




MIYOSHI

Flower 2020

Welcome to MIYOSHI World of Flower



We are proud to offer you our new flower catalog 2020 and have great pleasure in presenting you our products for professional use. We offer high quality seeds, tissue culture plants and cuttings. Some highlights include NEW:

Lisianthus F1 Allemande Light Pink, F1 Jasny Light Pink.
Aster Macaron Series new colors.

Limonium sinuatum Acute Series, Lucky Amethyst.
Matthiola incana Early Iron Series new colors.

We sincerely hope that you will find some interesting products that will bring benefits and profits to your business. If you have any questions, please feel free to contact us anytime.

We look forward to being of service to you.

Miyoshi International Sales Dept.
<http://www.miyosi.co.jp/en/>



Index

Items	Page
Amaranthus cruentus.....	50
Ammi majus (White Lace Flower).....	50
Antirrhinum majus (Snapdragon).....	49-50
Aster (Callistephus chinensis).....	43-46
Brassica oleracea for cut flower.....	47-48
Brassica oleracea for pot & bedding plants.....	59
Calendula officinalis.....	50
Callistephus chinensis (Aster).....	43-46
Capsicum annum.....	51, 60
Carthamus tinctorius.....	50
Catharanthus roseus (Vinca).....	61
Celosia.....	53-54, 60
Centaurea.....	50
Cineraria (Pericallis x hybrida).....	59
Cosmos.....	51
Dahlia.....	55-56
Delphinium for cut flower.....	36-41
Delphinium for pot & bedding plants.....	60
Dianthus.....	51
Eustoma grandiflorum (Lisianthus).....	7-18
Gypsophila.....	51
Helianthus annuus (Sunflower).....	52
Helleborus sp.	63-64
Iberis umbellata.....	51
Leather Leaf Fern (Rumohra adiantiformis).....	57
Lilium formolongo.....	52
Limonium sinensis.....	24
Limonium sinuatum.....	19-23
Limonium sp.	25
Lisianthus (Eustoma).....	7-18
Matthiola for cut flower.....	27-35
Matthiola for pot & bedding plants.....	62
Mirabilis jalapa.....	64
Myosotis alpestris.....	52
Ornamental kale for cut flower.....	47-48
Ornamental kale for pot & bedding plants.....	59
Oxypetalum (Tweedia).....	57
Pericallis x hybrida (Cineraria).....	59
Rhodanthe manglesii.....	57
Ricinus communis.....	52
Rumohra adiantiformis.....	57
Silene armeria.....	52
Snapdragon (Antirrhinum majus).....	49-50
Statice (Limonium sinuatum).....	19-23
Stock for cut flower.....	27-35
Stock for pot & bedding plants.....	62
Sunflower (Helianthus annuus).....	52
Terms & Conditions of Sales.....	66
Tweedia caerulea (Oxypetalum).....	57
Vinca (Catharanthus roseus).....	61
White Lace Flower (Ammi majus).....	50
Unit.....	65

Key to Symbols



MIYOSHI Original products
or exclusive selling



Available as Seeds



Available as
Tissue culture plants

NEW LINEUP

New Lineup

Lisianthus
F1 Chaconne
Blush Blue & Pink



Lisianthus

Lisianthus
F1 Chaconne
Apricot & Purple



Lisianthus
F1 Chaconne
Blue Picotee



Limonium

Marthiola

Lisianthus
F1 Allemande Light Pink



Delphinium

Other Cut Flower

Por & Bedding Plants

Lisianthus
F1 Jasny Pink



Lisianthus
F1 Jasny Light Pink



Delphinium
F1 Morpho Grand Blue 3



Matthiola
Early Iron Rose Pink



Matthiola
Early Iron Deep Yellow



Matthiola
Early Iron White



New Lineup

Lisianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

NEW LINEUP

Limonium sinuatum
Canyon Snow

Limonium sinuatum
Lucky Amethyst

Lilium formolongo
F1 White Torch II



Limonium sp.
Corona Intense Blue

Limonium sinensis
Bliss White



New Lineup

Listanctus

Limonium

Marthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

Eustoma grandiflorum

(Lisianthus)

Miyoshi has a very intensive breeding program for Eustoma grandiflorum (Lisianthus) 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

Eustoma grandiflorum (Lisianthus)

Please refer to page 65 for the product unit.

Double Flower

F1 Soiree Series

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 Blue Picotee



F1 Soiree Pink Picotee



F1 Soiree Blue Blush



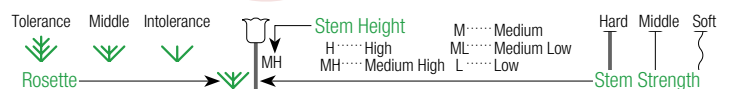
F1 Soiree Pink Blush



F1 Soiree Pink



F1 Soiree White





Double Flower



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 Bolero Blue Picotee



F1 Bolero Blue Blush



F1 Bolero Green



F1 Mariage



New Lineup

Lisianthus

Limonium

Matthiola

Delphinium


Other Cut Flower

Pot & Bedding Plants

Eustoma grandiflorum (Lisianthus)

Please refer to page 65 for the product unit.

Double Flower

 **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.

F1 Mazurka Wave White



F1 Mazurka Blue Picotee B



F1 Mazurka White



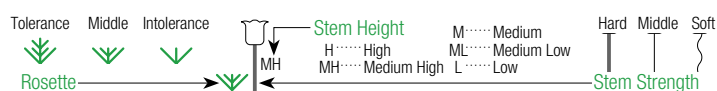
 **F1 Polka Lavender**

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



 **F1 Diamond Peach**

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



New Lineup

Lisianthus

Limonium

Marthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants



Double Flower



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.

F1 Minuet Blue Picotee



F1 Minuet Dark Purple



F1 Minuet Apricot Rose



F1 Minuet White Imp.



F1 Romance Green Imp.



New Lineup

Lisianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

Eustoma grandiflorum (Lisianthus)

Please refer to page 65 for the product unit.

Double Flower

F1 Chaconne Series

Chaconne series belongs to middle to middle-late flowering group. It produces large flowers with thick petals that contribute to excellent vase life. Now four new colors Blue Picotee, Purple, Apricot & Purple (50/50) and Blush Blue & Pink (50/50) are in the series. For those varieties except Chaconne White, less fertilization is recommended to avoid tip burns and stem breaks.

F1 Chaconne White



F1 Chaconne Blue Picotee



F1 Chaconne Apricot & Purple



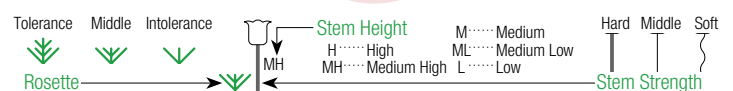
F1 Chaconne Purple



F1 Chaconne Blush Blue & Pink



F1 Chaconne Yellow Imp.



Double Flower



F1 Allemande Series

Allemande White belongs to the middle 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. Now Allemande Light Pink is available.

F1 Allemande Light Pink NEW

F1 Allemande White



F1 Diamond Peach 3 Imp.

The stem of F1 Diamond Peach 3 Imp. is more rigid and taller than F1 Diamond Peach 3. Flowering speed is same and in the middle-late category. Tint of pink is slightly darker and bicolor appearance is stable. Good branching habit.



F1 Marble Pink



New Lineup

Lisianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

Eustoma grandiflorum (Lisianthus)

Please refer to page 65 for the product unit.

Double Flower

F1 Polonaise Series

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

F1 Polonaise White



F1 Polonaise Blue Picotee



F1 Polonaise Green



F1 Nightingale Series

Nightingale series has very intense rosy red petals. Nightingale has larger blooms than Nightingale Midi. Those two varieties need good light condition for good color appearance. Now we present Nightingale Dark Purple with very attractive purple petals. Nightingale series is suited for summer production.

