FLOWER CATALOGUE

Seeds

















QUALITY RELIABILITY SERVICE







ADRESSES

Sakata Ornamentals Europe A/S

Odensevej 82 5290 Marslev Denmark

Tel. +45 63 90 64 90

Sakata Holland B.V.

Saturnusstraat 1 2132 HB Hoofddorp The Netherlands Tel. +31 235 54 32 00

OUR TEAMS

Sales Department

Menno Straver
Sales Manager EMEA
Tel. +31 235 54 32 01
Email menno.straver@sakata.eu

Customer Service Department

Charlotte Larsen

Head of Customer Service EMEA

Tel. +45 63 90 64 27

Email charlotte.larsen@sakata.eu

Product Management

Bob Leek

Head of Product Management EMEA

Tel. +31 235 54 32 11

Email bob.leek@sakata.eu

Marketing Communication Department

Gill Corless

Marketing Manager EMEA

Tel. +31 235 54 32 24

Email qill.corless@sakata.eu

CONTACT



PASSION IN SEED!

Sakata has more than 100 years of experience in providing growers with innovative and value-added genetics. We take pride in our reputation as innovative breeders and producers of top quality seeds.

In today's market, the key to success is making the connections that work. In the commercial chain from breeder to consumer, it is important that each link understands the needs of the other, in order to make their contribution to the end product - because the success of one is dependent on the success of another. Sakata connects with the links throughout the chain, in order to create products that offer added value for the distributor, plug producer, grower, retailer and the end consumer.

Breakthroughs in breeding are at the core of Sakata's success, and a pillar on which we grow. One example of this is the renowned Zinnia Profusion series, first awarded a Fleuroselect Gold Medal for breeding excellence in 1999! In the most recent trials, Profusion Red Yellow Bicolour was awarded the coveted 2022 Gold Medal award, making Profusion the most prolifically awarded series in the 50 year history of the Fleuroselect organisation.

In this catalogue you can also discover many more new introductions in our extensive bedding and pot plant and cut flower assortments.

In a time where personal connections have been disrupted, Sakata has risen to the challenge. Find us online at our corporate website, www.sakataornamentals.eu or one of our linked brand websites for more inspiration and ideas. Connect with us on social media, by email, or just simply give us a call! Connect with Sakata's seed assortment, and let our top quality genetics build your business!

We wish you first and foremost good health, prosperity, and every success in growing your business with Sakata genetics!

SakataOrnamentals.eu

LEGENDA





















AWARDS

Award Winning Seed Varieties

varieties into industry trials to be

judged by peers and experts. Both

the Fleuroselect and All-America

Selections entries are evaluated anonymously under code number in numerous trial grounds in different

locations. Awards granted by both organisations are universally

recognised as true symbols

of excellence.

Sakata regularly enters new







Fleuroselect

Sakata is a member of Fleuroselect, which is the international organisation for the ornamental plants industry. Its main activities include the testing, protecting and promoting of new flower varieties.







FS Gold Medal Winners

- 2022 Zinnia Profusion Red Yellow Bicolour
- 2018 Zinnia Profusion Red
- 2017 Begonia Senator iQ Rose Bicolour

• Historical Gold Medal Winners:

- 2014 Zinnia Profusion Double Hot Cherry
- 2003 Dianthus Can Can Scarlet
- 2002 Pansy Ultima Morpho
- 2001 Zinnia Profusion White
- 1999 Zinnia Profusion Cherry

All-America Selections

Sakata is also a member of All-America Selections, an independeant, non-profit

organisation that tests new varieties then introduces only the best garden performers as AAS Winners.



All-America Selections Gold Medal

• 2021 Zinnia Profusion Red Yellow Bicolour

All-America Selections Medal Winner

- 2019 Begonia Viking XL Red on Chocolate
- 2018 Gypsophila Gypsy White Imp. 2013 Zinnia Profusion Double Hot Cherry
- 2013 Zinnia Profusion Double Deep Salmon

Historical AAS Winners:

- 2004 Gypsophila Gypsy Deep Rose
- 2003 Dianthus Can Can Scarlet
- 2003 Petunia Merlin Blue Morn
- 2002 Pansy Ultima Morpho
- 2001 Zinnia Profusion White
- 1999 Zinnia Profusion Orange
- 1999 Zinnia Profusion Cherry

RHS Award

The RHS Aaward of Garden Merit exists to help gardeners choose the best all round garden value varieties.

Ageratum Blue Horizon Petunia Explorer Pink Petunia Explorer Purple Celosia Century Rose Celosia Century Red

This award indicates that the plant is recommended by the Royal Horticultural Society.

Celosia Dragon's Breath Zinnia Profusion Orange Zinnia Profusion White Helianthus Sunbright

SEED HIGHLIGHTS 2021 - 2022

BEDDING PLANTS FROM PAGE 9

POT PLANTS FROM PAGE 58



Piccolo 2 Blue Picotee | 107











Matthiola Early Iron Marine | 115



Viking Explorer Red on Green | 21

Zinnia Profusion Double Red | 56



Zinnia Profusion Red Yellow Bicolour | 56



Lisianthus Alissa 2 Light Pink | 97



PRODUCT FORMS

COATED SEEDS

GERBERA All series

RANUNCULUS Bloomingdale

TAGETES ERECTA, Proud Mari

ZINNIA Profusion

• Seeds are highly visible for

• Ensures single seed selection for accurate machine sowing thereby reducing labour hours

• Avoid double sowings to reduce the number of seeds used

• Dust free

DE-TAILED

TAGETES ERECTA, Proud Mari

• Ensures single seed selection for accurate machine sowing thereby reducing labour hours

• Avoid double sowings to reduce the number of seeds used

MULTI-PELLETS

ANTIRRHINUM Candy Showers

GYPSOPHILA MURALIS Gypsy, Garden Bride

PORTULACA Sunseeker

- Easy machine sowing of small-sized seeds
- Dissolve easily, germination as raw seedsEnhanced visibility for quality control
- at sowing

PELLETED SEEDS

AGERATUM Blue Horizon BEGONIA All series **BELLIS Galaxy** CALCEOLARIA CAMPANULA All series EUSTOMA (LISIANTHUS) All series MIMULUS Mystic PETUNIA All series RANUNCULUS Bloomingdale II SINNINGIA All series TORENIA Little Kiss TRACHELIUM Passion

- Easy machine sowing of small-sized seeds
- Dissolve easily, germination as raw seeds
- Enhanced visibility for quality control



PERFORMAX SEEDS

LEUCANTHEMUM (SHASTA DAISY)

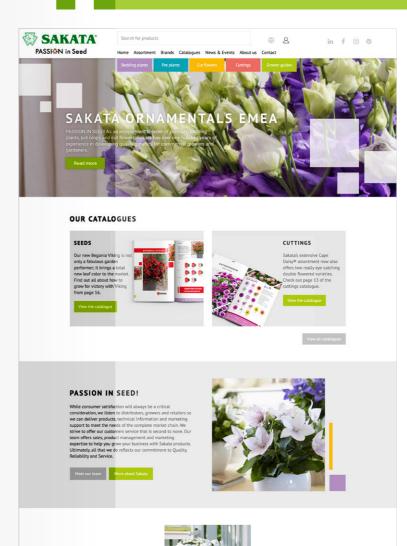
- Uniform seed size for easier sowing
- Higher germination
- High number of usable plants

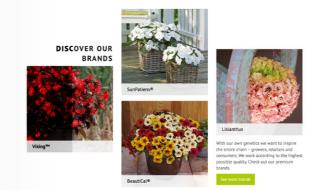
CERTIFIED SEEDS (GSPP)

SOLANUM Red Robin

• Prevention of infection with pathogens

SAKATA ONLINE







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BEDDING PLANTS







From core products like Begonia and Pansy, to specialities like Zinnia and crops that differentiate your assortment like Gypsophila and Trailing Antirrhinum, Sakata's bedding plant offering is bred for efficient production for growers, retail appeal and consumer satisfaction.



AGERATUM HOUSTONIANUM F1

BLUE HORIZON

The first F1 triploid Ageratum strain highly suitable for garden bedding use. Due to the triploid breeding, Blue Horizon has larger blooms than traditional ageratum, is very vigorous and is easy to produce.

- Tall growing, with strong, sturdy stems and numerous branches
- Very high flower productivity



Blue Horizon

ANEMONE CORONARIA F1

HARMONY

Dwarf, compact, multi-flowering plants with large flowers on strong stems. Superb cold crop for premium pots in early spring.

