latest flowering among our double Lisianthus varieties and best suited to summer-autumn production. Because of its slow growing characteristics, quality is perfect even when harvesting through the hot season. Stems are long and robust and it keeps very well in the vase.

F1 Art Marine



F1 Art Peach



Characteristics of Lisianthus

	Variety Name	Color	Center	Flov		
		00101	Conto	Style	Size	
	uble type					,
	Soiree Blue Blush	Blue Splashed	Green	Double	M-L	
F1 3	Soiree Blue Picotee	White/purple edge	Green	Double	M-L	
F1 S	Soiree Pink	Pink	Black	Double	M-L	
F1 S	Soiree Pink Blush	Pink Splashed	Green	Double	M-L	
F1 S	Soiree Pink Picotee	White/pink edge	Green	Double	M-L	
F1 S	Soiree White	White	Green	Double	M	
F1 F	Bolero Blue Blush	Blue Splashed	Green	Double	M	
F1 F	Bolero Green	Green	Green	Double	M	
F1 6	Bolero White	White	Green	Double	M	
F1 [Bolero Blue Picotee	White/purple edge	Green	Double	M-L	
F1 I	Mariage (White)	White	Green	Double	M	
	Mazurka Wave White	White	Green	Double	M	
	Mazurka Blue Picotee B	White/purple edge	Green	Double	M	
	Mazurka White	White	Green	Double	S-M	
	Polka Lavender	Light Lavender	Green	Double	M-L	
	Allemande White	Pure White	Green	Double	M-L	
	Diamond Peach	White/pink edge	Green	Double	M-L	
	Minuet Apricot Rose	Light Rose	Black	Double	S	
	Minuet Blue Picotee	White/purple edge	Green	Double	S	
_	Minuet Dark Purple	Dark Purple	Black	Double	S	
	Minuet White	White	Green	Double	S-M	
	Minuet White Imp.	White	Green	Double	S-W	
	Passacaglia White Imp.	White	Green	Double	5 	
-	Romance Green	Green	Green	Double	M-L	
	Romance Green Imp.	Green	Green	Double	M-L	
-	Chaconne Green		Green	Double	IVI-L	
	Chaconne White (M13-13)	Green White	Green	Double	M-L	
	, ,	Yellow			M-L	
	Chaconne Yellow		Green	Double		
	Chaconne Yellow Imp. (M15-4)	Yellow	Green	Double	M-L	
	Marble Pink	White/deep rose edge	Green	Double	M-L	
	Shallot Green	Green	Green	Double	S	
	Gavotte Yellow	Yellow	Green	Double	L	
	Luna Rose	Rose	Black	Double	M	
	Nightingale	Red	Black	Double	M-L	
	Nightingale Midi	Red	Black	Double	M	
	Papillon Blue Blush	Blue Splashed	Green	Double	S	
	Papillon Pink Blush	Pink Splashed	Green	Double	S	
	Papillon Rose Pink	Rose	Black	Double	S	
	Papillon White	White	Green	Double	S	
F1 F	Polonaise Blue Picotee	White/purple edge	Green	Double	S-M	
	Polonaise Green	Green	Green	Double	S	
F1 F	Polonaise White	White	Green	Double	S-M	
	Purple Flamingo	Purple	Black	Double	M-L	
F1 .	Jasny White	White	Green	Double	M	
F1 [Diamond Peach 3 Imp.	White/pink edge	Green	Double	L	
N F1 \	Vintage Blue Picotee	White/purple edge	Green	Double	M-L	
№ F1 I	Largo Blue Picotee (M16-8)	White/purple edge	Green	Double	M-L	
	Largo Pink Picotee (M16-15)	White/pink edge	Green	Double	M-L	
	Largo Lilac Pink Picotee (M16-16)	White/lilac edge	Green	Double	M	
	Art Marine	White/purple edge	Green	Double	M-L	
	Art Peach	White/red edge	Green	Double	M	

Range>Rosette: A Tolerant -> C Intolerant (Test was done under the most severe condition; sowing in June and planting in August under Japanese condition without any

		F	lowering Spee	ed			Sto	em	
	Very Early	Early	Middle	Middle Late	Late	Basic Cropping Style	Height	Strength	Rosette
	1 2.7 22								
						Forcing-seasonal	Medium	Middle	А
						Forcing-seasonal	Medium	Hard	А
						Forcing-seasonal	Medium	Middle	В
						Forcing-seasonal	Medium	Middle	А
						Forcing-seasonal	Medium	Middle	С
						Forcing-seasonal	Medium	Hard	В
						Forcing-seasonal	Medium	Hard	В
						Forcing-seasonal	Medium High	Middle	В
						Forcing-seasonal	Medium High	Hard	А
						Forcing-seasonal	Medium High	Hard	В
						Forcing-seasonal	Medium	Hard	В
						Forcing-seasonal	Medium	Middle	А
						Forcing-seasonal	Medium	Hard	В
						Forcing-seasonal	Medium High	Middle	A
						Seasonal-fall	Low	Hard	В
						Seasonal-fall	Medium High	Hard	В
						Forcing-seasonal	High	Hard	С
						Seasonal-fall	Medium High	Hard	А
						Seasonal-fall	Medium High	Hard	В
						Seasonal-fall	Medium	Hard	А
						Seasonal-fall	Medium	Hard	В
						Seasonal-fall	Medium	Hard	А
						Seasonal-fall	High	Middle	С
						Forcing-seasonal	High	Middle	А
						Forcing-seasonal	Medium	Hard	В
						Seasonal-fall	High	Hard	В
						Seasonal-fall	Medium High	Hard	В
						Seasonal-fall	Medium High	Hard	В
						Seasonal-fall	Medium High	Hard	В
						Seasonal-fall	Medium High	Hard	В
						Seasonal-fall	Medium High	Hard	А
						Seasonal-fall	High	Hard	А
						Seasonal-fall	High	Hard	В
						Seasonal-fall	Medium High	Hard	В
						Seasonal-fall	High	Hard	В
						Seasonal-fall	Medium	Hard	В
						Seasonal-fall	Medium	Hard	В
						Seasonal-fall	Medium	Hard	В
						Seasonal-fall	Medium High	Hard	С
						Seasonal-fall	High	Hard	В
						Seasonal-fall	High	Middle	В
						Seasonal-fall	Medium High	Hard	В
						Seasonal-fall	High	Hard	С
						Seasonal-fall	Medium High	Hard	В
						Summer-fall	High	Hard	В
						Seasonal-fall	Medium High	Hard	С
						Seasonal-fall	High	Hard	В
						Seasonal-fall	High	Hard	В
					1	Seasonal-fall	High	Middle	В
						Summer-fall	High	Hard	С
						Summer-fall	High	Hard	С
temperature co	ntrol)		*			· · ·	-		

temperature control.)

Tissue cultured L. sinuatum





Sprint Violet

Limonium Limonium sp.

Sprint Violet is selected for very early flowering, very high yield, its intense dark blue flowers and mainly winter production. The variety does require much less cold for vernalization



Sunday series is extra early growing and extremely high producer and well suited to winter production. Sunday consists of Violet and Lavender. The series is also resistant to botrytis. Branches grow upright and form an excellent shape.

Sunday Violet







Prime Series

Prime series is early flowering and suited to winter production. The series is well branched with small wings and its strong stems grow upright. Crops are easy to harvest. Prime series is a very high producer. We now replaced Prime Lavender with new Prime Lovely Pink.





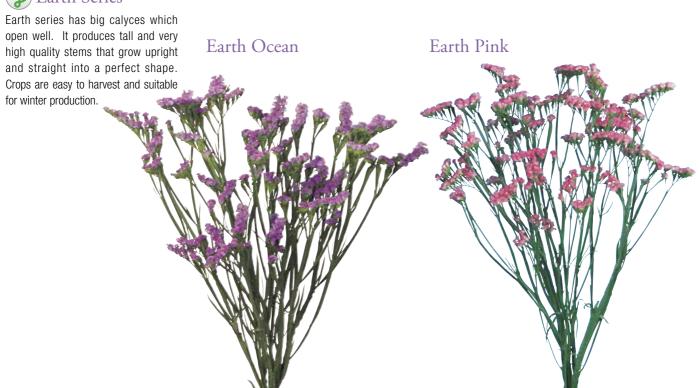


Tissue cultured L. sinuatum





Earth Series





Attractive bright lemon yellow variety with perfect volume and suitable for all seasons. Crystal yellow is susceptible to botrytis so good ventilation and appropriate prevention are required.





Rose Wine is a new early flowering variety suited for winter forcing cultivation. Calyces open very well and stems grow straight up. Vivid intense rose color.



Tissue cultured L. sinuatum 🔣





(2) Clear Snow

Limonium Limonium sp.