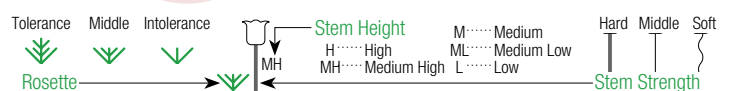
F1 Nightingale Dark Purple



F1 Nightingale



F1 Nightingale Midi



Double Flower



F1 Papillon Series

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 middle-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 Papillon Rose Pink



F1 Papillon White



F1 Shallot Green



F1 Luna Rose



New Lineup

Lisianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

Eustoma grandiflorum (Lisianthus)

Please refer to page 65 for the product unit.

Double Flower

F1 Jasny Series

Jasny series is the best summer performer and has good branching habit and produces strong and voluminous flower stems. Petals of Jasny White is thick and vase life is excellent. After the introduction of Jasny Lavender, two more pink varieties, Jasny Pink and Jasny Light Pink are available in the series.

F1 Jasny Pink



F1 Jasny White



F1 Jasny Light Pink



F1 Jasny Lavender



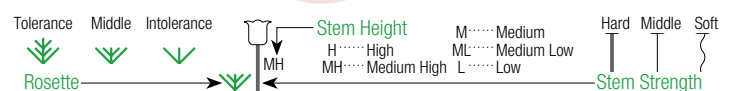
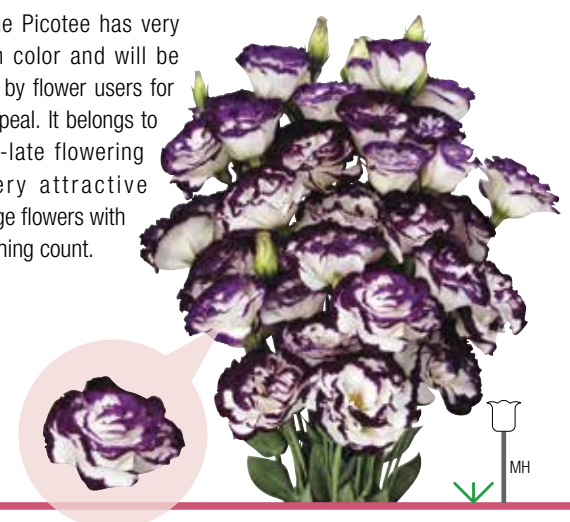
F1 Purple Flamingo

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 Vintage Blue Picotee

Vintage Blue Picotee has very intense rim color and will be appreciated by flower users for its visual appeal. It belongs to the middle-late flowering group. Very attractive medium-large flowers with fewer branching count.



Double & Single Flower

F1 Largo Series

Largo series is available in three colors; Largo Blue Picotee, Largo Lilac Pink Picotee and Largo Pink Picotee. The series belongs to the middle-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 Blue Picotee



F1 Largo Pink Picotee



F1 Gavotte Yellow



F1 Largo Lilac Pink Picotee



F1 Pucchino Series

Pucchino is single flowering series with small cup shaped flowers. The color is fresh light green and its shelf life is extraordinary long because of unique thick and hard petals. In the cold season, approximately 10% of flowers pink/white or blue/white color separation occurs to Mint Imp. and Mint 3 accordingly. The flowering speed of Mint Imp. is early and Mint 3 is middle-late.

F1 Pucchino Mint Imp.



F1 Pucchino Mint 3



New Lineup

Lisianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

Characteristics of Lisianthus

	Variety Name	Color	Center	Flower		
				Style	Size	
	Double type					
	F1 Soiree Blue Blush	Blue Splashed	Green	Double	M-L	
	F1 Soiree Blue Picotee	White/purple edge	Green	Double	M-L	
	F1 Soiree Pink	Pink	Black	Double	M-L	
	F1 Soiree Pink Blush	Pink Splashed	Green	Double	M-L	
	F1 Soiree Pink Picotee	White/pink edge	Green	Double	M-L	
	F1 Soiree White	White	Green	Double	M	
	F1 Bolero Blue Blush	Blue Splashed	Green	Double	M	
	F1 Bolero Green	Green	Green	Double	M	
	F1 Bolero White	White	Green	Double	M	
	F1 Bolero Blue Picotee	White/purple edge	Green	Double	M-L	
	F1 Mariage (White)	White	Green	Double	M	
	F1 Mazurka Wave White	White	Green	Double	M	
	F1 Mazurka Blue Picotee B	White/purple edge	Green	Double	M	
	F1 Mazurka White	White	Green	Double	S-M	
	F1 Polka Lavender	Light Lavender	Green	Double	M-L	
NEW	F1 Allemande Light Pink (M19-7)	Light Pink	Black	Double	M-L	
	F1 Allemande White	Pure White	Green	Double	M-L	
	F1 Diamond Peach	White/pink edge	Green	Double	M-L	
	F1 Minuet Apricot Rose	Light Rose	Black	Double	S	
	F1 Minuet Blue Picotee	White/purple edge	Green	Double	S	
	F1 Minuet Dark Purple	Dark Purple	Black	Double	S	
	F1 Minuet White Imp	White	Green	Double	S	
	F1 Romance Green Imp	Green	Green	Double	M-L	
NEW	F1 Chaconne Apricot & Purple (M16-21)	*1	Black	Double	M-L	
NEW	F1 Chaconne Blue (M18-3)	Purple	Black	Double	M-L	
NEW	F1 Chaconne Blue Picotee (M18-1)	White/purple edge	Green	Double	L	
NEW	F1 Chaconne Blush Blue & Pink (M16-22)	*2	Green	Double	M-L	
	F1 Chaconne White	White	Green	Double	M-L	
	F1 Chaconne Yellow	Yellow	Green	Double	M-L	
	F1 Chaconne Yellow Imp	Yellow	Green	Double	M-L	
	F1 Marble Pink	White/deep rose edge	Green	Double	M-L	
	F1 Shallot Green	Green	Green	Double	S	
	F1 Gavotte Yellow	Yellow	Green	Double	L	
	F1 Luna Rose	Rose	Black	Double	M	
	F1 Nightingale	Red	Black	Double	M-L	
NEW	F1 Nightingale Dark Purple (M16-5)	Dark Purple	Black	Double	M-L	
	F1 Nightingale Midi	Red	Black	Double	M	
	F1 Papillon Blue Blush	Blue Splashed	Green	Double	S	
	F1 Papillon Pink Blush	Pink Splashed	Green	Double	S	
	F1 Papillon Rose Pink	Rose	Black	Double	S	
	F1 Papillon White	White	Green	Double	S	
	F1 Polonaise Blue Picotee	White/purple edge	Green	Double	S-M	
	F1 Polonaise Green	Green	Green	Double	S	
	F1 Polonaise White	White	Green	Double	S-M	
	F1 Purple Flamingo	Purple	Black	Double	M-L	
	F1 Jasny Lavender	Lavender	Black	Double	M	
NEW	F1 Jasny Light Pink (M19-4)	Light Pink	Green	Double	M-L	
NEW	F1 Jasny Pink (M19-3)	Pink	Black	Double	M-L	
	F1 Jasny White	White	Green	Double	M	
	F1 Diamond Peach 3 Imp	White/pink edge	Green	Double	L	
	F1 Vintage Blue Picotee	White/purple edge	Green	Double	M-L	
	F1 Largo Blue Picotee	White/purple edge	Green	Double	M-L	
	F1 Largo Pink Picotee	White/pink edge	Green	Double	M-L	
	F1 Largo Lilac Pink Picotee	White/lilac edge	Green	Double	M	
	Single type					
NEW	F1 Pucchino Mint Imp.	Green	Green	Single	S	
NEW	F1 Pucchino Mint 3	Green	Green	Single	S	

*1 Mixture includes 50% Apricot and 50% Purple. *2 Mixture includes 50% Blue Blush and 50% Pink Blush.