- Suitable for early spring sales
- Harmony is ideal for Valentine's Day, Easter and Mother's Day
- Combine with pansies, dianthus, bellis and poppies for spectacular mixed containers
- Cultural requirements are similar to Bloomingdale ranunculus
- Approximately 25% of Harmony Blue will be double flowers

















































AMARANTHUS TRICOLOR

EARLY SPLENDOR

Strong and colourful landscape item adds height to flower beds in warm areas. Ideal for extra impact late in the summer after other summer bedding plants have peaked.

• Plant height: 60-80 cm, with fertilization up to 1,5 m



Early Splendor

ANEMONE CORONARIA F1

HARMONY DOUBLE

Dwarf, compact, multi-flowering plants with large unique double flowers on strong stems. Superb cold crop for premium pots in early spring. Complimentary to Anemone Harmony series.

- Compact habit
- Very uniform
- Goes well together with Ranunculus
 Ideal for Valentines, Mother's Day and Easter
- 5 colours









































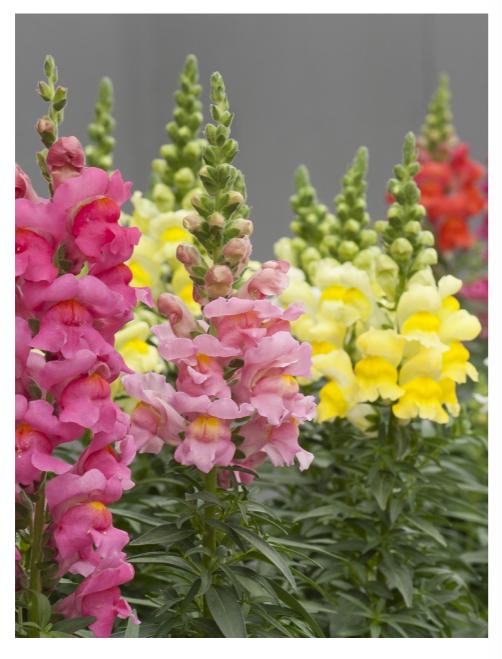


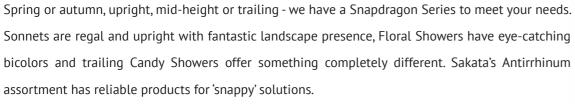






ANTIRRHINUM





ANTIRRHINUM MAJUS NANUM F1

CANDY TOPS

Candy Tops is a sweet addition to Sakata's Snapdragon assortment. Strong stems make for better shipping and retail appeal, whilst an abundance of blooms on dwarf plants means constant colour. Sweet fragrance is a plus! A show stopper that plays well with others in mixed containers, Candy Tops is available in five sweet colours.

- Especially bred for spring in Northern Europe and autumn cultivation and winter flowering in Southern Europe
- Ideal for production in 10,5 and 12 cm pots
- Stronger main stem compared to current dwarf series
- · High uniformity
- Striking, appealing colours
- Fits between Floral Showers and Sonnet













Deep Purple



ANTIRRHINUM MAJUS NANUM PENDULA F1

CANDY SHOWERS

Beautiful as a single colour or as a mixture of colours from the series, Candy Showers is ideal for baskets and containers. Try combining with Pansies and other cool season crops for spring or autumn sales.

- Can be sold in spring or autumn; excellent addition to autumn trailing pansy sales
- Trailing habit makes Candy Showers ideal for use in hanging baskets and mixed containers
- Fill baskets with Candy Showers in single colours, a series mix or in combination with other cool-season favourites such as Pansies or Bellis
- Spreads well in garden beds
- Strong, flexible stems are resistant to breakage in transport and hold up well in the garden
- 7 rich, eye-catching colours, excellent at retail and a splash of colour in the cooler seasons in the garden

































FLORAL SHOWERS

Floral Showers is a fast, day-length-neutral series that flowers within a tight window in both spring and autumn.

- Dwarf habit makes this a good product for pack and pot culture in 10 cm pots with little or no PGR
- Wide colour range including bright colours and unique bicolours
- Very uniform habit between colours so can be sold in separate colours or mixes
- Cool crop, requiring little or no heat, resulting in low production costs
- Side shoots produce early flowers for more colour impact
- Versatile, for use in mixed containers, baskets and beds





































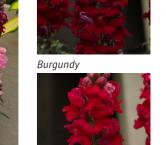
ANTIRRHINUM MAJUS NANUM F1

SONNET

Sonnet is easy to cultivate with a good, uniform growing habit, strong root system and sturdy branching. 12 hours day length required for flowering, suitable for late spring to autumn sales. Long flowering season, main stem is surrounded by numerous flowering spikes. Bright colours are an eye-catcher in garden beds and attractive for use as home garden cut flowers, with the added bonus of a delightful fragrance.

- Well suited for large containers but can be grown in smaller pots with PGR application
- Cool crop requiring little of no heat
- Versatile: plantings in patio containers and landscape or garden displays





Orange Scarlet



Carmine

Crimson



















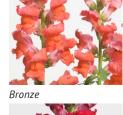
ANTIRRHINUM MAJUS NANUM F1

SPEEDY SONNET

The Speedy Sonnet series requires only 10,5 hours of daylight to bloom, making it not entirely day length neutral, but going a long way toward the goal. Speedy Sonnet needs 1,5 hours less light than Sonnet. In all other respects, Speedy Sonnet can be treated like Sonnet.

- Earlier flowering Sonnet type requiring 10,5 hour photoperiod to flower
- Bred for early spring sales or later autumn sales
- · For early autumn flowering in warm weather areas, choose Sonnet













































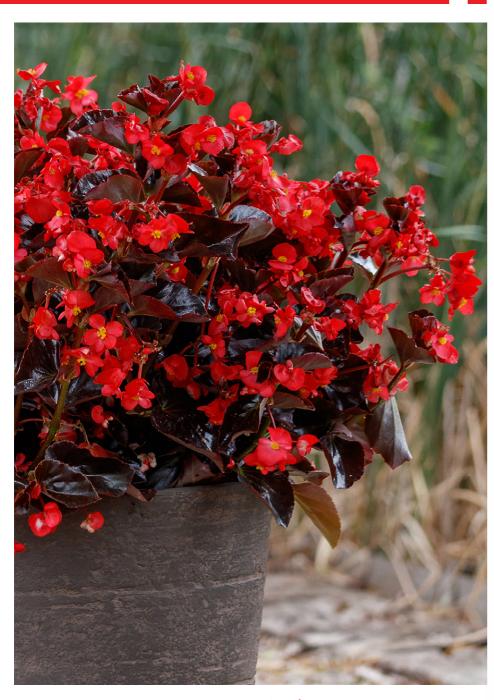








BEGONIA VIKING







VIKING™

All weather Begonia Viking™ and Viking XL series are developed for use in large showy garden containers and as an optimal landscaping performer. Viking Begonias are available in green, bronze and breakthrough chocolate leaf. Chocolate-leafed is unique in this class and has the most intense, darkest leaves under all conditions. Continuous flowering and a range of colours, including specialities like Scarlet and Coral Flame, make this spectacular new hybrid Begonia an exciting invasion on the market!

- Choice out of 3 different leaf colours: Green, Bronze and Chocolate!
- Unique chocolate leaf colour
- All weather Begonia
- Excellent for landscaping & large containers
- Massive flowering
- High diversity of flower colours
- Germination 90%+



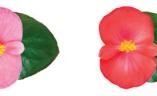
GREEN







Pink on Green



Coral Flame on Green

BRONZE



Red on Bronze



Rose on Bronze



Coral Flame on Bronze

CHOCOLATE



Red on Chocolate



Pink on Chocolate

GROW FOR VICTORY WWW.BEGONIAVIKING.EU

















3 LEAF COLOUR CLASSES





Chocolate

VS.

Green Bronze







- Viking has unique Chocolate Leaf class, intense dark leaves under all conditions
- Viking has more colours than any other series

VIKING XL VS. VIKING

- Viking XL is later flowering and more 'leafy' in the pot stage compared to Viking
 Viking XL has extreme landscaping power!
- Viking XL is longer lasting in the garden/landscape

BEGONIA VIKING XL



BEGONIA VIKING



BEGONIA VIKING XL



BEGONIA X HYBRIDA F1

VIKINGTM XL

Viking XL is extra vigorous and creates more volume, even under extreme conditions, for spectacular landscape plantings. Viking XL Is later flowering and more 'leafy' in the pot compared to Viking. Viking has extreme landscape power and very long lasting in the garden/landscape.

