

syngenta.flowers





Dear customer

At the moment of writing the introduction of our new catalogue, most countries are in a lockdown. Streets are empty and many people are worried about their health, their jobs, or the wellbeing of their loved ones.

I truly hope that, by the time you are reading this catalogue, your business has taken a turn for the better. We all have faced difficult moments, when markets were completely locked down and the joy of buying fresh flowers suddenly became inaccessible for consumers. Let's all hope this will soon be an image of the past.

Last year was a tough year in many markets, but now the time has come to find a new horizon.

A world without flowers is a sad world. Flowers are not just a luxury product - they bring happiness and joy to billions of people every day. Especially so in times when physical contact has become restrictive, the merriment of flowers in the

garden has become even more valuable. And in these times with social distancing, there has been a renewed appreciation for walking in parks and public gardens.

These gardens are beautified through your effort to bring our genetics to growers and consumers worldwide. Growers that nurture their plants and bring resilient, colourful, innovative flower products to the markets - for all to enjoy.

Because our industry deserves it, it is important that we work together at our very best to overcome the challenges that face us. Together we will come out stronger - so join me in savouring the fruits of our labour, in every park or garden where beautiful flowers grow.

I wish you a very successful season!

Juul van Loon Head of Syngenta Flowers Business International

^{*} This brochure is for wholesale customers only.

Growers from Europe can visit syngentaflowers.com and growers from US can visit syngentaflowers-us.com.





Serving our customers

Our customer Service experts have the right knowledge to help our valued distributors, growers and retailers to achieve maximum performance from our genetics and grow their business success.

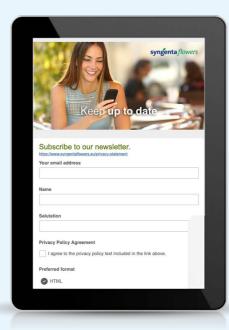
The customer Service team is valued by customers from all parts of the world, for their proactiveness and commitment to support everywhere they can. Even with the logistical challenges that can resemble the business in living plant material, doing business with Syngenta Flowers shows how smoothly and pleasant this can be.

Growers are kindly invited to reach out to their local distributor to purchase our genetics.

Customers can order seeds via: eame.customerservice@syngenta.com

Customers can order vegetative material via: eame.customerservice2@syngenta.com

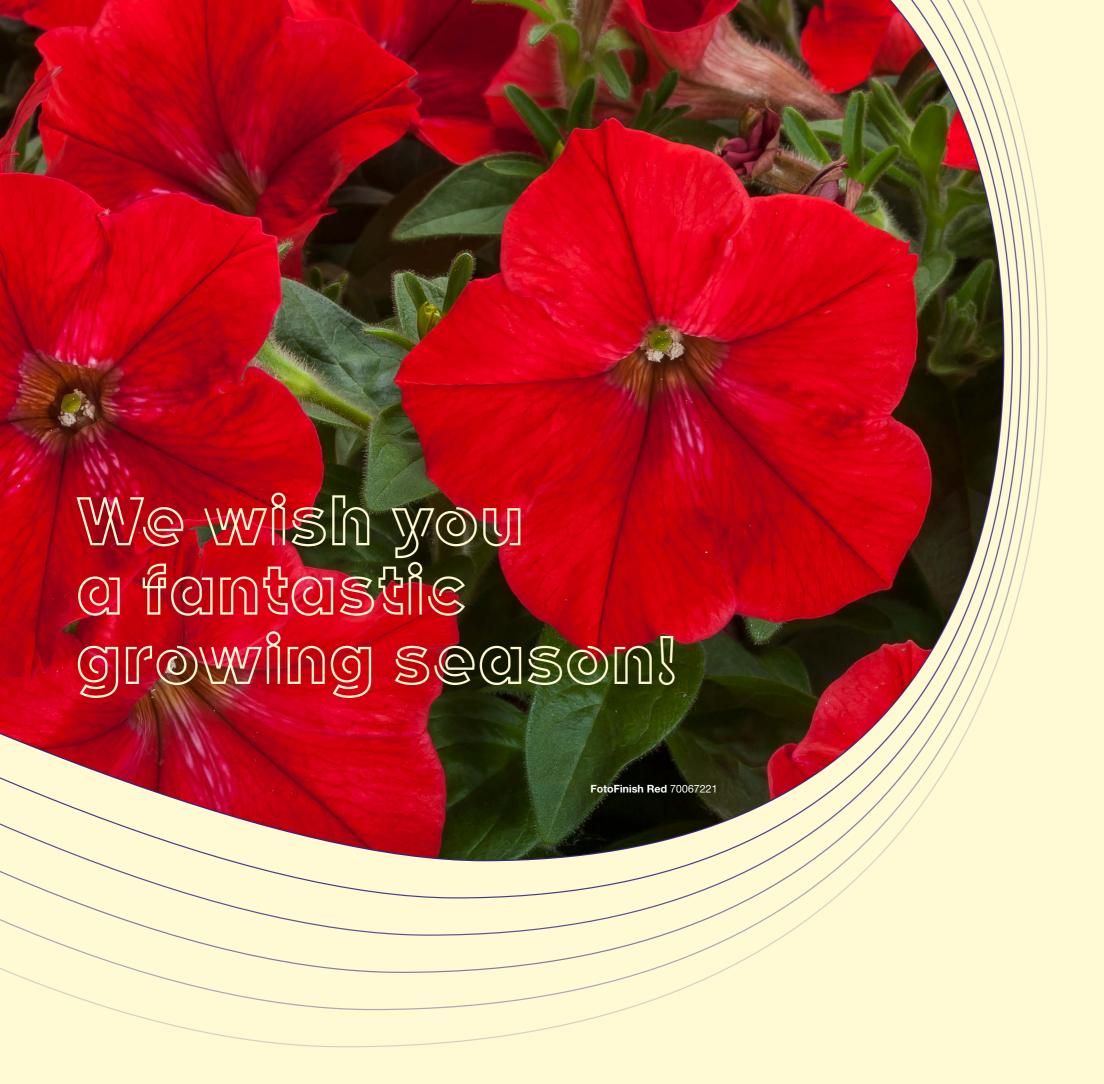
Find more information on: www.syngentaflowers.com/bi.



Don't miss out on our regular updates!

Technical stories, plant performances and other developments in the various ornamental markets all over the world, and more. Easy readable texts, applicable knowledge and tips, directly in your mailbox. But also live video feeds from the major horticultural trade shows and events, showing our key account managers presenting our newest innovations. And webinars from our technical specialists on how to get the best out of our genetics.

Please go to syngentaflowers.com/newsletters and sign up for our newsletter.



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Legend



New Series



New Color



New Variety



Award Winner



Heat Lover



Pollinator Friendly



Drought Tolerant



Strong in sun and shade





Snaptini

Antirrhinum majus

Grow your success with our Snapdragon.

This proven dwarf Snapdragon is distinct from other series by being the most day length neutral series in the market. Snaptini is replacing the wellknown Montego series.

- Strong main stem.
- · Very good basal branching.
- Available in a range of strong colors.



Snaptini Mix 70074492



70075984



70048627







Sunglow 70048629



Scarlet 70048631



70048632



70075985



70048638



Burgundy Bicolor 70048634



70074492

Germ. rate | Product form Pot size Crop time after potting Finished plant shipping month Exposure Packs / March-September 8-10 cm

Snaptastic

Antirrhinum majus



The next generation of multi-season intermediate snapdragons.

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

- Vigorous yet compact.
- Suitable for spring and autumn cultures.

Product form Pot size





80% Pelleted



Red 70048616

PGR



70048611



70048619



Scarlet-Orange 70048614

Crop time after potting | Finished plant shipping month



70069302





Arrow

Antirrhinum majus

Early flowering tall type

Earliest flowering tall series, flowers also under short day conditions.

- Versatile adapts to production in jumbo packs or larger containers depending on retail needs.
- Needs less PGR's if grown outside.



Arrow Mix 70006445



70001205



70001202



70001206





Orange 70006433



Deep Red 70001207



70006445

Pot size 12-15 cm Yes

March-September

Finished plant shipping month 9-11 weeks

Liberty Classic

Antirrhinum majus



Timeless classic.

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

- Upright, intermediate height plants with shapely, central flower spikes that have timeless consumer appeal.
- Provides a classic Snapdragon look with strong, sturdy stems that stand up tall at retail and in landscape beds.

Yellow

Rose Pink

70017918



White



70006428



70017977







Crimson



March-September



40-45 cm

Liberty Classic

Upright Sun

Madame Butterfly

Antirrhinum majus





Graceful beauty.

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

- Striking at the back of borders and when cut and used for indoor floral arrangements.
- Also available in all 8 separate colors.

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure
80%	Raw	12-16 cm	If needed	10 - 12 weeks	March - September	45 - 55 cm	Upright	Sun



syngenta.flowers SEED | ANNUALS

12-16 cm If needed 12-13 weeks

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Overture II

Antirrhinum majus



Tall for the vase.

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

Cutflower



Overture



White 70018083



Yellow 70018084









70018077



70018080

Opus III/IV

Antirrhinum majus



Tall for the vase.

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

Cutflower



Early White 70018060



Early White 70018060



White 70018071

70018063

Germ. rate | Product form



70018064

70018072



10-14 weeks

70018065

Pot size



Lavender 70018062



70018069

. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposi
		In field		12-17 weeks			Upright	
				•				

SEED | ANNUALS syngenta flowers 19

Upright Sun

Exposure

Germ.

85%

BEGONIA BEGONIA



Topspin

Begonia semperflorens



Cool finishing temperatures won't slow this Begonia down!

Great garden performance in sun and shade.

- Can be grown successfully alongside other annual bedding plant crops at temperatures as low as 14 °C (58 °F).
- Save up to 14% on production costs with earlier flowering and faster finish times under any production environment.
- Excels at retail and in the garden with outstanding branching and large, premium flowers.

Not available for European Wholesale.



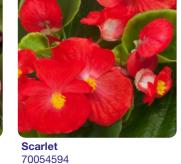


White

70048975 70054592



70058992



PGP Crop time after potting | Finished plant chinning month | Plant height | Habit | Ev

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure
Raw 90%, Pellet 85%	Raw, Pellet	Pack s/ 8-10 cm	No	6-8 weeks	March-June	20-25 cm	Mounding	Sun/Shade





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.

syngenta flowers SEED | ANNUALS SEED | ANNUALS syngenta flowers 21 BEGONIA BEGONIA

Bada Bing

Begonia semperflorens

Perfect for main season sales.

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

- Garden performance great in sun and shade.
- Strong germination and seedling vigor to optimize production from sow to finish.
- Very early flowering with a narrow bloom window for quick turns and bench-run production.
- Compact, well-branched plants ideally sized for high-density production in packs and small pots.



Bada Bing White 70040712

Bada Boom

Begonia semperflorens





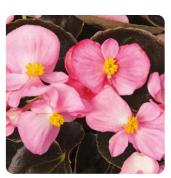
Bada Boom White 70018259



Bada Boom Light Pink 70080127



Bada Boom Rose Bicolor 70018271



Bada Boom Pink 70018245



Bada Boom Rose 70040718



Bada Boom Scarlet 70018246



70018268



Bada Total Mix 70018253



Bada Bing White 70040712



Bada Bing Rose Bicolor



Bada Bing Rose 70018249



Bada Bing Scarlet Imp.



70018267



Plant height Exposure



Pellet 85%

70107353

Raw 90%,

Germ. rate | Product form | Pot size

Crop time after potting

Finished plant shipping month March-June

Sun/Shade

syngenta.flowers SEED | ANNUALS SEED | ANNUALS syngenta.flowers 23 BEGONIA BEGONIA

Eureka - green leaved

Begonia semperflorens

Eureka - bronze leaved

Begonia semperflorens



Volumia







70001163





Bronze White Bronze Bicolor 70001155 70018260



White

70001166

70001157

Scarlet

70003236

Germ. rate | Product form

Raw 90%, Pellet 85%





70001153



70001160

Bronze Pink 70001156







Crop time after potting



Strike it big with built-in heat tolerance for mid to late season sales.

A free-flowering beauty in the garden that delivers season long color.

- Very free flowering combined with best field performance of a
- Very strong branching and tolerant to adverse conditions make this the best choice for landscaping and home garden plantings.
- Exhibits strong plant vigor and branching for fast container fill and outstanding landscape performance.
- Full assortment of well-matched green and dark bronze leaved varieties that hold their foliage color in the heat.

Finished plant shipping month Exposure Sun/Shade

Eureka Bronze Scarlet Imp.

70018276

Volume with class.

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

- More vigorous than other Begonia semperflorens varieties, offering full plants and noticeably larger flowers.
- · Early enough for quick turns, with the necessary vigor to achieve maximum impact in pots and the landscape.
- Ideal for premium retail and bedding applications in small to large pots.







70001170

70001167

70001168

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure
Raw 90%, Pellet 85%	Raw, Pellet	10-12 cm	No	6-8 weeks	March-June	25- 30 cm	Mounding	Sun/Shade



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BEGONIA

Tophat

Begonia x Hybrida



The biggest blooms and fastest finish put Tophat ahead of the pack.

Tophat is the new vigorous growing Begonia with extra large flowers for landscaping and large containers.

- Up to two weeks earlier flowering with larger flowers.
- The only series that contains white and a beautiful bi-color, next to scarlet and pink.
- Much better branching than competition for faster pot fill.



70067189

85% Pellet

Germ. rate Product form







Rose Bicolor 70076221

PGR

12-17 cm

Crop time after potting | Fir

Finished plant shipping month | Plant February-June | 40

ght Habit Uprigl

Exposure Sun/Shade

ht Habit Expo

Bowler

Begonia x Hybrida



Contrasting flowers and foliage will bowl you over.

Vigorous, bronze leaf Begonia with large flowers and a unique, branched and mounding habit.

- Ideally suited for landscaping and hanging basket production, yet versatile enough to also work in large packs.
- Chocolate-bronze foliage contrasts beautifully with large, bright white flowers.
- Bit more compact than Tophat.
 Note: may contain up to 3% green leaved plants.



Bowler White 70080130

White 70080130

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure
90% Raw, 85% Pellet	Raw/Pellet	10-15 cm	If needed	6 - 8 weeks	February - June	30 - 45 cm	Mounding	Sun

Tophat White 70067189, Scarlet Imp. 70076218, Pink 70054554, Rose Bicolor 70076221

Braveheart

Begonia x Hybrida



Not your typical Begonia.

An enchanting bicolored hybrid that excels in landscape performance. Unique choice among our Heat Lovers.

- · Colour intensifies in cooler weather.
- Grows also at low temperatures.
- Large, showy plants need little maintenance and continue flowering through periods of water stress.
- Flowers early for faster finish in large premium pots, combinations, and baskets.



Braveheart Berose 70001138

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure
90% Raw, 85% Pellet	Raw, Pellet	12-16 cm	No	9-12 weeks	March-June	40-60 cm	Upright	Sun/Shade

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BEGONIA CATHARANTHUS ROSEUS (VINCA)

Limitless

Begonia tuberhybrida

Shade lover in a wide range of basic and special colors.

Very large, semi to fully double flowers in a very wide range of colors.

- Up to 7 days earlier flowering than competition.
- Very little to no PGR required for optimal plant habit. Not available for European Wholesale.



Limitless



Compact Salmon Shades



Compact Velvet Red



Cream Shades 70090040



Dark Red 70089787



70089782



70089790

Sunrise

70089795

9 - 12 weeks





70089789



Lemon



70089783

March - June



Formula Mix 70090209



Finished plant shipping month

Cora XDR

Catharanthus roseus (Vinca)



The vinca that fights back!

Easier to grow: improved branching, uniformity, and flower-power ideal for premium packs and small to larger pots.

- Reduced risk: offers season-long flowering and survival in landscape plantings.1
- This vinca is powered by high levels of resistance to multiple strains of aerial Phytophtora.
- Higher consumer appeal: large showy flowers in the widest range of solid and high demand bicolor patterns of any disease resistant vinca on the market.

¹Highly resistant to ten of the most virulent isolates of Phytophthora nicotianae that cause Phytophthora blight on annual vinca (Confirmed in collaboration with Clemson University; These isolates were found at growers and in landscapes across the southern U.S.)



70066855



Polka Dot 70064211



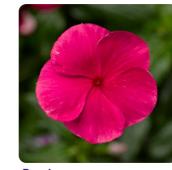
70066872



Deep Strawberry



Apricot 70076526



Punch 70071683



70064213



70064217



70064215





70066888



70081609



10-12 cm If needed

8-11 weeks

April-Septembe

Mounding Sun

Salmon Rose

70089793

10 - 14 cm If needed

CATHARANTHUS ROSEUS (VINCA)



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CATHARANTHUS ROSEUS (VINCA) CATHARANTHUS ROSEUS (VINCA)

Cora

Catharanthus roseus (Vinca)

Rockin' red.

Still the only true-red vinca on the market with resistance to aerial Phytophthora.

- Worldwide proven aerial Phytophthora tolerance makes this large flowering unique hybrid the 1st choice in the sun!
- Grow as a core color to round out the upgraded Cora XDR range.



Cora Classic Red 70035155

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



Cora Cascade

Catharanthus roseus (Vinca)

There's none other like it.

F1 hybrid uniformity and vigor build a premium package no found in other trailing vinca.

- The only trailing vinca powered by high levels of resistance to multiple strains of aerial Phytophthora.
- The mounded, spreading habit is ideal for summer baskets, mixed containers, and large landscape beds.
- Large, high-quality flowers completely cover plants creating blankets of color lasting all season long.



Apricot Imp. 70071702



White Imp. 70071694





70018420



Lavender with Eye 70064221



Lilac 70018417



Strawberry 70038521



Shell Pink 70052738





Cherry 70038519



70051971



70018422

Germ. rate | Product form | Pot size

10-12 cm/ Hanging baskets

PGR If needed

8-11 Weeks

Crop time after potting

Finished plant shipping month April-September

20-25 cm but spread 50-60 cm

CATHARANTHUS ROSEUS (VINCA) CLEOME

SunStorm

Catharanthus roseus (Vinca)

Sparkler 2.0

Cleome hassleriana (spinosa)



Puts the heat on.

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

- Low input costs for profitable high-density production.
- Well branched and naturally free-flowering plants require little to no PGRs.



