

syngenta flowers





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Legend

Restricted distribution
Phase contact year fungerial Powers representative



Improved Variety



New Variety / Series



Award Winner



Heat Lover



Pollinator Friendly

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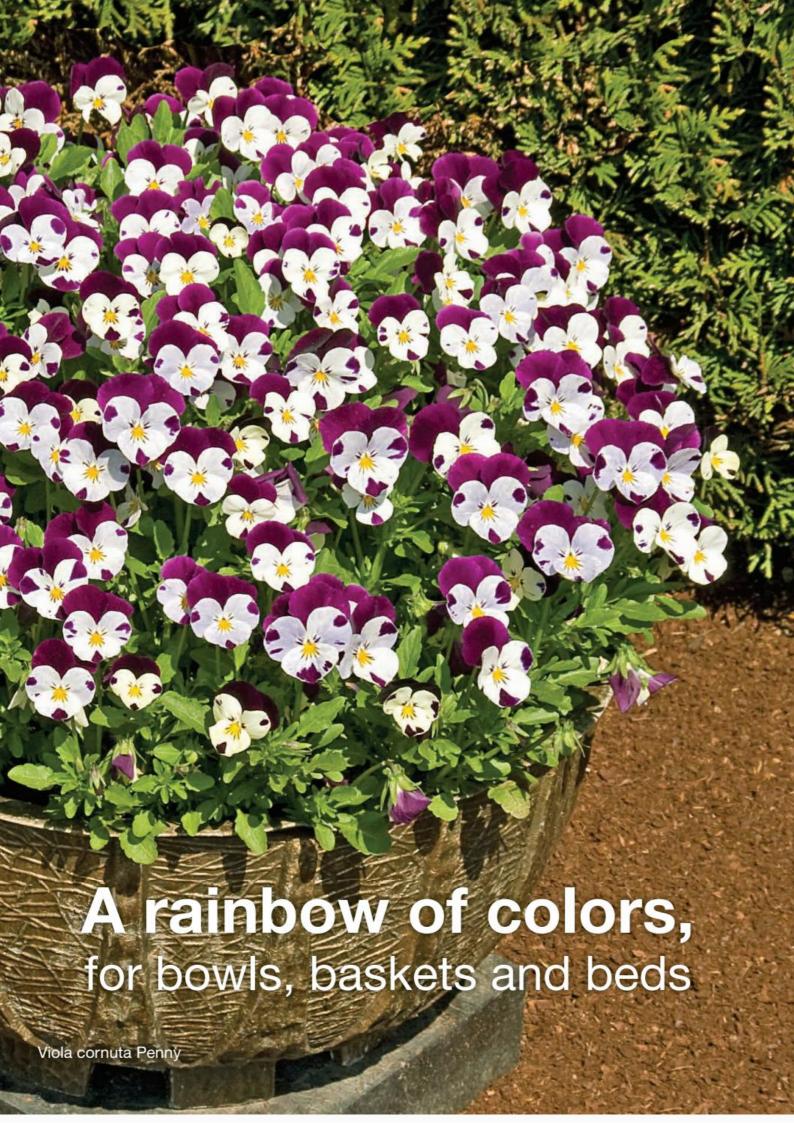






Catharanthus roseus (Vinca) Cora XDR

Zinnia elegans Uproar





Our latest news

Where to meet

March 23-27, 2019 California Spring Trials in Gilroy, USA.

April 20-22, 2019 IPM in Shanghai, China

April 29 - May 3, 2019 Spring Trials in Andijk, The Netherlands

June 11-14, 2019

Flower Trials in De Lier, The Netherlands

July 13-16, 2019

Cultivate, Columbus Ohio, USA

November 5-8, 2019

Autumn Trials in Andijk, The Netherlands

January 28-31, 2020 IPM Essen, Germany

March 28 - April 1, 2020

California Spring Trials in Gilroy, USA



Digital catalogues

If you are looking for more details on our broad and innovative Cyclamen assortment, please take a look at our catalogue dedicated to Cyclamen. You find this catalogue and our other publications on our website: www.syngentaflowers.eu under the section 'Wholesale/Business International'.



Hi-res pictures available at all times

All our hi-res pictures are freely available to download from our online picture library whenever you need them. Simply access the library from our website Syngentaflowers.eu under the section 'Sales support'.

New website and online features

Have you noticed we've given our website a refresh? Visit us on Syngentaflowers.eu and discover all our new online services. This is just a start and more features will be added throughout the year.



New & Improved varieties 2019

annuals			pot plants			perennials		
Begonia semperflorens Bada Bing Scarlet Imp.	Imp.	21	Cyclamen persicum SeeWhy Scarlet Imp. Pink	Imp.	92	Aubrieta Hybrida Audrey Light Blue Imp.	Imp.	142
Begonia x Hybrida		26	FILIK	INEW		Lavandula stoechas		155
Tophat Rose Bicolor42	New		Midori Synchro Scarlet	New		Violeta XL Purple	New	
10011000 20000142	14011		Pink Imp.	Imp.		violota AL i di pio	14041	
Catharanthus roseus (Vinc	ca)	28				Primula veris		159
Cora XDR White	New		Snowridge Mini Purple Imp.	Imp.		Cabrillo Yellow Compact	New	
Polka Dot	New		, ,					
Pink	New		Laser Synchro White Imp.	Imp.				
Pink Halo	New							
Deep Strawberry	New		Rainier White Imp.	Imp.				
Hotgenta	New		Pink Imp.	Imp.				
Cranberry	New							
Orchid	New		Winterice White Imp.	Imp.				
Mix	New							
			Rosie Rosa	New				
Helianthus annuus Sunfinity		40	Salmon Sammy	New				
Yellow Dark Center	New		Gerbera jamesonii Bengal White with Eye	New	107			
Impatiens walleriana		42						
Imara White	New							
Rose Imp.	New							
Salmon Orange	New							
Orange Imp.	New							
Orange Star	New		biennials					
Red Imp.	New		Dieririlais					
Violet	New		Danuardus salations		440			
Purple	New		Ranunculus asiaticus	Imm	119			
Mix	New		Magic Yellow Imp.	Imp.				
Pelargonium x hortorum			Mache Fire	New				
(Geranium)		50						
Maverick Orange Imp.	Imp.		Viola cornuta Deltini Yellow Jump Up	New	123			
Petunia grandiflora		59						
Tritunia White Imp.	Imp.		Viola x wittrockiana		128			
Fresh White	New		Delta Lavender Shades	New				
Purple	New		Fino Clear White	New				
Petunia multiflora		64	Light Blue	New				
Damask Rose Imp.	Imp.							
Darridsk i 103e ii 11p.	mip.		Delta Speedy					
Petunia pendula		67	Deep Blue with Blotch	New				
Skybox Rose Star	New		Frost	New				
			Purple	New				
Tagetes erecta (Marigold)			Rose Medley	New				
Inca II Deep Orange	New		True Blue	New				
Tall Constitution of the Constitution			Violet and White	New				
Verbena Hybrida		79	White	New				
Obsession Cascade			Yellow	New				
Burgundy Twister	New		Yellow and Purple	New				
Tuscany Blue Imp.	Imp.		Yellow with Blotch	New				
			Mix	New				



Grow your success with our Snapdragon

Snapdragon at-a-glance

	Pot size	Height	Crop Time after potting	Special notes
Snaptini	pack/8-10 cm	15-20 cm	7-9 weeks	Standard compact pack type
Snaptastic	pack/9-12 cm	25-30 cm	8-10 weeks	Intermediate type
Arrow	12-15 cm	40-45 cm	9-11 weeks	Early flowering tall type
Liberty Classic	12-17 cm	45-55 cm	12-13 weeks	Standard tall type
Madame Butterfly	12-15 cm	45-55 cm	10-14 weeks	Semi-double flowers
Overture	Not applicable	>100 cm	12-17 weeks	Professional Cutflower type
Opus	Not applicable	>100 cm	10-14 weeks	Professional Cutflower type

Snaptini

Antirrhinum majus (Snapdragon)

The new dwarf Snaptini is distinct from other series by being the most day length neutral series in the market. Strong main stem, very good basal branching and available in a range of strong colors. Snaptini is replacing the well-known Montego series.

Germination rate	80%
Product form	Raw, Pellet
Pot size	Pack / 8 - 10 cm
PGR	If needed
Crop time after potting	7 - 9 weeks
Finished plant shipping month	March - September
Plant height	15 - 20 cm







70075984 White



70048627 Yellow



70048629 Sunglow



70048631 Scarlet



70048632 Red



70075985 Rose Bicolor



70048638 Violet



70048634 Burgundy Bicolor



70074492 Mix

Snaptastic

Antirrhinum majus (Snapdragon)

Vigorous yet compact, Snaptastic opens a new class of premium, intermediate bedding snaps in between dwarfs and standard tall types.

 Germination rate
 85% Raw, 80% Peleted

 Product form
 Raw, Pelleted

 Pot size
 pack/9-12 cm

 PGR
 If needed

 Crop time after potting
 8-11 weeks

 Finished plant shipping month
 March-September

 Plant height
 20-25 cm













Arrow

Antirrhinum majus (Snapdragon)

Earliest flowering tall series, flowers also under short day conditions. Versatile—adapts to production in jumbo packs or larger containers depending on retail needs.

Germination rate	80% Raw
Product form	Raw
Pot size	12-15 cm
PGR	Yes
Crop time after potting	9-11 weeks
Finished plant shipping month	March-September
Plant height	40-45 cm





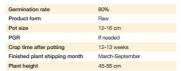


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Liberty Classic - Tall type

Antirrhinum majus (Snapdragon)

The standard tall Snapdragon for landscape use in borders and cut flower gardens.















Madame Butterfly-Tall type

Antirrhinum majus (Snapdragon)

Madame Butterfly is a mixture of tall, doubleazalea flower types with extra-large flowers, providing fuller and more graceful flower spikes.

Germination rate	80%	
Product form	Raw	
Pot size	12-16 cm	
PGR	If needed	
Crop time after potting	12-13 weeks	
Finished plant shipping month	March-September	
Plant height	45-55 cm	





70017984 Mix

Overture II - Cutflowers

Antirrhinum majus (Snapdragon)

Professional cut flower for cold growing under short days and low light conditions.

Germination rate	85%	
Product form	Raw	
Pot size	In field	
PGR	No	
Crop time after potting	12-17 weeks	
Note	Cutflower	
Plant height	>100 cm	













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Opus III/IV - Cutflowers

Antirrhinum majus (Snapdragon)

The preferred professional Cutflower type with extra-long stems for late-Spring, Summer and early-Fall production.

Germination rate	85%	
Product form	Raw	
Pot size	In field	
PGR	No	
Crop time after potting	10-14 weeks	
Note	Cutflower	
Plant height	>100 cm	





70018060 Early White





70018063 Pink



70018071White



70018065 Appleblossom



70018064 Yellow



70018062 Lavender



70018069 Red



Topspin

Restricted distribution

Begonia semperflorens

Garden performance great in sun and shade.

Germination rate	85%
Product form	Pellet/Raw
Pot size	Pack / 8-10 cm
PGR	No
Crop time after potting	6-8 weeks
Finished plant shipping month	March-June
Plant height	20-25 cm









70054592 Pink



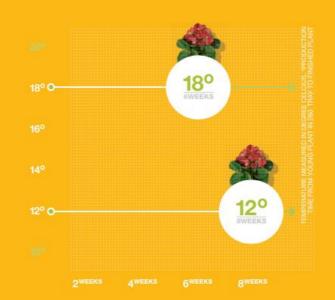
70058992 Rose



70069588 Mix



The right begonia. Always.



YOUR BENEFIT

Topspin's innovative cold tolerance lets you plan and produce more efficiently, while reducing waste at the same time. That's how you save time, money and effort.

Worry-free production – that's our promise.

Bada Bing - green leaves

Begonia semperflorens



70040712 Bada Bing White



70018269 Bada Bing Rose Bicolor



Begonia semperflorens

Bada Boom - bronze leaves

70018259 Bada Boom White



70018271 Bada Boom Rose Bicolor



70018251 Bada Bing Pink



70018249 Bada Bing Rose



70018245 Bada Boom Pink



70040718 Bada Boom Rose



70071001 Bada Bing Scarlet Imp.



70018267 Bada Bing Mix



70018246 Bada Boom Scarlet



70018268 Bada Boom Mix

Bada Bing (Green leaved) and Bada Boom (Bronze leaved) are both very early, uniform series for use in packs and small pots.

Germination rate	85%
Product form	Pellet/Raw
Pot size	Pack / 8-10 cm
PGR	No
Crop time after potting	6-8 weeks
Finished plant shipping month	March-June
Plant height	20-25 cm
Note	Garden performance great in sun and shade



70018253 Bada Total Mix

Eureka - green leaves

Begonia semperflorens















Very free flowering combined with best field performance of a compact Begonia. Very strong branching and tolerant to adverse conditions make this the best choice for landscaping and graveyard plantings.

Germination rate	85%
Product form	Pellet/Raw
Pot size	9-11 cm
PGR	No
Crop time after potting	7-9 weeks
Finished plant shipping month	March-June
Plant height	20-25 cm
Note	Garden performance great in

Begonia semperflorens









Begonia semperflorens

Voluminous plants with extra-large flowers that still keep the nice round shape all season long.

Germination rate	85%
Product form	Pellet/Raw
Pot size	10-12 cm
PGR	No
Crop time after potting	6-8 weeks
Finished plant shipping month	March-June
Plant height	25-30 cm
Note	Garden performance great in sun and shade







Begonia x Hybrida

Unique choice among our Heat Lovers. Color intensifies if grown outside. Grows also at low temperatures.

Germination rate	85%	
Product form	Pellet	
Pot size	12-16 cm	
PGR	No	
Crop time after potting	9-12 weeks	
Finished plant shipping month	March-June	
Plant height	40-60 cm	





70001169 Rose Bicolor

Begonia x Hybrida

Tophat is THE new vigorous growing Begonia with extra large flowers for landscaping and large containers. Up to 2 weeks earlier flowering with larger flowers and much better branching than competition. Only series offering White flowers, next to Scarlet and Pink.

Germination rate	85%	
Product form	Pellet/Raw	
Pot size	12 - 17 cm	
PGR	If needed	
Crop time after potting	6 - 8 weeks	
Finished plant shipping month	February - June	
Plant height	40 - 50 cm	









Go-Go

Begonia tuberhybrida

Ideal for the high quality pot segment with large fle plants that fill 10,5 cm pots and larger.

Germination rate	85%
Germination rate	6076
Product form	Pellet
Pot size	10-14 cm
PGR	If needed
Crop time after potting	9-12 weeks
Finished plant shipping month	March-June
Plant height	25-30 cm













Cora XDR

Catharanthus roseus (Vinca)

Cora XDR stands for eXtra Disease Resistance:
The next generation in disease resistance. Eest in class genetic performance under Phytophthora disease pressure. Resistance is proven in field and laboratory tests by independent institutions in the US. Cora XDR replaces Cora color by color.