- Viking XL Red on Chocolate 2019 AAS Award Winner
- 2 different leaf colours: Green and Chocolate
- Unique chocolate leaf colour
- All Weather Begonia
- Excellent for landscaping & large containers
- Massive flowering
- Open distribution, unlike competitive series
- Germination 90%+













Red on Chocolate







Red on Green













BEGONIA VIKING EXPLORER









BEGONIA X HYBRIDA F1

VIKING™ EXPLORER

NEW AND UNIQUE! All-new Viking Explorer is a true breeding breakthrough, the first hybrid Begonia of its type with a strong and intrepid trailing habit! With Viking blood and an adventurous heart, Viking Explorer holds up well under a wide variety of weather conditions, from cool and wet to the hottest sun, and feels right at home in any garden or landscape in almost every corner of the world! Ideally suited to hanging baskets or taller containers where it can really show off its all-over flower power and impressive

- Early flowering
- Unique trailing habit with flowers on top and all sides of the plant
- Extreme blooming power through the whole season
 Strong and vigorous plants for the ultimate show
- All wheather resistant; hot, cool, dry, wet; Viking Explorer is the all-round performer.





Red on Green

Rose on Green























BEGONIA X HYBRIDA F1

INFERNO

Fills in fast! Inferno is the ideal landscape Begonia, as it can be produced as easily and efficiently as a pot crop. Inferno is versatile and vigorous in the landscape. Optimal basal branching adds volume and height to beds. High heat and humidity tolerance mean plantings look good all season.

- Versatile, vigorous landscape type for display gardens and large containers
- Plantings fill in fast and full for economical coverage of large areas
- Self-cleaning flowers mean low maintenance
- Recommended for production in pots, containers and hanging baskets

































BEGONIA SEMPERFLORENS F1

Begonia semperflorens F1 is one of the hard working cornerstones of Sakata's ornamental assortment. Strong, reliable varieties that remain consumer favourites year after year, tried and trusted and not at risk of changing trends. Sakata's varied Begonia semperflorens assortment offers something to please everyone.

- Ambassador and Senator^{iQ} are ideal for early-season flowering in packs
- Emperor is large flowered and early flowering
- Alfa is for late season with excellent garden performance





















AMBASSADOR

Ambassador is a rich green-leaved series for early production featuring large flowers on compact plants. The pack performance of Ambassador and Senator^{iQ} is outstanding. The seed quality of these series, in combination with a compact habit, very high uniformity and a tight flowering window, make an extremely dependable product.

- A proven performer for pack production
- Wide range of vibrant colours with green foliage
- This series includes the best Scarlet on the market
- Excellent series uniformity, matching our bronze leaf series, SenatoriQ
- Flowers abundantly even under hot, humid conditions
- Excellent performance in mass plantings in outdoor beds





BEGONIA SEMPERFLORENS F1

PRESIDENT MIX

A popular mix of our green leaf Ambassador series and bronze leaf Senator iQ series.

 A uniform mix with identical crop timing between all colours



BEGONIA SEMPERFLORENS F1

SENATOR10

Sakata's breeding experience and dedication to quality genetics is exemplified in Senator and Ambassador, and in line with this we upgraded the Senator series to a complete new level: Senator^{iQ}. Genetics in series marked with the symbol^{iQ} are more than just 'improved'. This symbol indicates a complete upgrade across all characteristics in a series. Senator varieties marked with the^{iQ} symbol have darker bronze foliage, are non-stretching in the pack/ pot and have a more uniform early flowering habit. Fleuroselect judges awarded Senator^{iQ} Rose Bicolour a 2017 Fleuroselect Gold Medal.

- A proven performer for pack production
- Wide range of vibrant colours with bronze foliage
- This series includes the best Scarlet on the market
- Excellent series uniformity, matching our Ambassador green leaf series
- Flowers abundantly even under hot, humid conditions
- Excellent performance in mass plantings in outdoor beds



















































ALFA

Alfa is somewhat later flowering, therefore easily filling packs and pots. Excellent garden performance.

- Medium early
- Excellent garden performance
- Strong, sturdy plants



BEGONIA SEMPERFLORENS F1

EMPEROR

Emperor combines early flowering with unbeatable pot performance, large, eye-catching flowers and bright green foliage. Excellent garden performance, works equally well in containers.

- Fastest variety on the market flowers 5 to 12 days earlier than other major varieties in this class
- Uniform flowering window, resulting in a quick turnover of crops
- Compared to Ambassador, Emperor is slightly more vigorous and taller with larger flowers
- Flowers continuously, even under hot and humid conditions





























BEGONIA SEMPERFLORENS F1

QUEEN

Queen is the first double-flowered Begonia from seed, offering a uniform plant habit and consistently double-flowered plants. Queen is an excellent choice for tough garden conditions where heat, direct sun and drying winds destroy ordinary Begonias. Double flowers make this a good choice for hanging baskets.

- Seed type with fullydouble blooms
- More cost-effective compared to similar varieties from cuttings
- More vigorous plant habit and heat tolerance compared with other standard semperflorens















BEGONIA TUBERHYBRIDA F1

FORTUNE

Fortune is the ultimate tuberhybrida for fast and high density cultivation, minimal shrinkage at retail and a great garden performance. Large, showy flowers bloom well above the foliage for maximum impact. Within the series, specially selected 'Quick and Compact' colours offer the fastest, best matched colours of all.

- Spectacular double flowers in beautiful colours
- · Rich and free flowering habit with shorter, stronger flower stems
- About 10 days earlier in flower than competitive series: Sow later and save costs
- Naturally compact (chemical growth regulation not required)
- Excellent shelf life
- Eye-catcher at retail

FORTUNE QUICK & COMPACT COLOURS











Orange Shades



Golden with Red Back







Yellow







Golden Shades



Peach Shades

Salmon Rose

White with Rose Back









































FORTUNE MORE COLOURS













BELLIS PERENNIS ANNUA

GALAXY

Galaxy is a cost-effective crop that can be sown in autumn for spring sales or in summer for autumn sales. Cold temperatures are not required to initiate flowering, a plus in areas with warm spring conditions or during production for autumn sales.

- Compact plants with short leaves are ideal for pots and packs
- Very floriferous, semi-double blooms
- Excellent when combined with Pansies and other cool season favourites
- Flowers continuously all winter in mild areas
- In cold areas, Galaxy will go dormant in winter and flower again in spring











BRASSICA OLERACEA F1

NAGOYA

Nagoya produces attractive, colourful fringed leaves and is effective for cool season bedding as well as combination containers.

- A colourful flowering kale for autumn to winter sales along with Pansy, Viola and other cool crops
- Uniform in plant habit and growth
- Responds well to plant growth regulators
 Reducing temperature to promote leaf colour is not required on the same scale as with other cultivars



















BRASSICA OLERACEA F1

OSAKA 10 & OSAKA

An upgrade of a classic! Sakata's Osaka Brassica series is known and loved for its compact flower habit with colourful leaves and wavy edges, a true autumn favorite. Osaka iQ varieties are improved across all series characteristics, with particularly the early colouring offering advantages for earlier season sales. Superbly uniform across the series for worry-free programming. First upgraded varieties to be introduced are Osaka ^{iQ} Red and Osaka ^{iQ} Pink Bicolour.

- Layers of leaves with wavy edges
- Tighter, more compact flower heads
- Less stretched plants even without PGR
- Produces high quality plants with good uniformity









Osaka White









































CALENDULA OFFICINALIS NANA

CALYPSO

Brightly-coloured pot Calendula with large blooms on top of vigorous plants that are well-suited for long life in garden beds and large containers in cool conditions. Planted in spring or autumn, Calypso continues to flower in milder winter climates.

- Ideal compact plant habit for pack and pot sales
- Vigorous garden performance
- Produces abundant bright, large flowers with black centers
- Suited for autumn to spring sales, especially in mild winter climates



Orange with Black Center























CATHARANTHUS ROSEUS

VICTORY

Vinca Victory has an extremely vigorous root system, which promotes excellent disease resistance tolerance. This uniform series produces strong, upright and bushy plants with an abundance of large flowers early in the season. Available in a good range of popular colours.