Pure White



Orchid Halo

70018333

Light Blue

White with Eye 70001116



Blush



70018328



70001133

Packs/9-11 cm No





Apricot 70001114 & White with Eye 70001116





70001114

Deep Pink

Purple

70018358

April-September



Rose with Eye 70001129













20-25 cm



Scarlet with Eye

70001122

Bright Red

Mounding Sun

Brawn and beauty for seasonextending programs.

F1 hybrid vigor and uniformity offer easy production and superior landscape performance. Heat-loving annual holds up to summer stress and provides reliable height and structure to landscape beds.

- No priming required, improving seed quality and uniformity of young plant stands.
- More compact habit allows for larger-scale production in smaller formats.
- Improved with richer, eye catching color, and better branching for quick repeat flowering.



Sparkler 2.0 Mix 70105466









Germ. rate | Product form | Pot size

70059771



Blush 70059757



Crop time after potting

Rose 70059762



70059776



70105466

60-80 cm

Exposure Upright

14-18 cm 10-12 weeks

April-June

CUPHEA / DAHLIA DAHLIA / DIANTHUS CHINENSIS

Sriracha

Cuphea llavea





Spice up your summer programs.

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.











70058804 70036333

70036329 70036330

Product form Pot size

10-14 cm

Yes

Crop time after potting 8-11 weeks

Finished plant shipping month April-June

30-40 cm

Upright

Fresco

Dahlia x Hybrida



A compact garden Dahlia, loaded with fully double blooms.

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.

- Uniform in height, habit, and timing.
- Brilliantly colored mixture.



Formula Mix 70001039

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure
70%	Coated	Packs/9-12 cm	If needed	7-9 weeks	March-May	20-25 cm	Upright	Sun

Harlequin

Dahlia x Hybrida



A mix of spectacular bi-colors.

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

- Whimsical, semi-double bicolor mixture is sure to delight at retail and in the garden.
- Early to bloom, uniform and well-branched habit.



Formula Mix 70001040

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure
70%	Coated	9-12 cm	If needed	6-8 weeks	March-May	25-30 cm	Upright	Sun

Venti Parfait

Dianthus chinensis

Mega sized show stopping blooms.

Super large flowers that cover the plants completely and can be grown for both spring and autumn sales.

- The next generation of Super Parfait Dianthus, with megasized, showy blooms on compact and well branched plants
- Greater plant vigor easily fills retail-ready containers and provides extended garden color.
- · Bold bicolors add class and vibrancy to the series.







Crimson Eye 70027330



Crimson 70038525

Strawberry Shades 70064365

If needed 9-11 weeks

March-June

25-30 cm

Mounding Sun

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DIANTHUS CHINENSIS DIANTHUS

Super Parfait

Dianthus chinensis

Showstopping blooms.

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

- Economical to produce—adaptable to high-density production and requires minimal heating inputs.
- Well branched and vigorous growing in the garden for seasonextending color.









70019271



70019285

Germ. rate | Product form | Pot size

Strawberry

70002706

If needed 9-11 weeks

March-June

Crop time after potting | Finished plant shipping month | Plant height 20-25 cm

Exposure Mounding Sun

Charm

Dianthus chinensis

A charming favorite.

Great for garden beds and container plantings.

 Large showy scarlet flowers on compact plants with outstanding retail appeal.



70003110

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure
85%	Pellet	9-11 cm	If needed	9-11 weeks	March-June	20-25 cm	Mounding	Sun

Diabunda

Dianthus x barbatus



A bounty of bicolors.

A compact Sweet William type that is programmable with uniform habits and timing for easy, efficient production in packs or in

- Faster and easier to flower for early-spring and fall sales compared to traditional Dianthus barbatus.
- Striking colors, including bicolors make these familiar flowers a hit at retail.



70019221



Rose 70019220



Red Picotee 70019218



Purple Picotee



Purple 70019213



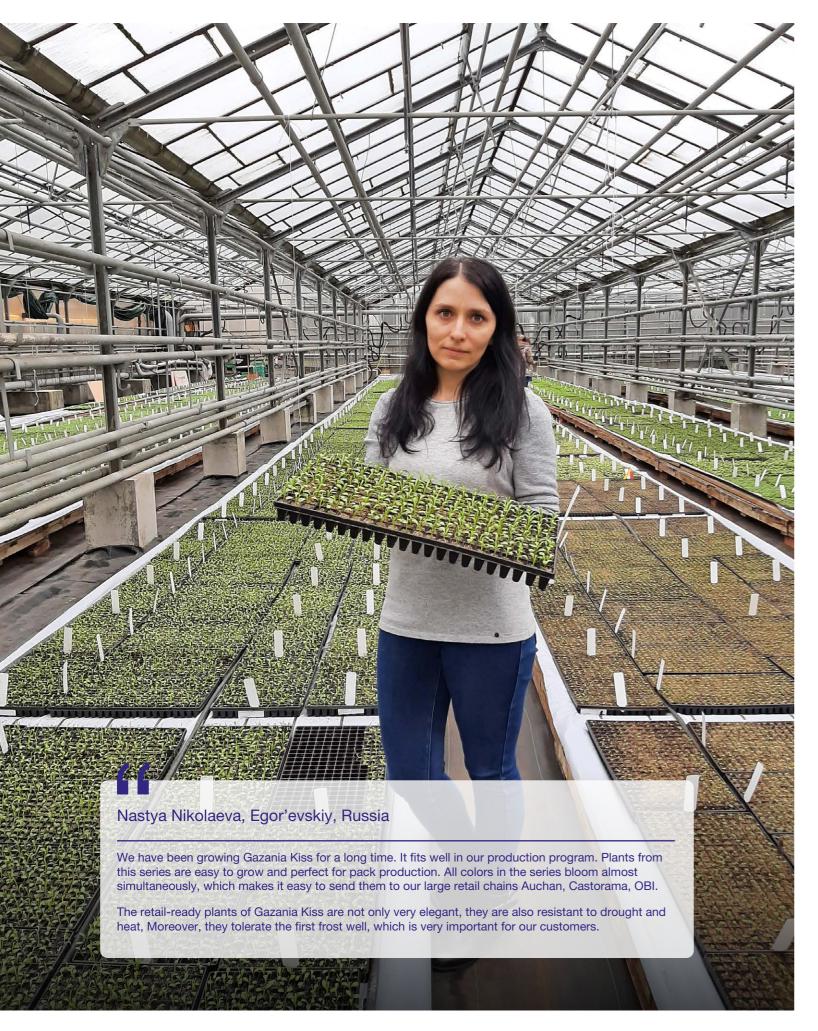
70019212



70006748

Finished plant shipping month | Plant height Exposure Raw, Pellet 11-14 cm If needed 8-10 weeks February-July 25-30 cm Mounding Sun

GAZANIA GAZANIA



Kiss

Gazania rigens





Bring a Kiss of joy to your world.

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

- Very uniform between all colors, making production more efficient and easy.
- Perfect for larger packs and smaller pots.



Kiss Orange Flame 70019468







Yellow 70041326



Yellow Flame 70003658



Rose 70007964



Orange 70007963



Orange Flame 70019468



70002733



Germ. rate | Product form | Pot size

PGR | Crop time after potting Packs/9-12 cm No 8-10 weeks

Finished plant shipping month | Plant height February-June

20-25 cm

Upright

Exposure

GAZANIA GAZANIA

Big Kiss

Gazania rigens



Super-sized flowers on vigorous plants.

Huge, striking 12 cm blooms held en masse above attractive foliage make a striking display on the retail bench or in the garden.

- Full, bushy habits easily fill large containers.
- This heat-loving, drought tolerant beauty creates a dependable product to extend the season for premium retail sales.



Yellow Flame Imp. 70041321

White Flame Imp 70045993



Frosty Kiss Gazania rigens



There is nothing cold about this Kiss.

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.

- Silver foliage companion to Kiss series, provides additional retail and garden interest even when flowers are closed.
- Earlier and more uniform flowering than other Gazania series with silver leaves for easier and more economical production.



Frosty Kiss Mix 70059481



70034962



White Flame Imp



Yellow Flame Imp. 70041321



Yellow 70034958



White

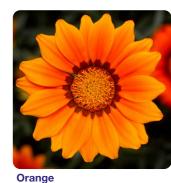
70019469



White Flame 70027332



Yellow 70019470





Orange













70019466



Red 70035166



70059481



Upright

Germ. rate | Product form | Pot size

Crop time after potting If needed 10-12 weeks

February-June

Finished plant shipping month | Plant height 25-30 cm

Upright

Exposure

Germ. rate | Product form | Pot size

Packs/9-12 cm No

8-10 weeks

PGR | Crop time after potting

Finished plant shipping month | Plant height February-June

20-25 cm

Exposure

syngenta.flowers SEED | ANNUALS SEED | ANNUALS syngenta flowers 43 GAZANIA HELIANTHUS ANNUUS

Gazoo

Gazania rigens



If you like it big: Gazoo.

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.

- A lower cost, open pollinated alternative to hybrid Gazanias.
- Distinctive extra large flowers on vigorous plants are ideal for large, showy pots.
- An assortment of unique, clear color flowers, plus those with traditional rings, make a compelling retail offer.



Gazoo Red with Ring 70000990



Clear Vanilla 70000991



Clear Yellow 70000989



Yellow with Ring



Clear Orange 70000988





Red with Ring 70000990



Formula Mix 70000995



February-June 25-30 cm



syngenta.flowers SEED | ANNUALS SEED | ANNUALS syngenta flowers 45 HELIANTHUS ANNUUS IMPATIENS

Sunfinity

Helianthus annuus

Endless Blooms. All Season Long.

The next generation of sunflower offers nonstop blooming and continuous flowers all season long. This facultative long day plant with fast crop times is well suited for late spring and early summer.

- Extends the retail season with a premium product offer, ideal in 20 cm and larger containers for landscape use or in larger patio pots.
- Provides extended shelf-life compared to short-lived regular pot sunflowers that cannot be sold after first flower.
- Multi-blooming plants allow home gardeners the opportunity to cut and enjoy flowers indoors as well as in the garden.
- Complete branding package available to support and drive retail

Not available for European Wholesale.



Yellow Dark Center 70052829

Germ. rate	Product form	Pot size	Pinching	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure
85%	Raw	>20 cm	Yes	Yes	7-9 weeks	April-September	40-70 cm	Upright	Sun



Imara®

Impatiens walleriana

Take back the shade!

The first Impatiens walleriana with a high degree of resistance to downy mildew.

- Proven landscape performance that fights back with reliable flowering all season long.
- Easy and economical to produce, with a compact branching habit ideal for high density growing in packs and pots.
- A complete range of core and novelty colors in one disease resistant series.
- The XL is much taller and more vigorous: up to 40 cm height.

Not available for European Wholesale.



White 70072429



70085088



70078043



Rose 70072423

Imara



Orange Star 70072427



Orange 70078042



Red Star 70085103





Violet 70072435



Purple 70078047



70082997



70092622

Germ. rate | Product form | Pot size Packs/ 9-11 cm

PGR

Crop time after potting

Finished plant shipping month | Plant height March-July

20-25 cm

Habit Exposure Mounding Sun/Shade

syngenta.flowers SEED | ANNUALS

IMPATIENS IMPATIENS

Xtreme

Impatiens walleriana

Excellence under high-density pressure.

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

- Perfect for high-volume, high-density pack and pot production with no compromise in plant quality at retail or in the landscape.
- Uniform and early flowering with short internodes and incredible branching across the series.
- Non-stretching habit extends shelf life with minimal-to-no PGRs.



Xtreme Salmon 70041356

Orange

70007944

Hot! Mix

70019645

Mounding Sun/Shade

70007941

Scarlet

70041357

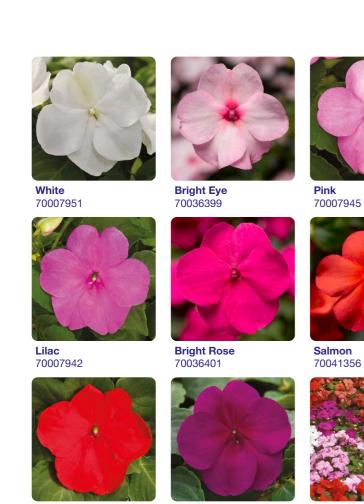
Pastel Mix

70019646

Finished plant shipping month | Plant height

15-20 cm

March-July



Accent Premium

Impatiens walleriana

When large, high-quality blooms and strong garden vigor matter most.

The next generation of large flowered, uniform Busy Lizzy.

- Excels in climates with short growing seasons, where strong plant vigor provides consumers with full flower
- · Withstands cooler growing conditions and other environmental stresses.



Accent Premium Pink 70034869



White 70034867





70034870



70034869



Violet Star 70034876



70034871



Violet 70034872





Salmon 70034873



70034874



70034875



70038516

Germ. rate | Product form | Pot size Packs/

Crop time after potting

Finished plant shipping month

Plant height 20-25 cm

Exposure Sun/Shade

70007946

Packs/9-11 cm No 6-8 weeks

70007943

PGR | Crop time after potting

70007950

IMPATIENS IMPATIENS

Accent

Impatiens walleriana

When large, high-quality blooms and strong garden vigor matter most.

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

• Slightly more vigorous than the Accent Premium varieties, these additional Accent varieties broaden the range with more highdemand star pattern colors and unique solid hues.



Accent Star Mix 70002765

Deep Pink



70034240



Burgundy



70019615



Star Mix

70002765

Plant height 20-25 cm

Habit

Florific

Impatiens hawkeri

The new standard for uniformity from seed.

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
- Can also be used as an short term indoor plant.
- Best performing in semi-shade.
- Sweet Orange was awarded with both the Fleuroselect Gold Medal Award and the All-American Selection Award!



Florific Sweet Orange 70019990



White 70019978



Sweet Orange 70019990



Lavender 70019983

85%



70019982



70019984



70019980

Germ. rate | Product form | Pot size

PGR

Finished plant shipping month March-July

Exposure Sun/Shade Germ. rate | Product form | Pot size

11-14 cm | If needed | 8-12 weeks

Crop time after potting

Finished plant shipping month | Plant height April-September

25-30 cm

SEED | ANNUALS

Exposure Mounding Semi-Shade LAURENTIA NICOTIANA

Starshine

Laurentia axillaris

Intergalactic flower power.

A great alternative to cutting varieties with a rounded and mounded habit.

- Starshine works ideal in baskets or as a component in premium mixed containers.
- Unlike many other Laurentia, Starshine creates well branched plants that flower without the need for long days.
- This unique, early-season annual offers a touch of blue to the retail assortment and exhibits very good heat tolerance.



Starshine Blue 70002817

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure
85%	Raw/Pelleted		lf	10 - 11 weeks	March - June	20 - 30 cm	Mounding	Sun
		Hanging baskets	neeaea					



Saratoga

Nicotiana alata

The best Nicotiana hybrid available.

Eye-catching flowers for use in sunny or shaded garden beds and as accent plants in premium containers.

- Bushy plants are easy to manage and bloom in packs and small containers.
- Eye-catching flowers are held upright for maximum visual impact.
- Great when used in sunny or shaded gardens and as accent plants in combinations.



Saratoga Mix 70002856



70002853



70002854





Purple Bicolor



Rose 70002852



70002851



70002856

Packs/9-12 cm | If needed | 7-9 weeks

Crop time after potting

Finished plant shipping month April-July

Upright Sun/Shade

OSTEOSPERMUM PELARGONIUM

Asti

Osteospermum ecklonis

Bubbles of joy.

Easy growing Osteospermum from seeds available in separate colors. Great alternative for cuttings.

- A uniformly compact and branching Osteospermum, ideal for high-density growing in small pots.
- Offers easy, no-pinch production with all the efficiencies of mechanical handling of seed grown plants.
- Asti White was awarded with the All-American Selection Award!



Asti Purple Bicolor 70041361



White 70007848



Purple Bicolor



Lavender Shades 70019997



Purple 70007847



Mix 70019998

Upright

Tornado

Pelargonium peltatum



A basket sensation.

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

- Perfect for basket programs, a naturally trailing and free-flowering alternative to cutting ivy geraniums.
- Economical to produce with a fast crop time and no need to pinch or apply PGRs.
- High tolerance to edema makes more salable plants and reduces shrink.









Pink 70000780



Lilac 70000784



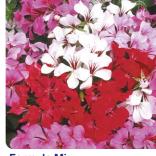
Fuchsia 70000783



Bicolor Duet 70000782



70000786



Formula Mix

Germ.	rate
85%	

Exposure

Germ. rate | Product form | Pot size 11-13 cm/

Hanging baskets

Crop time after potting | Finished plant shipping month | Plant height

SEED | ANNUALS syngenta flowers 55

syngenta.flowers SEED | ANNUALS

PELARGONIUM PELARGONIUM

Maverick

Pelargonium x hortorum

A classic garden beauty.

range make this series ideal for mid to large premium pots.

- High-quality, vigorous plants quickly fill larger pots.
- Large, premium flowers have high retail



Vigorous plants with large flowers in a wide color

- impact.



Pinto Premium

Pelargonium x hortorum



The market leading seed geranium... with good reason!

Well-branched, vigorous plants adapt easily to high density production in small pots, yet have outstanding garden vigor.

- Very uniform and early flowering simplifies planning and production to reliably target spring promotions.
- Large, high quality flowers on short stems are easier to ship and have high impact at retail.
- Offered in a broad assortment of vibrant colors and novelty patterns.
- Pinto Premium White to Rose has won the All-America Selections award for performance in North American
- The variety was also awarded with a Fleuroselect Gold Medal, having obtained one of the highest scores ever achieved in the Fleuroselect pack trials including a 1.89 out of a possible 2.0 points for innovation.



Pinto Premium White to Rose 70035021



White 70007887



Rose 70035016



70035174

70007885





Violet Picotee 70045907



Scarlet





70035176

March-June

Crop time after potting

10-12 weeks



70020524







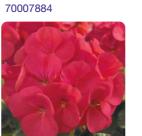






70020575





Coral 70020467





White 70020520



Lavender Rose 70035014

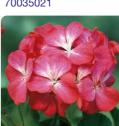


Coral 70006966

Germ. rate | Product form | Pot size



White to Rose 70035021



Rose Bicolor 70041412



Violet 70006956

10-12 cm



Salmon 70000819



Orange 70058303



Deep Scarlet 70020522

10-12 weeks



Orange Bicolor

70035017

Deep Red

70006959

March-June





70006965

Deep Rose Imp.