NEW

Germination rate	90%	
Product form	Raw	
Pot size	10-12 cm	
PGR	If needed	
Crop time after potting	8-11 weeks	
Finished plant shipping month	April-September	
Plant height	25-35 cm	





Catharanthus roseus (Vinca)

Worldwide proven aerial Phytophthora tolerance makes this large flowering unique hybrid the 1st choice in the sun! Cora will be upgraded color by color with Cora XDR, which is the next generation with an even stronger disease resistance.

Germination rate	90%
Product form	Raw
Pot size	10-12 cm
PGR	If needed
Crop time after potting	8-11 weeks
Finished plant shipping month	April-September
Plant height	25-35 cm





































Catharanthus roseus (Vinca)

Proven Phytophthora tolerance crossed into vigorous trailing plants with huge flowers ideal for hanging baskets and balcony plantings.

Pot size 10-12 cm / Blasket / Container PGR If needed
Crop time after potting 8-11 Weeks
Finished plant shipping month April-September
Plant height 20-25 cm but spread 50-60 cm



Catharanthus roseus (Vinca)

SunStorm® is a compact, early flowering, uniform, very well branching Vinca for high density production in packs and small pots.

Germination rate	85%	
Product form	Raw	
Pot size	Pack / 9-11 cm	
PGR	No	
Crop time after potting	8-11 weeks	
Finished plant shipping month	April-September	
Plant height	20-25 cm	



































Cleome hassleriana (spinosa)

Mid-tall plants with thomy stems provide structure in landscape plantings and deter pets from rummaging in flower beds. Sparkler was a huge success at the Olympic Games Beijing!

Germination rate	75%
Product form	Primed
Pot size	14-18 cm
PGR	Yes
Crop time after potting	10-12 weeks
Finished plant shipping month	April-June
Plant height	60-90 cm













70018910 Lavender

70036333 Violet

Cuphea llavea

First Cuphea from seed in separate colors. Premium product that brings new flower shapes to the market. Heat and drought tolerant plants for larger pots.

Germination rate	90%
Product form	Raw
Pot size	10-14 cm
PGR	Yes
Crop time after potting	8-11 weeks
Finished plant shipping month	April-June
Plant height	30-40







Dahlia x Hybrida

Attractive and popular bedding plant with a wide range of flower types for borders, pots and baskets. Fresco is double flowered, compact, uniform and early flowering.

			-		Su
Germination rate	70%		# 1	1 A 1 S	
Product form	Coated	- 40	7.4		
Pot size	Pack / 9-12 cm		A STATE OF THE PARTY OF	X W	7/10
PGR	If needed	The same of the sa			
Crop time after potting	7-9 weeks	MIN.			THE RESERVE OF THE PARTY OF THE
Finished plant shipping month	March-May				
Plant height	20-25 cm	SENIA!	8		1
				1	
		7	A VE	A COMPANY	
				ZA	
				Path.	
					70001039
					Formula Mix

Dahlia x Hybrida

This collarette type Dahlia has become the choice of growers for its dwarf habit and semi-double flowers; but its simple beauty is what keeps consumers coming back.

Germination rate	70%	
Product form	Coated	AST COMMENTS
Pot size	9-12 cm	
PGR	if needed	
Crop time after potting	6-8 weeks	
Finished plant shipping month	March-May	
Plant height	25-30 cm	
		70001040 Formula Mix
		Formula MIX

Dianthus chinensis

Large, showy, bicolor flowers drive early-Spring retail traffic.

Germination rate	85%
Product form	Pellet
Pot size	9-11 cm
PGR	Yes
Crop time after potting	9-11 weeks
Finished plant shipping month	March-June
Plant height	20-25 cm











Venti Parfait Dianthus chinensis

Super large flowers - unique on the market!

Germination rate Product form Pot size PGR 9-11 cm Yes 9-11 weeks Crop time after potting
Finished plant shipping month March-June



Charms

Dianthus chinensis

Great for garden beds and container plantings. Large showy scarlet flowers on compact plants with outstanding retail appeal.

Germination rate	85%
Product form	Pellet
Pot size	9-11 cm
PGR	If needed
Crop time after potting	9-11 weeks
Finished plant shipping month	March-June
Plant height	20-25 cm
Plant neight	20-25 cm



Diabunda[®]

Dianthus x barbatus

Finally, a Sweet William look-a-like with early, uniform flowering and a compact habit. Use of PGR's in the early stage is recommended.

Germination rate	85%	
Product form	Pellet	
Pot size	11-14 cm	
PGR	Yes	
Crop time after potting	8-10 weeks	
Finished plant shipping month	February-July	
Plant height	25-30 cm	















Gazania rigens

Super-sized flowers on vigorous plants.

Germination rate
Product form
Pot size
PGR
Crop time after potting
Finished plant shipping month
Plant height 90% Raw 10-14 cm If needed 10-12 weeks February-June 25-30 cm







Gazania rigens

Multiple large blooms on tightly upright plants work perfectly in a premium quality program.

Germination rate	90%
Product form	Raw
Pot size	Pack / 9-12 cm
PGR	No
Crop time after potting	8-10 weeks
Finished plant shipping month	February-June
Plant height	20-25 cm
Note	Best performing in the sun



























Frosty Kiss

Gazania rigens

Frosty Kiss is the earliest flowering, most uniform series with silver leaves on the market. Suitable for 9 to 12 cm pots with a nice contrast between flower and leaf color.

90%
Raw
Pack / 9-12 cm
No
8-10 weeks
February-June
20-25 cn





Gazania rigens

Gazoo* distinguishes itself from other Gazanias with very large flowers, 12-14 cm across, strong flower stems and a vigorous plant habit. The flowers open up under lower light conditions, showing exceptionally strong color for a long period.

Germination rate	90%
Product form	Raw
Pot size	12-14 cm
PGR	If needed
Crop time after potting	10-13 weeks
Finished plant shipping month	February-June
Plant height	25-30 cm
Note	Best performing in the sun

























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Sunfinity[®]

NEW

Restricted distribution

Helianthus annuus

This patent pending interspecific Sunflower revolutionizes the Helianthus class by providing season-long flowering in both the garden and patio containers, unlike traditional pot and garden Sunflowers that flower once and then die. In addition to non-stop color in the garden, consumers can cut and bring flowers into their homes for added enjoyment.

Germination rate	85%
Product form	Raw, Coated
Pot size	20 cm and bigger
PGR	Yes
Crop time after potting	7-9 weeks
Finished plant shipping month	April-September
Plant height	40-70 cm









Impatiens at-a-glance

	Species	Pot size	Habit	Height	Crop Time after potting
Imara®	Impatiens walleriana	Pack / 9-11 cm	Upright and spreading	20-25 cm	8-9 weeks
Xtreme	Impatiens walleriana	Pack / 9-11 cm	Upright and spreading	15-20 cm	7-8 weeks
Accent Premium	Impatiens walleriana	Pack / 9-11 cm	Upright and spreading	20-25 cm	7-8 weeks
Accent	Impatiens walleriana	Pack / 9-11 cm	Upright and spreading	20-25 cm	8-9 weeks
Florific®	Impatiens hawkeri	11-14 cm	Upright	25-30 cm	8-12 weeks

Note

NEW

Impatiens walleriana

Imara is a complete new generation of Impatiens walleriana that brings the gardeners favorite back. Imara® is stronger and more resistant to Downey Mildew than any other variety, resulting in plants that keep on flowering till the end of the season. The vigorous plants have an outstanding garden performance. Sun or shade, rain or shine, it is guaranteed to flourish in home gardens and parks.

95% Product form
Pot size Raw Pack / 9-11 cm PGR Crop time after potting Plant height If needed 7-9 weeks 20-25 cm Finished plant shi March-July







Natural attack of Downey Mildew in a trial in the United Kingdom. Infection started end of July and already in August the effect of the highly resistant Imara is clear!



Impatiens walleriana

Xtreme is genetically compact, very well branching and offers a wide range of colors.

Germination rate
Product form Raw Pot size Pack / 9-11 cm PGR No Crop time after potting Finished plant shipping month March-July Plant height 15-20 cm Garden performance great in sun and shade

























Accent Premium

Impatiens walleriana

The next generation of large flowered, uniform Busy Lizzy. The series of choice when large, high-quality blooms and strong garden vigor matter most.

Germination rate	95%
Product form	Raw
Pot size	Pack / 9-11 cm
PGR	No
Crop time after potting	6-8 weeks
Finished plant shipping month	March-July
Plant height	20-25 cm
Note	Garden performance great in



Accent

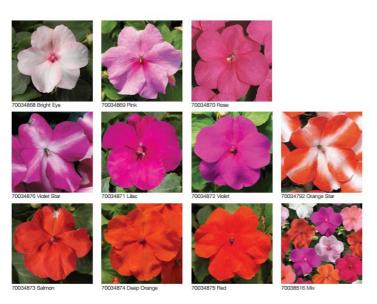
Impatiens walleriana

Range of special colors, fitting well to the Accent Premium range.

Germination rate	95%		
Product form	Raw		
Pot size	Pack / 9-11 cm		
PGR	If needed		
Crop time after potting	7-9 weeks		
Finished plant shipping month	March-July		
Plant height	20-25 cm		
Note	Garden performance great in		



70002765 Star Mix





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Impatiens hawkeri

This New Guinea Impatiens sets the new standard for uniformity and economical high density production from seed. Strong branching plants can be grown at lower temperatures for superior quality in 12 cm pots and larger. Can also be used as an indoor plant.

Germination rate	85%
Product form	Raw
Pot size	11-14 cm
PGR	If needed
Crop time after potting	8-12 weeks
Finished plant shipping month	April-September
Plant height	25-30 cm
Note	Best performing in the shade















Starshine

Laurentia axillaris

A great alternative to cuttings. Starshine works ideal in baskets or as a component in premium mixed containers.

Germination rate	85%
Product form	Multipill
Pot size	12-14 cm / hanging basket
PGR	If needed
Crop time after potting	10-11 weeks
Finished plant shipping month	March-June
Plant height	25-30 cm



Nicotiana alata

Eye-catching flowers for use in sunny or shaded garden beds and as accent plants in combo's.

Germination rate	85%	
Product form	Pellet	
Pot size	Pack / 9-12 cm	
PGR	If needed	
Crop time after potting	7-9 weeks	
Finished plant shipping month	April-July	
Plant height	25-30 cm	













70002851 Red

Asti

Osteospermum ecklonis

The first Osteospermum from seeds available in separate colors. Great alternative for cuttings.

Germination rate	85%	
Product form	Raw	
Pot size	11-13 cm	
PGR	Yes	
Crop time after potting	12-14 weeks	
Finished plant shipping month	March-May	
Plant height	25-40 cm	



70007847 Purple



70007848 White



70041361 Purple Bicolor



70019997 Lavender Shades



70019998 Mix



Grow your success with our Pelargonium

Pelargonium at-a-glance

	Species	Habit	Height	Pot size	Crop Time after potting	Special notes
Tornado®	Pelargonium peltatum	trailing	20-25 cm	11-13 cm / hanging basket	9-11 weeks	Can be grown without PGR's or pinching
Multibloom	Pelargonium x hortorum	upright	25-30 cm	Pack, 10-12 cm	8-10 weeks	Most compact type suitable for large packs or small pots
Ringo® 2000	Pelargonium x hortorum	upright	30-35 cm	10-12 cm	9-11 weeks	Compact growing standard type
BullsEye	Pelargonium x hortorum	upright	30-35 cm	10-13 cm	10-12 weeks	Dark center zones provide eye catching contrast for unique retail offers
Pinto Premium	Pelargonium x hortorum	upright	30-35 cm	10-13 cm	10-12 weeks	Premium branching type for mid-size pots
Maverick	Pelargonium x hortorum	upright	35-40 cm	11-14 cm	10-12 weeks	Most vigorous type for larger pots



Maverick

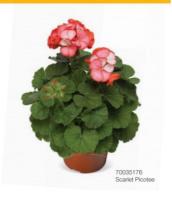
Pelargonium x hortorum (Geranium)

Vigorous plants with large flowers in a wide color range make this series ideal for mid to large premium pots.

Germination rate	90%
Product form	Coated
Pot size	11-14 cm
PGR	Yes
Crop time after potting	10-12 weeks
Finished plant shipping month	March-June
Plant height	35-40 cm





















Pelargonium x hortorum (Geranium)

Early, uniform and programmable flowering on very well-branched plants make Pinto Premium the quality choice for high density production in mid size pots.

Germination rate	90%	
Product form	Coated	
Pot size	10-12 cm	
PGR	Yes	
Crop time after potting	10-12 weeks	
Finished plant shipping month	March-June	
Plant height	30-35 cm	













70035021 White to Rose













Pelargonium x hortorum (Geranium)

Chocolate colored leaves contrast with bright flower colors to make unique retail offers and provide novel interest in garden beds and mixed planters.

Germination rate
Product form
Pot size
PGR
Crop time after potting
Finished plant shipping month
Plant height 90% Coated 10-12 cm 10-12 weeks March-June 30-35 cm



Pelargonium x hortorum (Geranium)

Very early flowering and a compact plant habit make Ringo® 2000 ideal for high density production timed for early season retail promotions.

Germination rate	90%	
Product form	Coated	
Pot size	10-12 cm	
PGR	Yes	
Crop time after potting	9-11 weeks	
Finished plant shipping month	March-June	
Plant height	30-35 cm	

























Multibloom 🚇



Pelargonium x hortorum (Geranium)

Earliest flowering Geranium available. Perfect for packs or small pots. Countless flowers on compact plants result in garden beds covered in color!

Germination rate	90%
Product form	Coated
Pot size	Pack / 10-12 cm
PGR	If needed
Crop time after potting	8-10 weeks
Finished plant shipping month	March-June
Plant height	25 20 am



Pelargonium peltatum (Geranium)

Easy to produce Trailing Geranium. Super branching plants require no pinch and little to no PGRs to make beautiful baskets and balcony planters.

Germination rate	85%
Product form	Coated
Pot size	11-13 cm/ hanging basket
PGR	If needed
Crop time after potting	9-11 weeks
Finished plant shipping month	March-June
Plant height	20-25 cm



70000778 Carmine

























Pentas lanceolata

Compact heat lover ideal for packs and small pots. Very early flowering with high uniformity. Flowers held on top of the follage for high impact at retail and in the garden.

Pot size PGR 10-12 cm / Pack If needed 9-10 weeks Crop time after potting Finished plant shipping month Plant height March-June 35-40 cm















70052740 Red



Pentas lanceolata

Vigorous heat lover ideal for pots and filling large garden beds. Earlier flowering and more uniform than others in this class. Large, showy flower umbels are held on top of the plants.