Range>Rosette: A Tolerant -> C Intolerant

	Flowering Speed					Basic Cropping Style	Stem		Rosette
	Very Early	Early	Middle	Middle Late	Late		Height	Strength	
		■				Forcing-seasonal	Medium	Middle	A
		■				Forcing-seasonal	Medium	Hard	A
		■				Forcing-seasonal	Medium	Middle	B
		■				Forcing-seasonal	Medium	Middle	A
		■				Forcing-seasonal	Medium	Middle	C
		■				Forcing-seasonal	Medium	Hard	B
		■				Forcing-seasonal	Medium	Hard	B
		■				Forcing-seasonal	Medium High	Middle	B
		■				Forcing-seasonal	Medium High	Hard	A
		■				Forcing-seasonal	Medium High	Hard	B
		■				Forcing-seasonal	Medium	Hard	B
		■				Forcing-seasonal	Medium	Middle	A
		■				Forcing-seasonal	Medium	Hard	B
		■				Forcing-seasonal	Medium High	Middle	A
		■				Seasonal-fall	Low	Hard	B
		■				Seasonal-fall	Medium	Middle	B
		■				Seasonal-fall	Medium High	Hard	B
		■				Forcing-seasonal	High	Hard	C
		■				Seasonal-fall	Medium High	Hard	A
		■				Seasonal-fall	Medium High	Hard	B
		■				Seasonal-fall	Medium	Hard	A
		■				Seasonal-fall	Medium	Hard	A
		■				Forcing-seasonal	Medium	Hard	B
		■				Forcing-seasonal	Medium	Middle	B
		■				Forcing-seasonal	Medium	Middle	B
		■				Seasonal-fall	High	Middle	B
		■				Seasonal-fall	Medium High	Middle	B
		■				Seasonal-fall	Medium High	Hard	B
		■				Seasonal-fall	Medium High	Hard	B
		■				Forcing-spring	Medium High	Hard	B
		■				Seasonal-fall	Medium High	Hard	B
		■				Seasonal-fall	Medium High	Hard	A
		■				Seasonal-fall	High	Hard	A
		■				Seasonal-fall	High	Hard	B
		■				Seasonal-fall	Medium High	Hard	B
		■				Seasonal-fall	Medium High	Hard	B
		■				Seasonal-fall	High	Hard	B
		■				Seasonal-fall	High	Hard	B
		■				Seasonal-fall	Medium	Hard	B
		■				Seasonal-fall	Medium	Hard	B
		■				Seasonal-fall	Medium High	Hard	C
		■				Seasonal-fall	High	Hard	B
		■				Seasonal-fall	High	Middle	B
		■				Seasonal-fall	Medium High	Hard	B
		■				Seasonal-fall	High	Hard	C
		■				Seasonal-fall	Medium High	Hard	A
		■				Seasonal-fall	High	Hard	B
		■				Seasonal-fall	High	Hard	B
		■				Seasonal-fall	Medium High	Hard	B
		■				Summer-fall	High	Hard	B
		■				Seasonal-fall	Medium High	Hard	C
		■				Seasonal-fall	High	Hard	B
		■				Seasonal-fall	High	Hard	B
		■				Seasonal-fall	High	Middle	B
		■				Forcing-seasonal	Medium	Middle	B
		■				Seasonal-fall	Medium	Middle	A

(Test was done under the most severe condition; sowing in June and planting in August under Japanese condition without any temperature control.)

New Lineup

Lisianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

Tissue cultured *L. sinuatum*



Acute Series **NEW**

As the series name expresses, the branch formation of Acute Lavender and Acute Pink is very sharply angled and stems stretch up straight; stems hardly get tangled and it makes the picking work easier.

Acute Lavender



Acute Pink



Earth Series

Earth series has big calyces which open well. It produces tall and very high quality stems that grow upright and straight into a perfect shape. Crops are easy to harvest and suitable for winter production.

Earth Ocean



Earth Pink





Tissue cultured *L. sinuatum*



Sunday Series

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



Sunday Lavender



New Lineup

Lisianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

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.

Prime Violet



Prime Lovely Pink



Tissue cultured *L. sinuatum*

Crystal Yellow

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

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.



Amethyst Series

Luster Amethyst displays full opened calyces colored with shining bright purple. New Lucky Amethyst has dark purple calyces. Those two Amethysts present excellent volume with large brushes. They are suitable for summer production due to their slow growing traits.

Luster Amethyst

Lucky Amethyst



Violet Fizz

Violet Fizz has many medium sized brushes stem. Summer production would be ideal growing for this variety based on its late flowering speed.



Tissue cultured *L. sinuatum*

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.



Exotic Tall Blue

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.

 Canyon Snow **NEW**

The calyces fully open and brushes are well-shaped. Heavy stems and branches grow upright and it is easy to pick them. Among white varieties Canyon Snow is relatively tolerant to Botrytis.



F1 Smash Series

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.

F1 Smash Violet



F1 Smash Rose Imp.



Characteristics of Tissue cultured L. sinuatum

	Variety	Color	Height (cm)	Flowering Speed					Stem Strength	Botrytis Resistance	Productivity	Suitable for	Remarks
				Very Early	Early	Middle	Middle Late	Late					
<TC Varieties>													
NEW	Acute Lavender	Lavender	95-110		○				Medium Hard	Medium Strong		Warm	Upright branching habit and easy to harvest. High productivity.
NEW	Acute Pink	Pink	110-115		○				Hard	Medium Strong		Warm	Attractive Pink brushes and each stem has excellent volume.
	Sunday Lavender	Lavender	95-105	○					Medium	Strong		Warm	Very high production and resistance to Botrytis.
	Sunday Violet	Violet	100-110		○				Hard	Medium Strong		Warm	Very high quality plus high productivity.
	Clear Snow	White	80-90		○				Hard	Medium Weak		Warm	Pure White color and good style. Sharp angled stems. High productivity.
	Crystal Yellow	Yellow	85-95		○				Hard	Medium Weak		All	The best bright yellow available in the market.
	Earth Ocean	Blue	100-110		○				Hard	Medium		Warm	Stems grow straight into perfect shape. Color comes out well.
	Earth Pink	Pink	95-105		○				Hard	Medium		Warm	Sharp angled branches and easy to harvest.
	Prime Lovely Pink	Pink	80-95		○				Hard	Medium		Warm	Less requirement for low temperature. High production.
	Prime Violet	Violet	85-100		○				Hard	Medium Strong		Warm	High productivity. Enough quality. Make plant well in the early period.
	Rose Wine	Rose	80-90		○				Medium	Medium		Warm	Vivid color, calyces open well. Sharp angled stems.
	Luster Amethyst	Bright Violet	105-115				○		Medium Hard	Medium Strong		Cool	Calyces open well. Best Bright violet. Numerous brushes.
NEW	Lucky Amethyst	Deep Violet	110-115				○		Medium	Medium Strong		Cool	Each stem has great volume and being resistant to etiolation.
NEW	Canyon Snow	White	80-85				○		Hard	Medium Weak		Cool	Brushes have stable white color through the season. Easy to harvest.
NEW	Violet Fiz	Violet	100-110				○		Medium Hard	Medium		Cool	High productivity. Each stem has enough medium sized brushes.
	Noble Violetta	Deep Violet	100-110				○		Medium Hard	Medium Strong		Cool	Color comes out very well. Make plant well in the early period.
	Exotic Tall Blue	Purple	100-110				○		Medium Hard	Medium Strong		Cool	Big brush. Calyces open well. Tall stems and nice volume.
	Dynamic Violet	Deep Violet	105-115					○	Medium Hard	Medium Strong		Cool	Nice deep color. Strong plant. Thick heavy stems grow vigorously.