Clear Snow is pure white and an early flowering variety suitable for winter production. The variety has an upright branching habit that makes cropping easy.





(2) Luster Amethyst

Luster Amethyst has shining bright purple calyces that open very well. Excellent volume with big brushes. This variety is slightly slow and suitable for summer production.





Noble Violetta

Noble Violetta has very intense dark blue brushes. The variety belongs to middle to late flowering speed category with excellent summer performance producing high quality stems.





Dynamic Violet

Intense violet color. Large brush and thick stems give heavy quality to cut flowers. Good stem length and branching even under the hot climate condition. It is late flowering speed and suitable for summer production.





Tissue cultured L. sinuatum & L. sinuatum from Seed 🔣 🚎





Exotic Tall Blue is a middle-late flowering variety and suited for summer production. It produces high quality stems not only for 1st flush but also 2nd flush with long stems and good branching habit. Apply less fertilizer and water as the growth is very vigorous.







F1 Smash series grows much more uniform than OP varieties and almost all flower stems are harvestable without loss. Productivity is very high and comparable to TC varieties. The series is early and suitable for winter production.



Limonium Limonium sp.

Characteristics of Tissue cultured L. sinuatum

		Height		Flowe	ering S	Speed		Stem	Botrytis	Π				Suitable	
Variety	Color	(cm)	Very Early	Early	Middle	Middle Late	Late	Strength	Resistance	Pr	odi	uct	vity	for	Remarks
<tc varieties=""></tc>															
Sprint Violet	Deep Violet	90-100	0					Medium	Medium					Warm	Less requirement for low temperature. High production. Less base fertilizer than others.
Prime Violet	Violet	85-100		0				Hard	Medium Strong					Warm	High productivity. Enough quality. Make plant well in the early period.
Prime Lovely Pink	Pink	80-95		0				Hard	Medium					Warm	Less requirement for low temperature. High production.
Clear Snow	White	80-90		0				Hard	Medium Weak					Warm	Pure White color and good style.Sharp angled stems.High productivity.
Sunday Lavender	Lavender	95-105	0					Medium	Strong					Warm	Very high production and resistance to Botrytis
Sunday Violet	Violet	100-110		0				Hard	Medium Strong					Warm	Very high quality plus high productivity
Earth Ocean	Blue	100-110		0				Hard	Medium					Warm	Stems grow upright. Color comes out well.
Earth Pink	Pink	95-105		0				Hard	Medium					Warm	Sharp angled branches and easy to harvest.
Crystal Yellow	Yellow	85-95		0				Hard	Medium Weak					All	The best bright yellow available in the market.
Rose Wine	Rose	80-90		0				Medium	Medium					Warm	Vivid color, calyces open well. Sharp angled stems.
Luster Amethyst	Bright Violet	105-115				0		Medium Hard	Medium					Cool	Calyces open well. Best Bright violet. Numerous brushes.
Noble Violetta	VIOLETTA 1 : 1111-1111		Color comes out very well. Make plant well in the early period.												
Exotic Tall Blue	Purple	100-110				0		Medium Hard	Medium Strong					Cool	Big brush. Calyces open well. Tall stems and nice volume.
Dynamic Violet	Deep Violet	105-115					0	Medium Hard	Medium Strong					Cool	Nice deep color. Strong plant. Thick heavy stems grow vigorously.

Warm : mainly for warm areas for winter production in Japan Cool : mainly for cool areas for summer production in Japan All : for all areas in Japan

Characteristics of L. sinuatum from Seed

	Color	Height (cm)	$\overline{}$	Flowering Speed Very Early Middle Middle Late		Stem Strength	Botrytis Resistance		duc	tivity	Suitable for	Remarks			
<f1 seed="" varieties=""></f1>															
F1 Smash Rose Imp.	Rose	70-85		0			Medium Hard	Medium			П	Warm	Very good uniformity.		
F1 Smash Violet	Violet	95-110			0		Medium	Medium Strong			Warm				Very good uniformity and long stem. Less watering than others.

→high Warm : mainly for warm areas for winter production in Japan Cool : mainly for cool areas for summer production in Japan All : for all areas in Japan

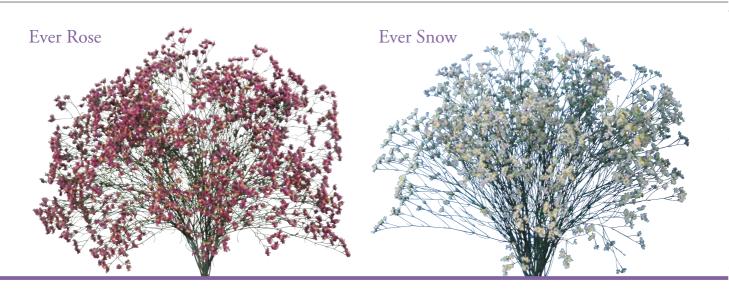
Tissue cultured L. sinensis





New addition to Ever Series, Ever Cute Imp. keeps the excellent plant volume as the original Ever Cute and the quality continues for the 2nd flush. Ever Snow is pure white with slender plant shape; excellent for the mixed bouquets. Ever series offers wide range of planting schedule as it does not require much cold. Ever Rose has the lowest requirement of cold temperature for flower initiation in our red varieties and it allows this variety an advantageous production with high quality flowers.





Characteristics of L. sinensis

	Variety	Color	Height (cm)	Size of Calyx	Cold Requirement	Stem Strength	Bolting to Flowering	Flowering	Remarks
	<limonium sine<="" td=""><td>nsis Va</td><td>rieties></td><td></td><td></td><td></td><td></td><td></td><td></td></limonium>	nsis Va	rieties>						
NEW	Ever Cute Imp. (3KBE)	Pink	85-95	Large	☆☆	Hard	Middle	\ \nring	Less requirement of cold treatment, heavy quality stems continues in the 2nd flush.
	Ever Rose	Rose	90-100	Medium	☆	Hard	Fast	Early Winter through Spring	Less requirement of cold treatment, good coloring habit.
	Ever Snow	White	80-95	Small	☆	Hard	Fast	Early Winter through Spring	Less requirement of cold treatment, enhance the efficiency of work.

☆: Less

Limonium sp.





L. altaica Corona Series

Corona Blue is available. Our offer is limited to North hemisphere from April to September and south hemisphere from October to January.

Corona Blue







L. altaica Tall Series

Miyoshi's well known hybrid Limonium, Tall Emille, Tall Pink Emille. These two varieties are free flowering and continue to flower under the right temperature and light conditions.

Tall Emille

Tall Pink Emille



Characteristics of Limonium sp.

Variety	Color	Sepal Color	Height (cm)	Cold Requirement	Stem Strength	Flowering	Remarks			
<limonium sp.=""></limonium>										
L.altaica Tall Emille	Blue-Violet	White	75-85	☆	Hard	Fraa tinwaring	When heating around at 12°C, all-year around production is almost possible.			
L.altaica Tall Pink Emille	Pale Pink	White	75-85	☆	Hard	Free flowering	The growing characteristics is similar to Tall Emille.			
L.altaica Corona Blue	Violet	Blue	85-95	☆☆	Hard	Mainly summer to autumn	Nice color, High quality stems, midium production.			
L.altaica Corona Deep Blue	Violet	Blue	85-95	☆☆☆	Hard	Mainly summer	Nice color, High production, Strong plant.			
L.altaica Corona Purple	Deep Purple	Blue	90-100	☆☆	Hard	Mainly summer to autumn	Vivid deep purple color, High quality stems.			

☆: Less

Matthiola incana

(Stock)

A wide assortment of quality Matthiola varieties from Mr. Kurokawa Japan for professional cut flower growers worldwide.

Spray Quartet Matthiola is now spreading to the global flower market.

P27 - P35





Delphinium

Waltz and Trick series are interspecific hybrids; bred and selected for bigger florets, extremely high production and good vase life. They are all propagated by tissue culture.

P36 - P41

All Double Spray & Standard



Spark Series (Spray Type)

In addition to Quartet series, all double spray Spark series is available as all double flowers without double single selection. Over 90% will be double flowers. Cream yellow and white are available. Compared to Quartet White and Yellow II, Spark White II and Yellow are about 10 cm taller but flowering is delayed by 10-14 days respectively.



Arrow Series (Standard Type)

All double Arrow Series is now available in two varieties. Early Arrow White is earlier in flowering than the original Arrow White. The flower color of both varieties is pure white. The level of firmness of the flower stems is sufficient.





Revolution Series (Standard Type)

Mr. Kurokawa has bred high quality, all double varieties. Revolution White II and Revolution Yellow II are very early flowering. Without selection work, over 90% will be double flowers.