- Vigorous, finely-branched roots support good disease resistance
- Low and early basal branching fills pots and packs fast





Lavender





Light Pink with Red Eye

























CATHARANTHUS

VIRTUOSA

Virtuosa is the newest F1 Vinca series from Sakata with a compact and uniform habit and good basal branching in pots. It performs well in the garden or in pots or mixed containers. Thrives under a wide range of conditions and is especially suitable for warm and humid areas.

- Large flowers with round flower shape and strong, overlapping petals
- Sturdy, upright plant habitGood basal branching, fills the pot well
- Recommended for pots (10.5-12cm), packs and mixed combinations
- Series now includes 12 colours and one mix













Rose































































Purple

DRAGON'S BREATH

Dragon's Breath puts the fire into Celosia! This unique plant stands out not only for its dramatic red foliage and plumes, but also for the many versatile ways it can be used. Due to its day-length responsiveness, Celosia Dragon's Breath is suitable as spring colour, hot summer item or autumn extender. Or how about indoors to warm up the winter or fire up the festive season!











Kimono is compact and colourful, recommended for multisowing to create colourful bowls and containers. Useful to extend mid-summer and early autumn sales.

CELOSIA ARGENTEA PLUMOSA NANA

- High density crop suitable for both pots and packs, no PGR required
- Ideal for spring to early autumn sales
- Excellent series uniformity
- Multi-seed sowing will give excellent performance and creates mini-forests of colour for containers and gift pots
- Versatile, for bedding, patio, window boxes or pot plant use
- Available in a wide range of attractive colours















































Salmon Pink















CELOSIA ARGENTEA PLUMOSA

CENTURY

Century Celosia is an extra early, heat tolerant variety with an abundance of showy flowers with large plumes on strong stems.

- Extra early and easy to grow
- Extremely heat tolerant for summer programmes
- Sturdy branching for flower beds and large containers
- Ideal for landscaping
- Also suitable as professional cut flower











CELOSIA ARGENTEA PLUMOSA NANA

YUKATA

Celosia Yukata is ideal for direct sowing for spring and summer sales. Looks great when multi-planted in containers and is extra-compact, fast and easy to produce.

- Fast crop time, grower friendly
- Late spring or summer production
- Direct sowing, also in containers, maximises plant growth and height and avoids damage to delicate roots
- Dense, attractive, non-fading plumes in bright colours



















































CLARKIA AMOENA NANA F1

SATIN

Satin is a very compact Godetia, ideal for patio and balcony pots, or as a bedding plant in cool, dry conditions.

- Uniform plant habit, early flowering
- Good basal branching
- Responds well to PGRs
- Outstanding performer for 12-15 cm pot production
 Produces a mass of large flowers in attractive pastel shades
- Sold as a mix

























DIANTHUS X HYBRIDA NANA F1

DIAMOND

Diamond offers excellent garden performance in spring and autumn and stays colourful through milder summers. Flowers on main and lateral stems for extra impact.

- Superb garden performance in spring and autumn, in pots and beds
- Early variety, free flowering over the whole plant
- Outstanding flower quality
- · Excellent uniformity in plant habit and tight flower window
- Naturally compact when grown under long-day conditions and requires little or no PGR
- Diamond Blush Pink has a unique YTT look, flowers open white, turn pink then mature to rose





Blush Pink



Carmine Rose











Purple







GOMPHRENA GLOBOSA

GNOME

Gnome is an ideal garden plant in areas that have hot, humid Summers. It is also well-suited to dry conditions. This extradwarf, compact plant is a nice component in mixed containers and is ideal for borders and edging.

- Very compact, suitable for packs and 9-10,5 cm pots
- Mounded plants are about 20 cm in height
- Germinates well at high temperatures
- Quick production time (4 to 6 weeks) and ease of finishing make this a good shoulder-season item
- Also available in mix































GYPSOPHILA MURALIS

GARDEN BRIDE

Garden Bride has single flowers and can be used as a bedding plant, in patio containers, window boxes or hanging baskets. It forms neat mounds in the garden but cascades gently, softening edges in containers and baskets.

- Single flowers on airy, rich-flowering plants with finely textured foliage
- Easy to grow, with a short crop time for improved profitability
- Stays in constant bloom for quick sale
- Excellent for hanging baskets and mixed patio containers



Pink































GYPSY

Gypsy has masses of finely textured flowers on airy, rich flowering plants. Gypsy Compact White is a real eye catcher, with wellmounded plants and fresh white blooms on dark green foliage. Attractive alone or in mixed combinations in containers or baskets.

- Easy to grow, short crop time for more profits
- Versatile production for packs, pots or hanging baskets
- Compact, neat mounded habit
- Stays in constant bloom eye-catching at retail
- Deep Rose and White match perfectly together











Deep Rose

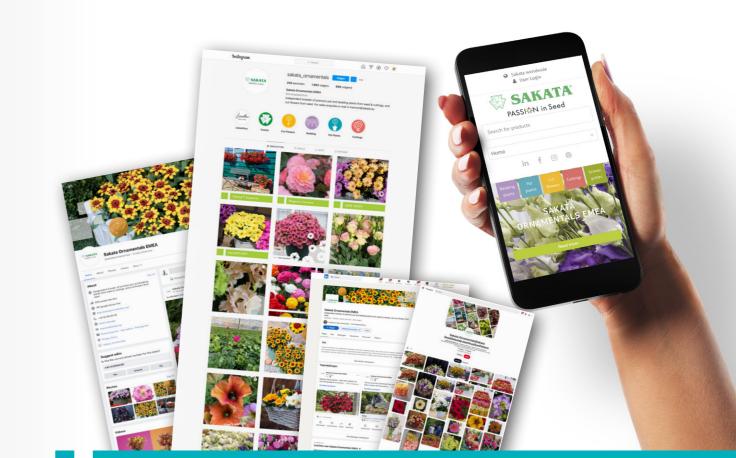






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SNOW LADY

Snow Lady is a fast-growing, first-year-flowering Shasta Daisy that fits nicely into bedding plant production and sales and offers excellent garden performance in a wide range of climates.

- Sow in autumn for early spring salesHardy plant, capable of withstanding low temperatures
- Masses of pure white flowers with fresh yellow centers
- Blooms upright on dwarf compact plants without the use of PGR
- · Highly disease and insect resistant





MIMULUS X HYBRIDA F1

MYSTIC

Mystic includes both spotted colours and bright, clear colours, which is unusual since mimulus is usually spotted. Mystic is extra-early, free flowering and compact, making it an ideal pack item. Mystic also makes great-looking hanging baskets for early season sales.

- High germination Very early, free-flowering variety Dwarf, with a highly uniform plant habit
- Responds well to plant growth regulators
- Cool crop requiring little or no heat
- Especially attractive in hanging baskets





















Sherry Trifle

NEMESIA STRUMOSA F1

NEBULA

We are pleased to offer this popular Nemesia series, with large flowers that display bright, intense colour. With its excellent basal branching, Nebula has strong plants giving superior garden performance. It is also the best variety for pots and bowls.

- Nebula is available in separate colours, while so far only mix was available in the market
- Larger flowers than other varieties
- Nebula has a better habit and better series uniformity compared to other varieties













Rosy Red













Yellow with Spots







































PETUNIA



Petunia is one of the 3 'P's - Petunia, Pansy, Primula - on which Sakata was founded as a flower breeding company. 'Victorious Mixed', the first-ever F1 all-double Petunia was a prize winner way back in 1934. In the following decades many more acclaimed varieties followed. Today's broad Petunia assortment reflects all the quality and beauty of Sakata's award winning experience.

PETUNIA GRANDIFLORA F1

EAGLE

Eagle is the Earliest! An extra-early flowering largeflowered Petunia with a uniform flowering window and a tidy, compact habit. Flowers 4 days earlier than Falcon.

- Compact plants with excellent branching habit
- Highly floriferous
- Maintains compact habit well at retail and in the garden
- Ideal for use in baskets, containers or for large scale bedding displays





























PETUNIA GRANDIFLORA F1

FALCON

Early flowering Falcon is an all-round growers favourite, easy to produce and early to ship with a tight 5-day flowering window across all colours in the series. Cost-effective and proven performers!