Mix



Upright

Germ. rate | Product form | Pot size

Finished plant shipping month | Plant height

PELARGONIUM PELARGONIUM

Ringo 2000

Pelargonium x hortorum

Makes spring promotions effortless.

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

- Compact and versatile habit is ideal for small pots and large packs grown at high densities.
- Strong garden vigor provides reliable, season-long color.



Ringo 2000 Formula Mix 70000805



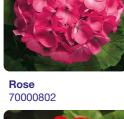
70000801





Germ. rate | Product form | Pot size

Violet 70000809





Deep Scarlet



Salmon 70000808



Crop time after potting

Deep Red 70000807

March-June



Scarlet Star 70000806





Finished plant shipping month | Plant height



30-35 cm

Deep Rose

70000791

Upright

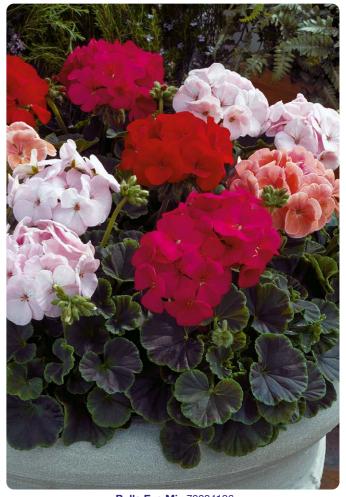
Bulls Eye

Pelargonium x hortorum

Eye-catching leaf color sets Bulls Eye apart.

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

- Rich, chocolate foliage contrasts beautifully with brightly colored flowers.
- Works well alone or in mixed containers where the foliage provides added interest.
- Versatile plant habit, with high responsiveness to Plant Growth Regulators (PGRs), can be grown in a wide range of small to large containers.



Bulls Eye Mix 70004126







70002901



Germ. rate | Product form | Pot size

10-12 cm

Cherry 70002899



Crop time after potting

10-12 weeks

70034977



Finished plant shipping month

70002902

March-June



70004126

Upright Sun

syngenta flowers SEED | ANNUALS

SEED | ANNUALS syngenta flowers 59

PELARGONIUM PENTAS

Multibloom

Pelargonium x hortorum



Fast to the finish.

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

- A dwarf habit and fast flowering make this the perfect series for spring promotions.
- Very early to flower with incredible flower power.
- An average of 15–20 blooms per plant provide a blast of color at retail for fast sell-through.



Multibloom Mix 70020563



Beebright

Pentas lanceolata



Fastest finish for packs and small pots.

Compact heat lover ideal for packs and small pots. Very early flowering with high uniformity. Flowers held on top of the foliage for high impact at retail and in the garden. Available in four distinct colors including best-in-class BeeBright Red.

- On average one week faster than the competition.
- Tight uniformity and consistent compact habit across all colors.
- Extremely free flowering with fast flower follow up in the greenhouse and the



70041063









70069304

85%

Germ. rate | Product form | Pot size Packs/10-12 cm | If needed | 9-10 weeks

PGR

Crop time after potting | Finished plant shipping month | Plant height | Habit March-June

25-30 cm

Exposure Upright



syngenta flowers SEED | ANNUALS SEED | ANNUALS syngenta.flowers 61 PENTAS PETUNIA

Honeycluster

Pentas lanceolata



Excellent value for midsize containers.

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.

- Quick fill and fast finish for mid-to-large pots and landscape applications.
- Flowers held above the foliage provide high-impact color.
- Delivers the vigor and flower power to stand up to heat and make premium season extending containers.









70069303



Germ. rate | Product form | Pot size

10-15 cm

70038536

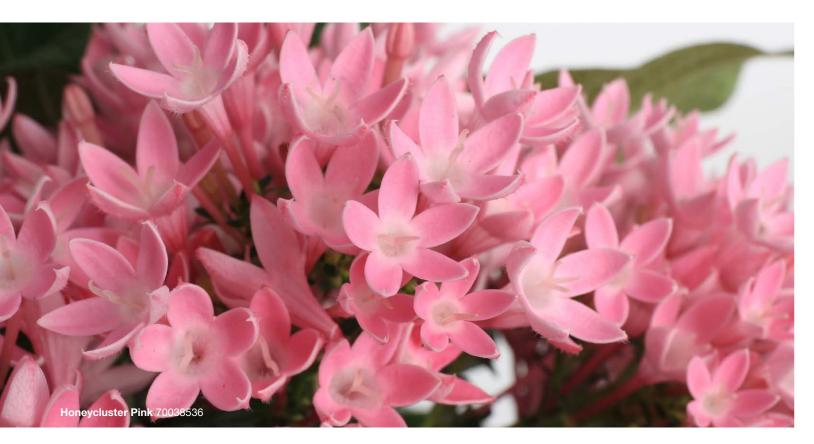
If needed 9-10 weeks

Crop time after potting | Finished plant shipping month | Plant height | Habit March-June

70038537

35-40 cm

Upright





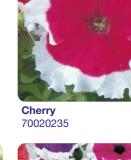
Frost

Petunia grandiflora

Fresh and bright.

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.
- Large, showy blooms edged in white, provide striking bicolor contrast.
- Vigorous, upright and branching habit fills pots and garden beds.





70008781







Velvet 70002531

70020232

70020243

Germ. rate | Product form | Pot size PGR Finished plant shipping month Packs/9-11 cm 7-9 weeks March-July 85% Pellet

syngenta flowers SEED | ANNUALS

Raw: 85% - Pellet: 80%

Tritunia

White

70000745

Salmon

Purple

70000762

70040996

Petunia grandiflora

Best of the best.

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.

- The most complete range of traditional, large flowered Petunias to meet your spring bedding needs: includes bright solids, crisp bicolors, veined, and other novelty patterns.
- Ideal for both packs and pots with strong garden
- Matched for uniformity in habit and flowering with a tight bloom window for easy scheduling. Selected for earliest flowering, especially under short dark winter and early spring days.

Fresh White

70007924

Lavender

70065666

Red

70065673

Pink

Blue

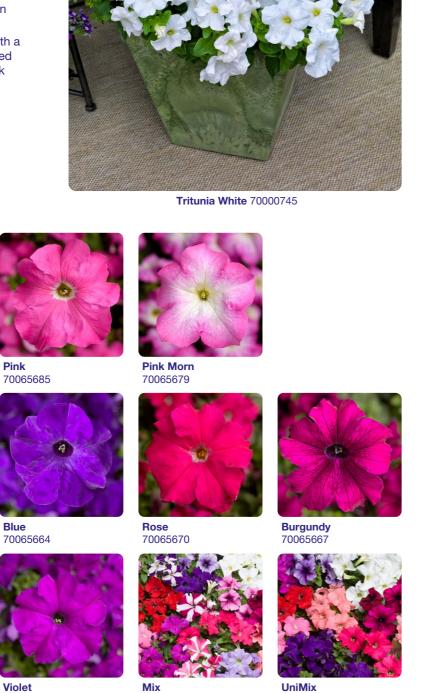
Violet

70065680

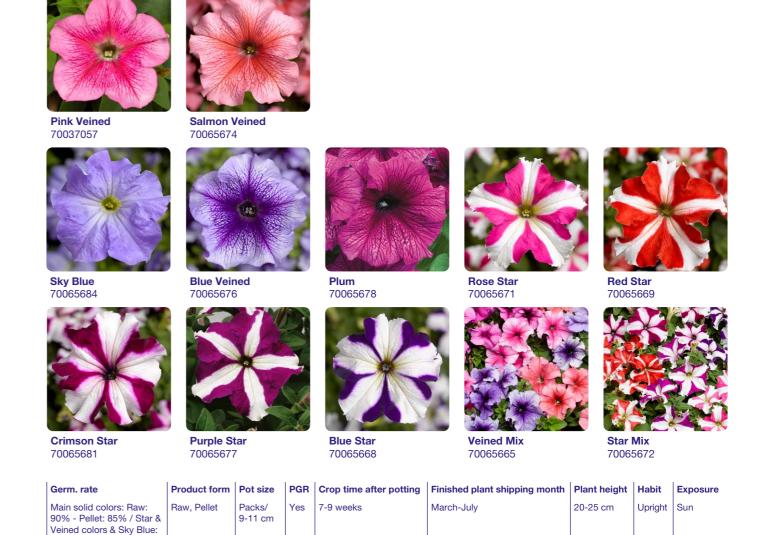
70065675







70067444





syngenta.flowers SEED | ANNUALS

Duvet

Petunia grandiflora

A tidy blanket of color.

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

- Uniform series of genetic compact plants topped by large showy flowers.
- Ideally suited for high-density production in packs or small pots with little to no PGRs. Compact but with good vigor in the garden.
- Early and uniform flowering, even under short days.
- Non-stretching plants are efficient to ship and merchandise on racks.



Duvet Salmon 70040985





Red Burgundy 70059297



70040981

No

6-8 weeks



Blue 70040974



15-20 cm Mounding Sun

70048780

Hurrah

Petunia multiflora

The fan favorite.

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.

- Long-time, favorite standard, multiflora Petunia for early season blooms and long-lasting garden performance.
- Early and uniform flowering window even under low light conditions for easy scheduling and shipping.
- Fills garden beds fast with vigorous, mounded plants covered with medium size blooms.



Hurrah Blue Veined 70006996



White 70000724



70000706

70006994



70000705



Velvet 70000735



Rose Star 70000711



Rose 70000715



Germ. rate | Product form

Raw, Pellet

Lavender Tie Dye

Red Star 70000727



Yes

70000726

Packs/8-10 cm



70006996

PGR | Crop time after potting

7-9 weeks



70006995

March-July



70000709

Finished plant shipping month | Plant height | Habit | Exposure 25-30 cm Upright Sun

syngenta flowers SEED | ANNUALS

Packs/8-10 cm

Damask

Petunia multiflora

Tough as nails.

Bred for high-density production in packs and small pots with little-to-no PGRs. Naturally compact, nonstretching plants offer extended shelf life and are easy to ship and merchandise on racks.

- Early, uniform, and free-flowering plants finish fast even under the short days of early spring.
- Tidy plants have excellent weather tolerance and deliver season-long garden performance.



Damask White Imp. 70067200



White Imp. 70067200



70041004

Rose

70059270



Salmon 70059267



Carmine 70041002







Red

70037044







70059273



70054382

Product form Pot size Crop time after potting | Finished plant shipping month | Plant height | Habit 6-8 weeks Packs/8-11 cm No March-July 15-20 cm Mounding Sun

Picobella

Petunia milliflora

Pretty and petite.

Uniquely miniature flowers offer a special addition to the Spring retail mix. Easy and economical to grow, delivering high color impact in borders, beds and mixed containers.

- Miniature flowers and petite plants offer a unique addition to the spring retail mix.
- Easy and economical to grow extra early flowering with no special growing regime required and no need for PGRs.
- Perfect for small borders, beds, and mixed containers - strong vigor but won't overgrow companion plants.



Picobella Rose Morn 70024118



White 70007670



Salmon Imp. 70035049



Rose Morn 70024118







70054306



Lavender Imp. 70054309



Rose 70007668



Germ. rate | Product form

Raw, Pellet

70035048



70007666

Packs/8-11 cm No



70007665



0007838

Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposur
6-8 weeks	March-July	20-25 cm	Mounding	Sun

FlashForward

Petunia milliflora

Plays well alone and with others.

A miniature flowering, spreading Petunia perfectly suited for basket, mixed container, and premium pack programs. Flashforward replaces the Picobella Cascade series.

- Less day length sensitivity provides extra early flowering in 9-10 weeks from planting, even under short day conditions.
- Tidy plants hold longer at retail than traditional trailing Petunias and don't overgrow companions in mixed containers.
- Extremely free flowering all summer long even under difficult garden and weather conditions.



FlashForward Lavender 70099068

Lavender

70099068



70099066



70099063



Red 70098899





Pink 70099065



Salmon 70098897



Coral 70099064



Pink Glo 70098898



Sky Blue

Crop time after potting | Finished plant shipping month



Mix 70099092

Plant height | Habit

Exposure

FotoFinish

Petunia pendula

Fastest to finish.

The most uniform spreading Petunia series with perfectly matched plant habits and flowering

- Extra early flowering and reduced day length sensitivity provides programmable flowering in 9-10 weeks.
- · Extremely free flowering with masses of color all over the plants.
- Includes the unique Rose Star.



FotoFinish Rose Star 70083162



Blue 70061717



Burgundy 70061720





Salmon 70065697





70067220



Red



70083138



70083160



70083162





Pot size Crop time after potting | Finished plant shipping month | Plant height | Habit Germ. rate Product form 10 - 12 cm Spreading Sun 9 - 10 weeks March - June

Product form

Pot size

Hanging baskets

PETUNIA SALVIA

Skybox

Petunia pendula

Expand the horizon of spreading petunias.

Greatness is on the horizon and it comes from seed. A true grandiflora type with real large

- New class of large-flowered spreading petunias for high-impact pots and hanging
- Reliably targets early season sales with extra early flowering, even under short days, on a tidy and easy to manage plant
- Very uniform and showy star pattern provides a high-quality option at a great price for high volume spring promotions.



Skybox Rose Star 70067243

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure
85%	Pellet	11-13 cm/	Yes	9-11 weeks	March-July	25-35 cm	Spreading	Sun



Flamex 2000

Salvia splendens

The reliable field performer.

Flamex 2000 is an ideal pot item, bearing intense scarlet-red flowers over dark green foliage.

- Early and well branched.
- Excellent garden performer.



Flamex 2000 70000625

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure
85%	Raw	10-14 cm	No	7-9 weeks	March-July	25-30 cm	Upright	Sun

Salsa

Salvia splendens

Brings spice to your pack production.

- Day-length neutral Salsa offers multiple quick turns per season, and its compact habit is ideal for packs and small pots.
- Reliably early flowering thanks to the day-length neutral characteristic.
- Available in a large range of colors.



White 70020787

Scarlet Bicolor



Rose 70020785



Burgundy



Scarlet 70007775



Salsa Mix 70007600



70020790



70007600

Crop time after potting | Finished plant shipping month | Plant height | Habit Packs/8-10 cm No 6-8 weeks March-July

SANVITALIA

Queen of Sunlight

Sanvitalia speciosa

Exceptional uniformity and compactness from seed.

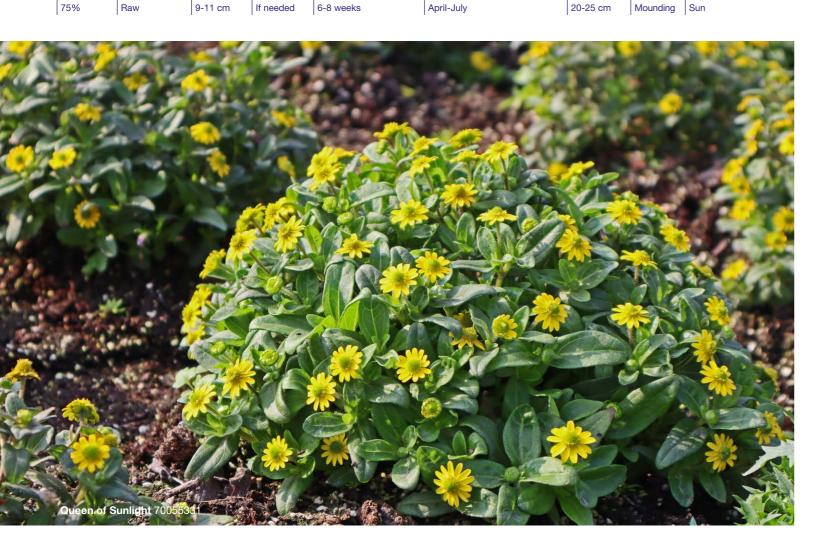
Heavily branching, uniform and compact with masses of flowers make this seed raised Sanvitalia a true alternative to cuttings.

- Easy to produce in small pots, at high densities, or as a premium hanging basket.
- Makes an excellent addition for mixed combinations or for use as a cheerful patio plant.
- For best and most uniform pot fill: use 3 seeds per plug.



Queen of Sunlight 70055331

Germ. rate | Product form | Pot size | PGR | Crop time after potting | Finished plant shipping month | Plant height | Habit





Antigua

Tagetes erecta



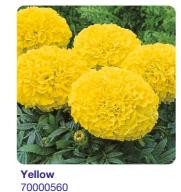
The trusted choice for bedding and borders.

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

- Less day-length sensitivity makes Antigua a programmable, easy-to-grow marigold for early spring shipping.
- Naturally dwarf and branching plants are ideal for large packs and small pots and fit perfectly on racks with little to no PGRs required.
- Strong flower stems support beautifully rounded 7 cm blooms that hold up well in shipping and the garden.



Primrose 70000563



70000562





Mix 70020845

Germ. rate | Product form | Pot size | PGR | Crop time after potting | Finished plant shipping month | Plant height | Habit | Exposure | Size | Packs/9-11 cm | If needed | 7-9 weeks | March-July | 25-30 cm | Upright | Sun

70000561

syngenta flowers seed | Annuals syngenta flowers 75

TAGETES TAGETES

Inca II

Tagetes erecta

Long or short days, Inca II delivers.

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.

- Well-branched plants with large double blooms meet the market demand for showy, retail-ready containers.
- Early flowering, even under increasing day lengths, make Inca II easily adaptable for both early or late spring production.
- An outstanding choice for color and fill in sunny landscape applications.



Inca II Primrose 70000570



Primrose 70000570



Detailed, coated 9-11 cm

70000567







If needed 8-10 weeks



Deep Orange

March-July



70000566

Crop time after potting | Finished plant shipping month | Plant height | Habit 30-35 cm Upright

Inca

Tagetes erecta



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 weather conditions. Your best choice for a successful production!
- Available in Orange and Yellow.



70017879





70020844

Germ. rate | Product form Detailed, coated 9-11 cm If needed 8-10 weeks

Crop time after potting | Finished plant shipping month | Plant height | Habit March-July



Yellow

70000569

TAGETES TORENIA

Perfection

Tagetes erecta

An impeccable garden beauty.

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.

- Sturdy plants work well in larger pots and provide instant retail and garden color.
- Large, double flowers are long-lasting, shed water easily, and exhibit superior weather tolerance.