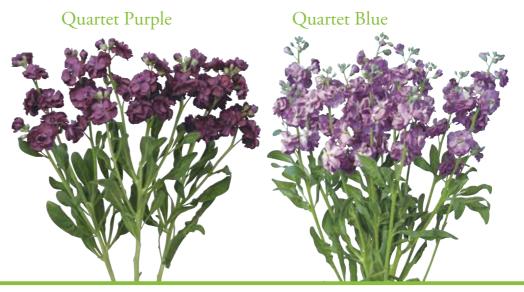
Revolution White II



Spray Seeds

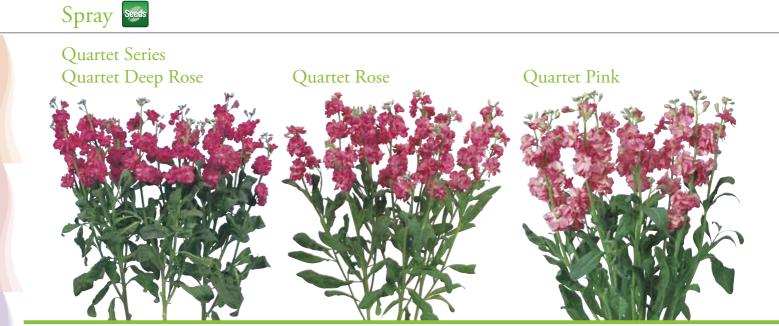
Quartet Series

Quartet series is early to bloom and scented with very sweet fragrance. Its outstanding characteristics such as a strong branching habit and hard stems make it an excellent choice for flower bouquets and decorations. Pinching is required to make a well-balanced spray form.























Early Iron Series

As the series name implies, it flowers earlier than Iron series and at the same time, ideal traits of Iron series remain such as very tight flower spikes and iron like hard stems. The series is very early flowering and suitable for December harvest.



Iron Series

Iron series is highly preferred because of its excellent quality. As in the name of Iron, the stems are like iron and very robust. It produces excellent tight flower spikes and the top of it does not stretch. Iron needs more water than other varieties to have marketable length.

Iron Purple



Iron Blue

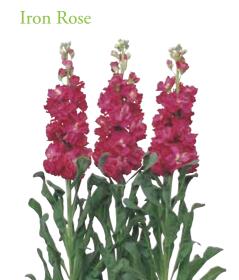


Iron Marine









Iron Rose Pink



Iron Deep Pink



Iron Fairy Pink



Iron Pink



Iron Apricot



Iron Yellow



Iron White

Nami Series



Wave Series







Kid Yellow



Kid Series

Kid series is very early flowering which enables early harvesting and it is even earlier than Iron series. Kid White is one month earlier than Iron White and 10 days earlier than Kid Yellow. Kid series is not only fast but also the stem is rigid and the spike is tight just as good as Iron series.

* Please contact us for the best sowing time in your region to avoid premature flowering as the series is very early flowering.

Kid White



Characteristics of Matthiola incana (Stock)

Series		Variety	Type	Color	Separation	F	lowering Spee	d	Schodulo	Comment
Selles		variety	Туре	GOIOI	Separation	Very Early	Early	Mid	Scriedule	Comment
All Double										
Spray										
Spark		Spark Yellow	Spray All Double	Yellow					3	I
Series		Spark White II	Spray All Double	White					3	I
Standard	•									
Arrow	NEW	Early Arrow White	Standard All Double	White					5	II
Series		Arrow White	Standard All Double	White					6	V
Revolution	1	Revolution Yellow II	Standard All Double	Creamy yellow					1	
Series		Revolution White II	Standard All Double	White					5	V

Cul	lture Sche	dule Type		
No	Flowering	Suitable for	GH	Sowing time
1	10 - 1	All area	*	7 - 8
2	10 - 2	All area	*	7 - 10
3	11 - 2	All area	*	8 - 9
4	12 - 2	Medium to warm area	*	8 - 9
5	12 - 2	Medium to warm area	*	9 - 10
6	1 - 3	Medium to warm area	*	8 - 10

Cul	ture Sched									
No	3 - 3									
7	2 - 3	Warm area	*	8 - 9						
8	0 1 11011111 011 011									
9	9 5 - 6 Cool area * 1 - 2									
10	5 - 6	Cool area	*	1 - 2						
11	(12)- 3	Warm area		8						
12	(1)- 3	Warm area		8						
13	13 (2)- 3 Warm area 8									
()E	() End of month GH=Green House									

Comment	
I	Pinching timing: When very top 2-3 buds start coloring. To get height, never dry-out water during growing.
II	Early sawing may cause time lag in flowering. To get height, never dry-out water during growing.
III	Pinching: Leave more than 10 true leaves. It's branching type,but it can be treated like spray type.
IV	Pinching: Leave more than 10 true leaves.
V	Avoid sowing in hot period. (Hot temperature may cause blasting)

The description is made under Japanese circumstances and may not be adequate of different climate areas.

Characteristics of Matthiola incana (Stock)

Carias	Variation	Turno	Color	Congretion	F	lowering Spee	d	Cabadula	Commont
Series	Variety	Type	Color	Separation	Very Early	Early	Mid	Schedule	Comment
Selectable									
Spray		T	I		T			T	Ī
	Quartet Blue Blush	Spray	Lavender	Easy				3	I
	Quartet Cherry	Spray	Light clear pink	Easy				3	I
	Quartet Lavender	Spray	Lavender	Easy				3	I
	Quartet Marine Blush	Spray	Bright lavender	Easy				3	I
	Quartet Peach	Spray	Deep apricot	Difficult				3	I
	Quartet Light Pink Blush	Spray	Light clear pink	Easy				3	I
	Quartet Pink Blush	Spray	Pink blush					3	<u> </u>
	Quartet Deep Pink Blush	Spray	Clear pink					3	1
	Quartet Rainbow	Spray	Apricot pink					3	I
	Quartet Rose	Spray	Salmon rose pink					3	<u> </u>
	Quartet Sky Blush	Spray	Light lavender	Easy				3	1
	Quartet White	Spray	Pure white	Easy				3	1
Quartet Series	Quartet Apricot II	Spray	Apricot	Easy				3	1
Series	Quartet Blue	Spray	Blue	Easy				3	
	Quartet Cool Pink	Spray	Very light pink	Easy				3	I
	Quartet Deep Rose	Spray	Very dark rose	Easy				3	I
	Quartet Lovely	Spray	Bright light pink	Easy				3	1
	Quartet Purple Quartet Yellow II	Spray	Dark purple	Difficult					1
		Spray	Cream yellow	Difficult				3	1
	Quartet Deep Yellow Quartet Red Purple	Spray	Deep yellow Maroon red	Easy				3	!
	Quartet Fantasy	Spray Spray	Darker than lovely	Easy				3	1
	Quartet Marine	Spray	Bright lavender	Easy				3	!
	Quartet Pink	Spray	Rose pink	Easy				3	!
	Quartet Red	Spray	Red	Easy				3	'
	Quartet Sunset	Spray	Dark pink	Easy				3	1
Standard	Quarter ouriser	Opiuy	Dan pin	Luoy				<u> </u>	'
	Early Iron Marine	Standard	Light lavender					3	
	Early Iron Pink	Standard	Pink					3	
	Iron Apricot	Standard	Apricot	Difficult				4,10	II
	Iron Purple	Standard	Purple					4,10	II
	Iron White	Standard	White					4,10	II
	Iron Blue	Standard	Blue					4,10	II
	Iron Deep Pink	Standard	Deep pink					4,10	II
Iron Series	Iron Fairy Pink	Standard	Pink					4,10	II
	Iron Marine	Standard	Light lavender					4,10	II
	Iron Pink	Standard	Pink					4,10	II
	Iron Rose	Standard	Rose	Difficult				4,10	II
	Iron Rose Pink	Standard	Rose pink					4,10	II
	Iron Yellow	Standard	Yellow	Difficult				4,10	II
	Iron Cherry	Standard	Light salmon pink	Difficult				4,10	II
	Okinami	Standard	Deep lavender					1	
Nami Series	Asanami	Standard	Light pink					1	
	Yukinami	Standard	White					2	
	Wave Blue	Standard	Light purple					1	
Wave Series	Wave Marine	Standard	Clear lavender					1	
vvave selles	Wave White	Standard	White					1	
	Wave Peach	Standard	Rose					1	
Kid series	Kid White	Standard	White					5	II
NU SUITO	Kid Yellow	Standard	Yellow					5	II
()	Souka	Standard	Pink					1	
Others		Standard	Deep pink						

Key to Symbols

Delphinium

Belladonna 🛣





Waltz Series

After introduction, this series is well accepted and consumed worldwide. Waltz series was selected for larger single flowers and extremely high production. Clones are produced by tissue culture and performance and appearance are very uniform. This series keeps producing without dormancy and achieve higher production than other varieties.