Germination rate	85%	
Product form	Pellet	
Pot size	10-15 cm	
PGR	If needed	
Crop time after potting	9-10 weeks	
Finished plant shipping month	March-June	
Plant height	25-30 cm	
		0















Petunia at-a-glance

	Species	Habit	Height	Flower Size	Crop Time after potting	Special notes
Duvet®	Petunia grandiflora	upright	15-20 cm	Large	6-8 weeks	Genetically compact, good garden vigor
Tritunia	Petunia grandiflora	upright	20-25 cm	Large	7-9 weeks	Standard for packs and small pots
Frost	Petunia grandiflora	upright	25-30 cm	Large	7-9 weeks	Unique picotee flowers
Damask®	Petunia multiflora	upright	15-20 cm	Medium-Large	6-8 weeks	Genetically compact, good garden vigor
Hurrah®	Petunia multiflora	upright	20-30 cm	Medium-Large	7-9 weeks	Standard for packs and small pots
Picobella	Petunia milliflora	upright	20-25 cm	Small	6-8 weeks	Mini flowers on mini plants for packs and small pots
Picobella Cascade	Petunia milliflora	mounding	20-30 cm	Small	8-10 weeks	Unique mounding type with mini flowers for hanging baskets and combinations
Plush®	Petunia pendula	trailing	25-30 cm	Large	8-10 weeks	Trailing for early season flowering
Ramblin'	Petunia pendula	trailing	25-35 cm	Large	9-11 weeks	Trailing with great garden vigor
Skybox	Petunia pendula	trailing	25-35 cm	Extra large	9-11 weeks	A new class of large-flowered spreading Petunias

Grow your success with our Petunia

Tritunia

Petunia grandiflora

Simplified production and planning with our selection of the best matched and best performing varieties from the Bravo®, Ultra and Storm series. Large flowers on well branched, upright plants.

Germination rate	Main solid colors: Raw:90% - Pellet: 85% / Star & Veined colors & Sky Blue: Raw: 85% - Pellet: 80%
Product form	Raw, Pellet
Pot size	9-11 cm / Pack
PGR	Yes
Crop time after potting	7-9 weeks
Finished plant shipping month	March-July
Plant height	20-25 cm
Plant height	20-25 cm





70007924 Fresh White



70037057 Pink Veined



70065679 Pink Morn



70065685 Pink



70065674 Salmon Veined



70065678 Plum



70040996 Salmon



70065684 Sky Blue



70065676 Blue Veined



70065666 Lavender



70065670 Rose



70000762 Purple



70065680 Violet



70065664 Blue



70065673 Red



70065667 Burgundy



70065671 Rose Star



70065681 Crimson Star



70065668 Blue Star



70065677 Purple Star



70065669 Red Star



70067444 Uni Mix



70065665 Veined Mix



70065675 Mix



70065672 Star Mix

Frost

Petunia grandiflora

The white picotee edge of Frost provides a striking contrast with solid colors on each flower. It makes magificent, eye-catching displays at retail in containers and in garden beds.

Germination rate	90% Raw, 85% Pellet	
Product form	Raw, pellet	
Pot size	9-11 cm / Pack	
PGR	Yes	
Crop time after potting	7-9 weeks	
Finished plant shipping month	March-July	
Plant height	25-30 cm	



70020243 Miv

Hurrah®

Petunia multiflora

Hurrah® Petunias are the F1 hybrid multifloras with the grandiflora attitude! Their earliness; tight bloom window and uniformity provide the ease you need in Petunia production. All colors in the series bloom within 3 to 5 days, so they can be shipped at once. Hurrah® displays an excellent garden performance and a fast recovery from rain.

Germination rate	85%	
Product form	Raw, pellet	
Pot size	8-10 cm / Pack	
PGR	Yes	
Crop time after potting	7-9 weeks	
Finished plant shipping month	March-July	
Plant height	25-30 cm	





0020235 Cherry







7000724 White





70008994 Plum



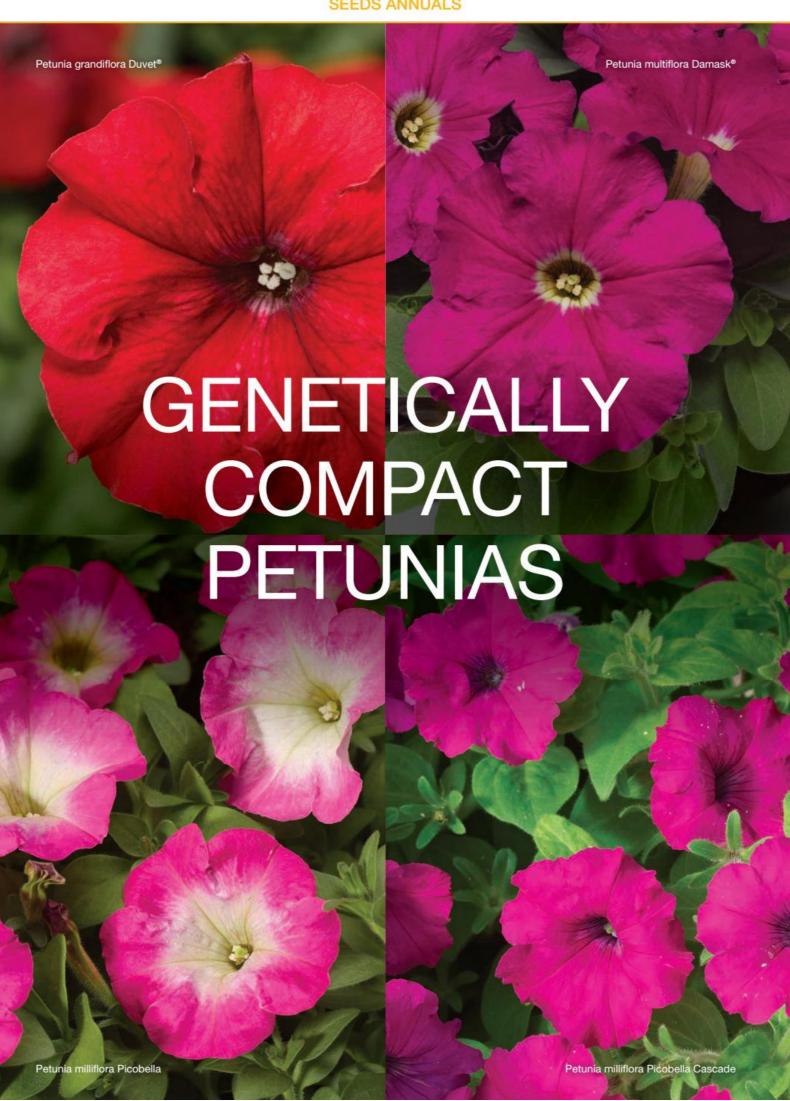








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Duvet®

Petunia grandiflora

The next generation of genetic compact large flowered Petunias for packs and small pots. Excellent Garden performance!

Germination rate	85%
Product form	Pellet
Pot size	8-10 cm / Pack
PGR	No
Crop time after potting	6-8 weeks
Finished plant shipping month	March-July
Plant height	15-20 cm





70040988 White



70059297 Burgundy



70040985 Salmon



70040974 Blue



70040978 Pink



70061917 North Mix



70048780 Mix

Petunia multiflora

The most uniform, genetic compact multiflora Petunia. Early and very free flowering with excellent garden vigor. Suitable for packs and pots.

Germination rate	85%	
Product form	Pellet	
Pot size	8-10 cm / Pack	
PGR	No	
Crop time after potting	6-8 weeks	
Finished plant shipping month	March-July	
Plant height	15-20 cm	



Picobella

Petunia milliflora

Unique patented miniature flowers offer a special addition to the Spring retail mix. Easy and economical to grow without the use of PGR's, delivering high color impact in borders, beds and mixed containers.

Germination rate	85%
Product form	Pellet
Pot size	8-11 cm / Pack
PGR	No
Crop time after potting	6-8 weeks
Finished plant shipping month	March-July
Plant height	20-25 cm



















Petunia milliflora

Densely branched and spreading habit, combined with dainty flowers all over the plant, make Picobella Cascade perfectly suited for the premium basket and jumbo pack segments.

Germination rate	85%
Product form	Pellet
Pot size	10-13 cm / hanging basket
PGR	No
Crop time after potting	8-10 weeks
Finished plant shipping month	March-July



70041033 Purple

















Skybox

Petunia pendula

Greatness is on the Horizon and it comes from seed. A new class of large-flowered spreading petunias. For high-impact pots and hanging baskets.

Germination rate	85%	
Product form	Pellet	
Pot size	11-13 cm / Basket	
PGR	Yes	
Crop time after potting	9-11 weeks	
Finished plant shipping month	March-July	
Plant height	25-35 cm	





Petunia pendula

Ramblin' Trailing Petunia offers more efficient production and flexibility in marketing to drive profitable retail programs. Early flowering , strong garden vigor and great uniformity in series.

Germination rate	85%	
Product form	Pellet	
Pot size	11-13 cm / Basket	
PGR	Yes	
Crop time after potting	9-11 weeks	
Finished plant shipping month	March-July	
Plant height	25-35 cm	























Petunia pendula

Plush is the earliest trailing petunia from seed, since it is less day-length sensitive than others in this class. It is ideal for early season production and has a medium spreading habit that is perfect for 10.5 cm pots and hanging baskets.

Germination rate	85%
Product form	Pellet
Pot size	10,5-13 cm / Basket
PGR	Yes
Crop time after potting	8-10 weeks
Finished plant shipping month	March-July
Plant height	25-30 cm













Salvia splendens

Flamex[®] 2000 is an ideal pot item, bearing intense scarlet-red flowers over dark green foliage. Early and well branched. Excellent garden performer.

Germination rate	85%
Product form	Raw
Pot size	Pack / 8-10 cm
PGR	No
Crop time after potting	7-9 weeks
Finished plant shipping month	March-July
Plant height	25-30 cm



Salvia splendens

Day-length neutral Salsa offers multiple quick turns per and its compact habit is ideal for packs and small pots.

Germination rate	85%	
Product form	Raw	
Pot size	Pack / 8-10 cm	
PGR	No	
Crop time after potting	6-8 weeks	
Finished plant shipping month	March-July	
Plant height	20-25 cm	











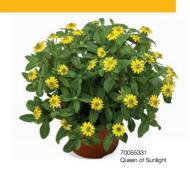




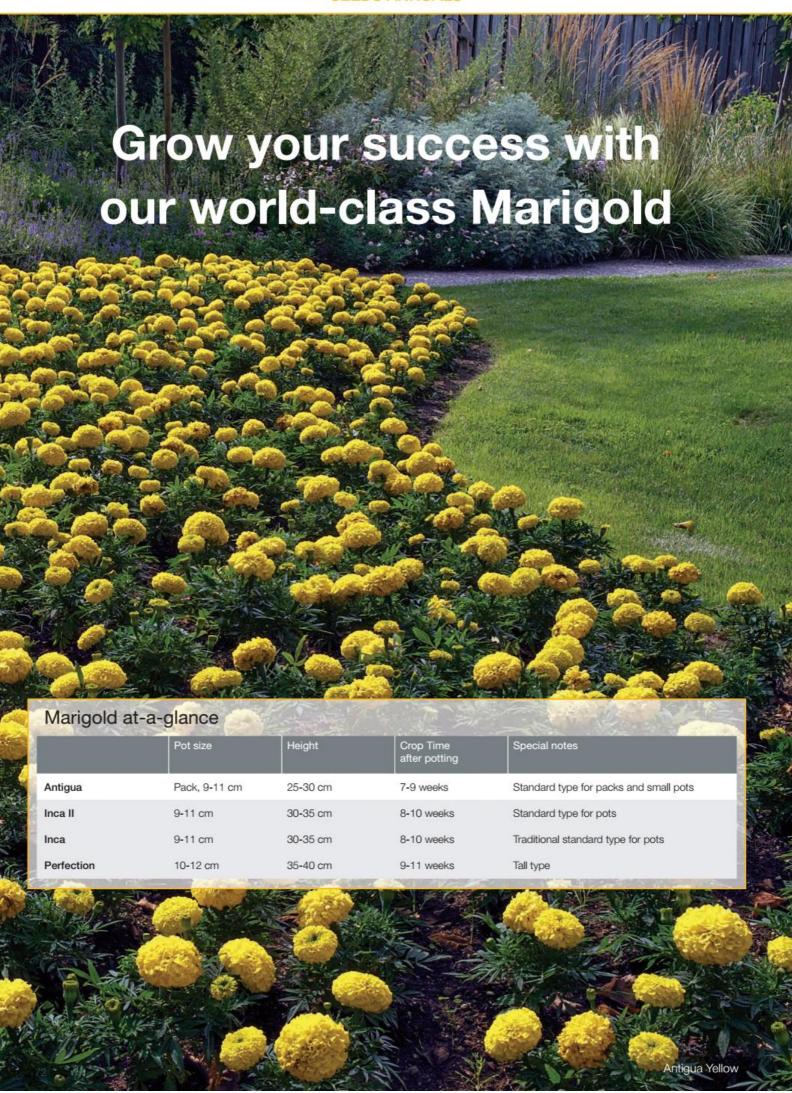
Sanvitalia speciosa

Heavily branching, uniform and compact with masses of flowers make this seed raised Sanvitalia a true alternative to cuttings.

Germination rate	85%	
Product form	Raw	
Pot size	9-11 cm	
PGR	If needed	
Crop time after potting	6-8 weeks	
Finished plant shipping month	April-July	
Plant height	20-25 cm	







Antigua

Tagetes erecta (Marigold)

Antigua is early, uniform and compact and therefore ideal for high density cultures. Less day-length sensitivity makes Antigua easy to schedule and grow.

Germination rate	85%
Product form	Detailed, coated
Pot size	Pack, 9-11 cm
PGR	If needed
Crop time after potting	7-9 weeks
Finished plant shipping month	March-July
Plant height	25-30







70000563 Primrose







70000562 Gold

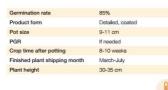


70020845 Mix



Tagetes erecta (Marigold)

Inca II is an intermediate type Marigold with very early flowering and less day length sensitivity. It achieves a medium height in the garden and performs well even in hot conditions.







Tagetes erecta (Marigold)

The leading variety for the pot and bedding plant market in South East Asia. Well known for the high quality flowers, good germination, the large flower production and the strong stems. Inca is the most disease tolerant series, which is experienced especially under adverse wealther conditions. Your best choice for a successful production! Available in Orange and Yellow.

Germination rate	85%	
Product form	Detailed, coated	
Pot size	9-11 cm	
PGR	If needed	
Crop time after potting	8-10 weeks	
Finished plant shipping month	March-July	
Plant height	30-35 cm	



70017878 Orange















Tagetes erecta (Marigold)

Perfection is the landscaper's Marigold of choice for color and height in the garden. It can make hedges up to 75 cm tall covered with fully double flowers.

Germination rate	85%	
Product form	Detailed, coated	
Pot size	10-12 cm	
PGR	If needed	
Crop time after potting	9-11 weeks	
Finished plant shipping month	March-July	
Plant height	35-40 cm	





70002948 Yellow





Duchess

Torenia fournieri

Tight, mounding habits are ideally suited for bedding plant production. Early to flower, compact and uniform for both flowering time and plant habit. Great for both sunny and shady garden beds.