- Early flowering saves heating costs
- Superior branching
- Proven all-round performance as a pot and bedding plant
- Easy to grow under a wide range of conditions
- Ideal for pot production
- High quality compact plants



















Red & White















HULAHOOP

Hulahoop is an extra early flowering large-flowered series of picotee Petunia. All colours have excellent outdoor performance, are rich flowering and compact in habit. Hulahoop is a good addition to the assortment of purecoloured grandiflora Petunias.

- Early flowering picotee Petunia
- Richly flowering, compact plants
- Excellent garden performance
- Also available in mix























PETUNIA GRANDIFLORA PENDULA F1

EXPLORER

Explorer is bred for use as a groundcover in garden beds. Explorer is weather tolerant and performs well in a wide range of climates. Explorer is an F1 seed product that competes favourably with vegetative Petunias.

- Spreading and cascading Petunia type, particularly suitable as a ground cover for landscapers
- Short crop time: Early flowering even under low light conditions
- Early to flower in the spring and continues to flower under the short days of autumn
- Produces new flowers at axillary nodes, not just the terminal, so provides continuous flowering in the centre of the plant
- Cost-effective in production
- Tremendous flower power
- Recovers very quickly after a rain storm













Scarlet

PETUNIA MULTIFLORA F1

MERLIN

The all-rounder! Bred to perform in a variety of climates, Merlin has medium sized diameter flowers with good weather tolerance. Plants are free flowering and retain their compact habit during the entire flowering season. Merlin Choice colours and Choice Mix offer the go-to colours that growers need for perfect programming.

- · Multiflora with mid-sized flowers in a beautiful colour range
- Slow to stretch: allows for high density growing
- Easy, uniform and quick in production
- Plant habit remains dwarf and compact throughout the season
- Plants recover quickly after rain
- Wide range of colours including Morn and Picotee shades



MERLIN CHOICE COLOURS:



SAKATA BRINGS YOU CHOICE!

Choice is Sakata's selection of the best matching colours within a series, carefully selected for timing, habit and flowering - core colours and specialities that perform perfectly together. Choose any of the varieties individually, or go for the certainty of colour and performance with the Merlin Choice Mix.

MORE COLOURS:

Red























Red Picotee



Rose Morn



Rose Picotee

Morn Mix





Picotee Mix

PLECTRANTHUS SCUTTELARIOIDES

FAIRWAY

This dwarf Coleus grows just 25 cm tall and works well in mixed containers and baskets, or at the front of shaded or semi-shaded beds.

- Extra dwarf with excellent basal branching
- Very late flowering for improved shelf-life
- Option for year-round production













PORTULACA GRANDIFLORA F1

SUNSEEKER

The first compact portulaca from seed for early spring sales. Sunseeker has a controlled plant habit and flowers early, with large, fully-double blooms that stay open until late afternoon. Ideal for packs and 10 cm pots.

- Excellent pack and garden performance
- Blooms under short days
- Flowers stay open under low light conditions
- Continuous flowering in the centre of the plant
- · Excellent series uniformity
- * Available in single colour and multicolor mix







Yellow



Red Velvet







Rose







Ruby







Yellow





















PLECTRANTHUS SCUTTELARIOIDES

SUPERFINE RAINBOW

This semi-dwarf Coleus series grows 35 cm tall, has excellent branching and is happy in shade to part-shade.

- Recommended for pots and mixed combinations
- Excellent garden performance with large, vividly
- coloured leaves
- More vigorous and broader leaves than Fairway
- Combines well with other plants



Festive Dance





Masterblends Mix

RANUNCULUS ASIATICUS NANUS F1

BLOOMINGDALE II

The new generation of the popular Bloomingdale series. The grower's favourite is now even better! Available in 6 striking colours, all compact varieties with a uniform plant habit. The new Bloomingdale II series needs less PGR and has a uniform flowering time between the colours. Bloomingdale II can be grown in a range of pot sizes and because of its uniformity, it is the perfect choice for streamlined production.





Golden Yellow Shades Pink Shades



Orange Shades



White Shades





































Red Shades



Rose Shades

PROUD MARI

Proud Mari - a shiny performance in the garden! Proud Mari is early flowering, has strong stems and a uniform habit. This Tagetes is available in three shining colours: Golden, Orange and Yellow, all compact and early varieties. Sakata is proud to introduce the most uniform Tagetes series in the Market!

- Very uniform in earliness and habit
- Compact type for packs and pots
- Strong flower stems
- Outstanding garden performance









Yellow

























TORENIA FOURNIERI F1

LITTLE KISS

Little Kiss is a compact, uniform Torenia series with great performance in garden beds or large containers, excellent as a component plant in mixed combinations.

- Very easy to produce with a short cropping windowGood pack and pot performance
- Naturally compact so does not need PGR
- Good basal branching
- Continuously flowering in full sun or partial shade





Blue & White









































PANSY & VIOLA

Sakata was the breeder of the world's first ever F1 Pansy and is today still renowned for quality and performance in this essential crop.

PANSY & VIOLA



Huge flowers? Large flowers? Medium sized? Clear faced? Blotched? Picotee? Uniqueness? Special colour mixes? For landscaping? For patio? For hanging baskets? Heat tolerant for late summer plantings? For autumn plantings? For overwintering? For spring plantings?

Sakata, the worlds first breeder of F1 Pansy hybrid, offers all this and more in our complete assortment of Viola wittrockiana and cornuta series. Since the introduction of the first F1 Pansy way back in 1970, Sakata's commitment to the creation of innovative new Pansies has been unrelenting.

The assortment includes the Premier F1 series an 'all-round' large flowered pansy, suitable for autumn, winter and spring cultivation which can be cultivated in pack and pot. Premier is the all-round, all-season large flowered Pansy with an assortment to meet your needs! Premier's assortment is tailored to offer solutions - whatever the season, wherever your customers are. Our detailed attribute guide helps you find exactly the right Premier assortment for the locations and the season. This complete series replaces the Dynamite series and includes new and improved varieties to make Premier your go-to choice in the large flowered pansy segment.

VIOLA X WITTROCKIANA F1

POWER

Power, the extra large flowered, heat tolerant series to end the spring season or start the late summer season with! Retains compact plant habit and flower power throughout the autumn and Winter. Power Choice colours and Power Choice Mix offer the grower an outstanding selection of perfectly matched varieties in both core and speciality colours.

- For packs and pots
- Non-stretching beefy plants
- Good response to PGRs
- Earlier flowering than other XL-flowered series
- Giant flowers on short peduncles
- Good winter flowering ability
- · Wide range of colours



POWER CHOICE COLOURS:



Rose with Blotch





White with Blotch



Yellow with Blotch







Choice Mix

SAKATA BRINGS YOU CHOICE!

Choice is Sakata's selection of the best matching colours within a series, carefully selected for timing, habit and flowering - core colours and specialities that perform perfectly together. Choose any of the varieties individually, or go for the certainty of colour and performance with the Power Choice Mix.

MORE POWER COLOURS:





Patricia



Clear Yellow



Purple with Blotch



Deep Blue with Blotch



Red with Blotch





















PREMIER

Premier is the all-round, all-season large flowered Pansy with an assortment to meet your needs! Premier's assortment is tailored to offer solutions whatever the season, wherever your customers are. Our detailed attribute guide helps you find exactly the right Premier assortment for the locations and the season. This complete series replaces the Dynamite series and includes new and improved varieties to make Premier your go-to choice in the large flowered pansy segment.

- For packs and pots
- Non-stretching beefy plants
- Uniform between and within the colours
- Large upward facing flower
- Short peduncle
- Broad selection of colours for a complete all-season Pansy assortment





Clear Golden Imp.

Red with Blotch Imp.



Beacon Blue Imp.



Blueberry Thrill



Clear White



Deep Purple



Lavender Shades



White with Blotch Imp.



Beacon Rose



Carmin Rose with Blotch



Clear Yellow



Deep Rose



Primrose Shades



White with Rose Blotch



Blue & White Shades



Clear Purple



Dark Blue with Blotch



Gold with Blotch



Purple Rose & White



Yellow with Blotch





Clear Rose



Deep Blue with Blotch



Golden Yellow with Blotch





Spring Mix



Blue with Blotch Imp.



Clear Scarlet



Deep Orange



Ice-Cream with Blotch



True Blue Imp.