Yellow Gold 70002948 70006129			29	Orar 7000	nge 2947			
Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure
85%	Detailed, coated	10-12 cm	If needed	9-11 weeks	March-July	60-75 cm	Upright	Sun



Duchess

Torenia fournieri

Fit for royalty.

Tight, mounding habits are ideally suited for bedding plant production.

- Early to flower, compact, and uniform for both flowering time and plant
- Works well in mixed containers and is great for both sunny and shady garden beds.



Duchess Mix 70020958



70020959



Burgundy 70020960



Blue and White





70020958

Germ. rate | Product form

Pot size 9-12 cm

Crop time after potting | Finished plant shipping month If needed 9-11 weeks

March-June

20-25 cm Mounding Sun

VERBENA VERBENA

Obsession

Verbena Hybrida

Color that will mesmerize.

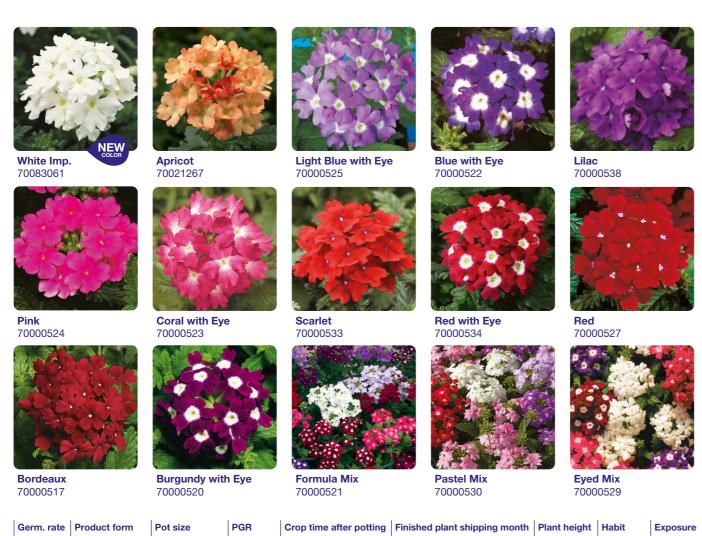
Obsession has a compact and branched habit ideal for high density production and shipping. It is early, uniform, multi-branching and very floriferous. Its wide range of colors including 'eyed' varieties attract impulse sales, and its strong tolerance to powdery mildew helps ensure consumer satisfaction.

- Perfect for packs and small pots with strong branching and high uniformity that make production a breeze.
- Very early with fast follow-up flowering, so plants stay in bloom longer
- Available in unique twister patterns previously found only in cuttings and a wide range of other bold colors and top notch mixes.

Packs/9-11 cm No



Obsession Pastel Mix 70000530



8-10 weeks

March-July

Obsession Twister

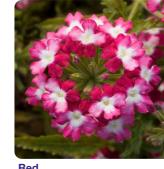
Verbena Hybrida

High density with a twist.

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.

- Long shelf-life at retail.
- Strong tolerance to Powdery Mildew in the garden.







Purple 70060507

Red 70060510

Obsession Twister Purple 70060507

Germ. rate | Product form Pot size Packs/9-11 cm No

Crop time after potting | Finished plant shipping month | Plant height | Habit 8-10 weeks

March-July

Exposure 15-20 cm Sun Upright



syngenta flowers SEED | ANNUALS SEED | ANNUALS syngenta.flowers 81

15-20 cm Upright

VERBENA VERBENA

Tuscany

Verbena Hybrida

Big blooms and sunny colors that last.

Beefy, upright plants with large, designercolored flowers, perfect for premium retail

- Upright habits are perfect for small to medium-sized containers.
- Strong garden vigor outlasts other Verbena.
- Large, showy flowers in rich and novel colors bring added value and interest to premium programs.



Tuscany Mix 70007911















March-July









70024257



70024255





70007911

70070991 70075870 70021305 Germ. rate | Product form Crop time after potting | Finished plant shipping month | Plant height | Habit

9-11 weeks

20-25 cm Upright

Obsession Cascade

Verbena Hybrida

First and only trailing Verbena from seed.

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.

- 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.
- Seed product form offers easy, no-pinch production with all the efficiencies that come with mechanized handling of seed grown plants.
- Ideal for value added baskets and combinations.
- Excellent powdery mildew tolerance.



Obsession Cascade Scarlet 70065564











70070994

Violet Twister

Pink Shades 70054939









Germ. rate | Product form

Pot size 10-12 cm/ Hanging Baskets

Crop time after potting | Finished plant shipping month

Plant height

70065564

Exposure

Lavender Picotee

70024256

Scarlet

70024261

syngenta flowers SEED | ANNUALS

Packs/9-11 cm No

ZINNIA ZINNIA

Magellan

Zinnia elegans

Profitably navigates spring and summer programs.

Very grower-friendly. Bred for exceptional performance on the bench and in the garden.

- Superior flower quality—large, fully double blooms in clean, bright colors.
- Excellent choice for quickturn, high profit summer programs.
- Disease free.



Ivory 70024495



Yellow 70024499



70024496



Pot size 9-12 cm

Cherry 70024500

70024498

If needed 7-9 weeks

Crop time after potting | Finished plant shipping month | Plant height | Habit April-July

Scarlet

70007420

Pink

70024497

Magellan Mix 70021362

Orange

Mix

70021362

70024494

25-30 cm Upright

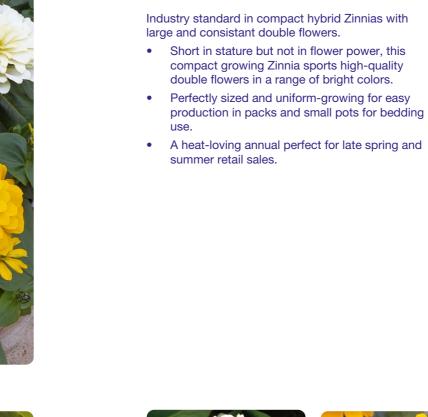
Short Stuff

Zinnia elegans

Just the right size.



Short Stuff Mix 70021357







70021352



70021355





Cherry Shades



7-9 weeks

Scarlet 70021359

Pot size

Packs/9-11 cm No





70021357

Crop time after potting | Finished plant shipping month April-July 20-25 cm ZINNIA ZINNIA

Swizzle

Zinnia elegans

Shake up your summer programs with these striking bicolors.

Great garden performer with large bicolor double flowers on bushy plants.

- Eye-catching, fully double, and bicolor flowers demand attention on the retail bench.
- Full, bushy plants covered with blooms are perfect for premium 12 cm or larger pot program.
- A heat-loving plant with season extending properties and strong garden vigor.





Cherry & Ivory

Scarlet & Yellow 70004413

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



Uproar

Zinnia elegans

Creates a garden commotion.

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

- Tall-growing, well-branched Zinnia.
- A traditional summer favorite that can extend the sales season when offered in large premium
- Can be direct sown for economical production, reducing transplanting and labor costs.



Uproar Rose 70021364

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

Zowie!

Zinnia elegans



Demands to be noticed.

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

- A vigorous and well-branched Zinnia with striking, fully double bicolor flowers.
- Strong landscape vigor well-suited for use in the middle or back of sunny garden beds.



Zowie! Yellow Flame 70021363

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

syngenta flowers SEED | ANNUALS SEED | ANNUALS syngenta flowers 87



Seeds pot plants

CYCLAMEN CYCLAMEN

Cyclamen

Quality with so much choice



If you are interested in our wide Cyclamen assortment, please visit our website on www.syngentaflowers.com/bi and choose Catalogues in the Menu. Here you can find our Cyclamen 2021-2022 Catalogue showing all varieties in our series.

You can also use this QR code. It will get you automatically to the page on our website where we store all our catalogues for your market.

Feel free to reach out to our Customer Service representatives! They are happy to send you a required amount of copies of our catalogues to further support your business. You can reach them via eame.customerservice@syngenta.com.





	Series	Pot size (from - to)	Vigor within segment	Outdoor Score (1-5) 1= weak performance 5 = strong performance	Time from sowing to flowering (weeks)	Best suited flowering period
	SeeWhy®	6-10,5 cm	compact	4	24	June - October
	Picola	6-10.5 cm	compact	4	24	September - December
	Outsider	7-12 cm	medium	5	24	June - October
	Facila	10.5-12 cm	compact	4	25	September - February
	Midori	7-12 cm	medium	4	25	June - October
	Snowridge Mini	9-12 cm	medium	5	25	June - March
	Winfall®	9-12 cm	medium-vigorous	5	25	October - March
	Goblet	9-10.5 cm	compact	5	24	September - February + April - June
	Melody Outdoor®	10.5-12 cm	compact	5	24	September - December
	Silverado	9-12 cm	medium-vigorous	5	26	October - March
	Aloha	10.5-12 cm	medium-vigorous	2	28	October - January
	Merita	10.5-13 cm	medium	3	25	October - March
	Laser	10.5-13 cm	medium	5	26	October - March
	Snowridge Midi	11-14 cm	medium	5	27	October - March
	Canto® Silver	10.5-13 cm	compact	3	27	June - December
	Rocolina	10.5-12 cm	medium	1	28	October - March
	Perfetto	12-14 cm	compact	3	29	August - October
	Sierra	12-16 cm	medium	3	29	August - October
	Contiga	12-16 cm	compact	3	29	September - January + April - June
	Snowridge Maxi	12-16 cm	medium	4	30	August - December
ANGE SA	Rainier	13-20 cm	vigorous	3	30	October - March
	Magnia	14-20 cm	large vigourous	3	30	September - January + April - June
U	Maxora Fringed	12-16 cm	compact	2	32	October - March
	Friller®	12-16 cm	medium	2	32	August - December
	Fleur en Vogue	12-16 cm	medium	2	33	October - December
	Winter Ice	13-19 cm	medium-vigorous	3	32	October - March
	Rosie Rosa/ Salmon Sammy	12-16 cm	medium	3	30	October - February

Rosie Rosa 70019130

syngenta.flowers SEED | POT PLANTS SEED | POT PLANTS syngenta flowers 91 GERBERA GERBERA

Jaguar

Gerbera jamesonii

Maximum efficiency for high density production.

Earliest and most uniform flowering Gerbera series on the market offers synchronized flowering for bench run sales.

- Compact plants and short flower stems are ideal for efficient, high density production in small pots and easy racking and shipping.
- Maximizes sell through and shelf life, with 3-5 blooms per plant, at first flush.



Consumer use indoor and outdoor!



Jaguar Formula Mix 70000972





Yellow

Lemon Dark Center 70019523



70000979



70019518



Rose Picotee

70000977



Scarlet Shades Dark **Center** 70000983



Yellow Dark Center



70000984



Deep Orange

9-13 weeks



Fire Dark Center 70007957



Deep Rose 70019516



70000972

All year round





Rose Dark Center 70000970



Unimix 70003667

25-35 cm

Crop time after potting | Finished plant shipping month | Plant height | Habit Upright

Bengal

Gerbera jamesonii

Huge flowers.

Uniform, vigorous plants with very large flowers on strong and short flower stems. Very uniform in stem length and earliness.

- 4-6 large flowers per plant when finished.
- Large flowers on short stem.
- Uniformity in earliness and stem length make this the most efficient series to grow in larger pots.
- Consumer use indoor and outdoor!



Bengal Yellow with Eye 70040767







Orange 70035512



70035509



Yellow with Eye 70040767



Rose with Eye 70035518

Germ. rate Product form

SatinCoat



12-14 weeks

Orange with Eye

If needed

Pot size

12-15 cm



70035498

All year round



70066334

Crop time after potting | Finished plant shipping month | Plant height | Habit Exposure 30-40 cm

Germ. rate | Product form

SatinCoat

syngenta.flowers SEED | POT PLANTS

Pot size

11-13 cm

GERBERA GERBERA

Cartwheel

Gerbera jamesonii



Large, semi-double flowers.

Unique, attractive flower shapes and colours.

- Uniform, vigorous plants.
- At least three flowers per plant at time of sale.
- Strawberry Twist has really unique color combinations never seen before in the potplant types.







Strawberry Twist 70019517 70019515

Autumn Colors 70019519

Germ. rate	Product form	Pot size	PGR
90%	SatinCoat	12-15 cm	Yes

Crop time after potting | Finished plant shipping month | Plant height | Habit 12-14 weeks All year round

Exposure 35-45 cm Upright Indoor



Elephant

Gerbera jamesonii

The largest of all.

A pot Gerbera with the flower size of a cut flower Gerbera, but much shorter stem length.

- Very large flowers in a strong orange-scarlet color.
- A real eyecatcher at retail. Plants with the WOW factor.



Germ. rate | Product form SatinCoat

Pot size 12-15 cm

Crop time after potting | Finished plant shipping month | Plant height | Habit 12-14 weeks

All year round

35-45 cm Upright

syngenta flowers SEED | POT PLANTS

PRIMULA SCHIZANTHUS

Libre

Primula obconica

A flush of color.

A very uniform series with large flowers in single colors and bi-colors.

- No allergic reactions caused by Primin when working in or touching these Obconica's.
- Libre is free of Primin.
- A medium compact plant in a large range of



White 70020046



Orange 70020184



Magenta 70020047



70004003

Pot size

11-14 cm

70020188



Salmon Picotee

70007956



If needed 8-10 weeks



70000674

Scarlet Picotee



Libre Rose Picotee 70020188

Red

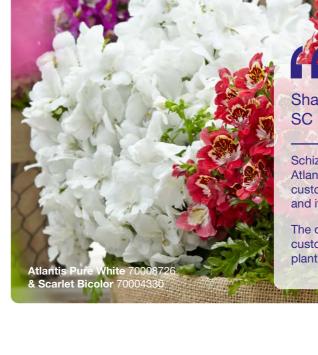
Mix

70020043

70020183

February-May







Atlantis

Schizanthus x wisetonensis

The butterfly flower.

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 flower much earlier in the season than other varieties without stretching the plants.
- Flowering time: January-May

Not available for European Wholesale.



Pure White



Rose Bicolor 70004328



Lilac Bicolor 70004327

Germ. rate | Product form



8-10 weeks

11-14 cm



January-May



Crop time after potting | Finished plant shipping month 20-30 cm Upright

Germ. rate | Product form



Seeds Biennals

PRIMULA PRIMULA

Primera

Primula acaulis

First of the season.

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

- Bred for early production from September through February, but can also be slotted through the entire primrose season.
- Minimal cool temperatures required to initiate flowering.
- Uniform plants and flowering, with large showy blooms. Compact habit fill pots with tidy, rounded leaves.



Primera Mix 70007757



White 70045461



Orange



70007773

Orion

Primula acaulis

The reliable winter performer.

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.
- Very uniform flowering reaction between all colors.



Orion Mix 70007968





Pink

70007080

Scarlet

70045496







Mid Blue 70007079

Violet

70007969





Blue

70045494

Yellow with Eye

70045491



Lilac Flame

Scarlet Flame

70051016

South Mix

70027277

70039321

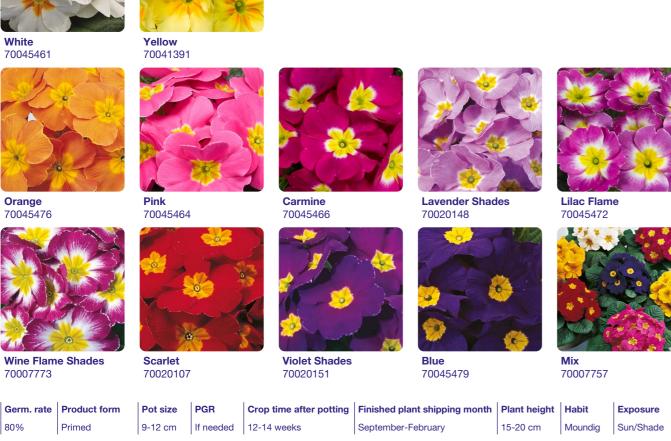


Cherry 70020142





70007968



RANUNCULUS RANUNCULUS



Maché

Ranunculus asiaticus

Stimulate early spring sales with this irresistible cool crop.

Vigorous plants have brightly colored, fully double flowers.

- Ideal for 11 cm and larger premium containers.
- Easy to grow and manage with strong uniformity and high responsiveness to PGRs.
- Possible to force into flower to start the season earlier.





70035058



70034412



70048730



Orange 70035061



Fire 70058315



Rose



70035060

Scarlet



Red



Chocolate



70048733



Bicolor 70070459

Pot size

11-14 cm Yes



Bicolor Mix 70027334

12-14 weeks

Crop time after potting | Finished plant shipping month

February-May



Pastel Mix 70000631

25-30 cm



70007125

RANUNCULUS VIOLA

Magic

Ranunculus asiaticus

Cool and uniquely compact.

Genetically compact Ranunculus with large double

- Tidy plants are easy to grow and ship at high
- Irresistible flowers on plants perfectly sized to stimulate early season, impulse sales.
- Grow without growth regulators!



Magic Red 70048731



White Imp.





Golden Yellow



70041079

Germ. rate | Product form

Raw, Pellet







12-14 weeks



Rose Delight 70063158



February-May

Crop time after potting | Finished plant shipping month | Plant height | Habit









15-20 cm



Upright



syngenta.flowers

SEED | BIENNALS

Pot size

9-11 cm No

VIOLA VIOLA

Penny

Viola cornuta

Up Imp. 70074670

70002989

Thoughtful growers grow Penny.

Penny is the world's best-selling viola series due to its versatility and compact, branching habit, producing multitudes of cheerful flowers. It also

excels in the garden where its strong root system provides superb overwintering performance.

- Early flowering and uniformity across a wide range of colors make Penny suited for high density production in packs and small pots for both autumn and spring.
- Tightly branched and non-stretching habit under warm conditions offers longer shelflife and reduces the need for PGRs.
- A multitude of flowers creates long-lasting landscape displays, and a strong root system ensures reliable overwintering







70003023

70003010

70003018

VIOLA VIOLA

Deltini

Viola cornuta

Covered with color when you need it most!

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.

- Efficient to produce with reliably fast crop times and a 4-day bloom window between colors, even under short-day conditions.
- Its non-stretching and basal branching habit is perfect for 8-10 cm pots and packs.
- Mutliflora type: Plants are covered with masses of flowers, slightly smaller in size than Penny.

Not available for European Wholesale.