→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

Characteristics of L. sinuatum from Seed

	Color	Height (cm)	Flowering Speed					Stem Strength	Botrytis Resistance	Productivity	Suitable for	Remarks
			Very Early	Early	Middle	Middle Late	Late					
<F1 Seed Varieties>												
	F1 Smash Rose Imp.	Rose	70-85		○			Medium Hard	Medium		Warm	Very good uniformity.
	F1 Smash Violet	Violet	95-110			○		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*
 Bliss White **NEW**

Just like Ever series, Bliss White does not require much cold for flower initiation and 2nd flush harvest is possible. Bliss white is early flowering and tall growing with its rigid flower stalks.



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.

Ever Cute Imp.



Ever Rose



Ever Snow

Characteristics of *L. sinensis*

	Variety	Color	Height (cm)	Size of Calyx	Cold Requirement	Stem Strength	Bolting to Flowering	Flowering	Remarks
	<Limonium sinensis Varieties>								
	Ever Cute Imp.	Pink	85-95	Large	☆☆	Hard	Middle	Spring	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.
NEW	Bliss White	White	90-100	Medium Large	☆	Hard	Middle	Spring	Less requirement of cold treatment, heavy quality stems continues in the 2nd flush. Productive.

☆: Less



Tissue cultured Limonium sp.

L. altaica Corona Series

Corona Intense Blue is admired for its darkest calyx color. The variety continuously blooms through the season with sufficient light and temperature.

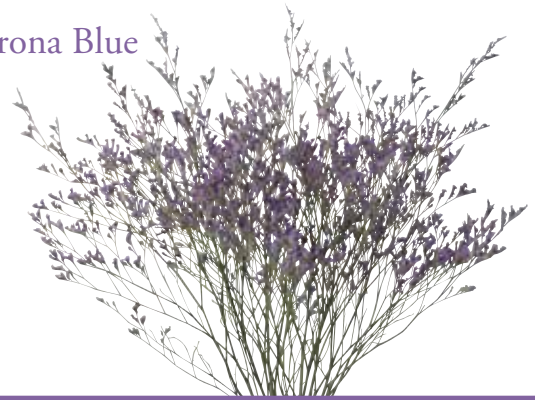
Corona Intense Blue



Corona Deep Blue



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.>							
NEW	L.altaica Corona Blue	Violet	Blue	85-95	☆☆	Hard	Mainly summer to autumn	Nice color, High quality stems, medium production.
	L.altaica Corona Deep Blue	Violet	Blue	85-95	☆☆☆	Hard		Nice color, High production, Strong plant.
	L.altaica Corona Intense Blue	Violet	Blue	85-95	☆☆	Very Hard		Nice color, Excellent volume with unique massed flowers.
	L.altaica Tall Emille	Blue-Violet	White	75-85	☆	Hard	Free flowering	When heating around at 12°C, all year around production is almost possible.
	L.altaica Tall Pink Emille	Pale Pink	White	75-85	☆	Hard		The growing characteristics is similar to Tall Emille.

☆: 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.

P 27 – P 35



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.

P 36 – P 41

Matthiola incana (Stock)

Please refer to page 65 for the product unit.

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.

Spark White II



Spark Yellow



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.

Early Arrow White



Arrow White



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 Yellow II



Revolution White II



New Lineup

Listancthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

Characteristics of Matthiola incana (Stock)

Series	Variety	Type	Color	Separation	Flowering Speed			Schedule	Comment
					Very Early	Early	Mid		
All Double									
Spray									
Spark Series	Spark Yellow	Spray All Double	Yellow		■			3	I
	Spark White II	Spray All Double	White		■			3	I
Standard									
Arrow Series	Early Arrow White	Standard All Double	White		■			5	II
	Arrow White	Standard All Double	White				■	6	V
Revolution Series	Revolution Yellow II	Standard All Double	Creamy yellow		■			1	
	Revolution White II	Standard All Double	White		■			5	V

Culture Schedule 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

Culture Schedule Type				
No	Flowering	Suitable for	GH	Sowing time
7	2 - 3	Warm area	*	8 - 9
8	3 - 4	Warm area	*	10 - 11
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	(2)- 3	Warm area		8

() 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.

High Quartet Series

New High Quartet Marine, Cherry, Cool Pink and White grow 10 – 15 cm taller and 10 – 14 days earlier than comparable same colored original Quartet cultivars. It is important to avoid excess stretching of the plants at the initial growing stage by managing the adequate watering level.

High Quartet Marine



High Quartet Cherry



High Quartet Cool Pink



High Quartet White



Matthiola incana (Stock)

Please refer to page 65 for the product unit.

Spray 

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. Top flower bud pinching is required to make a well-balanced spray form.

Quartet Purple



Quartet Blue



Quartet Blue Blush



Quartet Lavender



Quartet Marine



Quartet Marine Blush



Quartet Red



Quartet Deep Rose



New Lineup

Listancthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

Quartet Rose



Quartet Pink



Quartet Light Pink



Quartet Fantasy



Quartet Lovely



Quartet Cherry



Quartet Deep Pink Blush



Quartet Pink Blush



Quartet Light Pink Blush



New Lineup

Listianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

Matthiola incana (Stock)

Please refer to page 65 for the product unit.

Spray 

Quartet Cool Pink



Quartet Sunset



Quartet Peach



Quartet Apricot II



Quartet Rainbow



Quartet Red Purple



Quartet Deep Yellow



Quartet Yellow II



Quartet White



New Lineup

Listianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants



Standard



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. Now six colors are available with new Rose Pink, Cherry, Deep Yellow and White.

Early Iron Marine



Early Iron Rose Pink **NEW**



Early Iron Pink



Early Iron Cherry **NEW**



Early Iron Deep Yellow **NEW**



Early Iron White **NEW**



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



New Lineup

Listianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Port & Bedding Plants

Matthiola incana (Stock)

Please refer to page 65 for the product unit.

Standard 

Iron Rose



Iron Rose Pink



Iron Deep Pink



Iron Pink



Iron Cherry



Iron Apricot



Iron Yellow



Iron White



New Lineup

Lisianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

Standard 

Wave Series

Wave White



Wave Marine



Wave Blue



Wave Peach



Souka



Kid White

Kid White is one month earlier than Iron White. Kid White 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.