Autumn Mix



PREMIER SERIES

SEASONALITY GUIDE

Variety Name	Sales code	Remark		North + West Europe South + East Europe					
			autumn	winter	spring	autumn	winter	spring	
Beacon Blue Imp.	258512	2021 New introduction on 01-06-2021. Replacing Premierm Beacon Blue (258940)	~	~	~	~	~	~	
Premier Beacon Rose	258587	2020 New	~	V	~	~	~	V	
Premier Blue & White Shades	258927	Renaming of Dynamite Blue & White Shades				~	~		
Premier Blue Jeans	258345	Renaming of Dynamite Blue Jeans	~	V		~	~		
Premier Blue with Blotch Imp.	258217	2020 New	~	~	~	~	~	~	
Premier Blueberry Thrill	258874	Renaming of Dynamite Blueberry Thrill	V	V		~	V		
Premier Carmine Rose with Blotch	258097		~	V	~	~	V	~	
Premier Clear Golden Imp.	258510	2021 New introduction on 01-04-2021. Replacing Premierm Clear Golden (258146)	~	~	~	~	~	~	
Premier Clear Purple	258107			V	~		~	~	
Premier Clear Rose	258095		V	V	V	V	V	V	
Premier Clear Scarlet	258515	2020 New	~	V		~	~		
Premier Clear White	258096		V	V	V	V	~	V	
Premier Clear Yellow	258106	Renaming of Premier/Dynamite Clear Yellow		V	~		~	V	
Premier Dark Blue with Blotch	258877	Renaming of Dynamite Deep Blue with Blotch	~	V		~	~		
Premier Deep Blue with Blotch	258103			V	~		~	V	
Premier Deep Orange	258105	Renaming of Premier/Dynamite Deep Orange	V	V	V	V	V	V	
Premier Deep Purple	258596	Renaming of Dynamite Clear Purple	~	V		~	~		
Premier Deep Rose	258904	Renaming of Dynamite Rose	V	V		V	V		
Premier Gold with Blotch	258110		~	V	V	~	~	V	
Premier Golden Yellow with Blotch	258584	2020 New	V	V		V	V		
Premier Ice-cream with Blotch	258585	Renaming of Dynamite White with Blotch (SK4-114)	~	V		~	~		
Premier Lavender Shades	258145	Renaming of Dynamite Lavender Shades	V	V		V	~		
Premier Primrose Shades	258225	2020 New	~	V	~	~	~	~	
Premier Purple Rose & White	258923	Renaming of Dynamite Purple, Rose & White	V	V		V	V		
Premier Red & Yellow	258920	Renaming of Dynamite Red & Yellow	~			~			
Premier Red with Blotch Imp.	258347	2021 New introduction on 01-04-2021. Replacing Premier Red with Blotch (258108)	~	~	~	~	~	~	
Premier True Blue Imp.	258223	2020 New	~	V	~	~	~	~	
Premier White with Blotch Imp.	258218	2020 New	~	V	V		V	V	
Premier White with Rose Blotch	258878	Renaming of Dynamite White with Rose Blotch	~	~	V	V	V	V	
Premier Yellow with Blotch	258102	Renaming of Premier/Dynamite Yellow with Blotch			V			V	
Premier Autumn Mix	258834	2020 New	~			V	V		
Premier Spring Mix	258835	2020 New		V	V			V	









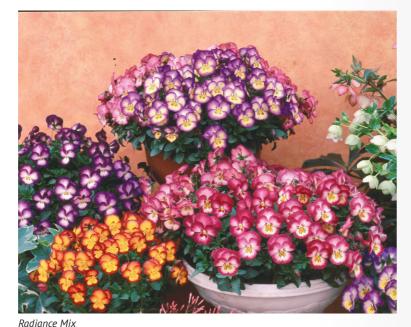


VIOLA X WITTROCKIANA F1

ULTIMA

Medium sized Pansies in innovative colours and unique patterns to highlight arrangements and make any assortment complete.

- For packs, pots, patio containers, baskets, etc.
- Non-stretching, well branching plants
- Good response to PGR
- Medium sized flowers
- Multi-flowering
- Tolerant to all weather conditions
- Great garden performance
- Excellent overwintering ability
- A 'must have' to make your assortment complete







Beacon Blue







Radiance Red

VIOLA CORNUTA F1

PERFETTO

Perfetto, a taste of things to come.

- All new genetics give a new dimension to Sakata's Viola cornuta assortment
- Perfetto Deep Orange offers top quality and performance in this sought-after colour

 • Suitable for autumn and spring flowering
- Free-flowering plants with excellent uniformity



Deep Orange







Purple Face























VIOLA CORNUTA PENDULA F1

REBELINA

Rebelina, spreading true Viola, suitable for spring and autumn sales. Smaller flower with a creeping, very floriferous habit.

- For pots, patio containers and baskets
- Good weather tolerance
- Proven garden performance
- Excellent overwintering ability







Red & Yellow















































GRANDISSIMO

The next big thing in Viola! Grandissimo is the perfect start to the viola season, even if the warmth of late summer is still in the air. Easy-to-grow, easy to sell and a great performer for the consumer, Grandissimo is a welcome addition to the late summer and early autumn market.

- Heat tolerant, giant flowered Viola
- Fills the pot easily, even under heat stress where standard varieties suffer
- Perfect to programme together with Power
- autumn performer great choice to start the season
- Larger flowers than standard Viola = lots more
- Ideal for landscape an explosion of colour and an economical alternative to trailing pansies
- Versatile perfect for packs, pots, baskets and mixed containers
- 9 bright colours





Berry Pie



Clear Purple



Purple Glow



Icy Blue



Rose with Blotch



Lemon Splash



Clear Yellow



Clear Orange



Yellow Jump Up























Zinnia Profusion is the 'breakthrough series' that keeps on breaking through! Year after year, growers rely on Profusion for uniform habit and flowering time, and know they can grow every colour of the singles and doubles exactly the same. Sakata's breeders continue to innovate within the series, keeping the genetics at the cutting edge of technology. This has earned Profusion multiple awards over the years, and the awards keep coming. Profusion 'Red Yellow Bicolour' is the proud winner of the 2022 Fleuroselect Gold Medal, awarded for true breeding breakthroughs, no less than the fifth Gold Medal win for Zinnia Profusion varieties.

PROFUSION

The undisputed series for disease resistance and uniformity, Profusion is an outstanding performer in the greenhouse, at retail, in containers and in the garden. Highly heat tolerant, an excellent landscape choice.

- Uniform series allows you to bench run all colours in the series including singles and doubles
- Disease resistant so it is easy to grow and longer flowering in the garden
- Extremely heat and drought resistant making it an excellent choice for the landscape
- Compact habit and flower quality combined with vigour and exceptional disease resistance
- Excellent uniformity highly suitable as pot, bedding and patio plant
- Continuous flowering all summer with a selfcleaning canopy of blooms
- Excellent performance and habit in all climates
- Zinnia Profusion Red: 2018 Fleuroselect Gold Medal Winner
- New Red Yellow Bicolour: Beautiful Red Yellow bicolour flowers develop to attractive shades of rosy red, dusky pink and apricot as blooms age. 2022 Fleuroselect Gold Medal Winner, prized by the judges for its spectacular performance.







ZINNIA X HYBRIDA

PROFUSION DOUBLE

Easy colour, all season long! Profusion Double Zinnia has the colours, the ease of growing and the performance to give sure-fire, long-lasting colour in garden beds and landscapes. This highly acclaimed series, recent winner of multiple Fleuroselect and AAS awards, is the original and best - and just keeps getting better! On-trend shades and vibrant colours with outstanding disease resistance and uniformity. Mix any of the colours in packs or pots for added interest.

- The new generation of Zinnia
- Profusion Double just keeps getting better!
- Uniform series allows you to programme all colours in the series including singles and doubles
- Now available in 7 vibrant colours
- Zinnia Profusion Double Hot Cherry 2014 Fleuroselect
- Gold Medal Winner
- New Double Red: True Red, fully double blooms are non-fading even in conditions of heat and full sun.















White



























Mix Imp.



POT PLANTS



As container gardening and outdoor decorating continue to grow, lines are blurring between what we traditionally think of as indoor pot crops and outdoor decorating. This transition is opening up exciting possibilities for pot crops in mixed containers and in the bedding segment. Majorette and Durora Gerberas are a prime example of this crossover. Our Confetti Hypoestes, Astra Platycodon, various primroses and Campanula Appeal are other good candidates for multiple uses. For traditional pot crop distribution, we offer tried-and-true crops as well, like Sinningia Avanti and Brocade, Calceolaria Dainty and Star Wars.