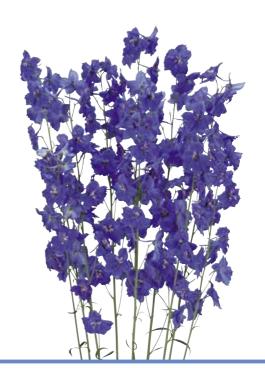


Sea Waltz



Tango Dark Blue

Tango Dark Blue has double flowers. Compared with Sea Waltz, Tango's plant height is rather shorter but flowering speed is faster. Tango Dark Blue has excellent vase life.



Belladonna 🛣 Seeds

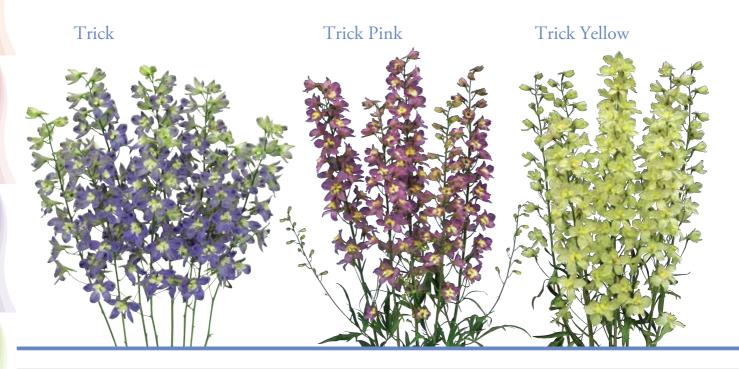








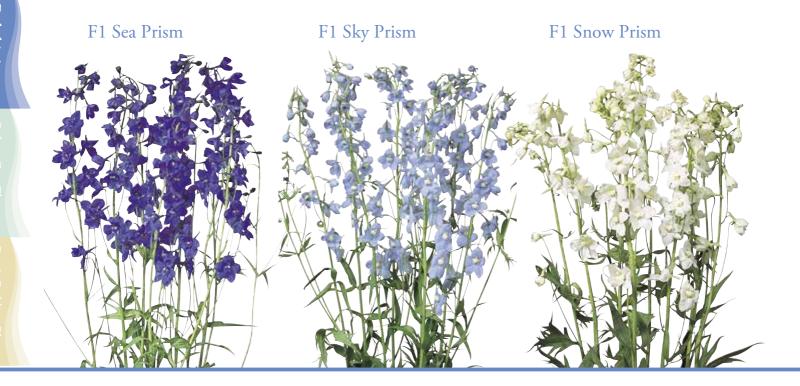
Having unique colors, Trick group is a perfect producer. New shoots continuously develop and grow up. The size of flower spikes is rather small in length and width. Trick series produces ideal quality stems for mixed bouquets. Vase life is excellent with proper pretreatment.







This series is early flowering among F1 hybrid Delphiniums. The growth is more vigorous than conventional Belladonna types and produces very uniform first flush. The productivity is high with good branching, numerous florets, uniform flower colors and plant shape.





Cultorum & Belladonna



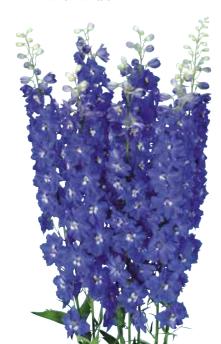
Available as Seeds



F1 Ariel Blue

Ariel series flowers earlier than Triton Series and hardly becomes rosette. Ariel White is the earliest flowering among our F1 elatum type Delphiniums. Flower size is approximately 7 cm and the color is pure white. Plant height is not very tall and it should not be planted in the hot period. Once it starts flowering, buds open rather quickly from bottom to top. Harvest at the early flowering stage.

Key to Symbols



F1 Ariel Light Blue



F1 Ariel White



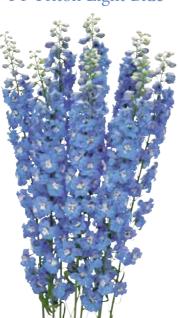


F1 Triton series is very uniform in size and color. Growing speed is early and production is high. Excellent stem quality with good shaped double flowers closely arranged on cylinder shaped spikes. Triton's tight spikes are more slender than other D. cultorum or elatum varieties. This supports economical transportation and various flower usages and more consumption. Currently three colors are available; Dark Blue, Light Blue and a fabulous lavender color. Triton Lavender has the biggest flower size of our entire Delphinium assortment. Flowering speed is earlier than Triton Light Blue and slower than Dark Blue.





F1 Triton Light Blue



F1 Triton Lavender



Characteristics of Delphinium

Variaty	Color	Flower Diameter		Flowerin	g Speed		Stem Height	
Variety	COIOI	(cm)	Very Early	Early	Middle	Late	Stelli Helgiit	
<belladonna type=""> Tissue Cult</belladonna>	ure Varieties							
Trick Series								
Trick	Purple/Yellow bee	5	0				Low	
Trick Yellow	Yellow	5	0				Low	
Trick Pink	Rose/Yellow bee	5		\bigcirc			Low	
Walts Series								
Sky Waltz	Sky blue	6		\circ			Medium High	
Sea Waltz	Dark blue	6.5			0		High	
Other								
Tango Dark Blue	Dark blue	6.5		\bigcirc			Medium	
<belladonna type=""> F1 Seed Va</belladonna>	rieties							
F1 Prism Series								
F1 Sea Prism	Dark blue	4.5		\bigcirc			Medium	
F1 Sky Prism	Light blue	4.5		0			Medium	
F1 Snow Prism	White	5		\circ			Medium	

Vorioty	Color	Flower Diameter		Flowerin	g Speed		Ctom Hoight				
Variety	Color	(cm)	Very Early	Early	Middle	Late	Stem Height				
<cultorum type=""> F1 Seed Vari</cultorum>	eties										
F1 Ariel Series											
F1 Ariel Blue	Dark blue	6	0				Medium				
F1 Ariel Light Blue	Light blue	7	0				Medium Low				
F1 Ariel White	White	6.5	0				Low				
F1 Triton Series											
F1 Triton Dark Blue	Dark blue	7	0				Medium				
F1 Triton Light Blue	Light blue	6.5		0			Medium				
F1 Triton Lavender	Lavender	7.5		0			Medium				

Variety	Color	Flower Diameter		Floweri	ng Speed		Stem Height
,		(cm)	Very Early	Early	Middle	Late	
<chinensis type=""> F1 Seed Va</chinensis>	rieties						
F1 Morpho Series							
F1 Morpho Lavender Imp.	Lavender	4.5	0				Medium
F1 Morpho Sky Blue	Sky blue	5	0				Medium High
F1 Morpho Chiffon Blue	Light blue	4.5		0			High
F1 Morpho Grand Blue	Dark blue	4.8		0			High
F1 Morpho Platinum Blue	Sky blue	4.5			0		Medium High
F1 Morpho Sugar Pink	Light pink	4.5			0		High
F1 Morpho Happy Pink	Pink	4.5			0		Low
F1 Morpho Silky White	Pure white	5				0	High

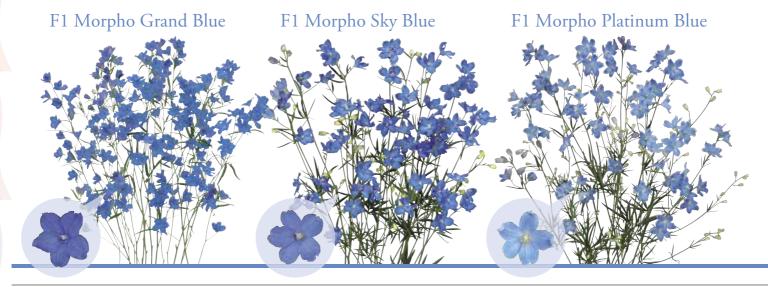
01 01 11		Productivity		Powdery Mildew	D
Stem Strength	Very High	High	Middle	Resistance	Remarks
Medium Soft	0			Medium	Purple flower and yellow bee, unique color combination
Medium Soft		0		Medium	High productive yellow Delphinium
Medium Soft		0		Medium	Rose flower and yellow bee, unique color combination
Medium Soft			0	Medium	Voluminous flower spike with many florets
Hard			0	Strong	Largest flower size among Belladonna type
Hard			0	Medium	double dark blue delphinium, excellent vase life.
Medium Soft			0	Medium	Production improvement for Belladonna Imp.
Medium Soft			0	Medium	Production improvement for Belladonna Imp.
Medium Soft			0	Medium	Production improvement for Belladonna White
Stem Strength		Rosetting			Remarks
Sterri Strength	Less	Middle	Middle More	-	nellidiks
Medium	0				Avoid planting in hot season. Stems are rather short
Medium	0				Avoid planting in hot season. Stems are rather short
Medium	0				Avoid planting in hot season. Stems are rather short
Medium	0			-	Uniform growth and flower color
Hard	0			-	Uniform growth and flower color
Hard	0				Uniform growth and flower color, good color, big diamater
Productivity	Low Tempera	ature and Low Response	Light Culture	-	Remarks
	Coloring	Deformation	Reddish Color		
Medium high	0	0	0		earlier variety
Medium High	0	0	×	-	Large size flower
Medium High	\triangle	0	0	-	Color gets whitish in the cold period
High	0	0	×	-	Good volume
Medium High	Δ	0	Δ	-	Color does not come out clearly during cold period. Lighter blue compare to Morpho Sky Blue
Medium High	Δ	0	0	-	Good branching formation
Medium	0	0	0	-	Nice and balanced shape
Medium	0	0	0	-	Pure white Delphinium with excellent volume and height
	1	I	1		-