Germination rate

Product form

Pot size

PGR

Crop time after potting

Finished plant shipping month

Plant height

Flowering time



70020963 Blue and White



70020959 Pink



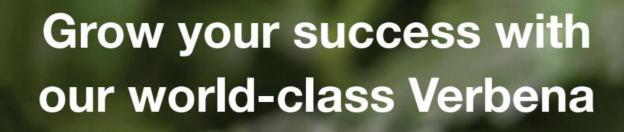
70020960 Burgundy



70020961 Deep Blue



70020958 Mix





	Pot size	Habit	Crop Time after potting	Special notes
Obsession	9-11 cm / pack	Upright	8-10 weeks	Two unique Twister types available.
Obsession® Cascade	10-12 cm / hanging basket	Spreading mounding	7-9 weeks	First Trailing Seed Verbena on the market.
Tuscany	9-11 cm	Upright	9-11 weeks	Large flowers.



Obsession®

Verbena Hybrida

Obsession® has a compact and branched habit ideal for high density production and shipping. It is early, uniform, multi-branching and very floriterous. Its wide range of colors including 'eyed' varieties attract impulse sales, and its strong tolerance to powdery mildew helps ensure consumer satisfaction.

Germination rate	85%	
Product form	Raw, primed	
Pot size	9-11 cm / Pack	
PGR	No	
Crop time after potting	8-10 weeks	
Finished plant shipping month	March-July	
Plant height	15-20 cm	



















Verbena Hybrida

The unique Twister flower pattern, invented by Syngenta Flowers in vegetative Verbena, is now available in seeds. Like the rest of the Obsession® series, the Twister colors are very early flowering on naturally compact plants ideal for high density pack and pot production. They also offer long shelf-life at retail and strong tolerance to Powdery Mildew in the garden.

Germination rate	80%
Product form	Raw, primed
Pot size	9-11 cm / Pack
PGR	No
Crop time after potting	8-10 weeks
Finished plant shipping month	March-July
Plant height	15-20 cm





Verbena Hybrida

Obsession® Cascade is a new class of seed verbena with a spreading and mounded habit ideal for automated production in large packs and small pots, for landscape use, or for high volume retail promotions in single crop or combination baskets. Plants are well branched, requiring no pinch. Large, showy flowers come in both the core and novelty hister colors demanded at retail Bred to be very tolerant to Powdery Mildew, Obsession® Cascade will continue to perform and flower in the garden well after many other varieties have succumbed to disease.

Germination rate	85%
Product form	Raw, primed
Pot size	10-12 cm / Basket
PGR	If needed
Crop time after potting	9-11 weeks
Finished plant shipping month	March-July
Plant height	15-20 cm











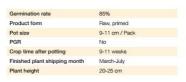




Tuscany

Verbena Hybrida

Beefy, upright plants with large, designer-colored flowers, perfect for premium retail sales.







Magellar

Zinnia elegans

Very grower-friendly. Bred for exceptional performance on the bench and in the garden. Excellent choice for quickturn, high-profit Summer programs.

Germination rate	85%
Product form	Coated
Pot size	9-12 cm
PGR	If needed
Crop time after potting	7-9 weeks
Finished plant shipping month	April-July
Plant height	25-30





80

Zinnia elegans

Industry standard in compact hybrid Zinnias with large and consistant double flowers.

Germination rate	85%	
Product form	Coated	
Pot size	Pack / 9-11 cm	
PGR	No	
Crop time after potting	7-9 weeks	
Finished plant shipping month	April-July	
Plant height	20-25 cm	













Swizzle

Zinnia elegans

rmer with large bi-color double flowers on

Germination rate	85%
Product form	Coated
Pot size	11-13 cm
PGR	If needed
Crop time after potting	7-9 weeks
Finished plant shipping month	April-July
Plant height	25-35 cm





Zinnia elegans

Well-branched heat lover with the bright rose double flowers. Nice cutflowers in your garden.

And the second second
Coated
13-16 cm
If needed
9-11 weeks
April-July
60-70 cm



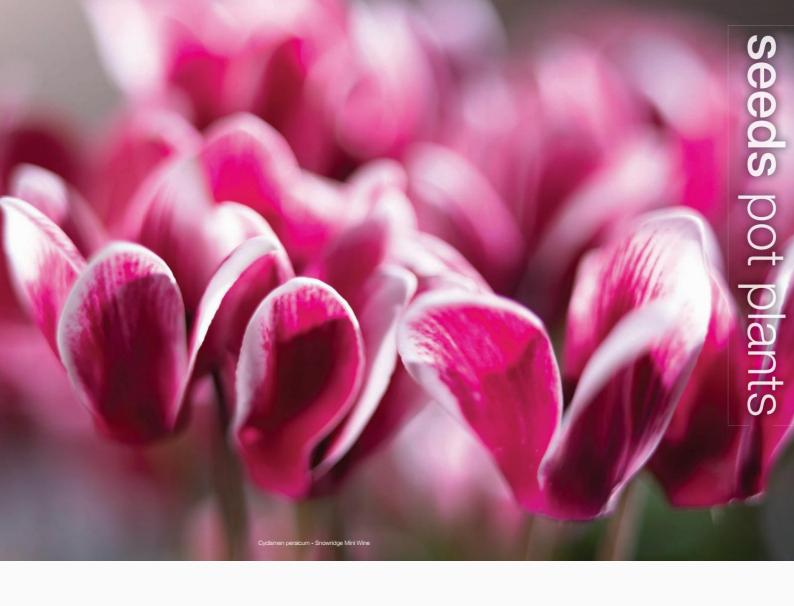
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Zinnia elegans

A striking bi-color Zinnia with long stems that has true impulse-sales appeal! Season extender for large-containers in Summer programs.

Germination rate	85%	
Product form	Coated	
Pot size	11-13 cm	
PGR	If needed	
Crop time after potting	9-11 weeks	
Finished plant shipping month	April-July	
Plant height	60-70 cm	





Our Cyclamen series positioning

Cyclamen Type

Mini 5 to 12 cm pot

June - October



SeeWhy®

- heat tolerant
- most uniform series in earliness
- · very compact series
- best shelf life

June - March



Snowridge Mini

- · first mini Cyclamen with striking white edged flowers
- · suitable for all year round production
- · for indoor and outdoor use



Midori

- · heat tolerant series
- compact growing
- · many flowers centrally in the plant
- · Synchro is the most uniform selection within Midori

October - March



Silverado

- standard mini Cyclamen for silver leaved types
- · strongest type for outdoor use
- · ideal for indoor, especially at Christmas time



Winfall®

- ideal series for Autumn and Winter production
- good Botrytis tolerance
- easy growing under low light and low temperatures

Legend



= silver leaved



= green leaved

Syngenta Flowers' assortment can be divided by flower size into mini, intermediate and large flowered types. Within each segment, we have bred series for various pot sizes and for the different Flowering times. Use the table below to select the series best suited for each season.

Midi

10 to 14 cm pot

Large

11 to 19 cm pot



Laser

- intermediate flower size on a compact plant
- earliest and most uniform series in the market for Autumn and Winter
- Synchro is the most uniform selection within Laser



Perfetto

- most compact large flowered Cyclamen for mass production
- · short culture time
- · great uniformity
- · short flower stems
- · Synchro is the most uniform selection within Perfetto



Sierra

- standard large flowered Cyclamen for Autumn production
- very early and uniform flowering
- · Synchro is the most uniform selection within Sierra



Snowridge Midi

- compact plants with many small leaves enable high density growing
- · earlier than comparable types



Friller®

- earliest, large flowered fringed type in the market
- special flower shape



Snowridge Maxi

- round plant habit with many leaves
- · largest flower in this type



Laser

- · intermediate flower size on a compact plant
- earliest and most uniform series in the market for Autumn and Winter
- Synchro is the most uniform selection within Laser



Rainier

- the best large flowered Cyclamen for Autumn and Winter production
- grows at low temperatures and under lower light conditions



Winter Ice

- real unique large flowered type
- silver leaved and strong colors for a great color contrast
- · ideal for Christmas sales



Fleur en Vogue

- real unique variety
- novel flower shape that gives the plants a true exclusive look
- · large, umbrella shaped flowers with clear white center

Cyclamen selection table

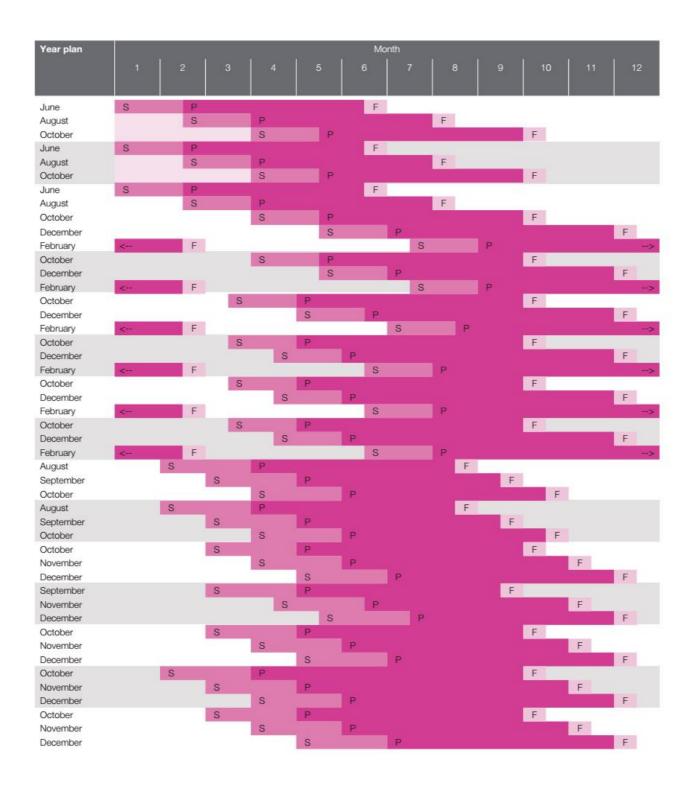
Large flowered are also suited for outdoor use in Southern European weather conditions.

For Northern Europe outdoor use we recommend mini and intermediate types

Series	Pot size (from - to)	Foliage color	Vigor within segment	Outdoor Score (1-5)	Time from sowing to flowering	Best suited flowering period
SeeWhy®	6 -10,5 cm	8	compact	4	24	June - October
Midori (Synchro)	7-12 cm	*	medium	5	25	June - October
Snowridge Mini	9-12 cm	*	medium	5	25	June - March
Winfall®	9-12 cm	8	medium - vigorous	5	25	October - March
Silverado	9-12 cm		medium - vigorous	5	26	October - March
Canto	10-13 cm		compact	3	27	June - October
Snowridge Midi	11-14 cm	8	medium	5	27	October - March
Laser (Synchro)	11-14 cm	8	medium	5	27	October - March
Perfetto (Synchro)	12-14 cm	88	compact	3 #	30	August - October
Sierra (Synchro)	12-16 cm	*	medium	3 0	30	August - October
Rainier	13-19 cm	*	vigorous	3 (1	32	October - December
Snowridge Maxi	12-16 cm	*	medium	4 "	30	August - December
Winter Ice	13-19 cm		medium - vigorous	3 "	32	October - December
Friller®	12-16 cm	88	medium	2 "	34	October - December
Fleur en Vogue	12-16 cm	8	medium	2 "	33	October - December

The total culture time of Cyclamen depends on the series, and the time from potting to flowering depends on the plug size. The table below is designed to help with scheduling the right flowering moment. It gives guidance on the sowing and potting dates for each season and series. Culture time is subject to local growing conditions and can vary depending on location. For more detailed guidance, please consult our Cyclamen crop manual or contact one of our crop specialists.







Top uniformity

Uniformity can help improve the efficiency, planning and quality of your commercial offer. Our Synchro Cyclamen concept offers the certainty of uniformity in color, earliness and habit. So you can ensure an efficient and in-time supply of consistent, high quality plants.





Ahead of their time.





Earliness

Developing early – up to 7–10 days faster build-up

+ Worry free production with our early Cyclamen

Compactness

Developing compactly – perfect harmony between flowers and plant

+ Stays compact even in full bloom

Uniformity

Developing uniformly – high uniformity within 3 days

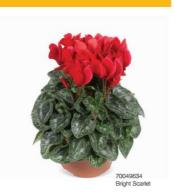
+ alligned flowering windows within and between the colors

SEEDS POT PLANTS SEEDS POT PLANTS

Cyclamen persicum F1

The newest and most uniform compact and heat tolerant series for Summer and Autumn production. All colors match in earliness and plant habit. They stay compact and have a great shelf life due to the non-stretching habit.

85%
Raw
5-11 cm
No
10-12 weeks
June-October
15-25 cm
June-October
Consumer use indoor and outdoor!















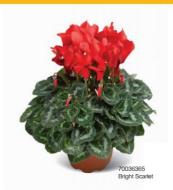




Cyclamen persicum F1

Mini flowering series for Summer and early Autumn production. The heat tolerant series grows compact and develops many flowers in the center of the plant. Suitable for pot size 5-12 cm.

Germination rate	85%
Product form	Raw
Pot size	5-12 cm
PGR	No
Crop time after potting	11-13 weeks
Finished plant shipping month	June-October
Plant height	15-25 cm
Flowering time	June-December
Note	Consumer use indoor and outdoor!





















Midori









SEEDSPANNUANSS SEEDS POT PLANTS

Cyclamen persicum F1

The first mini with the white picotee flower for indoor and outdoor use, pot size 9 till 12 cm and suitable for Summer, Autumn and Winter production.

Germination rate	85%
Product form	Raw
Pot size	9-12 cm
PGR	No
Crop time after potting	11-13 weeks
Finished plant shipping month	June-March
Plant height	15-25 cm
Flowering time	June - April
Note	Consumer use indoor and











Winfall®

Cyclamen persicum F1

The ideal series for Autumn and Winter production thanks to the good Bottyrils tolerance and the easy growing under low light and low temperatures. Should not be potted before wk 24! Suitable for pot size 9 – 12 cm.

Germination rate	85%
Product form	Raw
Pot size	9-12 cm
PGR	No
Crop time after potting	12-14 weeks
Finished plant shipping	month October-March
Plant height	15-25 cm
Flowering time	October-April
Note	Consumer use indoor and outdoor!















SEEDS POT PLANTS SEEDS POT PLANTS

Cyclamen persicum F1

The standard mini Cyclamen for silver leaved types. Ideal for indoor, especially at Christmas time, and the strongest type for outdoor use. Best for pot size 9 – 12.

Germination rate	85%
Product form	Raw
Pot size	9-12 cm
PGR	No
Crop time after potting	12-14 weeks
Finished plant shipping month	October-March
Plant height	15-25 cm
Flowering time	October-April
Note	Consumer use indoor and outdoor!













Cyclamen persicum F1

Laser is the series with intermediate flower size on a compact plant. The earliest and most uniform series in the market for Autumn and winter production in pot size 11-14 cm.