CALCEOLARIA X HYBRIDA F1

DAINTY

With its compact growth and good disease tolerance, Dainty is bred for high density pot crop production.

- Compact growth habit for high density production
- Easier to handle and ship with minimum damage
- Excellent series uniformity











Red & Yellow

















CAMPANULA MEDIUM NANUM ANNUUM F1

APPEAL

Appeal is a high value pot crop bursting with bell shaped flowers with a delicate appearance. Elegant plants have huge retail appeal. This crop is economical to produce and stands out in spring and summer assortments.

- Excellent retail appeal, ideal gift plant item
- Christmas tree shaped plants with unique flower form
- Good addition to spring and summer assortment
 Can be sold for indoor colour or for patio table top
- Deep Blue is a traditional favourite, delicate Pink offers even more wow at retail
- Sow August to February for flowering January to June
- Long day response so Appeal can be programmed to choice















DIANTHUS CARYOPHYLLUS F1

CAN CAN

With a delightful spicy fragrance and an abundance of flowers, Can Can Dianthus is an excellent item for landscaping and the premium pot plant market.

- High quality carnation for pot production or landscaping
- Flowers from mid-spring through Summer
- Large, fragrant bloomsExcellent basal branching and strong stems
- Cool crop requiring little or no heat







Cocktail Party

Scarlet





















DIANTHUS CARYOPHYLLUS NANUS F1

LILLIPOT

Lillipot is a versatile product that is ideal for pot sales and for patio containers. This annual carnation is genetically dwarf, staying compact without pinching or plant growth regulators.

- Cool crop requiring little or no heatNaturally dwarf and compact, PGRs and pinching unnecessary
 • Fully double, true carnation flowers
- Very uniform
- Versatile product for pot sales or containers
- Continuous flowering throughout the Summer













































GERBERA





Sakata has a long and respected history as a breeder of Gerbera. Not only the classical pot types, but also the cheerful outdoor Gerbera 'Durora' complete the broad assortment. 'Leader of the Pack' in our assortment is the amazingly uniform Majorette series, bred to please the grower, the retailer and the consumer, with striking colours, great shelf life and outstanding cultivation benefits.

GERBERA JAMESONII

DURORA

Durora is an early, compact and easy to grow Gerbera, ideal for outdoor patio, balcony or bedding use, with large double flowers on compact plants. Durora's attractive double flowers age slower than other varieties so they have long-lasting shelf appeal at retail and excellent performance in containers or in the garden.

- Large flower more than 95% double, on strong stems
- Slow-to-age flowers increase shelf life
- Uniform and attractively tone mix
- Short production time, ready-to-market 8-10 weeks after potting



M



WWW.DURORAOUTDOOR.EU

DURORA IN- & OUTDOOR

























GERBERA MAJORETTE











GERBERA JAMESONII F1

MAJORETTE

Majorette series is bred for uniformity in earliness and plant habit. Due to this uniformity, Majorette is easy to cultivate and the bench run is faster than any other series. Large flowers with striking colours make Majorette look perfect at retail. The full bodied plants with a high number of stems and very good flower follow up ensure long lasting pleasure for the consumer. Majorette, more than a revolution in the Gerbera market!

Highly versatile series, easily programmable:

- Enough vigour to make steering by PGR application possible
- Good plant habit, makes body even under poor conditions
- Better uniformity compared to any other series in the market
- Healthy, small dark green leaves
- Strong, non-stretching flower stem
- Large flowers & very good flower follow up
- Centre flowering habit
- Shorter harvest period due to uniform flowering timing









Sunset Orange



Bright White Dark Eye



Red Bicolour Dark Eye



Yellow Dark Eye Imp.



Orange Dark Eye



Red Dark Eye





















GERBERA JAMESONII F1

FESTIVAL

Festival produces many large, spectacular flowers on every plant. Plants are uniform with a tight flowering window and can be produced in 8-12 weeks from potting to sales, depending on the time of year. A top performer for the grower, retailer and consumer and therefore a well-known and highly popular series.

- Highest percentage of prime quality, marketable plants
- Multiple flowers and high bud count at time of sale increases retail appeal
- Complete colour range
- Highly cost-effective series
- Colourful and very decorative pot plant for a range of uses





Lemon Yellow

Salmon



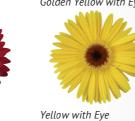






Cherry with Eye

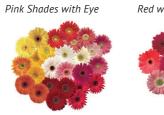




Neon Rose with Eye

Dark Eyed Mix







FESTIVAL SEMI-DOUBLE



Rose Shades



HYPOESTES PHYLLOSTACHYA

CONFETTI COMPACT

With a compact habit and decorative foliage, Confetti Compact is well-suited as an indoor pot plant and can be used as a component item in mixed containers with other indoor foliage plants. It works equally well in outdoor mixed containers and baskets.

- Decorative foliage and compact habit work well indoors and outdoors
- Short production time Ideal for year-round production
- Excellent shipping tolerance and shelf life























































STAR WARS

Star Wars is a uniform multiflora type producing masses of medium sized flowers. Slightly smaller flower size and bicolour blooms make an attractive complement to Satellite.

- Compact foliage for high density croppingCrop time approximately 6-7 months when grown for production in 10,5-13 cm pots

 • Attractive range of bicoloured and pure
- coloured blooms
- Low heat requirement, economical for growers
- Good germination and seedling vigour
- High percentage of marketable plants





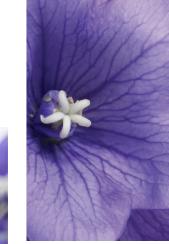








Pink Shades









ASTRA

The Retail SuperStar! Platycodon Astra is one of the SuperStars of Sakata's pot plant assortment. Unique, eye-catching and reliable for top-quality performance, Astra has become a firm favourite with growers, retailers and consumers.













PLATYCODON GRANDIFLORUS F1

ASTRA

Retail Super Star! Excellent impulse item for gifts or just takehome. Ideally suited for modern mixed combinations and highlight patio containers.

- Excellent impulse item for spring and summer programmes
- Mutiple seedlings produce stunning 12 cm pots
- Large, eye catching star shaped flowersA firm consumer favourite
- Versatile-suitable for (indoor) pot and patio





































PRIMULA







With breeding programs in Denmark and Japan, Sakata has more than 50 years of experience in Primula and is a true specialist. We are able to offer a wide selection of Primula acaulis and polyanthus series that work in varying climates and for different seasons. Extensive research and trialling has produced a wealth of data on the performance of our varieties, which we translate into clear messages and sound cultural advice. Our sales force and product management is always on stand-by with the answers to your questions! You can relax in the confidence that Sakata has your Primula needs covered.

DANESSA

Danessa is unique! A heat tolerant Primrose that is extra-early flowering and suitable for early autumn flowering. Excellent plant habit and a good range of bright core colours, ideal for after-summer colour in the gardens and ideal for programming with autumn Pansies.

- Unique! Heat tolerant Primula
- Unique! The earliest flowering series ever
- Unique! Requires no cold for flower induction
- For early autumn flowering
- Great for landscaping
- Matches well with autumn pansies
- For packs, pots and mixed combos





PRIMULA ACAULIS PRODUCTION SCHEDULING IN EUROPE

Series	Area	М	onth																						
		4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	1	1	2	2	3	3
Danessa	North West Europe																								
Danessa	South Europe																								
Dania	North West Europe																								
Dania	South Europe																								
Danova	North West Europe																								
Danova	South Europe																								
Daniella	North West Europe																								
Daniella	South Europe																								

In general cool nights improve uniformity in earliness, this is especially applicable for early varieties.

This guide is intended as an indication only.

Please contact your Sakata product specialist for specific advice for your local conditions.

PRIMULA ACAULIS F1

DANIA

NEW SERIES!

Dania is an attractive, uniform Primula series for the early market. It has less cold requirement than Danova varieties, making the series highly suitable for early sowing and flowering. The Dania series has more natural compactness and therefore requires less PGR's. The brightly coloured flowers are nicely shaped, on a compact but strong plant.

- Superior seed quality with excellent seedling
- A quality series for early season sales
- Well suited for mixed containers and pot plant use
- Bright, showy flowers are eye catchers at retail







































PRIMULA ACAULIS F1

DANOVA

Danova is the market leader for mid-early sales and the benchmark series for 'Danovation'. This series sets the standard for uniform plant habit, flower size and quality. Danova provides a rich assortment of strong colours to choose from.