D. grandiflorum (D. chinensis)





F1 Morpho series is developed to improve characteristics of OP varieties including longer stem length, earlier flowering, higher productivity and more stable flower color under cold and cloudy conditions. F1 Morpho series is superior for bouquets because florets have no spurs and open upright unlike other delphinium.





F1 Morpho Happy Pink F1 Morpho Sugar Pink

Other Cut Flower

Other than our main cut flower products, we are engaged in breeding more crops including Antirrhinum, Amaranthus, Celosia, Calendula and more.

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Aster (Callistephus chinensis)





Selene Series

Selene produces numerous florets. The series is suited to dense planting for non pinching cultivation. Comparing with exsisting series, this is more voluminous. Suitable for arrangement or bouquets.

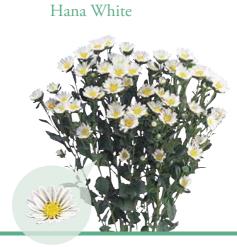
Selene Purple Selene Blue Selene Scarlet Selene Pink



Hana has single flowers with a very nice contrast between the bright yellow center and flower petals. Flower diameter is about 3.5 cm and suitable for both non pinching and pinching cultivation.





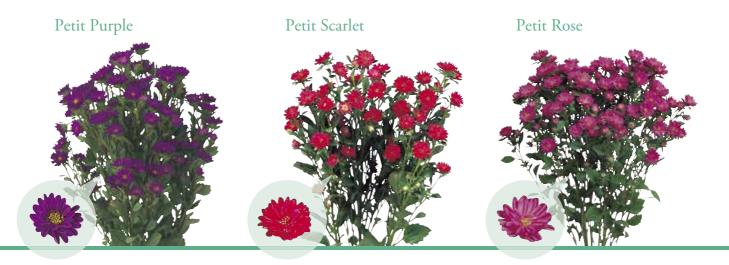








Petit Series Petit produces numerous small florets just like Selene in size of approx. 3.5 cm. Petit is a full double spray type with strong petals. Vase life is excellent. Five colors are available.







Aster (Callistephus chinensis)





Julie series is now available in six colors. Our new Julie Scarlet produces bright red flowers which will invite the user's interest. Julie series flowers 2-4 weeks earlier than Matsumoto series depending on the colors. The height is shorter than Matsumoto under natural cultivation without lighting.

F1 Julie Purple



F1 Julie Blue



F1 Julie Scarlet NEW





F1 Julie Rose



F1 Julie Pink

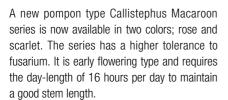


F1 Julie White



F1 Macaroon Series NEW





F1 Macaroon Rose



F1 Macaroon Scarlet



Characteristics of Aster (Callistephus chinensis)

				Flowe	ering S	Speed			Dranching	Stem	Flower	Disease	Light Culture
	Variety	Color	Early	Middle Early	Middle	Middle Late	Late	Height	Branching habit	Strength	Diameter (cm)	Tolerance	Response
	Selene Series												
	Selene Scarlet	Vivid Red	0					Medium	Medium Low	Hard	2.4	Medium	Good
	Selene Pink	Light Pink		0				Medium	Medium	Medium	2.7	Strong	Good
	Selene Purple	Deep Blue Purple				0		Tall	Medium	Medium	2.8	Medium	Some deformed flowers under low temperature
	Selene Blue	Light Blue Purple					0	Tall	Medium	Medium Soft	4	Strong	Some deformed flowers under low temperature
	Hana Series												
	Hana Scarlet	Vivid Red	0					Medium	Medium Low	Hard	2.4	Medium	Fair
	Hana Pink	Light Pink			0			Medium	Medium	Medium	2.7	Strong	Good
	Hana Deep Rose	Deep Pink			0			Tall	Medium	Medium	3	Medium	Good
	Hana Pure Rose	Deep Pink			0			Tall	Medium	Medium	3	Strong	Good
	Hana White	Pure White			0			Tall	Medium Low	Hard	3.3	Medium Weak	Good
	Hana Purple	Deep Blue Purple				0		Tall	Medium High	Medium	2.8	Medium	Some deformed flowers under low temperature
	Petit Series												
	Petit Purple	Deep Blue Purple	0					Medium Low	Medium Low	Hard	3.2	Strong	Some deformed flowers under low temperature
	Petit White	Pure White		0				Medium	Medium Low	Hard	3	Weak	Good
	Petit Fancy Pink	Light Pink			0			Tall	Medium High	Medium Soft	3.1	Strong	Flowers deform under low temperature
	Petit Rose	Deep Pink			0			Medium Low	High	Medium	2.8	Strong	Good but less volume
	Petit Scarlet	Vivid Red					0	Medium Low	Medium Low	Hard	3.1	Strong	Good
	Semi Austrich							<u> </u>					
	Miss Europe Resist	Light Pink		0				Medium	Low	Medium	9	Medium	Data Not Available
	Mai Series							!		'			
	Hi no Mai	Vivid Red		0				Medium	Low	Medium	5	Medium	Data Not Available
	Ume no Mai	Vivid Pink		0				Medium	Low	Medium	5	Medium	Data Not Available
	Other Series												
	Reihou	Deep Purple	0					Medium	Low	Medium	5	Medium	Data Not Available
	Julie Series							l .	<u>'</u>	'		ı	
	Julie Blue	Blue	0					Medium	Low	Medium Soft	5.5	Strong	Data Not Available
	Julie Purple	Purple	0					Medium Low	Low	Medium	5.5	Strong	Data Not Available
	Julie Rose	Rose	0					Medium	Low	Medium	5.5	Strong	Data Not Available
	Julie White	White	0					Medium	Low	Medium	5.5	Strong	Data Not Available
	Julie Pink	Pink		0				Medium	Low	Medium	6	Strong	Data Not Available
NEW	Julie Scarlet		0					Medium Low	Low	Medium	5	Strong	Data Not Available
	Macaroon Series										<u> </u>		
NEW	Macaroon Rose			0				Medium	Low	Medium	5	Strong	Data Not Available
NEW	Macaroon Scarlet			0				Medium Low	Low	Medium	5	Strong	Data Not Available
	1							1			1	1	

Brassica oleracea (Ornamental kale)



Brassica oleracea (Ornamental kale)

Our Brassica varieties are specially selected for "as Flowers" which will change the ordinary image of Brassicas. And we are proud to introduce four more varieties in addition to our unique line. F1 White Lady and F1 Peach Lady are additional colors to the F1 Lady Series which has fringed and voluminous leaves and gorgeous look. F1 Altair is a serrated-leaf type and able to maintain a good stem length of 80-90cm. The dark brownish purple leaves of F1 Black Leaf are attractive and eye-catchy.