Nami Series

Yukinami



Asanami



Okinami



New Lineup

Listianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Por & Bedding Plants

Characteristics of Matthiola incana (Stock)

Series	Variety	Type	Color	Separation	Flowering Speed			Schedule	Comment
					Very Early	Early	Mid		
Selectable									
Spray									
High Quartet Series	NEW	High Quartet Cherry	Spray	Cherry		■		3	I
	NEW	High Quartet Cool Pink	Spray	Cool Pink		■		3	I
	NEW	High Quartet Marine	Spray	Marine		■		3	I
	NEW	High Quartet White	Spray	White		■		3	I
Quartet Series		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	Spray	Pink		■		3	I
		Quartet Light Pink Blush	Spray	Light clear pink	Easy	■		3	I
		Quartet Pink Blush	Spray	Pink blush		■		3	I
		Quartet Deep Pink Blush	Spray	Clear pink			■	3	I
		Quartet Rainbow	Spray	Apricot pink		■		3	I
		Quartet Rose	Spray	Salmon rose pink		■		3	I
		Quartet White	Spray	Pure white	Easy	■		3	I
		Quartet Apricot II	Spray	Apricot	Easy	■		3	I
		Quartet Blue	Spray	Blue	Easy	■		3	I
		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	I
		Quartet Purple	Spray	Dark purple		■		3	I
		Quartet Yellow II	Spray	Cream yellow	Difficult	■		3	I
		Quartet Deep Yellow	Spray	Deep yellow			■	3	I
		Quartet Red Purple	Spray	Maroon red	Easy		■	3	I
		Quartet Fantasy	Spray	Darker than lovely	Easy		■	3	I
		Quartet Marine	Spray	Bright lavender	Easy		■	3	I
		Quartet Pink	Spray	Rose pink	Easy		■	3	I
	Quartet Red	Spray	Red	Easy		■	3	I	
	Quartet Sunset	Spray	Dark pink	Easy		■	3	I	
Standard									
Early Iron Series	NEW	Early Iron Cherry	Standard	Cherry		■		3	
	NEW	Early Iron Deep Yellow	Standard	Deep yellow		■		3	
		Early Iron Marine	Standard	Light lavender		■		3	
		Early Iron Pink	Standard	Pink			■	3	
	NEW	Early Iron Rose Pink	Standard	Rose pink		■		3	
	NEW	Early Iron White	Standard	White		■		3	
Iron Series		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 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
Nami Series		Okinami	Standard	Deep lavender		■		1	
		Asanami	Standard	Light pink			■	1	
		Yukinami	Standard	White			■	2	
Wave Series		Wave Blue	Standard	Light purple		■		1	
		Wave Marine	Standard	Clear lavender		■		1	
		Wave White	Standard	White		■		1	
		Wave Peach	Standard	Rose			■	1	
Others		Kid White	Standard	White		■		5	II
		Souka	Standard	Pink		■		1	
		Souen	Standard	Deep pink			■	1	

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

No	Flowering	Suitable for	GH	Sowing time
7	2 - 3	Warm area	*	8 - 9
8	3 - 4	Warm area	*	10 - 11
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	(2) - 3	Warm area		8

I	Pinching timing: When very top 2-3 buds start coloring. To get height, never dry-out water during growing.
II	Early sowing 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.

() End of month GH=Green House



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



Sky Waltz



Trick Series

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.

Trick



Trick Pink



Trick Yellow



New Lineup

Listianthus

Limonium

Marthiola

Delphinium

Other Cut Flower

Port & Bedding Plants

Cultorum 

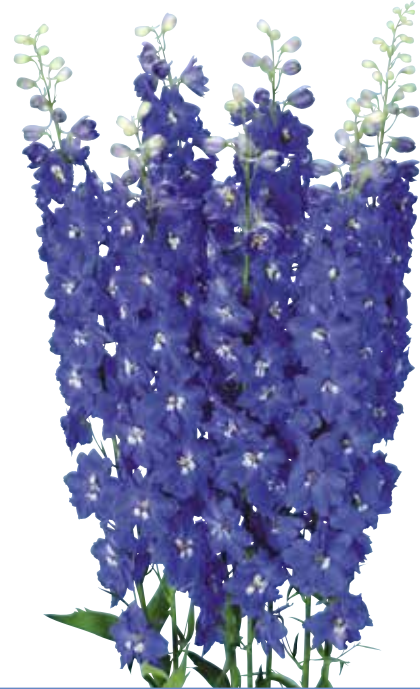
 F1 Ariel Series

Flowering speed of Ariel series is very early (earlier than Triton series) and hardly become rosette. Ariel White Imp. is earlier flowering and flower spike is larger than Ariel White.

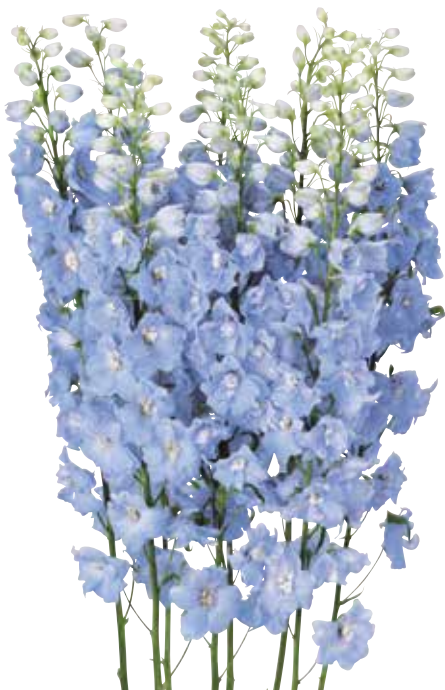
F1 Ariel Magic Violet



F1 Ariel Blue



F1 Ariel Light Blue



F1 Ariel White Imp.



New Lineup

Lisianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

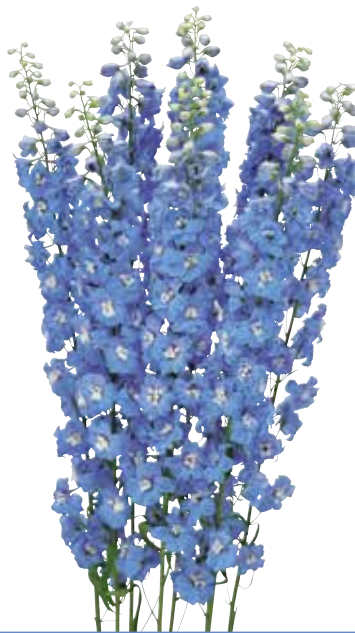
 F1 Triton Series

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 Dark Blue



F1 Triton Light Blue



F1 Triton Lavender



 F1 Prism Series

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.

F1 Sky Prism



F1 Snow Prism



New Lineup

Lisianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

Characteristics of Delphinium

Variety	Color	Flower Diameter (cm)	Flowering Speed				Stem Height
			Very Early	Early	Middle	Late	
<Belladonna Type> Tissue Culture Varieties							
Trick Series							
Trick	Purple/Yellow bee	5	○				Low
Trick Yellow	Yellow	5	○				Low
Trick Pink	Rose/Yellow bee	5		○			Low
Waltz Series							
Sky Waltz	Sky blue	6		○			Medium High
Star Waltz	Bright blue	7		○			Medium
Sea Waltz	Dark blue	6.5			○		High
<Belladonna Type> F1 Seed Varieties							
F1 Prism Series							
F1 Sky Prism	Light blue	4.5		○			Medium
F1 Snow Prism	White	5		○			Medium

Variety	Color	Flower Diameter (cm)	Flowering Speed				Stem Height
			Very Early	Early	Middle	Late	
<Cultorum Type> F1 Seed Varieties							
F1 Ariel Series							
F1 Ariel Blue	Dark blue	6	○				Medium
F1 Ariel Magic Violet	Dark Purple	6.5	○				Medium
F1 Ariel Light Blue	Light blue	7	○				Medium Low
F1 Ariel White Imp.	White	6.5	○				Medium Low
F1 Triton Series							
F1 Triton Dark Blue	Dark blue	7	○				Medium
F1 Triton Light Blue	Light blue	6.5		○			Medium
F1 Triton Lavender	Lavender	7.5		○			Medium