Germination rate	85%
Product form	Primed
Pot size	11-14 cm
PGR	No
Crop time after potting	13-15 weeks
Finished plant shipping month	October-March
Plant height	25-30
Flowering time	October-April
Note	Consumer use indoor and outdoor!























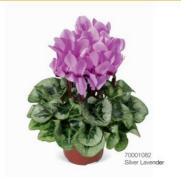
SEEDS POT PLANTS SEEDS POT PLANTS

Canto®

Cyclamen persicum F1

Canto® is the compact version of the intermediate flower size types, especially suited for Summer and early Autumn production in pot size 11-13 cm.

Germination rate	85%
Product form	Raw
Pot size	11-13 cm
PGR	No
Crop time after potting	13-15 weeks
Finished plant shipping month	June-October
Plant height	25-30 cm
Flowering time	June-December
Note	Consumer use indoor and outdoor!



Perfetto Synchro

Cyclamen persicum F1

The most efficient large flowered Cyclamen for mass production with short culture time, great uniformity and short flower stems. Best for pot size 12-14 cm for Summer and Autumn production.

Germ	ination rate	85%
Produ	ict form	Raw
Pot si	ze	12-14 cm
PGR		No
Crop	time after potting	12-14 weeks
Finish	ed plant shipping month	August-October
Plant	height	25-30 cm
Flowe	ering time	August-November
Note		Consumer use indoor and



Snowridae Midi

Cyclamen persicum F1

Very versatile early midi flowered series for all season for indoor and outdoor use. Compact plants with many small leaves resulting in many flowers.

Germination rate	85%
Product form	Raw
Pot size	11-14 cm
PGR	No
Crop time after potting	13-15 weeks
Finished plant shipping month	October-March
Plant height	25-30 cm
Flowering time	October-April
Note	Consumer use indoor and outdoor!











70061600 Mix

Perfetto









98

SEEDS POT PLANTS SEEDS POT PLANTS

Cyclamen persicum F1

Product form Pot size

Flowering time

PGR
Crop time after potting
Finished plant shipping month
Plant height

The best large flowered Cyclamen for Autumn and Winter production. Grows at low temperatures and under lower light conditions, making a real florist quality plant with very large flowers. Optimal pot size 13-19 cm.

85%

Raw 13-19 cm

No 16-18 weeks October-December 30-40 cm October-January

Consumer use indoor ar outdoor!

Cyclamen persicum F1

The standard large flowered Cyclamen for Autumn production in 12-16 cm pots.

Germination rate	85%	
Product form	Raw	
Pot size	12-16 cm	
PGR	No	
Crop time after potting	14-16 weeks	
Finished plant shipping month	August-October	
Plant height	30-40 cm	
Flavorine time	August Neucombor	











































SEEDS POT PLANTS SEEDS POT PLANTS

Cyclamen persicum F1

Earliest, large flowered fringed type in the market. Broadens the Cyclamen offer with special flower shape. Suitable for Summer, Autumn and Winter production in pot size 12 – 15 cm.

Germination rate	80%	
Product form	Raw	
Pot size	12-16 cm	
PGR	No	
Crop time after potting	15-17 weeks	
Finished plant shipping month	August-December	
Plant height	30-40 cm	

















Cyclamen persicum F1

A unique Cyclamen series for the high end segment with large umbrella shaped flowers. Offered as exclusive series with a design label to promote Fleur en Vogue as a gift item.

Germination rate	85%	
Product form	Raw	
Pot size	12-16 cm	
PGR	No	
Crop time after potting	15-17 weeks	
Finished plant shipping month	October-December	
Plant height	30-40 cm	
Flowering time	October-January	



Cyclamen persicum F1

Very special color, unique combination of White Edge and deep rose color. Not a true flame, not a true Snowridge. Dense plants for 12 -14 cm pots.

85%	
Raw	
12-16 cm	
No	
14-16 weeks	
August-October	
30-40 cm	
August-November	
	Paw 12-16 cm No 14-16 weeks August-October 30-40 cm



Cyclamen persicum F1

The brother of Rosie Rosa: Very special color, unique combination of White Edge and Deep Salmon color. Not a true flame, not a true Snowridge. Dense plants for 12 -14 cm pots.

Germination rate	85%
Product form	Raw
Pot size	12-16 cm
PGR	No
Crop time after potting	14-16 weeks
Finished plant shipping month	August-October
Plant height	30-40 cm
Flowering time	August-November



SEEDS ANNUALS SEEDS POT PLANTS

Cyclamen persicum F1

The most versatile Cyclamen type, now also available with large flowers. Snownidge can be grown all season thanks to its heat tolerance and Sotrylis tolerance. Dense plants with unique flower pattern for 12 – 15 cm pots.

Germination rate	85%
Product form	Raw
Pot size	12-16 cm
PGR	No
Crop time after potting	14-16 weeks
Finished plant shipping month	June-March
Plant height	30-40 cm
Flowering time	August-January









Cyclamen persicum F1

The only large flowered silver leaved series in the market. Large plants with large flowers and a special leaf pattern. Especially nice for the Christmas sales in high quality florist shops.

85%
Raw
13-19 cm
No
16-18 weeks
October-December
30-40 cm
October-January













Gerbera jamesonii

Cartwheel® is the earliest series in the market with semi-double flowers on compact plants, that give a new dimension to Gerbera as pot plant. Suitable for pot size 12 to 15 cm.

Germination rate	90%
Product form	Coated
Pot size	12-15 cm
PGR	Yes
Crop time after potting	9-13 weeks
Finished plant shipping month	September-June
Plant height	20-30 cm
Flowering time	September-August
Note	Consumer use indoor and outdoor!











SEEDS POT PLANTS SEEDS POT PLANTS

Gerbera jamesonii

The most early, very uniform compact Gerbera series for pot size 11-13 cm with a large color range. Genetic compact plants that do not need PGR's.

90%
Coated
11-13 cm
No
9-13 weeks
September-June
20-25 cm
September-August
Consumer use indoor and outdoor!







































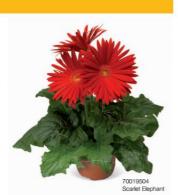
SEEDS POT PLANTS SEEDS POT PLANTS

Scarlet Elephant

Gerbera jamesonii

Giant, daisy-like flowers held above robust, beefy plants, create a premium product in larger containers. An economic alternative to expensive tissue-culture varieties.

Germination rate 90%
Product form Coated
Pot size 12-15 cm
PGR Yes
Crop time after potting 9-13 weeks
Finished plant shipping month September-June
Plant height 20-30 cm
Flowering time September-August
Note Consumer use indoor and outdoor!







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SEEDS POT PLANTS SEEDS POT PLANTS

Primula obconica

No allergic reactions due to Primin when working and touching these Obconicas. Large flowers on compact plants in many distinct colors.

Germination rate	85%
Product form	Raw
Pot size	11-14 cm
PGR	If needed
Crop time after potting	8-9 weeks
Finished plant shipping month	Year round
Plant height	20-25 cm
Flowering time	Year round



Atlantis[©]

Schizanthus x wisetonensis

Atlantis® is an ideal spring pot plant. This variety easily produces compact, well-branched uniform flowering plants. Pot sizes from 11-14 cm can be used and optimum quality will be obtained with a cool culture. Atlantis® is less day lenght sensitive, which means it can easily be brought to flowering much earlier in the season than other varieties without stretching the plants.

Germination rate	75%	
Product form	Raw	
Pot size	11-14 cm	
PGR	No	
Crop time after potting	8-10 weeks	
Finished plant shipping month	January-April	
Plant height	20-25 cm	
Flowering time	January- May	

































Primula acaulis

Primera is bred for exceptionally short production under almost any circumstances for sales from September through February!

Germination rate	80%	
Product form	Primed	
Pot size	9-11 cm	
PGR	If needed	
Crop time after potting	12-14 weeks	
Finished plant shipping month	September-February	
Plant height	15-20 cm	



Primula acaulis

Orion is a standard type Primula acaulis, bred for Mid-early season production - sales from beginning January through March. The series has large flowers and excellent uniformity between the colors. Its round shaped habit makes the Orion series ideal for production in 9-12 cm pots.

Germination rate	80%	
Product form	Primed	
Pot size	9-12 cm	
PGR	If needed	
Crop time after potting	14-15 weeks	
Finished plant shipping month	January-March	
Plant height	15-20 cm	













































Ranunculus asiaticus

Intermediate Industry-standard with large flowers and a wide range of colors, including unique ones! Also perfect for a forcing culture for early flowering.

80% Pellet 11-14 cm Yes 12-14 weeks February-May 25-30 cm Germination rate
Product form
Pot size
PGR
Crop time after potting
Finished plant shipping month
Plant height





















Ranunculus asiaticus

Genetically compact Ranunculus with large double flowers Grow without growth regulators!

Germination rate	75%	
Product form	Pellet	
Pot size	9-11 cm	
PGR	No	
Crop time after potting	12-14 weeks	
Finished plant shipping month	February-May	
Plant height	15-20 cm	









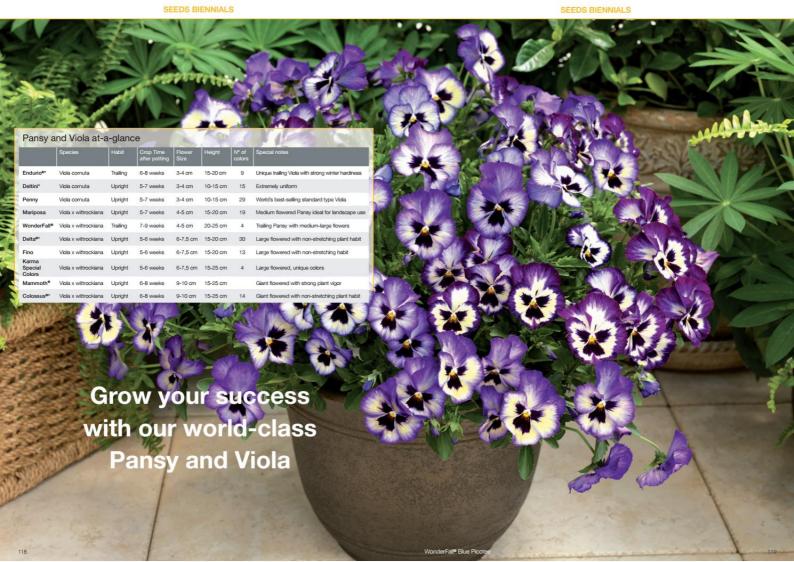












Viola cornuta

With its semi-Trailing habit Endurio* will excite the grower, retailer and consumer with its stunning performance in baskets, planters or as free offering ground cover in beds and borders. The overwinter performance gives an extra dimension to the Endurio series. Suitable for all types of pot and pack sizes.

Germination rate	90%
Product form	Raw, PreNova®
Pot size	10-12 cm/ hanging basket
PGR	If needed
Crop time after potting	6-8 weeks
Finished plant shipping month	October - March
Plant height	15-20 cm

















Viola cornuta

The Deltini series is the most programmable Viola series due to its day length neutrality and high level of uniformity in plant habit and earliness under different environmental conditions. It flowers very easily and early even under short days, making it ideally suited for spring production. Its non-stretching and basal branching habit is perfect for 8-10 cm pots and packs.

Germination rate	90%	
Product form	Raw, PreNova®	
Pot size	Pack / 8-10 cm	
PGR	If needed	
Crop time after potting	5-7 weeks	
Finished plant shipping month	August - March	
Plant height	10-15 cm	



















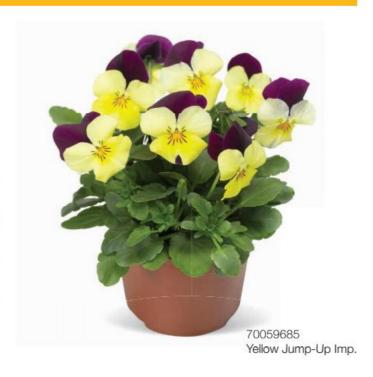
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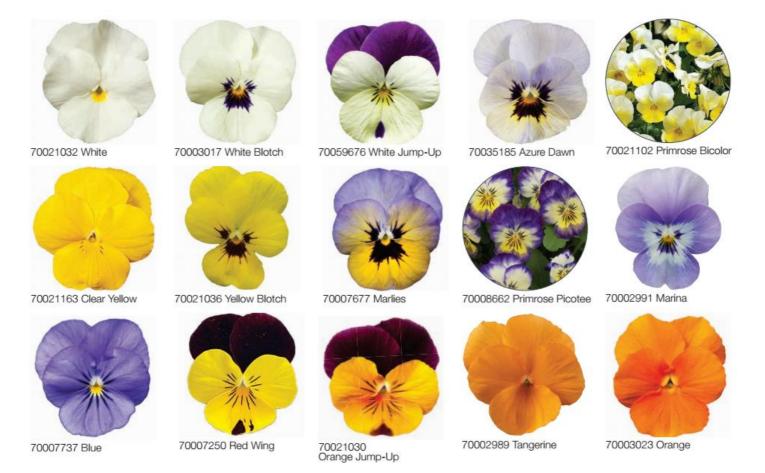
Penny

Viola cornuta

Penny is the world's best-selling viola series due to its versatility and compact, branching habit It adapts well to both autumn and spring growing, producing multitudes of cheerful flowers. It also excels in the garden where its strong root system provides superb overwintering performance.

Germination rate	85%
Product form	Raw, PreNova®
Pot size	Pack / 8-10 cm
PGR	If needed
Crop time after potting	5-7 weeks
Finished plant shipping month	August-March
Plant height	10-15 cm





SEEDS BIENNIALS





70003010 Peach Jump-Up



70003018 Purple Picotee



70035184 Denim Jump-Up



70021101 Mickey



70064551 Deep Blue Imp.



70002985 Red Blotch



70021103 Rose Blotch



70021035 Beaconsfield



70000487 Violet Blue



70064553 Violet Face



70021017 Violet



70000469 Red with Yellow Face



70059706 Black



70021045 Jump-Up Mix



70020977 Lane Mix

Mariposa

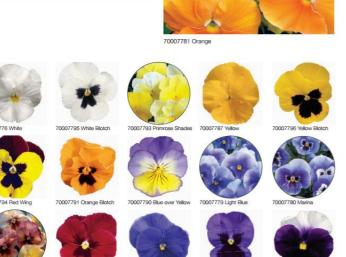
Viola x wittrockiana (Pansy)

Mariposa can be easily produced in packs or 9 cm pots. It has a strongly branched habit and produces masses of mid-size flowers making it ideal for public and private landscape applications. Its strong over-wintering per

Germination rate	90%
Product form	Raw
Pot size	9-11 cm
PGR	Yes
Crop time after potting	5-7 weeks
Finished plant shipping month	August-March
Plant height	15-20 cm

70007782 Red Blotch







Viola x wittrockiana (Pansy)

WonderFall* is the first large flowered Pansy with a truly trailing habit. With its extra vigor, plants fill pots quickly and are ideal for large containers and baloony plantings. In the landscape, its spreading habit covers more ground than traditional pansies and provides maximum cotor impact. Wonderfall* is suitable for 12 cm pots and larger and especially hanging baskets and window boxes.