F1 Moon Light



F1 Bright Rose

F1 Airy

F1 Hakuju







F1 Kouju No.2

F1 Snow Bright

F1 Suruga no Hatsuhi







Key to Symbols

eeds Available as Seeds

Brassica oleracea (Ornamental kale)





Characteristics of Brassica oleracea (Ornamental kale)

	Loof Chana	Variaty Nama	Color		Colorlin	g Speed		Cold Toloropeo
	Leaf Shape	Variety Name	Color	Early	Middle	Middle Late	Late	Cold Tolerance
		F1 Moon Light	White	0				3
		F1 Bright Rose	Pink and Red	0				4
		F1 Airy	White		0			3.5
	Round Leaf	F1 Hakuju	White		0			2
		F1 Kouju No.2	Pink and Red		0			4
		F1 Snow Bright	White			0		3.5
		F1 Suruga no Hatsuhi	Red and White			0		3.5
NEW		F1 Black Leaf	Black				0	5
NEW		F1 White Lady	White		0			3
	Fringe	F1 First Lady	Dark Red			0		5
NEW		F1 Peach Lady	Pink			0		4
NEW	Serrated Leaf	F1 Altair	Red		0			5
	Serialeu Leai	Ensemble	Mix of Pink, Rose, Red, White		0		·	5

Strong 5 <--> Weak 1

Antirrhinum majus (Snapdragon) & Amaranthus cruentus





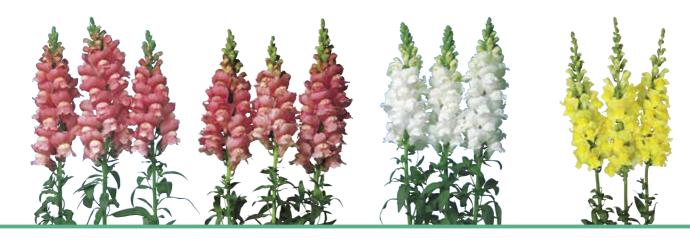
F1 Fair is an extra early flowering series for winter production. It has a heavy flower spike with tightly spaced florets and each floret is large. Best planted when it cools down to gain enough stem length. In warm conditions, it flowers short.

F1 Fair Rose Pink

F1 Fair Deep Pink

F1 Fair Pure White No.2

F1 Fair Yellow





F1 Bridal series is early to intermediate flowering and also bred for quality flowers and good vase life. Bridal White No. 4 is an improved version for a better second flush.

F1 Bridal Pink

F1 Bridal Light Yellow

F1 Bridal White

F1 Bridal White No.4



Amaranthus cruentus Hot series for sales from summer through late autumn. Amaranthus is originally from India and prefers warm and sunny conditions. The crop is mainly for outdoor production.





Ammi majus (White Lace Flower)

Energy saving crop for popular bouquet filler, arrangements and decorations.



Carthamus, Capsicum, Centaurea & Cosmos



Carthamus tinctorius Orange Red

Carthamus tinctorius Orange Red has round shape leaves. Bristles are retarded and easier to work with.



Gold

Gold is approximately 1 week slower than Orange Red but grows taller and has better



(**Q**) Centaurea C. cyanus Hayate

Mix of 55% blue, 20% pink, 10% red and 15% white. Early flowering selection.



Capsicum annuum

Black Ace

Black Ace produces long and thin fruits. Very impressive color in a lustrous black. Fruits grow bunch at the top.



Cosmos

Cosmos is a short cropping product, 60-90 days from sowing to harvest. Versailles and Afternoon White are tetraploid and flowers are very large.

Versailles



Red Illusion



Pink Picotee



Picotee



Afternoon White



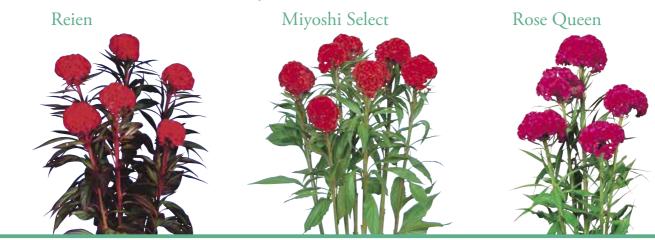


Delhi Series Delhi requires high temperature and summer production is recommended. It grows slow in winter period.





Suitable for non pinching cultivation. Spacing 12 x 12 cm apart for smaller heads and thinner stems. Excess nitrogen is a cause for stem fasciation.



Orange Queen Imp.

Orange Queen





Celosia & Arrangement® Celosia





(2) Celosia Green Sango

Light green Celosia and much faster flowering than Martine series. It is suited for non pinching cultivation for single stem harvest. The variety is not tolerant to diseases. Extra care is recommended including good ventilation and spraying for pests and diseases especially for forcing culture in the greenhouse.



(**②**) Celosia Crystal Beauty

Very attractive metallic orange color. Color becomes darker from bottom to top. The color of leaves and stems are light yellowish green. This variety is suited for both pinching and non pinching cultivation. The latter produces a very large flower head that may be interesting and could be unique flower material.





Available in light pink to dark rose, we have arrow shaped Arrangement® Celosia. They are very nice for making basket decorations and arrangements.

Ruby Parfait



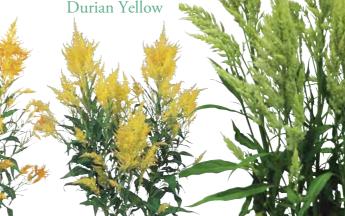




Lime green feather Celosia is excellent as a green bouquet filler as well as for all kinds of arrangements. Sylphid responds very well to light and temperature. In the greenhouse with lighting and heating, winter production is possible.



Durian is very popular among Arrangement® Celosia with an assortment of vivid yellow, golden and red. This series is a late type and flowering time is September-October.



Dianthus, Gypsophila paniculata etc.



Calendula officinalis sees Nakayasu

Full double Calendulas are for spring cut flowers.



Didiscus caeruleus Seeds (Blue Lace Flower) Lovely Pink

Lovely Pink has brighter pink color than other pink Didiscus. The color appears clearer especially under the cool condition. Long-day flowering Didiscus needs lighting for winter production.





Flower inflorecense is very large and flower color is vivid scarlet red. It is early and tall growing variety. This variety needs vernalization for flower initiation.







Dianthus barbatus Temarisou



Temarisou or called Green Trick or Green Ball in the different regions does not form any flowers. With such a characteristic, vase life is excellent and now essential for flower bouquet and arrangement. The Flowering is forced by long day and high temperature. More than 10 stems are harvested by cultivating from Autumn to next Summer.





Zinzi Discovery presents abundant small florets with the excellent vase life. The long side branches grow straight up from the base of the stem. The following benefits derive from this characteristic. Harvesting is easier without branch tangling. More stems can be packed with less stem breaking and less flower scattering. It is suitable for a long transportation.







Helianthus, Tweedia caerulea, Dahlia etc.



Available as Seeds





(2) Helianthus annuus Lemonade

yellow color. Double flower percentage is excellent without cropping loss. Flowering speed is same as Tohoku Yae; it takes about 80 days from



Iberis umbellata Candytuft

Candytuft flowers in spray form with 4-5 blooms of red, pink, violet or white. With heating and lighting, production continues throughout winter. Very good vase life.



Tweedia caerulea (Oxypetalum)

Tweedia is a half hardy perennial and can be grown for 2-3 years by avoiding freezing in winter. It continues to produce through winter with minimum temperature of 15°C. Excellent material for bouquets and flower decoration. Approximately 50% semi double, 25% double and 25% single flowers appear from both Pint White Double Mix and Blue Double Mix.



Semi Double



Double

Pint White Double Mix



Semi Double

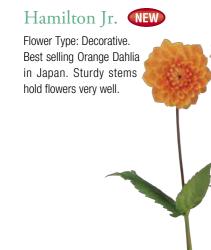
Blue Double Mix



Double Single

Dahlia 🛣





Mitchan NEW









(**Q**) Dahlia

Moon Stone

Flower Type: Decorative. Light lavender. Small flower and suited for arrangement with other flowers. The color is stable throughout the year.



Orange Stone NEW Flower Type: Decorative. Strong flower petals extending the vase life. Less open centers. Flower color may fade when cultivated under the low light intensity condition.







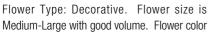
Rose Quartz

Flower Type: Decorative. Medium - large flower size. Vivid rose color is stable throughout the year.



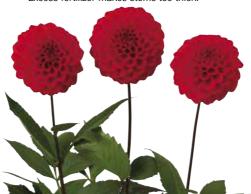
Saisetsu

Medium-Large with good volume. Flower color is pure white and popular for the bridal use.





Flower Type: Ball. Red color is stable throughout the year even under low light and temperature condition. Petals are thick and vase life is good. Excess fertilizer makes stems too thick.



Garnet

Flower Type: Semi-Cactus. The color is stable throughout the year even under low light and cold condition. Garnet is more heat resistant than Nessyou.







Nessyou



Yellow Quartz NEW

Flower Type: Semi-Cactus. Cream yellow. Less susceptible to petal damages compare to yellow varieties in general. Less open centers.