Deltini Violet 70064767, Copperfield 70021197 & Violet Blue 70007240



70058778

Blue Purple Wing

70007241

Violet



70007247



Honeybee 70008800



70058784



70000482



Yellow and Purple 70021114



Copperfield 70021197

Pot size

Packs/

8-10 cm



Yellow 70027735



Blue 70046118



Crop time after potting | Finished plant shipping month

September-March

70000483



70069603



Violet Blue 70007240



Purple with Golden Center Mix 70000485



Exposure

70059008

Plant height | Habit

Endurio

Viola cornuta

Winter Survivor - frost and snow tolerant spreading Viola.

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 over winter performance gives an extra dimension to the Endurio series.
- Near-day-neutral flowering provides reliable color for early spring and fall production.

Not available for European Wholesale.



Endurio Blue Yellow with Purple Wing 70000467



70046138



Lavender 70003001





Yellow with Purple Wing 70021214

Germ. rate | Product form

Raw, PreNova®



Sky Blue Martien



Pink Shades 70021212

Pot size

10-12 cm/

Hanging basket



Blue Yellow with **Purple Wing** 70000467



Crop time after potting | Finished plant shipping month

September-March

Pure Violet 70000479



Yellow



Red Flare 70058789



70000471



70008666



Germ. rate | Product form

syngenta.flowers SEED | BIENNALS

SEED | BIENNALS syngenta.flowers 109

VIOLA



seed | Biennals syngenta flowers 111

VIOLA VIOLA

Delta®

Viola x wittrockiana

The number 1 pansy in the world!

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.
- Matched for timing, compactness and flower size.
- Non-stretching habot gives Delta the best shelflife.

Not available for European Wholesale.



White with Blotch 70058884



70000435



Primrose with Blotch 70002988

Gold with Blotch

70008807



Yellow



70046083



Pure White 70000416

Pure Orange 70008804





Pure Golden Yellow

Rose Surprise 70007297



Yellow with Blotch

70000437

70000382





Blue Morpho Beaconsfield 70081399 70000447





Deep Blue 70027668



Blue with Blotch 70008809











Yellow with Purple Wing



Rose with Blotch 70000445



Pure Rose 70000344



Marina 70002992



Uni Mix 70000434



Pure Red 70000354



Neon Violet 70021234



Pure Colors Mix 70000347



Red with Blotch 70008805

70003002

Citrus Mix

70000422



Purple Surprise



Fire Surprise



Pure Violet

70064740

70021051



All Colors Mix 70000348

Exposure



Crop time after potting | Finished plant shipping month | Plant height

Blotch Mix

70044723

VIOLA VIOLA

Delta® Speedy

Viola x wittrockiana

Color when you need it most.

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.

• Like the rest of the Delta assortment, plants sport masses of large, upward facing blooms with strong weather tolerance for long lasting retail and garden

Not available for European Wholesale.



Violet and White 70069841



Product form

Raw, PreNova®

True Blue 70027699

Germ. rate

Raw: 90%,

PreNova®: 92%



Yellow 70027692



Deep Blue with Blotch 70046093

Pot size PGR

Packs/



Yellow with Blotch 70053727



Crop time after potting | Finished plant shipping month |

November-February

Rose Medley 70027697



Yellow and Purple 70021231



Purple 70058935



Frost

70053728

70027691





Fino

Viola x wittrockiana

Compose your own series.

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.
- 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.



Fino Mix 70074493



Clear White 70064724



White with Blotch 70074566



Vanilla Sky 70053671



Yellow with Blotch 70046084



Clear Lemon 70074568

Rose Fire

70074567





Clear Yellow 70058886

Red with Blotch

70074564

Raw, PreNova® Packs/9-11 cm Yes



Light Blue 70058899

Beaconsfield

70035229



Blue with Blotch 70064739



Rose with Blotch 70074565



70058904





Mix 70074493

Crop time after potting | Finished plant shipping month | Plant height | Habit

VIOLA



116 syngenta flowers SEED | BIENNALS syngenta flowers 117

VIOLA VIOLA

Colossus

Viola x wittrockiana

Heat and humidity, meet Colossus.

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.

- Colossus can be produced in both packs and 9-11 cm pots.
- Tight, non-stretching habit developed specifically for high-density production requiring fewer PGRs, well-suited for late summer/early fall markets.
- Extra large blooms stand up to heat stress with less stretch to create consumer appeal even under hot and humid conditions.
- Fast turns, lower productions costs, increased shipping efficiencies and a long shelf-life... What's not to love about Colossus?

Not available for European Wholesale.



70000378



White with Blotch



70000425



White with Purple Wing



Rose Surprise 70000391



Lemon Shades 70007313



Lavender Surprise 70000392



Pure Golden Yellow 70021087



Fire Surprise 70007298



Yellow with Blotch 70020987

70020987



70021122









Red with Blotch 70007629



Rose with Blotch 70000428



Purple with Blotch 70000449



70000380



Deep Blue with Blotch 70000429



Blotched Mix 70000433



70000396

Germ. rate Pot size Crop time after potting | Finished plant shipping month Exposure Raw: 90%, August-March PreNova®: 92% 9-11 cm

VIOLA VIOLA

Karma

Viola x wittrockiana

Real unique colors.

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

- These unique colors will add depth and excitement to your pansy offer to retailers and consumers.
- Karma's extra plant vigor and habit make these ideal for early autumn and late spring production, suitable for 9-12cm pots.



Karma Strawberry Cream 70003005



Strawberry Cream 70003005



Deep Orange 70007797



September-March

Midnight Sun 70008810



Copperfield

70021222

Crop time after potting | Finished plant shipping month | Plant height | Habit Exposure 15-20 cm Upright

Wonderfall

Viola x wittrockiana

When size matters.

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 balcony plantings.

Raw, PreNova® Packs/ 9-11 cm Yes

- In the landscape, its spreading habit covers more ground than traditional pansies and provides maximum color impact.
- Wonderfall is suitable for 12 cm pots and larger and especially hanging baskets and window boxes.



Wonderfall Yellow 70048754

G	Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure
90	00%	Raw, PreNova®	12-14 cm/ Hanging baskets	Yes	7-9 weeks	August-March	20-25 cm	Spreading	Sun

Mammoth

Viola x wittrockiana

Pansies XXL!

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.



White Hot 70007829



Glamarama White 70007822



70007820

Mammoth Blue-Ti-Ful



Queen Yellow Bee 70007825



Prima Yellorina 70007824



Pink Berry 70036024



Sangria Punch 70007827



On Fire 70007823



Big Red 70007819



Rocky Rose



Blue-Ti-Ful





70007828



70021243



70021244

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure
90%	Raw, PreNova®	Packs/9-12 cm	Yes	6-8 weeks	August-March	15-25 cm	Upright	Sun

Seeds Peremials



ANEMONE / ARABIS AQUILEGIA

Pink Saucer

Anemone hupehensis

The cottage garden favorite.

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

- Easy to grow outside, bringing flowers in summer and
- Advice: use 4 seeds per plug in a 288 tray.



Pink Saucer 70003162

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
50%	Raw	12-15 cm	If needed	12-16 weeks	June-July	40-50 cm	Upright	Sun	5

Rose Delight

Arabis blepharophylla

Great season starter for retail.

An excellent early season perennial for cooler climates. Bright deep rose blooms are held on compact habits suitable for quarts and small pots. A great choice for adding color and novelty to early spring programs.

- Real impulse article that stands out for uniformity, earliness and intensity of the color.
- Advice: use 2 seeds per plug in a 288 tray.



Rose Delight 70003153

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
85%	Raw	11-14 cm	No	21-23 weeks	February-March	15-20 cm	Mounding	Sun	3

Little Treasure

Arabis caucasica

Beat the snow with color.

A well-matched and uniform series simplifies production and shipping. A bright white and an intense deep rose add wow to early sales windows.

- Little Treasure has improved uniformity and earliness, that makes it an excellent item for large scale production and retail actions in early spring.
- Advice: use 4 seeds per plug in a 288 tray.
- Plants are vigorous, do not pot too early.







Deep Rose 70017968

Germ.	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. z
85%	Raw	11-14 cm	If needed	21-23 weeks	February-March	10-15 cm	Mounding	Sun	4

Kirigami

Aquilegia caerulea

Deep Blue & White

70059727

Germ

85%



Flowering when you want it.

Truly programmable like an annual with minimal vernalization requirements

- Bright colors and upward-facing blooms improve retail impact. Highly uniform across all colors, an ideal grower-friendly series.
- · Kirigami creates a revolution in Aquilegia-land: the first series that can be forced into flower at any moment in early spring.
- Flower induction starts already at temperatures below 13C. Plants can be forced to flower at higher temperatures after vernalization period. Use 1 seed/plug for smaller pots and 3 seeds/





70059718

PGR

Pot size

11-14 cm





Crop time after potting

22-26 weeks if overwintered

10-14 weeks in annual culture





35-45 cm



70059721

Finished plant

March-May

70074167

Upright

Winter

ARMERIA / ARENARIA AUBRIETA

Armada

Armeria maritima



A grass with beautiful flowers.

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

- Up to 2 weeks earlier flowering than traditional varieties.
- Vernalization is beneficial for a high number of flower clusters.
- Advice: use 4 seeds per plug in a 288 tray.



70001173

Germ.

75%



Product



70028041

PGR





70001174

Crop time after potting	Finished plant shipping month	Pla
22-26 weeks	March-Arpil	20-

hard. zone

Armada Rose 70001174

Audrey

Aubrieta Hybrida

Audrey stays in shape.

The first F1 hybrid Aubrieta from seed provides uniformity in habit and flower color. One of the earliest blooming perennials. Great for jump starting early spring sales.

- Vigorous, but still compact plants for easy production.
- Very uniform F1 hybrid quality.
- Advice: use 4 seeds per plug in a 288 tray.



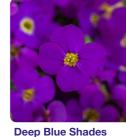
70059044



70017947



70003139







70028035

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
80%	Raw	11-14 cm	If needed	23-27 weeks	March-April	10-15 cm	Mounding	Sun	6

Blizzard

Arenaria montana

The evergreen with large white flowers.

Pot size

11-14 cm No

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.

- Compact habit means no PGR need and much easier to grow a nice quality plant.
- Early flowering makes the Blizzard Compact matching many other Spring flowering
- Advice: use 4 seeds per plug in a 288 tray.



Blizzard 70003169

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
80%	Raw	11-14 cm	No	20-24 weeks	March-Arpil	15-20 cm	Mounding	Sun	3



syngenta flowers SEED | PERENNIALS SEED | PERENNIALS syngenta.flowers 127 AURINIA / BERGENIA

Summit

Aurinia saxatilis (Alyssum)



Yellow in Spring.

Compact plants with grey-green foliage are covered in bright yellow blooms.

- Ideal for small containers for early spring programs.
- Compact and uniform plants give an abundance of blooms for great impulse appeal in the early Spring.
- Advice: use 3 seeds per plug in a 288 tray.



Summit 70001209

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
75%	Raw	11-14 cm	No	20-24 weeks	March-April	20-25 cm	Mounding	Sun	4

Shoeshine

Bergenia cordifolia

Tough foliage all year round.

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

- Early flowering with short flower stems for more efficient production.
- Less sensitive for physiological leaf spots.
- Advice: use 4 seeds per plug in a 288 tray.

W. A. S.

Shoeshine Rose 70018288

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zor
60%	Raw	11-14 cm	No	25-30 weeks	March-April	30-40 cm	Mounding	Sun/Shade	3

Pristar

Campanula carpatica

Early and star shaped.

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

- The earliest flowering Campanula carpatica available.
- A perfectly matched series makes Pristar the go-to choice for small to medium-sized containers.
- Advice: use 3 seeds per plug in a 288 tray.



White 70048642



Deep Blue 70060529

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
80%	Raw	10-12 cm	No	12-16 weeks	June-August	25-35 cm	Mounding	Sun	5

Swinging Bells

Campanula cochleariifolia

Let the bells swing.

Seed variety of Campanula cochleariifolia allows flexibility for production scheduling. 100% flowering under long day conditions.

- Very compact habit allows for high-density production.
- First-year flowering no vernalization needed.
 Advice: use 4 seeds per plug in a 288 tray.



White 70018499



Blue 70018498



Swinging Bells White 70018499

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
70%	Raw	11-14 cm	If needed	10-14 weeks	June-July	15-20 cm	Mouding	Sun	6

Filligree

Campanula garganica

Creeping blue beauty.

Filigree is the only first year flowering Campanula garganica on the market.

- Filligree combines masses of small, star shaped light blue flowers with a compact, Mounding to spreading habit and great uniformity. First-year flowering – no vernalization needed.
- Advice: use 4 seeds per plug in a 288 tray.



Filligree 70035543



Filligree 70035543

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
80%	Raw	11-14 cm	No	10-14 weeks	June-July	10-15 cm	Mouding /Spreading	Sun	5

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CAMPANULA CAMPANULA/ COREOPSIS

Earlion

Campanula persicifolia

Early flowering garden contrast.

Early and uniform flowering. Brings heigth in the garden.

- No vernalization need makes this the only reliable and uniform flowering variety
- Please note: each seed lot will have around 10% white flowering plants with the same habit and earliness as the blue. We advise to sell this as a mix.
- For seperate colors: sow 1 seed per plug. For mixes: sow 3-4 seeds per plug.



70075213

Not available for European Wholesale.



Earlion Dark Blue 70075213

Germ. rate	Product form	Pot size	PGR		Finished plant shipping month	Plant height	Habit		Winter hard. zone
80%	Raw	11-14 cm	No	10-14 weeks	June-July	60-70 cm	Upright	Sun	5

Clockwise

Campanula portenschlagiana

Production on the clock.

The first F1 hybrid Campanula portenschlagiana offering fast, uniform production

- First-year flowering no vernalization period needed.
- Dark blue flowers on a dense, compact habit requiring less PGRs
- Highly uniform in habit and flowering time.
- Great alternative for vegetative starter material.
- Advice: use 3 seeds per plug in a 288 tray.



White Blush 70082540



Compact Deep Blue

Clockwise Compact Deep Blue 70060524

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
80%	Raw	11-14 cm	No	10-14 weeks	June-July	20-25 cm	Mounding	Sun	5

Cambell

Campanula rapunculoides

Back to nature.

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

- The traditional Campanula, but better branching and more uniform than other selections.
- Advice: use 3 seeds per plug in a 288 tray.



70003314

Cambell Blue 70003314

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
80%	Raw	12-14 cm	No	10-14 weeks	June-July	40-60 cm	Upright	Sun	6

Andiamo

Coreopsis grandiflora

Long time color.

Vigorous, well branching plants full with golden-yellow flowers with a deep red center. Less sensitive to breaking.

- Great uniformity, fast pot fill and all season flowering.
- Less sensitive for breaking branches than other varieties.
- Advice: use 4 seeds per plug in a 288 tray.



Yellow Red



Andiamo Yellow Red 70048644

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
75%	Raw	13-19 cm	No	9-12 weeks	June-September	35-40 cm	Upright	Sun	7

CYCLAMEN DELPHINIUM

Cyberia

Cyclamen coum

Cute flowering shade lover.

Finally a Cyclamen coum series available in separate colors and with a choice of flowering season. Very winter hardy and flowering in the late Autumn and in early Spring. Great impulse item, 'botanical' or 'natural' appearance.

- Short leaf-stems, making nice round shaped plants that stay within the edge of the pot.
- Can be planned for Autumn flowering (early sowing) or winter-spring flowering
- Advice: 1 seed per plug, grow in the shade, so not grow too dry.

Not available for European Wholesale.



Product

Pot size

9-12 cm

Pink 70019161

Germ. rate



25-30 weeks

Dark Rose 70019162

PGR



Rose Silver 70019100

shipping month

February-April

Crop time after potting | Finished plant



70019160

Plant height Habit 10-15 cm

Exposure

Winter hard. zone



Delphina

Delphinium elatum



Ease of production in your perennial programs.

The first compact series of Delphinium available.

- Delphina is notable for a naturally compact habit allowing for ease of production and less reliance on
- Best to use for 1st year flowering programs. For overwintering Excalibur performs even better.
- Advice: use 4 seeds per plug in a 128 tray.

Not available for European Wholesale.



Delphina Dark Blue White Bee 70048651



Light Blue White Bee



Dark Blue White Bee



Dark Blue Black Bee 70048649





Rose White Bee 70048661



70082497

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
60%	Raw	14-17 cm	If needed	10-13 weeks	June-August	40-60 cm	Upright	Sun	5

syngenta flowers SEED | PERENNIALS SEED | PERENNIALS syngenta.flowers 133 DELPHINIUM

Excalibur

Delphinium elatum



Stand out with excellent shape.

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.

- Strong, densely packed flower stems give a great sales appeal.
- Highly suitable for cultivation in larger pots and containers. Great for overwintering, resulting in earlier flowering.
- Advice: use 4-6 seeds per plug in a 128 tray.



Excalibur Lilac Rose White Bee 70001031



Pure White 70001030



Light Blue White Bee 70001032



Lilac Rose White Bee 70001031



Dark Blue White Bee 70001033



Dark Blue Black Bee 70001034



Mix 70003533

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
50%	Raw	15-18 cm	If needed	10-13 weeks	June-August	60-80 cm	Upright	Sun	3

Delfix

Delphinium grandiflorum



Fix the balcony attractiveness.

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.

• First year flowering and well branching: efficient culture



Product

White 70001037

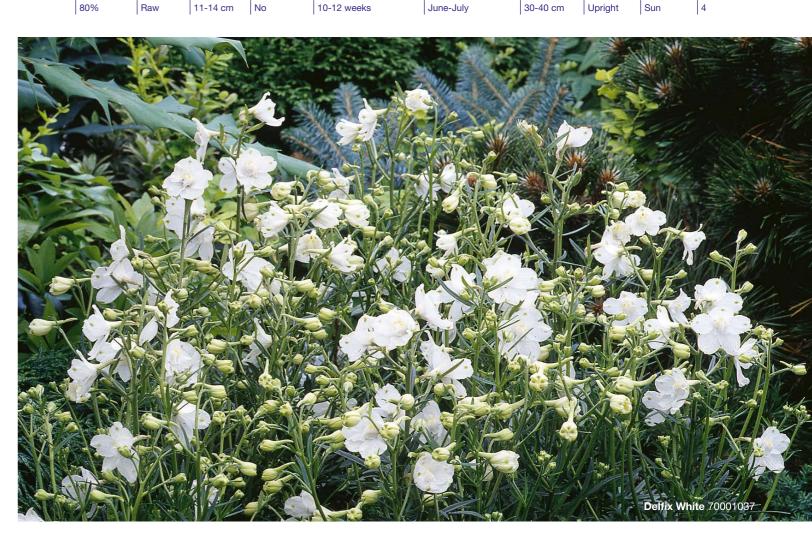
Blue 70001035

Pot size



Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zor
10.10 weeks	luma lulu	20 40 am	Linuialet	C	1

Delfix Blue 70001035



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DIANTHUS DIGITALIS PURPUREA

Barbarini

Dianthus barbatus

Colorful first year.