Germination rate	90%
Product form	Raw, PreNova®
Pot size	12-14 cm/ hanging basket
PGR	Yes
Crop time after potting	7-9 weeks
Finished plant shipping month	August-March
Carlo Control Carlo Carl	



70041128 Blue Picotee Shades







70041129 Purple and Blue Shadi



Viola x wittrockiana (Pansy)

The large flowered Delta® series is known the world over for its versatility in both autumn and spring production. This market leading series has a strongly basal branching habit that resists stretching, so plants require fewer PGRs and hold longer at retail. Strong uniformity in vigor between all the colors in the series and early flowering with a tight bloom window distinguish Delta® from the competition. The Delta® series is ideal for production in 9-11 cm pots and packs.

Germination rate	Raw: 90%, PreNova®: 92%
Product form	Raw, PreNova®
Pot size	Pack / 9-11 cm
PGR	Yes
Crop time after potting	5-6 weeks
Finished plant shipping month	August-March
Plant height	15-20 cm

















































Delta® Speedy NEW

Viola x wittrockiana (Pansy)

Delta Speedy is the most day length neutral Pansy on the market. A reliable uniform performance under short days makes this the best choice for growers that want to sell the plants very early in the season.

Raw: 90%, PreNova®: 92% Product form Raw, PreNova® Pot size PGR Pack / 9-11 cm 5-6 weeks November - February. 15-20 cm Finished plant shipping month



70046093 Deep Blue with Blotch















Viola x wittrockiana F1

The new large flowered Fino series has a strongly basal branching habit that resists stretching. Fino is ideal for production in 9-11 cm pots and packs. A strong and uniform series in the largest Pansy segment creating opportunities to sell the complete series or compose your own. This series is selected for uniform late autumn and early spring flowering.

Germination rate	Raw 90%, PreNova® 92%
Product form	Raw, PreNova®
Pot size	Pack/ 9 - 11 cm
PGR	Yes
Crop time after potting	5 - 6 weeks
Finished plant shipping month	August - March
Plant height	15 - 20 cm



























Viola x wittrockiana (Pansy)

The well known Karma series is now replaced by the Fino series, but the real unique colors are still available!

Germination rate
Product form 90% Raw, PreNova® Pack / 9-11 cm Pot size PGR Yes 5-7 weeks Crop time after potting Finished plant shipping month Plant height August-March 15-20





70007797 Deep Orange







Viola x wittrockiana (Pansy)

Mammoth® is a series of extra large flowered Pansies with strong plant vigor for fast and easy pot fill, especially under warm growing conditions. The series performs especially well in early autumn and late spring production and its extra vigor works well in 9-12 cm pots.

Germination rate	90%
Product form	Raw, PreNova®
Pot size	Pack / 9-12 cm
PGR	Yes
Crop time after potting	6-8 weeks
Finished plant shipping month	August-March
Plant height	15-25 cm





















Colossus®

Restricted distribution

Viola x wittrockiana (Pansy)

The Colossus® series has been bred to produce giant flowers on short, sturdy stems, even under warm growing conditions, typical in early autumn and late spring production. Compact plants stretch less in the heat, requiring fewer PGRs, and offer longer shelf-life. Colossus® can be produced in both packs and 9-11 cm pots.

Germination rate Raw: 90%, PreNova®. 92%
Product form Raw, PreNova®
Pot size Pack / 9-11 cm
PGR Yes
Crop time after potting 6-8 weeks
Finished plant shipping month August-March
Plant height 15-25 cm









Anemone hupehensis	Pink Saucer	50%	Raw	12-15 cm	12-16 weeks	4 seeds/plug	June-July	40-50 cm	5	Summer
Aquillegia caerulea	Kirigami	85%	Raw	11-14 cm	22-26 weeks if overwintered / 10-14 weeks in annual culture	2 seeds/plug	March-May	35-45 cm	4	Spring
Arabis blepharophylla	Rose Delight	85%	Raw	11-14 cm	21-23 weeks	2 seeds/plug	February- March	15-20 cm	3	Spring
Arabis caucasica	Little Treasure	85%	Raw	11-14 cm	21-23 weeks	4 seeds/plug	February- March	10-15 cm	4	Spring
Arenaria montana	Blizzard	80%	Raw	11-14 cm	20-24 weeks	4 seeds/plug	March-April	15-20 cm	3	Spring
Arenaria montana	Blizzard Compact	80%	Raw	11-14 cm	20-24 weeks	4 seeds/plug	March-April	15-20 cm	3	Spring
Armeria maritima	Armada	75%	Raw	11-14 cm	22-26 weeks	4 seeds/plug	March-April	20-25 cm	4	Spring
Aubrieta Hybrida	Audrey	80%	Raw	11-14 cm	23-27 weeks	4 seeds/plug	March-April	10-15 cm	6	Spring
Aurina saxatile (Alyssum)	Summit	75%	Raw	11-14 cm	20-24 weeks	3 seeds/plug	March-April	20-25 cm	4	Spring
Bergenia cordifolia	Shoeshine	60%	Raw	11-14 cm	25-30 weeks	4 seeds/plug	March-April	30-40 cm	3	Spring
Campanula carpatica	Pristar	80%	Raw	10-12 cm	12-16 weeks	3-4 seeds/plug	June-August	25-35 cm	5	Summer
Campanula cochlearifolia	Swinging Bells	70%	Raw	11-14 cm	10-14 weeks	4 seeds/plug	June-July	15-20 cm	6	Summer
Campanula garganica	Filigree	80%	Raw	11-14 cm	10-14 weeks	4 seeds/plug	June-July	10-15 cm	5	Summer
Campanula portenschlagiana	Clockwise	80%	Raw	12-14 cm	10-14 weeks	3 seeds/plug	June-July	20-25 cm	4	Summer
Campanula rapunculoides	Cambell	80%	Raw	12-14 cm	10-14 weeks	3 seeds/plug	June-July	40-60 cm	6	Summer
Coreopsis grandiflora	Andiamo	75%	Raw	13-19 cm	9-12 weeks	4 seeds/plug	June- September	35-40 cm	7	Summer
Dyclamen coum	Cyberia	80%	Raw	9-12 cm	25-30 weeks	1 seed/plug	February-April	10-15 cm	5	Winter
Delphinium elatum	Delphina	60%	Raw	15-18 cm	10-13 weeks	4-6 seed/plug	June-August	40-60 cm	4	Summer
Delphinium elatum	Excalibur	50%	Raw	15-18 cm	10-13 weeks	6 seed/plug	June-August	60-80 cm	3	Summer
Delphinium grandiflorum	Delfix®	80%	Raw	11-14 cm	10-12 weeks	3 seeds/plug	June-July	30-40 cm	4	Summer
Dianthus barbatus	Barbarini*	85%	Raw	11-14 cm	10-12 weeks	1 seed/plug	April- September	20-30 cm	4	Summer
Digitalis purpurea	Camelot	85%	Pellet	14-18 cm	10-14 weeks	1 seed/plug	June-July	70-100 cm	5	Summer
Doronicum orientale	Leonardo Compact	75%	Raw	11-14 cm	22-26 weeks	2 seeds/plug	March-April	35-50 cm	5	Spring
Echinacea purpurea	Prairie Splendor	60%	Raw	11-14 cm	10-14 weeks	3 seeds/plug	July-August	55-65 cm	3	Summer
Erysimum Hybridum	Canaries Yellow	85%	Raw	11-14 cm	19-21 weeks	2 seeds/plug	January-April	15-20 cm	7	Spring
Gaultheria procumbens	Winter Pearls®	60%	Des- infected	9-13 cm	24-28 weeks	4 seeds/plug	August- November	15-20 cm	4	Autumn
Helleborus niger	Christmas Carol	80%	Raw	9-13 cm	78-90 weeks	1 seeds/plug	November - January	20-30 cm	4	Winter

leuchera americana	Marvelous	80%	Raw	10-14 cm	12-16 weeks	6 seed/plug	May-October	20-30 cm	4	Foliage Groun cover
leuchera sanguinea	Coral Forest	80%	Raw	10-14 cm	12-16 weeks	6 seed/plug	April-June	40-45 cm	3	Sprin
peris sempervirens	Tahoe Imp.	80%	Raw	9-14 cm	22-26 weeks	3 seeds/plug	February-April	20-25 cm	4	Sprin
avandula angustifolia	Blue Scent*	70% Raw, 80% Primed	Raw, primed	11-14 cm	10-14 weeks	4 seeds/plug	May- September	20-30 cm	6	Summ
avandula stoechas	Castilliano	90%	Raw	11-14 cm	10-14 weeks	4 seeds/plug	June-August	25-35 cm	8	Sumn
avandula stoechas	Violeta	90%	Raw	11-14 cm	10-14 weeks	3-4 seeds/plug	June-August	25-35 cm	7	Sumn
eontopodium alpinum	Everest*	60%	Raw	10-14 cm	9-13 weeks	6 seed/plug	June-July	15-20 cm	6	Sumn
apaver nudicaule	Pulchinella	70%	Raw	12-15 cm	24-28 weeks	4 seeds/plug	February-April	35-40 cm	2	Sprir
apaver nudicaule	Spring Fever®	70%	Raw	11-14 cm	10-14 weeks	2 seeds/plug	June-July	20-25 cm	2	Sumr
ensternon hartwegli	Arabesque*	80%	Raw	15-19 cm	12-16 weeks	1 seed/plug	July-August	50-60 cm	7	Sumn
ensternon hartwegli	Party Bells	80%	Raw	12-16 cm	11-14 weeks	1 seed/plug	June- September	30-40 cm	7	Sumr
imula denticulata	Corolla	75% Raw, 65% Pellet	Raw, pellet	10-13 cm	21-23 weeks	2 seeds/plug	February-April	20-25 cm	7	Sprir
imula rosea	Rosy	75%	Raw	9-12 cm	28-32 weeks	4 seeds/plug	February-April	15-20 cm	6	Spri
imula veris	Cabrillo	75%	Primed	10-14 cm	28-32 weeks	2 seeds/plug	March-April	25-30 cm	6	Spri
Itzelago alpina	Icecube	85%	Raw	10-13 cm	22-26 weeks	6 seed/plug	February-April	20-25 cm	7	Sprir
ulsatilla vulgaris	Pinwheel	60%	Raw	10-14 cm	30-34 weeks	6 seed/plug	February- March	25-30 cm	5	Sprir
Mia x superba	Merleau*	60%	Raw	12-17 cm	10-14 weeks	2 seeds/plug	June-August	40-50 cm	5	Sumr
xifraga x arendsii	Highlander	70%	Raw, pellet	10-13 cm	24-28 weeks	1 seed/plug or 3-4 seeds/ plug	February-April	20-25 cm	6	Sprir
xifraga x arendsii	Lofty	70%	Raw, pellet	10-13 cm	24-28 weeks	1 seed/plug or 3-4 seeds/ plug	February-April	20-25 cm	6	Spri
edum nevii	Silver Frost	80%	Raw	10-14 cm	18-22 weeks	2 seeds/plug	June- September	15-20 cm	7	Sumr
edum pulchellum	Sea Star	75%	Raw	10-14 cm	18-22 weeks	4 seeds/plug	June- September	15-20 cm	8	Sumr
edum spurium	Solarity	50%	Raw	13-15 cm	10-12 weeks	1-3 seeds/plug	June- September	20-30 cm	5	Autur
					14.4		August-			

Anemone hupehensis

First year flowering perennial from seed with large flowers on well branching plants.



70003162 Pink Saucer

Kirigami

Aquilegia caerulea

Kirigami creates a revolution in Aquillegia-land: the first series that can be forced into flower at any moment in early spring. Vivid colors, large flowers that are all facing and healthy leaves.













Arabis blepharophylla

Real impulse article that stands out for uniformity, earline and intensity of the color, Great season starter for retail.



Little Treasure

Arabis caucasica

Another Spring perennial with improved uniformity and earliness, that makes this an excellent item for large scale production and retail actions in early Spring.



70018111 Blizzard Compact

Arenaria montana

Blizzard is the most uniform version of the traditional Arenaria. The Blizzard Compact is a breeding breakthrough: flowering up to 2 weeks earlier with a much more compact and controlled habit, but still with the same large pure white flowers.

Armeria maritima

Real impulse article that stands out for uniformity, earliness and intensity of the color. Great season starter for retail.









Audrey

Aubrieta Hybrida

The first F1 hybrid Aubrieta that gives very uniform, vigorous, but still compact plants for easy production. Keeps the plant shape very well during handling from grower to retail and has an excellent shelf life!













Aurinia saxatilis (Alyssum)

Compact and uniform plants give an abundance of bright yellow blooms for great impulse appeal in the early Spring.



Bergenia cordifolia

Short flower stems, compact growth and triple as much branching than the traditional varieties make this variety the first choice for professional Perennial growers.



70001209 Summit

Campanula carpatica

First year flowering series with extra large flowers, vigorous plants and best earliness. Programmable for flowering from June to early August.





Campanula cochleariifolia



Campanula rapunculoides

Tall stems with large, blue, star shaped flowers, suitable for larger pots. Another 1st year flowering perennial.



Campanula garganica

Filigree is the firs 1st year flowering Campanula garganica on the market. Filigree combines masses of small, star shaped light blue flowers with a compact, Mounding habit and great uniformity. Filigree is suitable for 11-14 cm pot and fits well in mixed Summer pot arrangements.



Coreopsis grandiflora

Andiamo is the first F1 hybrid in this Summer flowering species. Vigorous, well branching plants. Less sensitive to breaking, Great uniformity, fast pot fill and all season flowering. Best for pot size 13 cm and larger.



Clockwise

Campanula portenschlagiana

First F1 hybrid Campanula portenschlagiana from seed. Very uniform, very fast growing variety with strong blue bell shaped flowers for pot size 11-14 cm.







Cyclamen coum

Finally a Cyclamen courn series available in separate colors and with a controlled growth.Very winter hardy and flowering in the late Auturn and in early Spring.

Great impulse item, "botanical" or "natural" appearance.

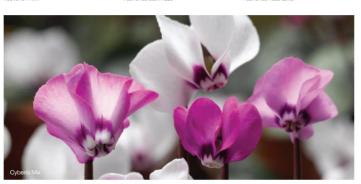












Delphina Delphinium elatum

Delphina is the first open pollinated genetic compact Delphinium, offering compact, well branching plants, ideal for impulse sales in larger containers.

Germination rate	60%							
Product form	Raw							
Pot size	15 - 18 cm							
Habit	Upright							
PGR	If needed							
Crop time after potting	10 - 13 weeks							
Finished plant shipping month	VI - VIII							
Plant height	40 - 60 cm							
Hardiness Zone	5							













Delphinium elatum

Excalibur has sturdy flower sterms in combination with well-developed flower panicles. The strong flower color remains stable. The plants are well branched and make an excellent shaped plant.















Delfix®

Delphinium grandiflorum

The first-year flowering Delfix® produces a large number of small, elegant flowers with an intense brilliant color. Delfix® is well branched and performs well in balcony and patio containers and is therefore an ideal product for the impulse market.