Kokuchou



Pink Quartz



Characteristics of Dahlia for cut flower

	Flower	Variety	Color	Flower Size	Flow	ering S	oeed	Stem	Coloring habit under low temp.	Remarks
	Shape	variety	COIOI	Flower Size	Early	Middle	Late	Length	and light intensity condition	nemarks
NEW		Hamilton Jr.	Orange	medium		0		++	keeps the same	Special orange color
NEW		Mitchan	Rose	medium		0		++	keeps the same	Special rose color
		Moon Stone	Lavender	small		0		++	keeps the same	Special lavender color
NEW	Formal	Orange Stone	Orange	medium		0		++	keeps the same	Hard petals achive good vase life
NEW	decorative	Portlight Pair Beauty	Orange/White	medium		0		++	keeps the same	Special orange/white bicolor
		Rose Quartz	Rose	medium		0		++	keeps the same	Special rose color
		Saisetsu	White	medium-large			\circ	++	keeps the same	Less open centers and petal damages compared with other white cultivars
		Garnet	Red	medium-large		0		++	keeps the same	Heat tolerance compared with Nessyou
		Nessyou	Red	medium		0		++	the color turns orange	Good productivity, smaller leaves
NEW	Semi- Cactus	Yellow Quartz	Yellow	medium-large		0		++	keeps the same	Less open centers and petal damages among yellow cultivars
		Kokuchou	Dark red	large			0	++	keeps the same	Specially attractive color of dark red
		Pink Quartz	Pink	medium-large			0	++	keeps the same	Special pink color
	Pompon	Asahitemari	Red	small		0		++	keeps the same	Hard petals and stems

Myosotis alpestris, Rumohra adiantiformis etc.









(P) Myosotis alpestris Nano Series Seeds



Nano Blue

Nano White

Myosotis is commonly known as a bedding plant. Nano grows slightly taller. Its stems and flowers are thicker and bigger respectively. This variety can be forced for winter flowering with the usage of heating.





Please refer to page 66 for the product unit.





Silene armeria Sakura Komachi



Small 1 cm across florets compose lovely 5 cm light pink clusters. Year round sales are possible with heating and lighting.



(Rhodanthe manglesii sees Maculata Rose







Rumohra adiantiformis Mild (Leather Leaf Fern)



Mild has received the high appraisal because of a little number of spores and its excellent shiny leaves.



Pot & Bedding Plants

MIYOSHI offers seeds of Pot & Bedding Plants including F1 Catharanthus roseus, Delphinium, Matthiola and Senecio. Senecio Angel and Wink, series are very early and suitable for late autumn / early winter production.

P59 - P65



Pot & Bedding Plants

Delphinium & Celosia See





Six dwarf Delphinium varieties for pot and bedding plants are available with the color range of dark blue, blue, light blue, light lavender, light pink and very light pink. The flowers bloom upwardly as there are no spurs on the buds. Cool Mint is the earliest in flowering followed by Aqua Blue, Mint Blue, Tiara Blue. The latest flowering varieties are Fantasista and Milky Mint. The flowering speed difference between the earliest Cool Mint and the latest Milky Mint is 1 - 2 weeks depending on the climate.

Mint Blue



Tiara Blue



Aqua Blue



Cool Mint

Please refer to page 66 for the product unit.



Fantasista



Milky Mint



Characteristics of Delphinium for Pot

		Flower)		
Variety	Color	Diameter (cm)	Early	Middle Early	Middle	Height	Branch
Cool Mint	Lavender	5.5	0			40cm	4
Aqua Blue	Light blue	5.5		0		45cm	5
Mint Blue	Blue	5		0		40cm	5
Tiara Blue	Blue/eyes	5.5		0		40cm	5
Fantasista	Light pink	5.5			0	45cm	5
Milky Mint	White	5.5			0	40cm	4

Branch 5 <--> Few 1

Capsicum annuum Hit Parade

The plant is dwarf and spread wide. Fruit is small and placed upright. Starting with purple, the color of fruit changes to orange and then red. It is suitable for pot and bedding plants.



(2) Celosia Summer Lavender

Summer Lavender is producible through spring to autumn because of its free flowering habit. The color is lighter during hot summer period but becomes clear darker rose when it gets cooler. It is suitable for growing in the different size pots. In the garden, the plants spread 45 cm with height 80 cm.



Brassica oleracea (Ornamental kale)

Key to Symbols



Available as Seeds

Brassica oleracea (Ornamental kale)



These flowering Kale varieties are suitable for pot and bedding plants as well as landscaping. Harmony and Rias have very sharp lobing leaves. Harmony is more red to deep pink color mixture with white. Usually Rias plants split half white and half red. F1 Shirozukin No.1 and F1 Akazukin No.2 have finely fringed leaves and F1 Shiraho and F1 Benikagami do slightly waved leaves. They are all very cold hardy plants.

F1 Shiraho



F1 Benikagami



Rias



F1 Shirozukin No.1



F1 Akazukin No.2



Harmony



Characteristics of Brassica oleracea (Ornamental kale) for Pot

Loof Chang	Variaty Nama	Color		Colorling Speed					
Leaf Shape	Variety Name	COIOI	Early	Middle	Middle Late	Late Cold Tolerar 5 2 5 3	Cold Tolerance		
Round Leaf	F1 Benikagami	Dark Red	0				5		
nouna Lear	F1 Shiraho	White	0				2		
Frings	F1 Akazukin no.2	Light Red		0			5		
Fringe	F1 Shirozukin no.1	White		0			3		
Feather	Harmony	Mix (Pink Red, Red, White)		0			5		
realliel	Rias	Mix (Red and White)		0			5		

Strong 5 <--> Weak 1

Catharanthus roseus (Vinca)





Cocktailina Series

Cocktailina series presents unique color varieties: Apricot Fizz, F1 Blue Moon and F1 Red Eyes. The characteristics including growing habits and plant form are similar to Pacifica XP series. It is recommended to pinch the plant.



Apricot Fizz



F1 Blue Moon



F1 Red Eyes





No vincas extremely sturdy like this series have ever existed. The plants establish very well and are fairly resistant to rain. They grow up to more than 70 cm in summer. This tall growing Merry Go Round would have a few branches at the beginning but grows very vigorously later on. Large pots are suited to grow these varieties. This jumbo vinca needs more fertilizer than other vincas.

Purple



Lilac



Grape



Red



Apricot



White





Matthiola incana (Stock)



Baby High Double Series (All Double type)

Baby High Double series is all double type and 90% double flowers without double-single selection. Take the extra work away while enjoying the same characteristics of Baby series such as very early flowering, rigid stems, vigorous branching habit and long flowering time. Colors are available in White and Cream.

Cream



White



Characteristics of Matthiola incana (Stock)

	Variety	Type	Color	Separation	Flowering Sp Very early	eed Early
	All Double					
	Standard Baby High D	ouble Serie	S			
	Baby High Double Cream	Spray All Double	Cream	1	0	
	Baby High Double White	Spray All Double	White	-	0	
	Selectable					
	Standard Baby Series					
	Baby Apricot	Spray	Apricot	Difficult	0	
	Baby Light Blue Blush	Spray	Light Blue		\circ	
	Baby Blue	Spray	Blue	Difficult	0	
	Baby Cherry	Spray	Cherry	Difficult	0	
	Baby Clear Pink	Spray	Bright Pink		0	
	Baby Marine	Spray	Bright Lavender	Difficult	0	
	Baby Pink Blush	Spray	Pink	Difficult	0	
	Baby Lovely Pink	Spray	Light Pink	Difficult	0	
	Baby Yellow	Spray	Yellow	Difficult	0	
	Baby Pink	Spray	Pink		0	
	Baby Purple	Spray	Purple		0	
NEW	Baby Rainbow	Spray	Rainbow		0	
	Baby Rose	Spray	Rose		0	
	Baby White	Spray	White	Difficult	0	
	Baby Cream	Spray	Cream	Difficult	0	
	Baby Red	Spray	Red			0

	Culture Schedule Type										
Г	No Flowering Suitable for GH Sowing time										
	2	10 - 2	All area	*	7 - 10						

The description is made under Japanese circumstances and may not be adequate for different climate areas.

GH=Green House

Baby Series

This very early series has well-branching, unusually hard stems and hairy leaves that can be grown relatively compactly without use of growth retardants. Branches grow spikes early resulting in a compact, balanced form with the main spike. Flowers will bloom for 10 weeks with no pinches and 55% chance to be double-flowered.

Purple

Rose



Rainbow **NEW**

Blue







Apricot



Light Blue Blush



Clear Pink



Yellow





Lovely Pink



Cream



Red



Baby Pink Blush



White



Pericallis × hybrida (Cineraria)



Pericallis is used as a gift throughout the winter holiday season to early spring. In combination with early and late varieties, long and stable shipping period can be achieved.

Angel Mixture

Best choice for shipping from late October to the end of December. Very early medium sized flowers.



Wink Mixture

Best choice for shipping in November and December. Blooms voluminous medium to large flowers as early as Angel Mixture.