This series of Dianthus brings additional opportunities to the market. The single colors of this uniquely compact 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
- A compact habit and a good Winter hardiness.



Barbarini Purple 70001027 & Purple Picotee 70001021



White 70001026



70001235



70001022



Purple Picotee





Product

Rose 70001023



70001027

PGR

If needed





10-12 weeks

Red 70001024



Purple Bicolor



70001028

Redrose Bicolor



Camelot

Digitalis purpurea



Check out the flower details.

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

- Flowers without vernalization.
- Great for very large containers too, larger than 17 cm.
- All colors have a spotted throat.







Cream 70008473



70019382



70008474



70035990

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
85%	Pellet	14-18 cm	If needed	10-14 weeks	June-July	70-100 cm	Upright	Sun	5

Pot size

DORONICUM / ECHINACEA ECHINACEA

Leonardo Compact

Doronicum orientale



The sunny spring flower.

Leonardo Compact is the earliest Doronicum on the market.

- Leonardo Compact is suitable for 11-14 cm pots or bigger containers if more plants are used.
- The variety produces a uniform, well branched plant.
- Advice: use 2 seeds per plug in a 288 tray.



Leonardo Compact 70019386



Leonardo Compact 70019386

Germ. rate	Product form	Pot size	PGR

ize	PGR
	١.,







Finished plant March-April

20-30 cm

Mounding

hard. zone

Prairie Blaze

Echinacea purpurea



Surprising colors for easy growing.

The first seed varieties with a uniform single color.

- Much easier to handle than the tissue culture varieties.
- Compact, well branching plants.
- Advice: use 3 seeds/plug in a 288 tray.

Not available for European Wholesale.



Golden Yellow 70060556





Prairie Blaze Golden Yellow

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
60%	Raw	12-19 cm	No	10-14 weeks	July-August	30-40 cm	Upright	Sun	5

Prairie Splendor Compact

Echinacea purpurea









Easy growing popular prairie plants.

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 have a much shorter culture time than other compact varieties.
- Compact and very well branching for more plants per m² and more flowers.
- Much easier to handle than the tissue culture varieties.
- · Attracts bees and butterflies.
- Advice: use 3 4 seeds/plug.



Product

White 70054424

Germ. rate



Rose 70020723



Dark Rose 70035573

Crop time after potting

10-14 weeks



Finished plant

July-August

1	Plant height	Habit
	30-40 cm	Upright

Winter hard, zone

Prairie Splendor Compact Dark Rose 70035573

Prairie Splendor

Pot size

12-19 cm

Echinacea purpurea







The traditional prairie plant.

Best branching selection in the taller Echinacea varieties.

- Fleuroselect Gold Medal winner.
- Better branching than traditional varieties, resulting in more flowers. - Nice tall, drought tolerant heat lover.
- Attracts bees and butterflies.
- Advice: use 4 seeds/plug.



Prairie Splendor Deep Rose 70004274

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zon
60%	Raw	12-19 cm	No	10-14 weeks	July-August	55-65 cm	Upright	Sun	5

ERYSIMUM / GAULTHERIA HELLEBORUS / HEUCHERA

Canaries

Erysimum hybridum

Yellow means early spring.

A real 'must have' item for all perennial growers and retailers that want to start the sales season in early

- Great shelf life as the plants do not stretch like other Erysimum varieties.
- This very early flowering Erysimum is one of the first crops to show color.
- Ideal to use in mixed containers.
- Advice: use 2 seeds per plug in a 288 tray.



Canaries Yellow 70003599

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard, zone
85%	Raw	11-14 cm	No	19-21 weeks	January-April	15-20 cm	Mounding	Sun	7



Marvelous Marble

Heuchera americana

Great foliage colors.

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.

- Great and simple alternative for tissue culture.
- If not vernalized, plants will not show the tall flower stems and white-grey flowers.
- Advice: use 4-6 seeds/plug in a 288 tray.



Marvelous Marble Silver 70048681

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
80%	Raw	10-14 cm	No	12-16 weeks	May-October	20-30 cm	Mounding	Sun/Shade	4

Coral Forest

Heuchera sanguinea

Precious little flowers.

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.

- Shorter flower stems for more efficient transport.
- Most intense flower color.
- Advice: use 4-6 seeds/plug in a 288 tray.



Coral Forest 70006799

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
80%	Raw	10-14 cm	No	12-16 weeks	April-June	40-45 cm	Upright	Sun/Shade	4

HEUCHERA / IBERIS / LAVANDULA LAVANDULA

Tahoe

Iberis sempervirens

Tough in the winter.

Tahoe is an excellent, early and uniform Iberis selection for high quality pot production.

- Tahoe is compact, well branched and has short
- It is free flowering with very long lasting flowers, leading to an eye-catching amount of white in the garden.
- Starting from seed makes planning easier and saves costs.
- Most uniform and early seed selection for efficient production.
- Advice: use 3 seeds/plug in a 288 tray.



Tahoe Imp. 70019584

Germ. rate	Product form	Pot size	PGR		Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
80%	Raw	9-14 cm	No	22-26 weeks	February-April	20-25 cm	Mounding	Sun	4

Hidcote

Lavandula angustifolia



The traditional standard.

The traditional variety for overwintering culture. Hidcote needs vernalization and will flower abundantly in June.

- This selection is very uniform in habit and earliness.
- Very winter hardy, great for overwintering cultures.
- Advice: use 4 or 8 seeds per plug, depending on the final pot size.



Hidcote Blue Strain 70000868

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
60% Raw, 80% Primed	Raw, Primed	11-14 cm	No	22-26 weeks	May-July	20-30 cm	Upright	Sun	4

Scent

Lavandula angustifolia





The Lavandula innovation.

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
- Blue Scent Early is more vigorous than Blue Scent and has a similar habit as White Scent early.
- This series does not need vernalization and therefore it will flower from June till October.
- Advice: use 4 or 8 seeds per plug, depending on the final pot size.



White Scent Compact



White Scent Early 70019938



White Scent Compact 70054430



Blue Scent Imp. 70019935



Blue Scent Early 70008607



Blue & White Scent Early Mix 70085496

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
70% Raw, 80% Primed	Raw, Primed	11-14 cm	No	10-14 weeks	May-September	20-30 cm	Upright	Sun	6



LAVANDULA LAVENDULA / LEONTOPODIUM

Castilliano

Lavandula stoechas





Traditional seed raised.

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.

· Easy to produce from seed.



Castilliano Violet 70003855



Castilliano Violet 70003855

Germ. rate	Product form	Pot size	PGR	
90%	Raw	11-14 cm	No	

10-14 weeks 25-35 cm

Crop time after potting | Finished plant

Castilliano 2.0

Lavandula stoechas



Compact with Flag.

The next generation of seed propagated Spanish Lavender. Both efficient in cost and production Castilliano 2.0 takes this garden classic to the next level. Notable for medium vigor habits in three distinct colors, Castilliano 2.0 is the ideal series for both small and large containers making it versatile and easy to produce. Free-flowering and very fragrant pollinator plant.

10-14 weeks

- · Very well branching, filling the pot fast.
- Very free flowering and a real bee-attacting plant.
- Advice: use 3-4 seeds/plug in a 288 tray.



White 70035570

Germ. rate



Lilac 70054437

Pot size





May-August

h	Plant height	Habit	Exposure
	25-35 cm	Mounding	Sun

Castilliano 2.0 White 70035570

Winter hard. zone

Violeta

Lavandula stoechas



The Spanish Lavender break through.

First seed raised L. stoechas with a quality comparable to the cutting varieties: long flags, continuous flowering all season without losing the large flag, vigorous plants.

- Can replace cutting varieties: easier to plan, lower input costs.
- · Very intense attractive purple color.
- Advice: use 3-4 seeds/plug in a 288 tray.

Not available for European Wholesale.



Violeta Purple XL 70070515

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
90%	Raw	12-15 cm	No	10-14 weeks	May-September	30-40 cm	Upright	Sun	7

Everest

Leontopodium alpinum



Holiday memories.

First hardy edelweiss on the market that can be grown as an annual plant. Everest produces numerous star shaped silverwhite flowers amid bright green leaves. The plant remains compact and is very suitable for cultivation in pots and mixed planters.

- The well known Edelweiss in an easy to produce, compact form.
- No need for vernalization: will flower in the first year.
- Advice: use 4-6 seeds/plug in a 288 tray.



Everest 70003842

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
60%	Raw	10-14 cm	No	9-13 weeks	June-July	15-20 cm	Mounding	Sun	6

Product

PAPAVER PAPAVER

Pulchinella

Papaver nudicaule



The large poppies.

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.

- Not only available as mix, but also as seperate colors for a great presentation.
- Very large flowers have a great color impact at retail and in the garden.
- Advice: use 4 seeds/plug in a 288 tray.



Pulchinella Mix 70000836





70004241

Pot size



24-28 weeks



70000835





Crop time after potting | Finished plant February-April



70000836

Spring Fever

Papaver nudicaule



The multi-flower poppy.

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 flowers.
- Day length neutral for flexible production planning. Can also be used for early flowering in overwintering culture.
- Advice: use 4 seeds/plug in a 288 tray.



White 70004236



70004237



Rose 70004242



Orange 70004238



70004239



70000832

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zon
70%	Raw	11-14 cm	No	10-14 weeks	March - May	20-25 cm	Upright	Sun	2





White 70004240

Rose

Germ. rate



Orange 70000834





hard. zone

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Product

PENSTEMON PLATYCODON / PRIMULA

Arabesque

Penstemon hartwegii

Tall and colorful

Good branching uniform F1 Penstemon from seed for the impulse market in larger (15-19 cm) pots.

- Great alternative for the taller, expensive vegetative types.
- Available in 5 matching distinct colors.
- Advice: ship when 1st flower is open, to avoid issues with flower drop.



Arabesque Red 70020697



70020707



70020695

Pot size

15-19 cm



12-16 weeks





70020697

Orchid		Violet
0020703		70020701
ofter potting	Einiched plant	Diant hair

July-August

shipping month 50-60 cm



Winter hard. zone

hard. zone

Partybells

Product

Penstemon hartwegii

A compact party.

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

- No need for PGR's, easy to cultivate.
- Great impulse item, loved by consumers.
- Advice: ship when 1st flower is open, to avoid issues



Red 70058326



Violet 70058334

erm. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	На
0%	Raw	12-16 cm	No	11-14 weeks	June-September	30-40 cm	Up



Partybells Violet 70058334

Twinkle

Platycodon grandiflorus

A patio-pot lover.

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

- · Better branching than any other series, resulting in more buds and flowers.
- Can be used as a patio pot item or as traditional perennial Not available for European Wholesale.



70054448



70048721



Twinkle White 70054448

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
85%	Raw	10-13 cm	If needed	12-16 weeks	June-September	15-20 cm	Upright	Sun	4

Corolla

Primula denticulata

A ball shaped spring surprise.

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.

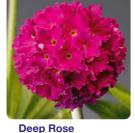
- The ball shaped flower heads appear in large quantities resulting in a long flowering period.
- Very early flowering and possibility to force flowering, making sales timing
- The earlier you sow, the more flowers will be developed after the vernalization
- Advice: use 2 seeds/plug in a 288 tray and sow already in June.



Corolla White 70001240, Deep Rose 70001240 & Blue 70001241



70001239



70001240



70001241

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
75% Raw, 65% Pellet	Raw, Pellet	10-13 cm	No	28-32 weeks	February-April	20-25 cm	Upright	Sun/Shade	4

PRIMULA / PRITZELAGO PULSATILLA

Rosy

Primula rosea

Sweet like candy

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.

- Strong vigor for a better pot fill in spring. The earlier you sow, the more flowers will be developed after the
- Advice: use 4 seeds/plug in a 288 tray and sow already in June.



Rosy 70003979

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
75%	Raw	9-12 cm	No	28-32 weeks	February-April	15-20 cm	Mounding	Sun/Shade	6

Cabrillo

Primula veris



Spring arrived.

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

- Much more compact habit, especially resulting in smaller leaves, so more efficient use of production space.
- The compact leaves give a much better shelf life at retail.
- Advice: use 2 seeds/plug in a 288 tray.



Icecube 70000952

Yellow Compact 70063880

Dark Yellow Compact

70020152

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
75%	Primed	10-14 cm	No	28-32 weeks	March-April	25-30 cm	Mounding	Sun/Shade	6

Icecube

Pritzelago alpina



The perennial Alyssum.

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

- Very uniform in earlyness and plant habit.
- Reliable variety with good weather resistance.

Heliable variety with good weather resistance.										
 Advice 	Advice: use 4-6 seeds/plug in a 288 tray.									
Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone	
85%	Raw	10-13 cm	No	22-26 weeks	February-April	10-13 cm	Mounding	Sun/Shade	7	

Pinwheel

Pulsatilla vulgaris

The rock garden favorite.

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.

- Vigorous plants that produce more flowers than traditional varieties.
- The earlier you sow, the more flowers will be developed after the vernalization in winter.
- Advice: use 4-6 seeds/plug in a 288 tray and sow in June.



White 70004256

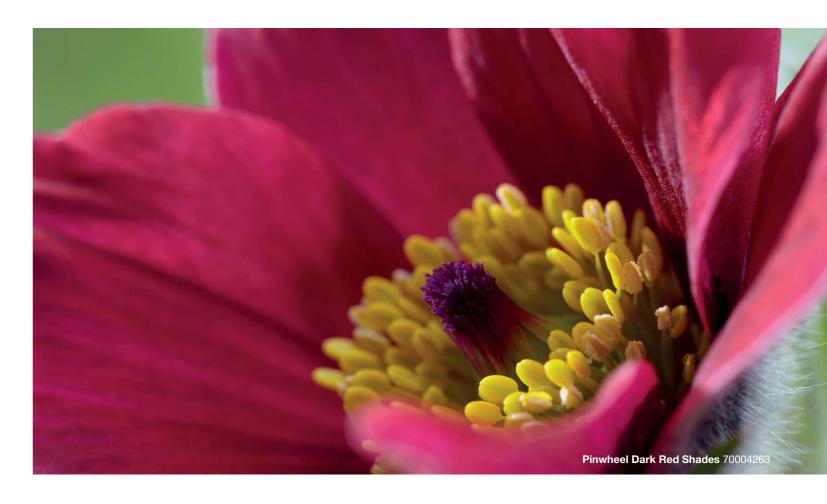


Blue Violet Shades 70004255



Dark Red Shades

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
60%	Raw	10-14 cm	No	30-34 weeks	February-March	25-30 cm	Mounding	Sun	5



SEED | PERENNIALS

SALVIA SAXIFRAGA

Merleau

Salvia x superba





The matching series.

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

- The 3 colors match in earliness and habit and can be combined in 1 large container.
- More compact than the Bordeau series for efficient mass market production.
- Advice: use 2 seeds per plug in a 288 tray.









Blue Compact 70007976

Product

Pot size 12-17 cm



PGR

70070514

Crop time 10-14 week

after potting	Finished plant shipping month
ks	June-August

70000623

Plant height	Habit
40-50 cm	Uprigh

Exposure	Winter hard. z
Sun	5



Highlander

Saxifraga x arendsii

The seed alternative.

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

- Seed variety with a good uniformity for the P9 production or mass market retail actions.
- Available in 3 shading colors.





Pot size

Raw, Pellet 10-13 cm No





Highlander Rose Shades 70000606

700006

24-28 weeks

Crop time after potting	Finished p

Finished plant shipping month	Plant height	Habit
February-April	20-25 cm	Mounding

Winter hard. zone

Lofty

Germ. rate | Product

70000605

Saxifraga x arendsii

The next generation.

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.

- Early flowering and very large showy flowers.
- · Vigorous plants that fill up the pot easily.







Lofty Pink Shades 70059063

Blush	Pink Shad
70028078	70059063

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
70%	Raw, Pellet	10-13 cm	No	24-28 weeks	February-April	20-25 cm	Mounding	Sun	6

SEDUM SEDUM

Silver Frost

Sedum nevii



Foliage color in the garden.

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.

- Easy to produce with a controled habit.
- Atractive foliage color, in the period that Silver Frost has no flowers.
- Advice: use 2 seeds per plug in a 288 tray.

Pot size

10-14 cm



Silver Frost 70004315

Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard, zone
18-22 weeks	June-September	15-20 cm	Mounding	Sun/Shade	7

Seastar

Sedum pulchellum



Like a seastar.

Product

Sea Star is a first year flowering perennial with unique sea star shape inflorescence.

- Many bright rose flowers in Summer that are grouped together in the shape of a Seastar.
- Suitable for pot cultivation.
- Advice: use 4 seeds per plug in a 288 tray.



Sea Star 70004312

Product Crop time after potting Finished plant Mounding Sun/Shade 8

Solarity

Sedum spurium



44

Colorful groundcover.

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.
- Short side shoots, which makes the plant less sensitive for breaking branches.
- Advice: use 3 seeds per plug in a 288 tray.



Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
50%	Raw	13-15 cm	No	10-12 weeks	June-September	20-30 cm	Mounding	Sun	6

Surrender

Sedum telephium





Autumn flowering sedum

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.

- Seed raised telephium with nice light green foliage and strong deep rose colered flowers.
- Advice: Use 3 seeds per plug in a 288 cell tray.