Variety	Color	Flower Diameter (cm)	Flowering Speed				Stem Height
			Very Early	Early	Middle	Late	
<Chinensis Type> F1 Seed Varieties							
F1 Morpho Series							
F1 Morpho Lavender Imp.	Lavender	4.5	○				Medium
F1 Morpho Sky Blue	Sky blue	5	○				Medium High
F1 Morpho Chiffon Blue	Light blue	4.5		○			High
F1 Morpho Grand Blue	Dark blue	4.8		○			High
NEW F1 Morpho Grand Blue 3	Dark blue	4.5			○		High
F1 Morpho Platinum Blue	Sky blue	4.5			○		Medium High
F1 Morpho Sugar Pink	Light pink	4.5			○		High
F1 Morpho Happy Pink	Pink	4.5		○			Low
F1 Morpho Silky White	Pure white	5				○	High

	Stem Strength	Productivity			Powdery Mildew Resistance	Remarks
		Very High	High	Middle		
	Medium Soft	○			Medium	Purple flower and yellow bee, unique color combination
	Medium Soft		○		Medium	High productive yellow Delphinium
	Medium Soft		○		Medium	Rose flower and yellow bee, unique color combination
	Medium Soft			○	Medium	Voluminous flower spike with many florets
	Hard			○	Medium	Bright blue flower and white bee, beautiful color combination
	Hard			○	Strong	Largest flower size among Belladonna type
	Medium Soft			○	Medium	Production improvement for Belladonna Imp.
	Medium Soft			○	Medium	Production improvement for Belladonna White
	Stem Strength	Rosetting			-	Remarks
		Less	Middle	Middle More		
	Medium	○			-	Avoid planting in hot season. Stems are rather short
	Medium	○			-	Avoid planting in hot season. Stems are rather short
	Medium	○			-	Avoid planting in hot season. Stems are rather short
	Medium	○			-	Avoid planting in hot season. Stems are rather short
	Medium	○			-	Uniform growth and flower color
	Hard	○			-	Uniform growth and flower color
	Hard	○			-	Uniform growth and flower color, good color, big diameter
	Productivity	Low Temperature and Low Light Culture Response			-	Remarks
		Coloring	Deformation	Reddish Color		
	Medium high	○	○	○	-	Earlier variety
	Medium High	○	○	×	-	Large size flower
	Medium High	△	◎	○	-	Color gets whitish in the cold period
	High	◎	◎	×	-	Good volume
	High	△	○	△	-	Stable volume through a year Be aware of the white blochs like scratch under low temperature
	Medium High	△	○	△	-	Color does not come out clearly during cold period. Lighter blue compare to Morpho Sky Blue
	Medium High	△	◎	○	-	Good branching formation
	Medium	○	○	◎	-	Nice and balanced shape
	Medium	◎	○	◎	-	Pure white Delphinium with excellent volume and height

New Lineup

Lisianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

Delphinium

Key to Symbols



Available as Seeds

Please refer to page 65 for the product unit.

D. grandiflorum (D. chinensis)



F1 Morpho Series

(Former F1 Super Series)

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 Grand Blue

F1 Morpho Grand Blue 3

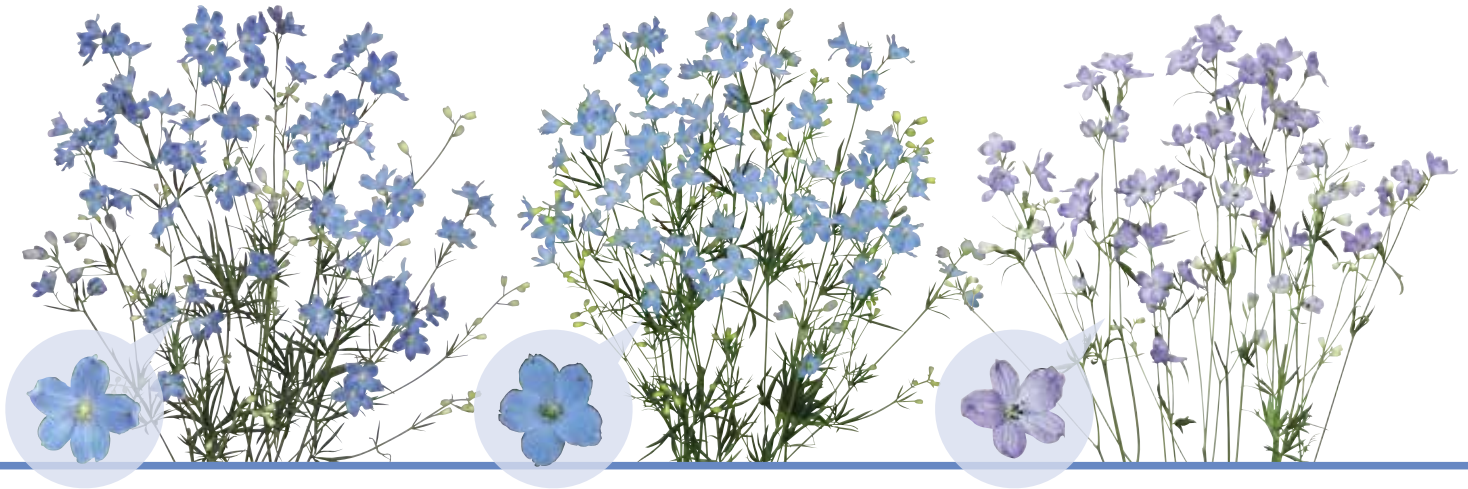
F1 Morpho Sky Blue



F1 Morpho Platinum Blue

F1 Morpho Chiffon Blue

F1 Morpho Lavender Imp.



F1 Morpho Silky White

F1 Morpho Happy Pink

F1 Morpho Sugar Pink



New Lineup

Listanctus

Limonium

Marthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

Other Cut Flower

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

P43 – P57



Other Cut Flower

Please refer to page 65 for the product unit.

Callistephus chinensis (Aster)



Selene Series

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

Selene Purple

Selene Blue

Selene Scarlet

Selene Pink



Hana Series

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.

Hana Purple

Hana Scarlet

Hana Deep Rose



Hana Pure Rose

Hana Pink

Hana White



New Lineup

Listianthus

Limonium

Marthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants



Callistephus chinensis (Aster)



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.

Petit Purple



Petit Scarlet



Petit Rose



Petit Fancy Pink



Petit White



Miss Europe Resist



Reihou



Hi no Mai



Ume no Mai



New Lineup

Lisianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

Other Cut Flower

Please refer to page 65 for the product unit.

Callistephus chinensis (Aster)

Julie Series

Julie series is now available in seven 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.

Julie Purple

Julie Blue

Julie Scarlet



Julie Bordeaux 



Julie Rose

Julie Pink

Julie White



Macaroon Series

Pompon Callistephus Macaroon series with high fusarium tolerance is suitable for both in greenhouse and outdoor cultivation. Now new 3 colors Blue, Deep Blue and White are introduced and 6 colors are available in Macaroon series.

Macaroon Scarlet

Macaroon Rose

Macaroon Pink



New Lineup

Listanctus

Limonium

Marthiola

Delphinium

Other Cut Flower

Port & Bedding Plants

Callistephus chinensis (Aster)

Macaroon Deep Blue **NEW**



Macaroon Blue **NEW**



Macaroon White **NEW**



Characteristics of Aster (Callistephus chinensis)

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

New Lineup

Lisianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

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-catching.