Dianthus barbatus

This series of Dianthus brings additional opportunities to the market. The single colors of the series do not need a cold treatment for flower induction. The complete series is suitable for a high value and colorful first year flowering Summer pot production. Barbarin[®] is uniform in growth and fee flowering. The series has a compact habit and a good Winter hardness.























Camelot

Digitalis purpurea

The first F1 hybrid on the market providing high germination, uniform growth and flowering.



70008474 Rose



00102021468







Lavender 7003

Leonardo Compact

Doronicum orientale

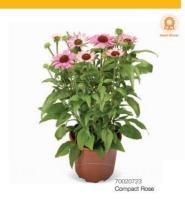
Leonardo is the earliest Doronicum on the market, is suitable for 11-14 cm pots or bigger containers if more plants are used. The variety produces a uniform, well branched plant.



Prairie Splendor

Echinacea purpurea

Prairie Splendor consists of 2 types. The traditional Prairie Splendor, which is medium tall and well branching and the new Prairie Splendor Compact. The Compact types are very well branching, showing many flowers and has a much shorter culture time than other compact varieties.





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Erysimum Hybridum

A real "must have" item for all perennial growers and retailers that want to start the sales season early Spring. This very early flowering Eysimum is one of the first crops to show color. Ideal to use in mixed containers. Great shell file, as the plants do not stretch like other Erysimum varieties.



Gaultheria procumbens

The new standards in the market for uniformity and healthy starter material. Red Baron is ideal for the overwintering culture in larger pots. Big Berry works also in a 1 year culture. It has extremely large berries that are situated on top of the plants, giving a great appeal to the consumers.









Christmas Carol

Helleborus niger

The standard seed Helleborus that gives a high percentage flowering plants before Christmas. This species requires a special culture and is only advised to be used by specialist growers.





Heuchera americana

A seed raised Heuchera that shows interesting leaf colors throughout the season. Is it cold: leaves are purplish. Does it get warmer: leaves show the nice silver-marble pattern.



Heuchera sanguinea

A first year flowering perennial with shorter stems and a more intense rose color. Vernalization is beneficial and will result in even more flower stems.





Iberis sempervirens

Tahoe is an excellent, early and uniform Iberis selection for high quality pot production. Tahoe is compact, well branched and has short flower stems. It is free flowering with very long leating flowers, leading to an eye-catching amount of white in the garden.





Lavandula angustifolia

This first-year flowering Lavandula has a very compact and uniform habit. The attractive flowers make this unique product an ideal item for the impulse market. This series performs extremely well in balcony and patio containers and its sweet aroma will add to its impulse value. It can also be used as a bedding plant in the garden. Blue Scent* is advised to use for late Summer flowering. Blue Scent* Early performs best for Spring and Summer flowering in a very short production cycle. Blue Scent Early is more vigorous than Blue Scent and has a similar habit as White Scent early.







Lavandula angustifolia

The traditional variety for a overwintering culture. Hidcote needs vernalization and will flower abundantly in June. This selection is very uniform in habit and earliness.



Lavandula stoechas

Seed raised tender perennial with the popular butterfly flowers. This Spanish Lavender has a very strong scent and attracts bees and butterflies. Flowers till late in Autumn with deep purple flowers.



Lavandula stoechas

Seed raised tender perennial with the popular butterfly flowers. This next generation gives many more flowers on very short flower stems. It has a strong scent and attracts bees and butterflies. Flowers till late Autumn.



Lavandula stoechas

A break through in breeding for Lavender from seed. Violeta is the first seed based Spanish Lavender that has similar characteristics as the cutting varieties: a long flag and a long flowering period. The plant is vigorous and well branching, completely different from the 'old' types from seed.



Leontopodium alpinum

First hardy edelweiss on the market that can be grown as an annual plant. Everest® produces numerous star-shaped silver-white flowers amid bright green leaves. The plant remains compact and is extremely suitable for cultivation in pots and mixed planters. Everest® starts flowering later in Summer.



Pulchinella

Papaver nudicaule

Vivid papery petals atop compact, easy-to-manage plants that are suitable for a range of container sizes. Extra large flowers, strong plants and very early flowering.













0000835 Red 70000836

Spring Fever®

Papaver nudicaule

Spring Fever® is a very uniform and free flowering selection. It is one of the earliest Papavers on the market and is suitable for Spring and Summer flowering sales. Spring Fever® produces masses of short, stable flower stems bearing mid-sized, slightly wrinkled flowers.













Partybells

Penstemon hartwegii

Partybells is the first and only genetic compact Penstemon, offering compact, well branching plants, in strong colors, ideal for impulse sales.



70058326 Red

Arabesque

Penstemon hartwegii

Best branching and most compact F1 Penstemon from seed for the impulse market in larger (15-19 cm) pots.













Platycodon grandiflorus

Improved branching, more free flowering and a shorter culture time are the main features of the first color of a new Platycodon series.

Germination rate	90%								
Product form	Raw								
Pot size	10 - 13 cm								
Habit	Upright								
PGR	If needed								
Crop time after potting	10 - 14 cm								
Finished plant shipping month	V - VII								
Plant height	15 - 20 cm								
Harrliness Zone	5								



Primula denticulata

This very early flowering series is especially bred for indoor culture in cold tunnels. It is very early flowering and can be forced to flower by heating up the greenhouse. The ball shaped flower heads appear in large quantities resulting in a long flowering period.





Rosy

Primula rosea

The most uniform, but especially the most vigorous growing Primula rosea on the market. The plant vigour results in many more flowers with a very strong rose color in early Spring.





Primula veris

Very early true Primula veris with surprising compact habit for pot size 10-14 cm.





Pritzelago alpina

loecube is a very uniform and early selection. Icecube flowers early in Spring. The flowering of all single loecube plants starts simultaneously, and results in an excellent pot performance. Icecube is extremely free flowering and has a long flowering window in the garden.









Pulsatilla vulgaris

Real rock garden plant with extra number of flowers thanks to the increased plant vigour. Flowers are much more looking upwards than traditional varieties, giving a great look into the yellow center of the flowers.







Merleau[®]

Salvia x superba

Compact, very well branching, early Salvia suitable for pot size 12-17 cm.









Highlander

Saxifraga x arendsii

Saxifraga is one of the most important spring-flowering perennials. Highlander is early flowering and provides a good uniformity, a compact habit, short and stable flower stems and an enormous quantity of flowers.







Lofty

Saxifraga x arendsii

Lofty is the next generation of seed propagated Saxifraga. Much larger flowers, more vigorous plants and an increased uniformity make this the best low cost alternative for the vegetative series.





Silver Frost

Sedum nevii

Seed raised Sedum with silver blue foliage and many small white flowers. A first year flowering tender perennial giving a year round nice color appearance in the rock garden.

Sea Star

Sedum pulchellum

Sea Star is a first year flowering perennial with unique sea star shape inflorescence. Many bright rose flowers in Summer. Suitable for pot cultivation.





Solarity

Sedum spurium

First highly uniform Sedum spurium from seed. Short crop time, well branching and easy filling 12-14 cm pots for late Summer and Autumn sales. Compact plants with very good shelf life.

Sedum telephium

First highly uniform S. telephium from seed. The compact and well-branching plants with the bright color, short culture time and low input costs make this perennial even more attractive for growers and retailers.





Series Listing

annuals

Antirrhinum majus	Impatiens walleriana	Tagetes erecta (Marigold)	
(Snapdragon)			
	Terrestina beneficial	Township for content	
	Impatiens hawkeri	Torenia fournieri	
	Laurentia axillaris	Verbena Hybrida	
Begonia semperflorens	Starshine	Obsession*	
Topspin			
	Nicotiana alata		
Bada Boom	Saratoga		
	Osteospermum ecklonis	Zinnia elegans	
	Asti	Magellan	
Begonia x Hybrida			
Braveheart*	Pelargonium x hortorum (Geranium)		
	Maverick		
Begonia tuberhybrida			
Catharanthus roseus (Vinca)			
	Pelargonium peltatum (Geranium)		
		Cyclamen persicum	
	Pentas lanceolata		
Cleome hassleriana (Spinosa)			
	Petunia grandiflora		
Cuphea Ilavea			
2020-00-00			
Dahlia x Hybrida			
Fresco Harlequin	Petunia multiflora Hurrah	Rainier Friller ^a	
Dianthus chinensis			
Super Parfait	Petunia milliflora		
Venti Parfait	Picobella	Snowridge Maxi	
		Winter Ice	
Dianthus x barbatus	Petunia pendula	Gerbera jamesonii	
Diabunda*	Skybox	Cartwheel*	
Gazania rigens			
Big Kiss			
	Salvia splendens		
	Flamex® 2000	Primula obconica	
Helianthus interspecific		Schizanthus x wisetonensis	

biennial

DIGI II IIdio			
Primula acaulis	Campanula garganica	Lavandula stoechas	
	Campanula portenschlagiana		
Ranunculus asiaticus			
		Leontopodium alpinum	
	Campanula rapunculoides		
Viola cornuta (Pansy)		Papaver nudicaule	
	Coreopsis grandiflora		
	Cyclamen Cuom	Pensternon hartwegii	
Viola x wittrockiana (Pansy)			
	1200100000000000000		
	Delphinium elatum	The second second second second	
	Delphina Excalibur	Platycodon grandifl orus Twinkle	
	Policial and annual filtering	Primula denticulata	
	Delphinium grandiflorum Delfin	Corolla	
Colossus ^e			
	Dianthus barbatus	Primula rosea	
	Barbarini*	Rosy	
perennials	Digitalis purpurea	Primula veris	
	Camelot	Cabrillo	
Anemone hupehensis			
Pink Saucer	Doronicum orientale	Pritzelago alpina	
		Icecube	
Aquilegia caerulea			
Kirigami	Echinacea purpurea	Pulsatilla vulgaris	
Arabis blepharophylla			
	Erysimum Hybridum	Salvia x superba	
Arabis caucasica			
	Gaultheria procumbens	Saxifraga x arendsii	
Arenaria montana			
	Helleborus niger		
		Sedum nevii	
Armeria maritima			
	Heuchera americana	Approximate the contract of	
		Sedum pulchellum	
Aubrieta Hybrida			
	Heuchera sanguinea	0.4	
A CHARLES AND		Sedum spunum	
Aurinia saxatilis (Alyssum)			
	Iberis sempervirens	Code on tolorship on	
Bergenia cordifolia		Sedum telephium Surrender Red	
Shoeshine	Lavandula angustifolia		
	Blue Scent		
Campanula carpatica	White Scent		
Pristar			

CALENDAR

California Spring Trials March 23-27 2019 Gilroy, USA

IPM April 20-22, 2019 Shanghai, China

Spring Trials April 29 - May 3, 2019 Andijk, The Netherlands

Cultivate Columbus July 13-16, 2019 Ohio, USA

Flower Trials June 11-14, 2019 De Lier, The Netherlands Autumn Trials November 5-8 Andijk, The Netherlands IPM January 28-31, 2020 Essen, Germany

California Spring Trials March 28 - April 1, 2020 Gilroy, USA



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General Terms and Conditions

Of SYNGENTA SEEDS B.V., with offices in Enkhuizen, for the sale and delivery of

- II. APPLICABILITY OF THESE TERMS AND CONDITIONS

 11. These terms and conditions stall sapply but ny offer or agreement between
 Syngerta Seeds BV, hereinafter to be referred to as the Selec, and any
 buyer, isolar as the parties have not explicitly deviated from one or more of
 these terms and conditions.

 12. For vegetabrity reproduced or commental plant culture products for which
 plant treeder's rights have been applied for and/or granted, only nonrecurring those or plant production is allowed. The Buyer shall also impose
 this clause on its buyers as a perpetual clause. Vidations shall result in an
 immediately pusible pentally of £ 100 per regroduced fower or plant. The
 Selfer shall retain its right as a license holder to recover the actually incurred
 damage from the violating party. The Selfer and/or its authorised party is
 permitted to enter the Buyer's premises without obstruction to inspect the
 flower and plant production and to appoint an independent third party to
 inspect the Buyer's books. The Buyer shall cooperate with such inspections.

- 2. OUDTATIONS, PRICES AND ORDER DOCUMENTATION
 2. The Selevis quotations are without engagement A quotation without engagement or a quotation without engagement can be revoked until three days after its acceptance has been received. The prices emeritioned in a quotation are excluding. Will and further costs to be paid by the Buyer, including, among others, sportaging costs, quality assurance costs under priphesanitys respections, report dutales, government and other regulatory levies, as well as plant breeder's rights fees
- powerment and other regulatory fevies, as well as supposed as for charge powerment and other regulatory fevies, as well as the benefich sight feel and any other fees. Prices are sepresand Fauros.

 2.2. The Seller reserves the right to modify its prices persolically and in the interime. Each new price lesting and cancel the previous price with regard to orders placed after such new price listing.

 2.3. If the quantity mentioned in an order devident short the standard quantity applied by the Seller or is a multiple thereof, the Seller has the right to deliver the next higher quantity.

 2.4. Listed vesigith and quantities are next feel and the seller of the seller of the seller is first request the data, specifications and documents legally required in the country of delivery, of unong others, the following:

 invoicing:
 phylosonitary requirements:
 international certificates:
 other import documents or import declarations.

- other import documents or import declarations.

Determines a set later place to the time due in a result of all processing conditions, the files Selter makes a justified appeal to the harvesting or processing conditions, the Selter shall not be under an obligation to deliver, but shall, if possible, by to deliver in proportion to the ordered quantity or similar alternatives. If the Selter involves this restriction the Buyer shall not be entitled to any damages.

- 4. DELIVERY

 4.1. The footerms in foce at the time the agreement is concluded shall apply to the agreement. Delivery in the Netherlands to parties other than plant breedens as well as deliveries outside the Netherlands shall be FCA Geller.

 4.2. Nothinstanding Paragraph 1, delivery to plant breeders in the Netherlands shall take place postage paid, except for urgent and/or express delivery in the plant of the shall be sha

- 4.5. The Buyer shall take due care of these traylig and palletigl until they are collected by the Seller. The parties shall make agreements with regard to the frequency with which the traylig and/or palletigl are collected by the Seller. If these traylig and/or palletigl are collected by the Seller. If these traylig and/or palletigl are into drawaged by or at the Buyer's, in the Seller so princip, the Buyer shall be table to pay to the Seller an amount of 6.5 per tray and 6.12.50 per pallet.
 The Buyer shall store the traylig and/or palletigl in such manner that the Seller can collect them in a normal manner. The Buyer shall ensure that the traylig and/or palletigl are clean.
 In order to guarantee property rights the trays are individually numbered and

 - and/or palletigli are clean. In order to guarantee properly rights the trays are incliniciously numbered and registered by means of a barcode. The Buyer is not permitted to remove or character by means of a barcode. The Buyer is not permitted to remove or character by provided from of ℓ 1 per tray, without prejudice to the Selfer's right to claim a higher amount in disamages from the Buyer. The Buyer is not permitted to confinue to use the traying another palletig, or to let them be used by this partiest, unless propility agreed otherwise in writing.