Surrender Red 70020775

Germ. rate	Product form	Pot size	PGR	Crop time after potting	Finished plant shipping month	Plant height	Habit	Exposure	Winter hard. zone
50%	Raw	13-17 cm	No	10-12 weeks	August-October	20-30 cm	Upright	Sun	5

Discontinued Varieties

Syngenta Flowers, Business International

Annual

Botanical Name	Variety Number	Common Name	F1 or OP	Series	Commercial Name	Drop Reason	Replace- ment Variety Number	Replacement or Substitute Variety
Begonia	70018251	Begonia, Fibrous	F1	Bada Bing	Bada Bing Pink	Replaced	70107353	Bada Bing Pink Imp.
semperflorens	70002618	Begonia, Fibrous	F1	Bada Bing	Bada Bing Scarlet	Replaced	70071001	Bada Bing Scarlet Imp.
	70018255	Begonia, Fibrous	F1	Eureka	Eureka Bronze Scarlet	Replaced	70018276	Eureka Bronze Scarlet Imp.
	70001169	Begonia, Fibrous	F1	Volumia	Volumia Rose Bicolor	Production Challenges		N/A
Begonia x Hybrida	70054555	Begonia Interspecific	F1	Tophat	Tophat Scarlet	Replaced	70076218	Tophat Scarlet Imp.
Catharanthus	70038520	Vinca, Spreading	F1	Cora Cascade	Cora Cascade Apricot	Replaced	70071702	Cora Cascade Apricot Imp.
roseus	70064219	Vinca, Spreading	F1	Cora Cascade	Cora Cascade White	Replaced	70071694	Cora Cascade White Imp.
	70071665	Vinca	F1	Cora XDR	Cora XDR Magenta Halo	Replaced	70071667	Cora XDR Magenta Halo Imp.
Cleome	70006560	Cleome	F1	Sparkler	Sparkler Blush	Replaced	70059757	Sparkler 2.0 Blush
hassleriana	70018910	Cleome	F1	Sparkler	Sparkler Lavender	Replaced	70059771	Sparkler 2.0 Lavender
	70006561	Cleome	F1	Sparkler	Sparkler Rose	Replaced	70059762	Sparkler 2.0 Rose
	70002676	Cleome	F1	Sparkler	Sparkler White	Replaced	70059754	Sparkler 2.0 White
	70018911	Cleome	F1	Sparkler	Sparkler Mix	Replaced	70105466	Sparkler 2.0 Mix
Gazania rigens	70007597	Gazania	F1	Big Kiss	Big Kiss Yellow Flame	Replaced	70041321	Big Kiss Yellow Flame Imp.
Pelargonium peltatum	70000778	Geranium, Ivy	F1	Tornado	Tornado Carmine	Production Challenges	70000786	Tornado Red
Pentas lanceolata	70052739	Pentas	F1	BeeBright	BeeBright White	Production Challenges	70038535	Honey Cluster White
Petunia pendula	70000700	Petunia trailing	F1	Plush	Plush Blue	Replaced	70061717	FotoFinish Blue
	70000695	Petunia trailing	F1	Plush	Plush Deep Pink	Replaced	70067220	FotoFinish Pink
	70004045	Petunia trailing	F1	Plush	Plush Deep Purple	Replaced	70061720	FotoFinish Burgundy
	70006999	Petunia trailing	F1	Plush	Plush Lilac Pearl	Replaced		N/A
	70000703	Petunia trailing	F1	Plush	Plush Mix	Replaced	70099727	FotoFinish Mix
	70008610	Petunia trailing	F1	Plush	Plush Red	Replaced	70067221	FotoFinish Red
	70000701	Petunia trailing	F1	Plush	Plush Salmon	Replaced	70065697	FotoFinish Salmon
	70000698	Petunia trailing	F1	Plush	Plush White	Replaced	70083138	FotoFinish White
	70007000	Petunia trailing	F1	Plush	Plush Rose	Replaced	70067220	FotoFinish Pink
	70037015	Petunia trailing	F1	Ramblin	Ramblin' Amethyst	Replaced		N/A
	70021390	Petunia trailing	F1	Ramblin	Ramblin' Burgundy Chrome	Replaced	70061720	FotoFinish Burgundy
	70007896	Petunia trailing	F1	Ramblin	Ramblin' Lavender	Replaced		N/A
	70007897	Petunia trailing	F1	Ramblin	Ramblin' Lilac Glo	Replaced		N/A
	70006122	Petunia trailing	F1	Ramblin	Ramblin' Mix	Replaced	70099727	FotoFinish Mix
	70007898	Petunia trailing	F1	Ramblin	Ramblin' Neon Rose	Replaced	70067220	FotoFinish Pink
	70002882	Petunia trailing	F1	Ramblin	Ramblin' Nu Blue	Replaced	70061717	FotoFinish Blue
	70007899	Petunia trailing	F1	Ramblin	Ramblin' Peach Glo	Replaced	70067220	FotoFinish Pink
	70007900	Petunia trailing	F1	Ramblin	Ramblin' Pink	Replaced	70067220	FotoFinish Pink
	70002889	Petunia trailing	F1	Ramblin	Ramblin' Red	Replaced	70067221	FotoFinish Red
	70007901	Petunia trailing	F1	Ramblin	Ramblin' Salmon Capri	Replaced	70065697	FotoFinish Salmon
	70002887	Petunia trailing	F1	Ramblin	Ramblin' Shades O Pink	Replaced	70067220	FotoFinish Pink
	70061885	Petunia trailing	F1	Ramblin	Ramblin' Sky' Blue	Replaced		N/A
	70041031	Petunia trailing	F1	Ramblin	Ramblin' Sugar Plum	Replaced		N/A
	70007903	Petunia trailing	F1	Ramblin	Ramblin' Violet	Replaced	70061720	FotoFinish Burgundy
	70002891	Petunia trailing	F1	Ramblin	Ramblin' White	Replaced	70083138	FotoFinish White

Verbena	70000515	Verbena	OP	Obsession	Obsession White	Replaced	70083061	Obsession White Imp.
Hybrida	70000528	Verbena	OP	Obsession	Obsession Crimson with Eye	Production Challenges	70000520	Obsession Burgundy with Eye

Biennial

Botanical Name	Variety Number	Common Name	F1 or OP	Series	Commercial Name	Drop Reason	Replace- ment Variety Number	Replacement or Substitute Variety
Ranunculus asiaticus	70007135	Ranunculus	F1	Magic	Magic White	Replaced	70058943	Magic White Imp.
Viola cornuta	70002991	Viola	F1	Penny	Penny Marina	Replaced	70074675	Penny Marina Imp.
	70007677	Viola	F1	Penny	Penny Marlies	Portfolio Rebalancing	70035185	Penny Azure Dawn
	70007528	Viola	F1	Penny	Penny Purple Marina	Portfolio Rebalancing	70064553	Penny Violet Face
	70021017	Viola	F1	Penny	Penny Violet	Replaced	70074687	Penny Violet Imp.
Viola x wittrockiana	70007788	Pansy	F1	Mariposa	Mariposa Beaconsfield	Portfolio Rebalancing		N/A
	70035212	Pansy	F1	Mariposa	Mariposa Black	Portfolio Rebalancing		N/A
	70021020	Pansy	F1	Mariposa	Mariposa Blotch Mix	Portfolio Rebalancing		N/A
	70007790	Pansy	F1	Mariposa	Mariposa Blue Over Yellow	Portfolio Rebalancing		N/A
	70041116	Pansy	F1	Mariposa	Mariposa Blue Blotch	Portfolio Rebalancing		N/A
	70007779	Pansy	F1	Mariposa	Mariposa Light Blue	Portfolio Rebalancing		N/A
	70021001	Pansy	F1	Mariposa	Mariposa Mix	Portfolio Rebalancing		N/A
	70007781	Pansy	F1	Mariposa	Mariposa Orange	Portfolio Rebalancing		N/A
	70007791	Pansy	F1	Mariposa	Mariposa Orange Blotch	Portfolio Rebalancing		N/A
	70035211	Pansy	F1	Mariposa	Mariposa Peach Shades	Portfolio Rebalancing		N/A
	70007793	Pansy	F1	Mariposa	Mariposa Primrose Shades	Portfolio Rebalancing		N/A
	70039330	Pansy	F1	Mariposa	Mariposa Purple	Portfolio Rebalancing		N/A
	70007794	Pansy	F1	Mariposa	Mariposa Red Wing	Portfolio Rebalancing		N/A
	70007782	Pansy	F1	Mariposa	Mariposa Red Blotch	Portfolio Rebalancing		N/A
	70007785	Pansy	F1	Mariposa	Mariposa True Blue	Portfolio Rebalancing		N/A
	70007786	Pansy	F1	Mariposa	Mariposa Violet with Face	Portfolio Rebalancing		N/A
	70007776	Pansy	F1	Mariposa	Mariposa White	Portfolio Rebalancing		N/A
	70007795	Pansy	F1	Mariposa	Mariposa White Blotch	Portfolio Rebalancing		N/A
	70007787	Pansy	F1	Mariposa	Mariposa Yellow	Portfolio Rebalancing		N/A
	70007796	Pansy	F1	Mariposa	Mariposa Yellow Blotch	Portfolio Rebalancing		N/A
	70041129	Pansy, Spreading	F1	WonderFall	Wonderfall Purple and Blue Shades	Portfolio Rebalancing		N/A
	70034810	Pansy, Spreading	F1	WonderFall	WonderFall White	Portfolio Rebalancing		N/A

General Conditions of Sale

Syngenta Seeds B.V.

These conditions apply to every offer and every agreement between Syngenta Seeds B.V. and a buyer insofar as the parties have not explicitly deviated from one or more of these conditions.

1. Definitions

For the purposes of these General Conditions of Sale, the following terms shall have the following meaning:

"Affiliate" means, in relation to either Party, a company which controls, is controlled by, or is under common control with that Party. For purposes of this definition, "control" means possession, directly or indirectly, of at least fifty percent (50%) of the voting equity of another entity (or other comparable interest for an entity other than a corporation), or the power to direct or cause the direction of the management or policies of an entity whether through ownership of securities, by contract or otherwise.

"Buyer" means the person or company whose order for the Products is accepted by Syngenta.

"Change of Control" means the event that a legal entity not being the Buyer or a Buyer's Affiliate, acquires or otherwise becomes able to Control the Buyer.

"Conditions" means the standard conditions of sale set out in this document

"Contract" means the contract for the purchase and sale of the Products made between Syngenta and the Buyer.

"Delivery" means the shipment FCA (Incoterms 2010) from Syngenta's premises to the agreed delivery point, unless otherwise provided in the Contract. In case no delivery point has been agreed, Syngenta is entitled to nominate the delivery point. Delivery to plant raisers in the Netherlands shall take place postage paid, except for urgent and/or express delivery in which case the shipment costs shall

"Insolvency Event" means, in relation to the Buyer, any of the following circumstances: (i) if it is unable to pay its debts as they fall due or is declared bankrupt. (ii) if it ceases or threatens to cease carrying on all or substantially all of its business, otherwise than for the purposes of a solvent reconstruction or amalgamation, (iii) if any liquidator, receiver, administrator, custodian, trustee or administrative receiver is appointed over the whole or any material part of its undertaking, property or assets, (iv) if an order is made or resolution is passed for its winding up, otherwise than for the purposes of a solvent reconstruction or amalgamation, (v) if it applies for other measures of protection against its creditors under applicable bankruptcy or insolvency laws or (vi) if any event analogous to any of the foregoing occurs in any jurisdiction in which any of its assets are situated.

"Parties" means Syngenta and the Buyer.

"Products" means the products (including any instalments of the products or any parts of them) which Syngenta is to supply in accordance with the Contract, whose features and capacities are specifically described in the Contract. Products may include, without limitation, seeds, seedlings, rootstocks, cuttings, young plants and ornamental plants, for instance of the following crops: cereals, corn, sunflower, rapeseed, fodder beet, vegetable crops and flowers.

"Syngenta" means the Syngenta entity that has agreed to supply the Products to the Buyer under the Contract.

"Syngenta Group" means the Syngenta contracting entity, and/or any other company considered as a Syngenta Affiliate as per the definition given above.

The latest International Seed Federation (I.S.F.) terms and definitions describing the reaction of plants to pests and pathogens and to abiotic stresses for the vegetable seed industry are hereby incorporated by reference. If Syngenta uses these terms in these General Conditions of Sale and any related statements, the definition of I.S.F. applies.

2. Orders

- 2.1 Syngenta shall sell and the Buyer shall purchase the Products in accordance with:
 - (i) any written order of the Buyer which has unconditionally been confirmed by Syngenta (including, without limitation, by delivering

some or all of the ordered Products); or

- (ii) any other written agreement between the Buyer and Syngenta subject in either case to these Conditions which are applicable to the Contract.
- 2.2 Except for these Conditions, no terms and conditions which the Buyer purports to apply under any early order, purchase order, confirmation of order, specification or similar document will form part of the Contract.
- 2.3 The Buyer shall state in writing in its order and/or at Syngenta first request the data, specifications and documents legally required in the country of delivery, of, among others, the following:

- phytosanitary requirements;
- international certificates;
- other import documents or import declarations.
- 2.4 All orders which are placed with Syngenta through Syngenta's electronic ordering system are equally subject to these Conditions, as well as any further specific terms and conditions which may be posted within and/or are downloadable from such system.
- 2.5 Syngenta reserves the right to amend these Conditions from time to time.
- 2.6 No order which Syngenta has confirmed in accordance with Condition 2.1(i) can be cancelled by the Buyer except with Syngenta's written
- 2.7 If Products ordered under the Contract have not yet been delivered or paid for, Syngenta may terminate the Contract immediately by notice in writing to the Buyer if an Insolvency Event or Change of Control occurs in relation

3. Delivery

- 3.1 Any dates specified by Syngenta for Delivery of the Products are approximate only and do not constitute a deadline.
- 3.2 The quantity of any shipment of Products as recorded by Syngenta or its (sub-)contractor upon dispatch from Syngenta or its (sub-)contractor's place of business shall be conclusive evidence of the quantity received by the Buyer on delivery unless the Buyer can provide conclusive evidence proving the contrary.
- 3.3 In the case of a non-delivery of the Products written notice of the nondelivery is given to the carrier and Syngenta by the Buyer within fourteen (14) days of the date when the Products should have been received. If the Buyer does not inform Syngenta and the carrier of the non-delivery within this period, the Buyer's rights to hold Syngenta liable for the non-delivery
- 3.4 Any liability of Syngenta for non-delivery of the Products shall be limited to replacing the Products within a reasonable time or issuing a credit-note at the pro-rata Contract rate against any invoice raised and paid for such
- 3.5 A signature of qualified acceptance on a carrier's delivery note shall not be written notice to either the carrier or Syngenta for the purpose of these
- 3.6 Syngenta is permitted to deliver the sold Products in instalments. If the Products are delivered in instalments, Syngenta has the right to invoice each partial delivery separately.
- 3.7 If the quantity mentioned in an order deviates from the standard quantity applied by Syngenta or a multiple thereof, Syngenta has the right to deliver the nearest higher quantity being, as applicable, the standard quantity applied by Syngenta or a multiple thereof.
- 3.8 Return deliveries, including the mutual exchange of seeds for pelleted seeds, are not permitted, unless agreed in advance between the parties in
- 3.9 If for any reason
 - (i) production (including harvesting and processing) of any Products

shall fail to provide Syngenta with Products of sufficient quantity and/ or quality for Delivery to the Buyer, or

at any time total demand for Products shall for any reason exceeds Syngenta's total available supply through its normal sourcing

Syngenta shall not be under an obligation to deliver the quantity ordered by the Buyer and the Products to be supplied under the Contract shall be such quantity as Syngenta shall in its sole discretion allocate to be supplied under the Contract, and Syngenta shall not be in breach of the Contract, negligent or otherwise liable to the Buyer (and the Buyer shall not be entitled to any damages) if such quantity is less than the quantity ordered by the Buyer.

- 3.10 Young plants and ornamental plants are delivered in a special (design copyrighted) tray(s) and, depending on the quantity, loaded on a pallet(s) which shall both remain Syngenta's property. The Buyer acknowledges that Syngenta holds all design and property rights related to the tray(s) and undertakes to act in compliance with these rights. The Buyer shall take due care of these trav(s) and pallet(s) until they are collected by Syngenta. The Parties shall make agreements with regard to the frequency with which the trav(s) and/or pallet(s) are collected by Syngenta. If these tray(s) and/ or pallet(s) are lost or damaged whilst in the Buyer's possession or control. the Buyer shall be liable to pay to Syngenta an amount of € 5 per tray and € 12.50 per pallet. The Buyer shall store the tray(s) and/or pallet(s) in such manner that Syngenta can collect them in a normal manner. The Buyer shall ensure that the tray(s) and/or pallet(s) are clean. In order to guarantee Syngenta's property rights the trays are individually numbered and registered by means of a barcode. The Buyer will not remove or otherwise render illegible this barcode and should the Buyer do so the Buyer shall pay to Syngenta an amount of € 1 per tray, without prejudice to Syngenta's right to claim a higher amount in damages from the Buyer.
- 3.11 The Buyer is not permitted to continue to use the tray(s) and/or pallet(s), or to let them be used by third parties, unless explicitly agreed otherwise by Syngenta in writing.
- 3.12 If no agreements have been made between the Buyer and Syngenta about shipment. Syngenta shall have the right to ship the consignment in the manner it deems best. The shipment is entirely for the Buyer's risk. Any additional costs as a consequence of the Buver's special transport and/or packaging requirements shall be charged to the Buyer's account.

4. Price and Payment

- 4.1 The price of the Products shall be Syngenta's quoted price, or when no price has been quoted (or a quoted price is no longer valid), the price set out in Syngenta's most current published price list at the date of Delivery. Syngenta reserves the right to modify its prices periodically and in the interim. Each new price listing shall cancel the previous price with regard to orders placed after such new price listing.
- 4.2 The price of the Products is exclusive of any value added tax or any other applicable tax (which the Buyer shall pay in addition when it is due to pay for the Products) and further costs to be paid by the Buyer, including amongst others, packaging cost, quality assurance costs and/or phytosanitary inspections, import duties, government and other regulatory levies, and any other fees. Prices are expressed in Euros and shall be paid in Euros, unless otherwise indicated in the invoice
- 4.3 Syngenta shall invoice the Buyer for the price of the Products. Syngenta shall determine the date of issuing such invoice in compliance with relevant
- 4.4 Each invoice for the price of the Products will be paid within 30 days after the invoice date at Syngenta's offices or by deposit or transfer into a bank account indicated by Syngenta.
- 4.5 The Buyer shall make all payments due under the Contract without any deduction whether by way of set-off, counterclaim or otherwise unless the Buyer has a valid court order requiring an amount equal to such deduction to be paid by Syngenta to the Buyer.
- 4.6 If the Buyer fails to make any payment under the Contract on the due

date (without any prejudice to its other rights or remedies), the Buyer is in default. In the event of late payment for deliveries made in the Netherlands. the Buyer shall pay 1% of the interest per month or per part of a month on the invoice amount 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 pay 1.5 % per month or per part of a month on the invoice amount as of the time at which the Buyer is in default. In the event of the Buyer's defaults, Syngenta has the right to charge any exchange rate loss incurred as a result to the Buver's account.