F1 Moon Light



F1 Bright Rose



F1 Elegance



F1 Airy



F1 Hakuju



F1 Kouju No.2



F1 Snow Bright



F1 Suruga no Hatsuhi



Brassica oleracea (Ornamental kale)



F1 Black Leaf



F1 Altair



Ensemble



F1 White Lady



F1 First Lady



F1 Peach Lady



Characteristics of Brassica oleracea (Ornamental kale)

Leaf Shape	Variety	Color	Coloring Speed				Cold Tolerance
			Early	Middle	Middle Late	Late	
Round Leaf	F1 Moon Light	White	○				3
	F1 Bright Rose	Pink and Red		○			4
	F1 Airy	White		○			3.5
	F1 Elegance	Dark Red			○		5
	F1 Hakuju	White		○			2
	F1 Kouju No.2	Pink and Red		○			4
	F1 Snow Bright	White			○		3.5
	F1 Suruga no Hatsuhi	Red and White			○		3.5
Fringe	F1 Black Leaf	Black				○	5
	F1 White Lady	White		○			3
	F1 First Lady	Dark Red			○		5
Serrated Leaf	F1 Peach Lady	Pink			○		4
	F1 Altair	Red		○			5
	Ensemble	Mix of Pink, Rose, Red, White		○			5

Strong 5 <-> Weak 1

New Lineup

Lisianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

Antirrhinum majus (Snapdragon)

F1 Fair Series

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 Magenta



F1 Fair Rose Pink



F1 Fair Deep Pink



F1 Fair Pink



F1 Fair Yellow



F1 Fair Snow



F1 Fair Pure White No.2



Antirrhinum majus, Amaranthus cruentus, Carthamus, & Centaurea



F1 Bridal Series

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 Chili

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.



Calendula officinalis Nakayasu

Full double Calendulas are for spring cut flowers.



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 volume.



Centaurea C. cyanus Hayate

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



Other Cut Flower

Please refer to page 65 for the product unit.

Cosmos, Capsicum annum, Dianthus, etc.

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



 Afternoon White



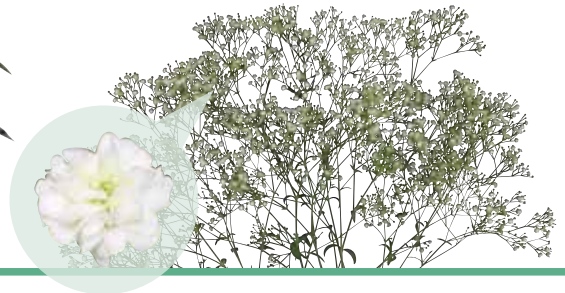
Capsicum annum  **Black Ace**

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



 **Gypsophila paniculata**  **Zinzi Discovery**

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.



Dianthus Niikurabeni 

Flower inflorescence 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.



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.





Helianthus annuus, Myosotis alpestris, Silene armeria etc.



Helianthus annuus



Lemonade

Lemonade is double variety with bright yellow color. Double flower percentage is excellent without cropping loss. Flowering speed is same as Tohoku Yae ; it takes about 80 days from sowing to harvest.



Orangeade (Former Tohoku-Yae)

Orangeade is all double variety with orange color. Flower size is compact.



Myosotis alpestris Nano Series



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.

Nano Blue



Nano White



Lilium formolongo F1 White Torch II

**NEW**

The growing speed of F1 White Torch II is middle. The crop is quite uniform in flowering and upright large white flowers open very well.



Ricinus communis Mizuma



Unique flower arrangement material. Clear bright red Miyoshi selection.



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.



Other Cut Flower

Please refer to page 65 for the product unit.

Celosia & Arrangement® Celosia

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

Delhi Pearl



Delhi Purple




Delhi Rainbow



Delhi Red



 **Kurume Strain** 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.

Reien



Miyoshi Select



Rose Queen



Yellow Queen



Orange Queen



Orange Queen Imp.



 **Arrangement® Celosia**

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



Roseberry Parfait



New Lineup

Listancthus

Limonium

Marthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

 **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.

 **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.

 **Durian Series**

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.

Durian Red**Durian Golden****Durian Yellow** **Sylphid**

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.

**Characteristics of Celosia for cut flower and pot**

	Variety	Color	Flowering Speed			Stem Height
			Early	Middle	Late	
Delhi Series	Delhi Pearl	apricot			○	medium low
	Delhi Purple	purple			○	medium low
	Delhi Rainbow	pink			○	medium low
	Delhi Red	red			○	medium low
Kurume Series	Reien	red		○		medium
	Miyoshi Select	red		○		medium
	Rose Queen	rose		○		medium
	Orange Queen	orange		○		medium
	Orange Queen Imp.	orange		○		medium
	Yellow Queen	yellow		○		medium

	Variety	Color	Flowering Speed			Stem Height
			Early	Middle	Late	
	Green Sango	green	○			medium
	Crystal Beauty	apricot		○		medium
Arrangement Celosia	Ruby Parfait	rose		○		medium-low
	Roseberry Parfait	rose			○	tall
Durian Series	Durian Red	red			○	tall
	Durian Golden	deep yellow			○	tall
	Durian Yellow	yellow			○	tall
	Sylphid	green		○		midium

Other Cut Flower

Please refer to page 65 for the product unit.

Dahlia

Saisetsu

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



Rose Quartz

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



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

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.



Hamilton Jr.

Flower Type: Decorative. Best selling Orange Dahlia in Japan. Sturdy stems hold flowers very well.



Mitchan

Flower Type: Decorative. Best selling Rose Dahlia in Japan. Petals are thick.



Portlight Pair Beauty

Flower Type: Decorative. An elegant mix of orange against white at their tips. Bicolor is more stable than existing varieties.



Asahitemari

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.



Dahlia

Kokuchou

Flower Type: Semi-Cactus.
Attractive blackish red and very large gorgeous flower.



Pink Quartz

Flower Type: Semi-Cactus.
The variety is characterized by its bright clear pink color with no bluish tone.



Nessyou

Flower Type: Semi-Cactus.
Impressive flaming red variety.
The flower size is middle and good cut flower variety. Under low light and/or cold condition, the color changes to red orange.



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.



Yellow Quartz

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



Characteristics of Dahlia for cut flower

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

New Lineup

Lisianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants



Oxypetalum coeruleum, Rhodanthe & Rumohra



Oxypetalum coeruleum (Tweedia caerulea)



Pure Blue (Tanioka Pure Blue)

Tweedia caerulea is a half hardy perennial and can be grown for 1.5-2 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.



Pint White Double Mix



Blue Double Mix



Semi Double



Double



Single



Semi Double



Double



Single



Rhodanthe manglesii Maculata Rose



Bright pink with yellow center with reddish purple ring.



Rumohra adiantiformis Mild (Leather Leaf Fern)

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



New Lineup

Listanctus

Limonium

Marthiola

Delphinium

Other Cut Flower

Port & Bedding Plants

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

Please refer to page 65 for the product unit.

Brassica oleracea & Pericallis x hybrida (Cineraria)

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



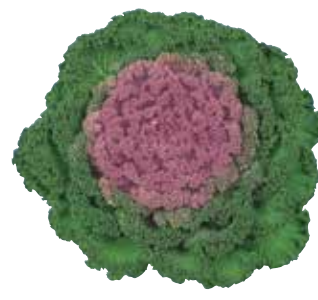
F1 Benikagami



F1 Shirozukin No.1



F1 Akazukin No.1



Rias



Harmony



Characteristics of Brassica oleracea (Ornamental kale) for pot

Leaf Shape	Variety	Color	Coloring Speed				Cold Tolerance
			Early	Middle	Middle Late	Late	
Round Leaf	F1 Benikagami	Dark Red	○				5
	F1 Shiraho	White	○				2
Fringe	F1 Akazukin no.1	Light Red		○			5
	F1 Shirozukin no.1	White		○			3
Feather	Harmony	Mix (Pink Red, Red, White)		○			5
	Rias	Mix (Red and White)		○			5

Strong 5 <--> Weak 1

Pericallis x 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.