S. DELIVERY TIME The Selfer undertakes to deliver within a reasonable term, in accordance with the sowing or planting season after the sale contract has been concluded. An agreed delivery time does not constitute a deadlink. In the event of late delivery the Buyer shall put the Selfer in default in writing and grant the Selfer a reasonable term to

- 6.1. The Seller is permitted to deliver the solid products in instalments. This shall not apply if a partial delivery has no independent value. If the products are delivered in instalments, the Seller has the right to invoice each partial delivery
- delivered in instalments, the Selfer has the right to divide each partial delivery separately.

 12.2 Return deliveries, including the mutual exchange of seeds for polletical seeds, are not permitted, unless agend an advance between the parties in writing part and prefer fungicistic coated unders and pelletide seeds, the shall take glace written and one months after delivery, for inscribed coated under parties each sand or or privined pelletide seeds, a form of 2 months after delivery shall apply, in the coated under under parties desired seeds and cracket the capacity of the low compent and understanged. Returning one "10% of the total quantity of delivered seeds por species shall not be accorded.

- over into use to the contract of the contract

return consignments received between three to four months after delivery; 50% of the relevant invoice amount.
 Return consignments received by the Setter after four months or more following delivery are not accepted.

- 7, PROCESSING AND PACKAGING
 7. If the Buyer ragines a special treatment for the products the related costs shall be for the Buyer's account.
 2. The products will be packed in the Seller's packaging. The costs of this packing and the packaging shall be for the Buyer's account. The packing and packaging shall not be trien back, except in the evert that the stipulations of Article 4.5 apply.

S. I. The goods delivered by the Selfer shall remain the Selfer's property and the Selfer will also become the conner of the products resulting from the goods until the Buyer has paid the purchase price and the Buyer has fully fulfilled all of its other obligations, arising from whatever reason, bowards the Selfer. The above stipulations of Paragraph 1 shall apply in respective of the manner

- 8.2. Goods delivered by the Seller, covered by the retention of title pursuant to 8.2. Goods delivered by the Seller, covered by the reterition of 88th pursuant to Paragash? I can only be sessid or used in the harmsent's or drainty business operations. In the event that they are resold the Buyer shall both require from 18 buyers a reterition of 88th excellent SuiP Paragash! and, to ensure by means of a perpetual datase to be imposed, that third puries undertake to immediately send the Seller the records of consignment runnbers of the goods and the products resulting from them, so that all the delivered goods can be traced to third parties.
 8.3. The Buyer is not permitted to pledge the goods or to vest any other right in them.
- them.

 8.4. The Buyer shall pay the costs to be incurred by the Seller in this context.

- 9. PAYMENT 9.1. Payments shall be made within 30 days after the invoice date at the Selber's offices. After this term has lixpeed the Buyer is in default. In the event of late payment for delevieries made in the Netherlands, the Buyer shall go 1/8; interest per month or per part of a month on the payable arround as of the time at which the Buyer is in default. In the event of late payment for deliveries outside the Netherlands, the Buyer shall go 1/8 is per month on the invoice.
- outside the Netherlands, the Buyer shall pay 11% % por month on the invoice amount.

 In the event of the Buyer's default, the Seleth has the right to charge any exchange rather loss incurred as a result to the Buyer's account.

 9.2. In the event of the Buyer's laiguistion, burrinquisty or suppension of payments, the payments owned by the Buyer hall be immediately possible and the Seletr shall have the right to suspend the further execution of the agreement, and' or to dissolve the agreement, aft this without prejudice to the Selete's right to dain damages.

 9.2 If payment in instalments has been agreed, the erforce remaining amount shall be immediately payable without any rotice of default being required, in the event of the payment of an instalment. The significancy of the last three sentences of Article 9, Paragraph 1, shall apply by analogy.

 9.4. The Buyer is not permitted to set find any mount against the purchase price to be paid pursuant to a claim from the Buyer on the Seletr or to compensate or augment the payment of the price in any other ways.

- or support the payment of the price in any other way.

 9.5. The Salter reserves the right not to carry out orders at previous deliveries have
 not been paid by the Buyer within the agreed power term. The Salter is not
 responsible for any damage to the Buyer as a consequence of such non-

10. COLLECTION COSTS If the Buyer is in default with regard to one or more of its obligations, all extra judicial collection costs incurred to obtain payment as well as judicial costs shall be for the Buyer's account, with a minimum of 15% of the invoice amount.

- 11. LEABLETY
 11. The Selfer is not responsible for any damage as a consequence of any defect in the delivered goods. If the Buyer claims a defect in the delivered goods, the Buyer shall bodge a complaint in complaince with Aridle 13. The complaint must be described in such a way that it can be verified by the Selfer or a third.
- made of described and all way that it can be retreated by the desert of a third party.

 11.2. The Buyer undertaines to limit the damage for which the Buyer lodges a complaint with the Seter as insuch as possible.

 11.3. In the event of a justified and valid complaint from the Buyer, the Seter's betailty shall be inheliated to the value of the goods, evoluting VM, unless there is gross neighprone or intention on the part of the Seter and/or The Seter shall all any valid event to beliefe for my form of indirect damage to the Buyer, including, but not limited to indirect annote consequential damage or loss of growth.

 The Seter shall furthermore at any vale not be liable for damage caused by the allessof date in the rifetime of the coords.
- The alleged delays in the delivery of the goods.

 Any possible damage claims pursuant to these General Terms and Conditions shall be precluded by the lipse of time if and as soon as one year has lipsed after the delivery of the goods concrened, if such claim has not been submitted to the Seller in writing and sent by registered letter.

- 12. USAGE AND GUARANTEE
 12.1. The Seller quarantees that the goods it is to defiver shall meet the specifications for these goods as much as possible. No guarantees apply to the product specifications.
 12.2. The goods delivered by the Seller are exclusively intended for the growing of crops intended for human or animal usage and/or consumption. The Buyer
- crops intended for human or animal usage another consumption. The Byer exploiting shownedges that the droppe of growth of the crops resulting from another breaf from the purchased goods, even if of the highest quality, depends to a decidede center of the health of the consideration and the Buyer's involvedge.

 12.3.Any guarantee of the Safler shall be carcialled if the Buyer possess the definered goods or has them processed, rests the goods or has them explaced, or incomedy used another stores the goods and the hast them and or stores the goods or has them explaced, or incomedy used and or stores the goods on thas them used another stores the goods and/or has them used and/or stores the goods and/or has them used and/or stores in an incorrect manner.

- 13. DEFECTS; COMPLAINT TERMS

 13. The Buyer shall inspect the purchased goods upon delivery or as soon threatfer as possible. The Buyer shall verify whether the delivered goods are in complaince with the agreement, namely;

 whether the convect goods have been delivered;

 whether the convect goods have been delivered;

 whether the delivered goods need the agreed again, regularments or if there are no such regularments the requirements that can be expected for ordinary use and/or trade purposes.

 13.2 if any visible defects or shortcomings are established, the Buyer shall report them to the Seles within 5 working days after delivery in witting, stating the consignment, consignment of an endot invisice data.

 13.3. The Buyer shall report any invisible defects to the Seler in witting, stating the consignment, consignment of an extrait invisice data within 5 working days and/or start the time at which the Buyer could reasonably have discovered them.
- them.

 13.4. If the Buyer does not report the defects within the above-mentioned terms, the Buyer's complaint will not be death with and its rights will become relict.

 13.5. In the event of a lasting dispute between the parties with regard to the germinative capacity, the pedigree, the purity of the race and technical purity, a let inspection can be curried out by the NAV. Turboow, within has its offices in Redeferracions, the required nail, all the required of or or of the offices in Redidferenciesees, the Netherlands, at the request of one of the parties, for the account of the party found to be in enrol. The results of the primary found to be in enrol. The results of the primary improved the primary for both parties, without prejudice to the parties' right to submit disputes regarding the consequences of such results to the institutions mentioned in Article 2.

14. CULTIVATION ADVICE

The cultivation advice given by the Seller is without engagement. The Seller shall under no circumstance be fastle for any devising results in the cultivation product on the grounds of the cultivation advice given. The Buyer itself shall assess whether the goods and/or advice is suitable for application to the envisaged cultivation.

Seller The seller** The seller*

- 15. FORCE MAJEURE

 15. The ferm force majeure shall be taken to mean the circumstances that obstact the fulfilment of the agreement and which cannot be attributed to the Selber. These shall include, and so the selber these circumstances render such fulfilment impossible or unreasonably difficult strikes at other comparies than that of the Selber, wided strikes or prolicil attribute at the Selber's comparie, a general lack of required raw materials and other goods or services required for the agreed performance, unforeseable delays in the supply from suppliers or other third parties on which the Selber is dependent and general transport problems.

 15.2. The Selber shall notify the fluyer as soon as possible if the Selber is unable to deliver in studies to other in a femily manner due to be one migure.

 15.3. If the situation of force majeure continues for more than two months, both parties shall have the right to dissole the agreement. In such instances the Selber shall not be liable to pay any damages.

- 16. PLANT BREEDER'S RIGHTS OR CONTRACTUAL
 PROTECTION OF ORIGINAL SPECIES
 16.1 Without prejudice to the provisions of the Zasizaad- en Planting Register
 and Planting Materials Act, the self-auditions of the following paragraphs shall
 apply to plant threader's rights and the protection of original species, insolar
 as no other skipulation has been provised in a written agreement.
 16.2 Parent material of appoints protected by any plant breader's right applied for
 or granted in the Netherlands and even yother country, and by the mean of
 a perspetual clause, shall not be used for reproduction or trade.
 16.3. The product, resulting from the vegetable material deberted to the Buyer shall
 only be sold by its name off the specied and possible trade name.
 16.4. The Buyer shall requested, give the Selfer solar solar to the part of all business
 premises where the delivered poods are becated at any firm, so as to enable
 the Selfer to insoper the usuage of each goods. The Selfer shall notify the Buyer
 of its suit in a timely name.
 16.5 If the Buyer finds are marker in the protected species, the Buyer shall report this
 16.6 Lilpon request. the Buyer shall, as soon as possible shar detecting the mutant,
 make assibles to the Selfer material of the markets of the moutant, the Selfer shall related the
 first to request methed of the materials for he moutant for the protect
 right to request methed of the materials for personal for your and are the Selfer
 right to request methed of the materials for personal for your and are the Selfer
- make available to the Soletim interests of the mithest for beating purposes without change. If the Buyer maintain the mutant, it is Soletim shall have been right to request material of the mutants for a period of two years after the Edeler has been rotified in writing of the decision of the mutants by the Buyer. All 16.7. It is prescribed, the Buyer is asserted the facilities of the species from which the mutant is defended, to perform the following achilities with regard to all the material of the species from which the mutant is defended, to perform the following achilities with regard to all the material of the species from which the mutant is defended, to perform the following achilities with regard to all the material of the species from which the mutant is defended, to perform the following achilities with regard to all the material and points of plants, namely.

 a. producing or mulliphing beginning to be achieved to the proposition of the purpose of mulliplications;
 c. offering or otherwise marketing;
 e. exporting;
 f. importing;
 g. storing for one of the purposes mentioned Sub a. and f.
 16.8. The Buyer inclementate as Solet for any damages the Selet has incurred as a result of any violation of plant treatments of acts performed for the purpose of causes in the framework of acts performed for the purpose.

- rights and/or perpetual causes in the transversion of acts perceived or the purpose of carrying out the order. 16.9. The Buyer undertakes to fully cooperate as desired by the Seller, including cooperating with the collection of evidence, in the event that the Seller is engaged in legal proceedings with regard to plant breeder's rights or other intellectual property rights.

- 17. USE OF TRADEMARKS, SIGNS AND OTHER INDICATIONS
 17.1. Unless agreed othernice in writing, the Buyer is not permitted to use teademarks, signs and other marks used by the Safer to distinguish its poods from those of other businesses, and/or to use letterful trademarks, signs and other marks, such with the exception of trading the goods in their displant packaging on which trademarks, signs and other indications have been applied by or for the Safer itself.
 17.2. If the delivered goods are resold, this stipulation shall also be imposed upon the Buyer's own buyer, on penalty of paying damages.

- 18. INDEMNIFICATION
 18.1. The Buyer indemnifes the Seller against any and all claims of third parties for damages which have jallegedly) been caused by or are otherwise connected with any goods delivered by the Seller, including claims filed against the Seller in its capacity as the produce of the goods presurant to be yarrangement with regard to product liability in whatever courtry, unless such damage is caused by gooss negligence or intention on the part of the Seller.
 18.2. The Buyer undertakes to take out adequate insurance against any possible claim string from the indemnification provided for in Arice 18.1 above, which insurance shall be submitted to the seller for approval at the Seller's first request.

1.6. DEFINITION OF TERMS
The deficitions of the terms used by the Seller, in all of its statements, which describe the response of the plants to prest and diseases are as bolivas. The manufact the plant valvely in our differency to a specific pear of cisease. High resistance (RFI): the plant variety prestly limits the growth and development of a specific pear of dessess under normal pear of diseases pressure, compared to associately plant varieties. However, these varieties can allow some diseases empressions or dismage when pear of disease pressure is high. Intermediary resistance (RFI): the plant variety limits the growth and development of a specific pear of dessess, but may show more symptoms compared to highly resistant varieties. Varieties with intermediary resistance will show less serious diseases symptoms or dramage than susceptible varieties under comparable environmental circumstances and/or pear or diseases pressure. Succeptible: the intuity of a plant variety to limit the growth and development of a specific peat or diseases.

Susceptible: the inability of a plant variety to limit the growth and development of a specific pest or disease.

Tolerance: the ability of a plant variety to bear abiotic pressure without serious consequences for its growth, appearance and yield.

- 20.1. The parties shall in the first instance try to settle any disputes arising from or
- 20.1. The parties shall in the first instance by to settle any disputes arising from or in connection with this agreement arisinably.
 20.2.Any disputes arising from or in connection with this agreement shall, if the parties have mutually appeared to arisinable, to settled by the competent citied district court of in the first instance of Amsterdam, unless the applicable mandatory previousno of the law chosen in Article 22 populate that arother court is competent. However, the Seller shall menia authorises to summon the Buyer to appear before the court declared competent according to the law of the relevant international convention.

- 21. MOOFFICATIONS
 21.1 if any significant of these terms and conditions is rual and void, it shall submatically be replaced by a valid stipulation which, to the greatest extent possible has the same meaning as the void stipulation.
 21.2.1 in the event that any of the stipulation of these terms and conditions is ruall and void, the other stipulations shall retain their validity as much as possible.

- Any agreement between the Seller and the Buyer shall be governed by the law of
- Any agreement centered re-the Selfer's countries.

 If the Selfer and Buyer have their offices in different countries, the 'United Nations Convention on Contracts for the International Self-of Goods' shall also apply, to the extent that it does not devide for these offices and conditions and insolar as it is not contrary to the mandatory legislative provisions of the Selfer's country.