1 erms

- If payment in instalments has been agreed, the entire remaining amount shall be immediately payable, in the event of late payment of an instalment. The stipulations of Condition 4.6, shall apply by analogy.
- 4.8 Without prejudice to its other rights and remedies, Syngenta shall have the right to immediately cancel any orders accepted by Syngenta, or to delay the delivery of Products ordered therein, if the Buyer's account with the Syngenta Group shows that the Buyer is overdue in paying any Syngenta invoices
- 4.9 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 the invoice
- 4.10 Syngenta reserves the right to not carry out, or no longer carry out, orders or agreements if previous deliveries have not been paid for by the Buyer or the Buyer has not fulfilled or it's at risk of not fulfilling his obligations to Syngenta. The Buyer is required to pay the damage suffered by Syngenta due to this. Syngenta is not responsible for any damage suffered by the Buyer as a result of not carrying out orders.
- 4.11 If there is any doubt at Syngenta's discretion regarding the ability of the Buyer to pay, Syngenta will be entitled to defer performances until the Buyer has provided surety for the payment. If the Buyer has not provided surety for the payment within fourteen (14) days after being requested to do so, Syngenta is entitled to terminate the agreement by cancellation. In this case the Buyer will be liable for expenses incurred by Syngenta.

5. Property and Risk

- 5.1 Ownership of the Products shall only be transferred to the Buyer once they have been fully paid for and the Buyer has fulfilled all of its other obligations towards Syngenta. Payment refers to the full payment of the invoiced price, including value added tax, applicable interest and any other costs. as stated in Condition 4.2. The above stipulation shall apply irrespective of the manner in which the delivered Products or the Products resulting from them have been planted and/or connected to a medium and/or substrate.
- 5.2 Products delivered by Syngenta, covered by the retention of title pursuant to Condition 5.1, can only be resold or used in the framework of ordinary business operations. In the event that the Products are resold by the Buyer, the Buyer shall require from its buyers a retention of title and, to ensure by means of a perpetual clause to be imposed, that third parties undertake to immediately send Syngenta the records of consignment numbers of the Products, so that all the delivered Products can be traced to third parties.
- 5.3 The risk of damage to or loss of the Products shall be borne exclusively by the Buver as from their Delivery.
- 5.4 For Products which have been supplied but not yet paid-for, the Buyer shall hold the Products on Syngenta's behalf and shall keep the Products separate from those of the Buyer and third parties, shall sufficiently insure the Products against loss and/or damage and shall identify the Products as Syngenta's property. At Syngenta's request, the Buyer shall provide proof that it has subscribed to an insurance policy. Until the Buyer has paid for the Products in full, the Buyer undertakes to take all necessary measures in order to preserve the integrity and quality of the Products. The Buyer is not permitted to encumber the Products or to vest any other rights in them.
- 5.5 The Buyer's right to possession of Products belonging to Syngenta will cease immediately if an Insolvency Event occurs in relation to the Buyer. Where the Buver's right to possession has terminated, the Buver grants Syngenta, its agents, employees and Affiliates irrevocable permission at any time to enter any premises where the Products are or may be stored to recover them. This Condition 5.5 will survive termination of the Contract



for any reason.

6. Terms of use of the Products and usage

- 6.1 Instructions setting forth the restrictions of use of the Products by the Buyer and subsequent buyers may be included in the Products' packaging and/or labelling. By using the Products, the Buyer or further buyers confirm his/their commitment(s) to comply with these restrictions. The Products are exclusively intended for the growing of crops for human or animal usage and/or consumption. The Products and the packaging are proprietary to Syngenta Group or its licensors and are protected by intellectual property rights. Unless otherwise agreed in writing, the Buyer's use of the Products is limited to production of a single commercial crop, whether of fresh produce, forage, fiber, grain or any other crop. In the preceding sentence, "production" shall exclude producing seeds for replanting or vegetative reproduction. Unless expressly permitted by law, use of the seed, including the parental lines that may be unintentionally contained therein. for research, breeding or molecular or genetic characterization is strictly prohibited. Buyer has and shall acquire no rights in relation to parental lines that may be unintentionally contained therein. In the case of the Products being ornamental plant culture products for which plant breeder's rights have been applied for and/or granted, only non-recurring flower or plant production is allowed. Violations shall result in an immediately payable penalty of € 1.00 per reproduced flower or plant. Besides the penalty Syngenta shall retain its right as a licence holder to recover the actually incurred damage from the violating party. Buyer further agrees not to remove the bag-tag and/or labelling from the Products' packages and or
- 6.2 The Buyer shall impose no less stringent restrictions than the restrictions mentioned in this Condition 6 upon its own buyers.

7. Access to premises

The Buyer shall, if requested, give Syngenta, its agents, employees and Affiliates access to its premises where the Products are located at any time to enable Syngenta to inspect the usage of such Products. Syngenta shall notify the Buyer of its visit in a timely manner.

8. Packaging and traceability of Products; use of trademarks, signs and other indications

- 8.1 Use of trademarks, signs and other indications. All of the trademarks. service marks and logos displayed on the Products, in the Contract and/ or in any document or website referenced by them (the "Trademarks") are registered and unregistered trademarks of the Syngenta Group, or third parties who have licensed their trademarks to the Syngenta Group. Buyer shall not reproduce, display or otherwise use any Trademarks without Syngenta's prior written permission.
- Unless agreed otherwise in writing, the Buyer is not permitted to use Trademarks, signs and other marks used by Syngenta, for its own products or services, nor to suggest a (direct or indirect) commercial connection with the Syngenta Group, with the exception of trading the Products in their original packaging on which Trademarks, signs and other marks have been applied by Syngenta. If the delivered Products are resold, this restriction shall also be imposed upon the Buyer's own buyer and to any subsequent buyers.
- 8.2 Packaging. The Buyer shall not change or remove the Trademarks (including, without limitation, corporate or trade names and labels, any bag tag, or any indication of any intellectual property right of any nature whatsoever belonging to Syngenta), from the packaging of the Products. unless with prior written permission by Syngenta.
- 8.3 Traceability. The Buyer hereby acknowledges that any marketing of a Product on which any of the label, batch number, bag tag or sell-by date have been removed, erased or altered, represents a serious breach of these Conditions and of the Contract. Such breach shall entitle Syngenta in its sole discretion to terminate the Contract immediately without any compensation whatsoever in Buyer's favor. In such a case, the Buyer shall bear all the legal, financial and judicial consequences which may arise therefrom, at its sole expense and risk

9. Plant Breeders' rights and other intellectual property rights

- 9.1 The Buyer shall comply with the restrictions and limitations imposed on the Products by the UPOV Convention and its national implementations which are hereby incorporated by reference, and when applicable Council Regulation No 2100/94 of 27 July 1994 on Community plant variety rights, which are also hereby incorporated by reference.
- 9.2 Products protected by a breeder's right applied for or granted in the Netherlands or any other country or by a contractual transfer provision may not be used to further reproduce the variety.
- 9.3 Buyer shall comply with these additional obligations:

- (i) If the Buyer finds a mutant in the Products, the Buyer shall report this immediately to Syngenta by registered letter, and shall make available to Syngenta materials of the mutant for testing purposes and for any other purposes without charge. Furthermore, if the Buyer maintains the mutant, Syngenta has the right to request from the Buyer, within a period of two (2) years after the detection of the mutant, materials of the mutant for testing purposes and for any other purposes without charge. The Buyer shall ensure that this Condition 9.3(i) also applies to its customers, who shall then exercise their reporting obligation
- (ii) The Buyer shall indemnify Syngenta for any damages Syngenta has incurred as a result of any violation by the Buyer of Syngenta's plant breeder's rights or other intellectual property rights.
- The Buyer undertakes to fully cooperate as desired by Syngenta, including cooperating with the collection of evidence, in the event that Syngenta is engaged in legal proceedings with regard to plant breeder's rights or other intellectual property rights.
- The Buyer shall report all sales of Products as may be required by relevant royalty collecting agencies administering rights in the Products. If the Buyer is a licensee of Syngenta the Buyer shall ensure that its sub-licensees, where relevant, also comply with this Condition 9.3(iv).

10. Statement related to Genetically Modified Organisms

All the Products currently sold by Syngenta in Europe, Africa and the Middle East have been bred by conventional plant breeding methods and with parent components that have not been genetically modified, without using genetic modification techniques leading to genetically modified organisms as defined in Directive 2001/18/EC on the deliberate release into the environment of genetically modified organisms. The methods and processes used in the development and maintenance of those varieties are aimed to achieve high purity standards and minimizing the risk of offtypes or adventitious presence of other plant material, including genetically modified material, as defined by the applicable laws or regulations. Seed production has been carried out in accordance with existing requirements related to marketing of varieties and seed production rules including specified isolation distances. The Buver acknowledges that, although unlikely, the risk of adventitious presence of genetically modified organisms cannot however be totally excluded.

11. Warranty

- 11.1 Syngenta shall make its best efforts for the Products to conform to their specifications and labels as much as possible, provided that they are handled by the Buyer with utmost care. No guarantees apply to the
- 11.2 The Buyer shall check upon Delivery of the Products the condition of the Products and absence of visible defects of the Products, and shall bear the expenses and assume the risks related to such inspection.
- 11.3 Any claim or reservation regarding visible defects (such as but not limited to differences in weight, defective packaging, errors in the numbers of parcels or packages, exterior appearance), shall be made on the carrier's receipt and confirmed by registered letter with acknowledgment of receipt, sent to Syngenta within five(5) working days as from the Delivery of the Products, with the exception of seed trays and young plants for which claims shall be submitted within forty eight (48) hours of their Delivery. The Buyer shall specify and justify the nature of its claim or reservation, and identify the defective Products by their batch number.
- 11.4 Any claim regarding invisible defects as of the time of Delivery (such as but not limited to moisture content, specific purity, seed coating and grading, germination rate, trueness to type) shall be made by Buyer by registered letter with acknowledgment of receipt within five (5) working days from the discovery of such invisible defect and/or from the time at which the Buyer could reasonably have discovered the defect, but in no event no more than one (1) year from Delivery, after which Buyer shall be barred from asserting such a claim, and Syngenta may no longer be held liable for, defective
- 11.5 Syngenta shall not be held liable for any defect under Conditions 11.3 or 11.4 unless (i) Buyer has notified Syngenta following the relevant conditions set forth in this Condition 11, and (ii) Buyer has provided Syngenta after receipt of the notice with a reasonable opportunity to examine the Products. In all cases. Syngenta shall not be held liable under the abovementioned conditions if (i) the Buyer has not used the Products in the ordinary course of business (in accordance with Condition 6 above), (ii) has modified them in any way whatsoever, (iii) has not stored, kept and handled them so as to ensure that they remain in a good state of conservation and/or (iv) if the defects did not exist at the time of Delivery.
- 11.6 If the Products have been delivered showing visible defects and (i) the Buyer has notified Syngenta following the relevant conditions set forth in

this Condition 11 and (ii) the Buyer has provided Syngenta after receipt of the notice with a reasonable opportunity to examine the Products. Syngenta shall be entitled at its option to either replace the Products (or the defective part) free of charge or, if the Products have already been paid for, refund the price of such Products (or a proportionate part thereof) by issuing a credit note at the pro-rata Contract rate.

11.7 In the event of a lasting dispute between the parties with regard to the germination capacity, the pedigree, the purity of the race and/ or the technical purity, a (re) inspection can be carried out by the NAK Tuinbouw, which has its offices in Roelofsarendsveen, the Netherlands, at the request of one of the Parties, for the account of the Party found to be in error. The results of this (re) inspection shall be binding for both Parties, without prejudice to the parties' right to submit disputes regarding the consequences of such results to the institutions mentioned in the Condition 17.

12. Exclusion, Limitation of Liability and Indemnification.

- 12.1 The following provisions of this Condition 12 and Conditions 11 and 3 set out the entire liability of Syngenta (including any liability for the acts or omissions of its employees, agents and sub-contractors) to the Buyer in respect of:
 - (i) any breach of these General Conditions of Sale; and
 - any representation, statement, tortious act or omission, or negligence, arising under or in connection with the Contract
- 12.2 The Buyer shall mitigate any and all loss and damage in relation to which the Buyer lodges a claim against Syngenta under the Contract.
- 12.3 All warranties, conditions and other terms implied by statute or law are
- excluded from the Contract as far as legally possible. 12.4 Subject to maximum extent permitted under applicable law
 - (i) Syngenta's total liability in contract, tort (including negligence and breach of statutory duty), misrepresentation or otherwise, arising in connection with the performance or contemplated performance of the Contract shall be limited to the Contract value (net of value added tax); and
 - (ii) Syngenta shall not be liable to the Buyer by reason of any representation or any implied warranty, condition or other term or any duty at law or under the express terms of the Contract for any indirect. consequential, incidental or special loss or damage, costs, expenses (whether or not Syngenta has been advised of the possibility of such loss, damages, costs or expenses), or any claims for consequential compensation, howsoever caused (including without limitation caused by the negligence of Syngenta or its employees, Affiliates, agents or sub-contractors), which arise out of or in connection with the Contract:
 - Syngenta shall not be liable to the Buyer for any loss of profit, loss of business, loss of business opportunity, loss of revenue, depletion of goodwill howsoever caused (including without limitation caused by the negligence of Syngenta or its employees, Affiliates, agents or sub-contractors), which arises out of or in connection with the Contract.
- 12.5 The Buyer shall hold harmless and indemnify Syngenta against any and all claims of third parties for damages which have been caused by or are otherwise connected with any Products delivered by Syngenta, including, without limitation, claims made against Syngenta in its capacity as producer of the Products pursuant to product liability, unless such damage is caused by gross negligence or wilful misconduct on the part of Syngenta. The Buyer undertakes to subscribe to and maintain an appropriate insurance against claims arising from the indemnification provided for in this Condition 12.5, and an insurance certificate shall be submitted to Syngenta at Syngenta's first request.
- 12.6 All information given in Syngenta's catalogue or otherwise provided by Syngenta, or by any agent or representative on Syngenta's behalf, relating to the Products, including but not limited to varieties, varietal characteristics or periods of maturity or otherwise relating to the performance of the Products and cultivation advice, is given for general guidance only. Buyer agrees that any information so given or provided does not constitute a representation or warranty by Syngenta as to any matter and shall not be relied on as such. The Buyer itself shall assess whether the Products and/or information is suitable for application to the envisaged cultivation respectively under local conditions.
- 12.8 Each possible claim regarding compensation for damages pursuant the Contract expires, if and as soon as one year has passed since the delivery of the Products in question when the claim has not been submitted to Syngenta in writing.

13. Stewardship

The Buyer agrees to (i) engage only properly instructed, qualified personnel

with the appropriate handling of the Products and to (ii) follow at all times applicable safe use and disposal practices as recommended by Syngenta or international organizations, and (iii) use the Products only for their intended purposes.

14. Compliance with applicable Laws

The Buyer confirms that it will at all times comply with applicable local and international laws, sanctions and regulations.

15. Force Majeure

- 15.1 Syngenta shall not be liable to the Buyer in any manner or deemed in breach of the Contract because of any delay in performing or any failure to perform any of Syngenta's obligations under the Contract if the delay or failure was due, or in response to a Force Majeure event. Force Majeure means any cause beyond Syngenta's or its contractor's reasonable control, that could not, or which effects could not have been reasonably prevented. For instance, the total demand for Products exceeding for any reason Syngenta's total available supply through its normal sourcing arrangements shall be interpreted as a Force Majeure event.
- 15.2 Syngenta shall notify the Buyer as soon as possible if Syngenta is unable to deliver or unable to deliver in a timely manner due to Force Majeure.
- 15.3 If the situation of Force Majeure continues for more than two (2) months and the Parties have not agreed on a change to the Contract, both Parties shall have the right to dissolve the Contract. In such instances Syngenta shall not liable to pay any damages.

16. Confidentiality

The Buyer shall hold in strict confidence any and all information about the Products, the know-how and trade secrets of Syngenta and its business, irrespective whether the source of such information has been Syngenta or one of its Affiliates or a third party, or whether such information was found, developed, or generated by the Buyer itself. In particular and without limitation to the foregoing, turnover figures (notwithstanding Condition 9.3(iv)) and measures for sales promotion shall not be communicated to third parties. The Buyer shall ensure that its own buyers comply with the obligations set out in this Condition 16. This Condition 16 will not apply to information that is in the public domain except where this is as a result of any breach of this Condition 16.

17. Applicable Law

Any Contract between Syngenta and the Buyer shall be governed by law of the Netherlands. The competent Court of Amsterdam or, at Syngenta's discretion, any other competent court according to applicable law, is exclusively competent. The United Nations Convention on Contracts for the International Sale of Goods is expressly excluded from these Conditions.

18. Severability

Any provision of the Contract and/or the Conditions which is held by any competent authority to be invalid, void, voidable, unenforceable or unreasonable (in whole or in part) shall to the extent of such invalidity, voidness, voidability, unenforceability or unreasonableness be deemed severable and the other provisions of the Contract and/or the Conditions and the remainder of such provision shall not be affected. Syngenta and the Buyer shall in that case use their best efforts to negotiate valid and enforceable substitute provisions and/or the Conditions for those declared invalid or unenforceable, in order to carry out as far as possible the original intent and the purpose of the Contract and/or the Conditions.

19. Protection of personal data

In the performance of any offer or agreement between the Parties, each Party will comply with data protection law ("Data Protection Law"), if and to the extent that the processing of personal data plays a role. For the purposes of this Condition, Data Protection Law means laws, provisions, regulations (including but not limited to General Data Protection Regulation (Regulation (EU) 2016/679), AVG), and - to the extent that they are generally binding - precedents, rules, standards and other similar instruments, as applicable to a Party's data processing.

December 2019