Characteristics of Pericallis x hybrida (Cineraria)

Variety	Flower Size	Flowering Speed		
		Very Early	Early	Middle
Angel Mixture	Medium	○		
Wink Mixture	Medium-Large	○		
Carnival Special Mixture	Large			○

Delphinium, Capsicum & Celosia

Delphinium

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



Fantasista



Milky Mint



Characteristics of Delphinium for Pot

Variety	Color	Flower Diameter	Flowering Speed			Height	Branch
			Early	Middle Early	Middle		
Cool Mint	Lavender	5.5cm	○			40cm	4
Aqua Blue	Light blue	5.5cm		○		45cm	5
Mint Blue	Blue	5cm		○		40cm	5
Tiara Blue	Blue/eyes	5.5cm		○		40cm	5
Fantasista	Light pink	5.5cm			○	45cm	5
Milky Mint	Pinkish white	5.5cm			○	40cm	4

Branch 5 <--> Few 1

Capsicum annum 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.



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.



Catharanthus roseus (Vinca)

Cocktailina Series

Cocktailina series presents unique color varieties: 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.

F1 Blue Moon



F1 Red Eyes



F1 Merry Go Round Series

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



Characteristics of Catharanthus roseus (Vinca)

Variety	Color	Height	Width	Fertility	Flowering Speed	
					Very Early	Early
Cocktailina Series						
F1 Blue Moon	White with Light Purple Splash	30cm	25cm	Moderate		○
F1 Red Eyes	Coral with Dark Eye	30cm	25cm	Moderate		○
F1 Merry Go Round Series						
Apricot	Apricot	60cm	45cm	High	○	
Grape	Grape Purple	70cm	45cm	High	○	
Lilac	Lilac Purple	70cm	45cm	High	○	
Purple	Rose Purple	70cm	45cm	High	○	
Red	Red	70cm	45cm	High	○	
White	White	70cm	45cm	High	○	

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 Speed	
				Very early	Early
All Double					
Standard Baby High Double Series					
Baby High Double Cream	Spray All Double	Cream	-	○	
Baby High Double White	Spray All Double	White	-	○	
Selectable					
Standard Baby Series					
Baby Apricot	Spray	Apricot	Difficult	○	
Baby Light Blue Blush	Spray	Light Blue		○	
Baby Blue	Spray	Blue	Difficult	○	
Baby Cherry	Spray	Cherry	Difficult	○	
Baby Clear Pink	Spray	Bright Pink		○	
Baby Marine	Spray	Bright Lavender	Difficult	○	
Baby Pink Blush	Spray	Pink	Difficult	○	
Baby Lovely Pink	Spray	Light Pink	Difficult	○	
Baby Yellow	Spray	Yellow	Difficult	○	
Baby Pink	Spray	Pink		○	
Baby Purple	Spray	Purple		○	
Baby Rainbow	Spray	Rainbow		○	
Baby Rose	Spray	Rose		○	
Baby White	Spray	White	Difficult	○	
Baby Cream	Spray	Cream	Difficult	○	
Baby Red	Spray	Red			○

Culture Schedule Type					
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



Blue



Light Blue Blush



Marine



Red



Rose



Pink



Clear Pink



Lovely Pink



Pink Blush



Rainbow



Apricot



Yellow



Cream



White



Helleborus sp.

Helleborus sp.

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

Peach Primadress



White Orchestra



Angellier



Double Fantasy



Elegance Flare Pink



Elegance Ice



Maple Chiffon



Black Pearl



Silvermoon



Petit-doll Aya



Petit-doll Shiori



Picotee





Helleborus sp. & Mirabilis jalapa

Characteristics of Helleborus sp.

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

Growing Speed : Indication of the plant vigor. Flower bud initiation requires a period of low temperatures and it differs by variety.

Mirabilis jalapa Double Tutu Series



Mirabilis is called Four O'clock Flower and flowers open from late afternoon and close next morning around 8 o'clock. Double Tutu series is appreciated even during the daytime because its calyces are colored as well and leaf color is attractive lime green.

Mirabilis Rose



Mirabilis Light Pink



Mirabilis Yellow



Mirabilis White Rose



Mirabilis White



Characteristics of Mirabilis for Pot

	Variety	Color	Flower Diameter	Flowering Speed		Garden Height	Branch
				Early	Middle		
NEW	Light Pink	Light Pink	3-4cm		○	80cm	4
NEW	Rose	Rose	3-4cm		○	80cm	4
NEW	White	White	3-4cm		○	80cm	3
NEW	White Rose	White with Rose spots	3-4cm		○	80cm	4
NEW	Yellow	Yellow	3-4cm		○	80cm	4

Branch 5 <-> Few 1

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 series : 2,000 raw seeds Arrangement : 2,000 raw seeds Others : 4,000 raw seeds
Brassica oleracea (Ornamental kale)	1,000 raw seeds
Calendula officinalis	25g (approx. 2,000 raw seeds)
Callistephus chinensis (Aster)	Selene series : 2,000 raw seeds Arrangement : 2,000 raw seeds Others : 4,000 raw seeds
Capsicum annum	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 Series : 2,000 raw seeds Durian & Parfait Series, Sylphid, Green Sango, Summer Lavender : 1,000 raw seeds Others : 1,000 raw seeds and 20,000 raw seeds
Centaurea	10g (approx. 2,300 raw seeds)
Cineraria (Pericallis × hybrid)	2,000 raw seeds
Cosmos	Afternoon White 30g (approx. 2,400 raw seeds), Pink Picotee 30g (approx. 3,500 raw seeds), Red Illusion 30g (approx. 4,600 raw seeds), Versailles 30g (approx. 4,600 raw seeds)
Dahlia	piece by tissue culture 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
Dianthus barbatus	piece by tissue culture plant
Didiscus caeruleus (Blue Lace Flower)	5g (approx. 1,400 raw seeds)
Eustoma grandiflorum (Lisianthus)	Chaconne Apricot & Purple, Chaconne Blush Blue & Pink, Nightingale, Vintage Blue Picotee, Pucchino Series : 1,000 pelleted seeds, Others : 3,000 pelleted seeds

Gypsophila	piece by tissue culture plant or Cuttings
Helleborus (Christmas Rose)	piece by tissue culture plant
Helianthus annuus	1,000 raw seeds
Iberis umbellata	10g (approx. 3,500 raw seeds)
Leather Leaf Fern (Rumohra adiantiformis)	piece by tissue culture plant
Lilium formolongo	1,000 raw seeds
Limonium chinensis	piece by tissue culture plant
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)	Chaconne Apricot & Purple, Chaconne Blush Blue & Pink, Nightingale, Vintage Blue Picotee, Pucchino Series : 1,000 pelleted seeds, Others : 3,000 pelleted seeds
Matthiola incana for pot flower	1,000 raw seeds
Mirabilis jalapa	500 raw seeds
Myosotis alpestris	1,000 raw seeds
Ornamental kale (Brassica oleracea)	1,000 raw seeds
Oxypetalum (Tweedia caerulea)	500 raw seeds
Pericallis × hybrid (Cineraria)	2,000 raw seeds
Rhodanthe manglesii	Maculata Rose : 50g (approx. 35,000 raw seeds), Maculata White : 100g (approx. 70,000 raw seeds)
Ricinus communis	50g (approx. 120 raw seeds)
Rumohra adiantiflorim (Leather Leaf Fern)	piece by tissue culture plant
Silene armeria	1,000 pelleted seeds
Snapdragon (Antirrhinum majus)	1,000 pelleted seeds
Statice	Smash Series : 1,000 seeds Others : piece by tissue culture 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)

New Lineup

Lisianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants

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 factors.
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.

Memo

New Lineup

Lisianthus

Limonium

Matthiola

Delphinium

Other Cut Flower

Pot & Bedding Plants



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