Carnival Special Mixture

Sow in early September for shipping in mid-late February. Blooms abundant large flowers. Perfect for 12-18 cm pots.



Yamatsuri Daruma Special Mixture

Sow in early September for shipping from late February to early March. Middle to late blooming plant blooms abundant flowers forming a nice round shape.



Characteristics of Pericallis × hybrida (Cineraria)

		Flowering Speed						
Variety Name	Flower Size	Very Early	Early	Middle	Middle Late	Late		
Angel Mixture	Medium	0						
Kounosu Special Mixture	Medium	0						
Wink Mixture	Medium-Large	0						
Carnival Special Mixture	Large			0				
Yamatsuri Daruma Special Mixture	Medium					0		

Helleborus sp. 🛣







Our wide selection of Helleborus offer flowering as early as December till February, perfect as indoors and out. From gorgeous "Peach Primadress" to simple-beauty of "Petit-doll Series", our Helleborus will certainly bright up your product range.

Double Fantasy



Snow White



Black Pearl



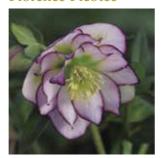
Elegance Flare Pink



Picotee



Florence Picotee



Angellier



Elegance Ice



Maple Chiffon



Petit-doll Aya



Petit-doll Shiori



Ashwood Purity



Peach Primadress



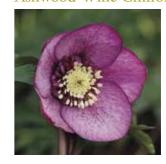
Silvermoon



White Orchestra



Ashwood Wine Chiffon



Characteristics of Helleborus sp.

Variety	Flower	Туре	Flower Color	Growing Speed	Flowering Speed
Double Fantasy (BHN)	Double	H. niger	White	Fast	Very Early
Snow White (YNT)	Single	H. orientalis hyb.	White	Very Fast	Early
Black Pearl (OIB)	Single, Round cup-shaped, Small flower (4cm)	H. orientalis hyb.	Black	Very Fast	Early
Elegance Flare Pink (PHH)	Double, Large flower (8-9cm)	H. orientalis hyb.	Pink	Fast	Early
Picotee (ASJ)	Single	H. orientalis hyb.	Rose Pink	Fast	Early
Florence Picotee (MWR)	Double	H. orientalis hyb.	White, (Purple) picotee	Very Fast	Early
Angellier (OYW)	Double	H. orientalis hyb.	Light yellow, Powdery spots	Very Fast	Middle
Elegance Ice (PYL)	Double	H. orientalis hyb.	White	Fast	Middle
Maple Chiffon (PYP)	Semi-double	H. orientalis hyb.	Cream, (Purple) picotee	Fast	Middle
Petit-doll Aya (QDD)	Single, Small flower	H. orientalis hyb.	White, Purple vain	Fast	Middle
Petit-doll Shiori (QDC)	Single, Small flower	H. orientalis hyb.	White	Fast	Middle
Ashwood Purity (LSW)	Semi-double	H. orientalis hyb.	White	Middle	Middle
Peach Primadress (TWU)	Multiple petals	H. orientalis hyb.	Pink	Fast	Middle
Silvermoon (BHE)	Single	H. x ericsmithii	White	Very Fast	Middle
White Orchestra (RHG)	Semi-double	H. orientalis hyb.	White, (Purple) picotee	Fast	Middle
Ashwood Wine Chiffon (QAG)	Semi-double	H. orientalis hyb.	Rose Pink, Powdery spots	Slow	Late

Growing Speed indicates the plant vigor. Flower bud initiation requires a period of low temperatures and it differes by variety.

Terms & Conditions of Sales

All seeds and plants sold by Miyoshi & Co., Ltd. (Seller) are sold on following terms and conditions.

- 1. All prices quoted are in Japanese yen and F.O.B. Yamanashi Japan. The prices are exclusive of the costs including freight, phytosanitary certificate, certificate of origin, insurance or any other costs associated with the delivery of goods required by purchaser and the costs are for the purchaser's account.
- 2. All prices are subject to change without notice.
- 3. Payment is due in accordance with terms specified on invoice or proforma invoice.
- 4. The total liability of Seller for loss or damage is limited to the amount of the purchase price. Seller shall not under any circumstances be liable for any special, indirect or consequential loss or damage.

- 5. All cultural and descriptive information provided by Seller is for the use as a guide only. All information in catalogs or pamphlets is based on Seller's experiences and trials in Japan. Seller in no event accepts any liability for results that may vary due to different climate, growing condition or any other
- 6. Seed count information provided for weight or volume should be considered as "approximate and guideline". It is variable in varieties and seed lots.
- 7. Seller is allowed to make partial deliveries of seeds and plants and shall not be responsible for delays or for losses resulting from such delays.
- 8. Seeds returned without written authorization shall not be accepted. Packages must be the original and not opened even if return is accepted.

Unit

Amaranthus cruentus	10g (approx. 12,000 raw seeds)		
Ammi majus (White Lace Flower)	5g (approx. 4,400 raw seeds)		
Antirrhinum majus (Snapdragon)	1,000 pelleted seeds		
Aster (Callistephus chinensis)	Selene, Hana, Petit series : 2,000 raw seeds Others : 4,000 raw seeds		
Blue Lace Flower (Didiscus caeruleus)	5g (approx. 1,400 raw seeds)		
Brassica oleracea (Ornamental kale)	1,000 raw seeds		
Calendula officinalis	25g (approx. 2,000 raw seeds)		
Callistephus chinensis (Aster)	Selene, Hana, Petit series : 2,000 raw seeds Others : 4,000 raw seeds		
Capsicum annuum	Black Ace, Hit Parade : 1,000 raw seeds		
Carthamus tinctorius	50g (approx. 1,000 raw seeds)		
Catharanthus roseus (Vinca)	1,000 raw seeds		
Celosia	Crystal Beauty, Delhi : 2,000 raw seeds Durian, Parfait, Green Sango & Sylphid series, Summer Lavender : 1,000 raw seeds Miyoshi Select, Queen series, Reien, : 20,000 raw seeds		
Centaurea	10g (approx. 2,300 raw seeds)		
Cineraria (Pericallis × hybrid)	2,000 raw seeds		
Cosmos	30g (approx. 2,400-4,200 raw seeds)		
Cyclamen persicum	100 raw seeds		
Dahlia	piece by tissue culture plant or plug plant		
Delphinium for cut flower	Tango, Trick & Waltz series : piece by tissue culture plant Ariel, Morpho, Prism, & Triton series : 1,000 raw seeds		
Delphinium for pot flower	1,000 raw seeds		
Dianthus	10,000 raw seeds		
Didiscus caeruleus (Blue Lace Flower)	5g (approx. 1,400 raw seeds)		
Eustoma grandiflorum (Lisianthus)	Nightingale : 1,000 pelleted seeds Others : 3,000 pelleted seeds		
Gypsophila	piece by plug plant or tissue culture plant		

Helleborus (Christmas Rose)	piece by plug plant or tissue culture plant		
Helianthus annuus	1,000 raw seeds		
lberis umbellata	10g (approx. 4,000 raw seeds)		
Leather Leaf Fern (Rumohra adiantiformis)	piece by tissue culture plant or plug plant		
Limonium chinensis	piece by tissue culture paint		
Limonium sinuatum (Statice)	Smash Series : 1,000 raw seeds Others : piece by tissue culture plant		
Limonium sp.	piece by tissue culture plant		
Lisianthus (Eustoma grandiflorum)	Nightingale, Vintage Blue Picotee : 1,000 pelleted seeds Others : 3,000 pelleted seeds		
Matthiola incana for cut flower	5,000 raw seeds		
Matthiola incana for pot flower	1,000 raw seeds		
Myosotis alpestris	1,000 raw seeds		
Ornamental kale (Brassica oleracea)	1,000 raw seeds		
Oxypetalum (Tweedia caerulea)	500 raw seeds		
Petunia × hybrida	piece by tissue culture plant		
Pericallis × hybrid (Cineraria)	2,000 raw seeds		
Rhodanthe manglesii	50g (approx. 35,000 raw seeds)		
Ricinus communis	50g (approx. 120 raw seeds)		
Rumohra adianthflorimis (Leather Leaf Fern)	piece by tissue culture plant or plug plant		
Silene armeria	1,000 pelleted seeds		
Snapdragon (Antrrihinum majus)	1,000 pelleted seeds		
Statice	Smash Series : 1,000 seeds Other series : piece (by TC plant)		
Stock for cut flower	5,000 raw seeds		
Stock for pot flower	1,000 raw seeds		
Sunflower	1,000 raw seeds		
Tweedia caerulea (Oxypetalum)	500 raw seeds		
Vinca (Catharanthus roseus)	1,000 raw seeds		
White Lace Flower	5g (approx. 4,400 raw seeds)		



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