- Superior seed quality with excellent seedling vigour
- Large, showy flowers are eye-catchers at retail
- Well suited for bedding, mixed containers and pot plant use
- Outstanding garden or pot performance



DANOVA CHOICE COLOURS:







Pink





Red



White





Yellow with Eye

SAKATA BRINGS YOU CHOICE!

Choice is Sakata's selection of the best matching colours within a series, carefully selected for timing, habit and flowering - core colours and specialities that perform perfectly together. Choose any of the varieties individually, or go for the certainty of colour and performance with the Danova Choice Mix.

PRIMULA ACAULIS F1

DANOVA

Series	Color		Earliness	Habit	Flower size
Danova	Bicolour Purple	Choice	=	-	=
Danova	Bicolour Rose & White	Choice	+	=	=
Danova	Blue	Choice	+	=	=
Danova	Lemon Yellow	Choice	+	=	=
Danova	Orange Yellow	Choice	=	=	=
Danova	Pink	Choice	+	=	=
Danova	Red	Choice	=	=	=
Danova	White	Choice	=	=	=
Danova	Yellow with Eye	Choice	=	=	=
Danova	Bicolour Apple Blossom		+	=	+
Danova	Bicolour Burgundy		=	+	+
Danova	Bicolour Pink		-	=	=
Danova	Bicolour Red & Yellow		-	+	=
Danova	Cherry with Edge		+	-	=
Danova	Copper		=	+	=
Danova	Cream Yellow		+	=	+
Danova	Light Violet		=	-	=
Danova	Red & Rose Shades		-	=	=
Danova	Rose		=	-	=
Danova	Velvet Red		=	=	=

^{*} Contact your Sakata product specialist for more details

Earliness	= Average flowering	+ Slightly earlier flowering	- Slightly later flowering
Plant Habit	= Average plant habit	+ Larger plant habit	- More compact plant habit
Flower size	= Average flower size	+ Slightly larger flower size	- Slightly smaller flower size

DANOVA MORE COLOURS:



Bicolour Appleblossom



Copper





Bicolour Burgundy



Cream Yellow



Bicolour Pink



Light Violet







Bicolour Red & Yellow







Orange Yellow

Rose









Meteor Mix



















DANIELLA

Daniella has the same quality standards as Danova but with later flowering. Daniella is recommended for growers selling into February and is the best mid-season series on the market.

- A quality series for mid-to-late season sales
- Consistent large flowers in bright colours
- Same seed quality, plant habit and uniformity as Danova but flowering can be planned 2-4 weeks later
- Also available as mix

























PRIMULA ACAULIS F1

ROSANNA

Rosanna has rosebud-shaped flowers for lots of consumer appeal. A very attractive product at retail and ideal for the gift and pot plant market.

- Rose-bud flowered series with the highest number of marketable plants
- Beautiful, large flowers in bright colours sure to create impulse sales













Scarlet









PRIMULA MALACOIDES F1

PRIMA

Prima series has large, dense and beautifully fragrant flower heads covered with clusters of fine flowers and held well above the foliage.

- Highest percentage of marketable plants per m² bench space
- Compact, uniform plants
- · Tight flowering window across all colours for easier and more cost-effective shipping
- Quality combination of high uniformity and good blooming power











Lilac





PRIMULA POLYANTHA F1

SUPERNOVA

Great for sales as a patio container or bedding plant, SuperNova provides uniform results and an excellent show of colour. F1 hybrid quality at its best results in vigorous plants with consistent uniformity in the greenhouse, at retail and in the garden or landscape.

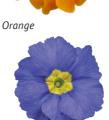
- Autumn flowering for after-summer sales when potted early; spring flowering when potted late and grown cold
- Large showy umbels on sturdy multiple stems
- Uniform across colours in habit and flowering time
- The tightest flowering window and the bestselling colours are selected in the SuperNova Mix











































Rose Bicolour





White

Yellow

PRIMULA POLYANTHA F1

FIRE

Fire is uniquely striking and a great favourite with consumers.

 Matches perfectly with SuperNova but is more compact



























SINNINGIA SPECIOSA F1

AVANTI

Gloxinia is right back on trend! Luxurious blooms in vibrant colours and continuous flowering make this a popular indoor pot plant and an attractive gift. Avanti F1 hybrid is the earliest single-flowered series on the market. Bred for high-density production and successful shipping.

- An early, single flowered series
- Flowers are held just above the foliage on short, strong stems
- Small, supple leaves enable high density production and make sleeving and shipping easier







Red with White Edge



Blue with White Edge











SINNINGIA SPECIOSA F1

BROCADE

Showy, double-flowered series with rich blooms is ideal for indoor floral sales and as a gift item. Fashionable and ontrend in today's interiors

- 100% double flowering series
- Dwarf, compact plants with small foliage
- Impressive, rich blooms in attractive colour range
- Small, flexible leaves for high density production, easy sleeving and shipping





Blue and White



























SINNINGIA SPECIOSA F1

MULTIBELLS

Exceptional crop uniformity with generous flower count and 10-14 days earlier flowering than any other Gloxinia. Can be produced at higher density for increased profitability.

- Centre flowering with upward-facing flowers
- Short stems and small foliage, good transportability
- Can produce more plants per square metre than other Sinningia
- · Excellent crop uniformity







White













Scarlet































RED ROBIN

Red Robin is a perfect choice for patio containers and hanging baskets. Plants are loaded with small, tasty tomatoes for weeks and have immediate retail appeal. In line with our goal to always provide you with the best possible quality and service, we are to offer Tomato 'Red Robin GSPP'-a product form with the accreditation of 'Good Seed and Plant Practices'. For more information: www.gspp.eu.

- Ornamental dwarf tomato bearing small fruit with excellent flavour
- Compact growth with good branching habit
- Suitable for 11-15 cm pots, hanging baskets and patio containers
- Fruits turn bright red approximately 100 days after sowing
- Colourful and very decorative pot plant for a range of uses



























PASSION IN

An attractive eye-catcher for late spring and early autumn sales, a great centre-piece for large mixed containers or can be grown in the garden for use as a home-garden cut flower.

- Compact plant with outstanding branching
- Heat tolerant
- Large, very decorative umbels
- Attractive product in pack or large container
- Not for professional cut flower use













Lilac









CUT FLOWERS

With an international reputation for bringing major breakthroughs to the cut flower market place, Sakata's cut flower assortment provides not only superior beauty and quality but also real economic advantages in breeding and distribution. Our market leading Lisianthus is a good example of precision breeding that delivers multiple series for segmented needs in varied geographical areas and climate conditions. Sunflower Vincent®s is another example of a product that is tightly programmed for efficient, profitable production and great end-user satisfaction. Sakata's dedication to this category is infinite and we look forward to bringing more innovations to cut flower growers worldwide.























AGERATUM HOUSTONIANUM F1

HORIZON

The first F1 triploid Ageratum strain for cut flower cultivation. Due to the triploid breeding, Blue Horizon has larger blooms than traditional ageratum, is very vigorous and is easy to produce.

- Tall growing, with strong, sturdy stems and numerous branches
- Very high flower productivity



Blue

ANTIRRHINUM MAJUS F1

ADMIRAL

Early flowering F1 hybrid Antirrhinum suitable for winter production due to very uniform growth and flowering under short days.

- Early-flowering variety/Group I Very uniform growth and flowering under short day conditions in Winter
- Bright, clear flower colours
- Tightly-spaced florets on long flower spikes





ANTIRRHINUM MAJUS F1

SNAPSTAR

NEW SERIES!

Sakata's experience and expertise in first class cut flower breeding is reflected in this innovative Snapdragon series. Snapstar produces strong, top quality stems with uniquely shaped double flowers. A breakthrough in this popular cut flower! Growers will appreciate the ease with which Snapstar reaches a good stem length, and florists will love this luxurious addition to the assortment, for mono or mixed bouquets in the popular Pink and White colours that consumers want.

- Early flowering, group 1-2
- Easy to get stem length
- Good stem quality
- Unique flower shape
- Full double flowers
- Popular colours
- Good vase life
- Perfect addition to trendy field bouquet or luxury flower arrangements







BRASSICA OLERACEA F1

CONDOR

Condor is an excellent Brassica with a long-lasting colour at room temperature. Strong, upright stems give an optimum height/quality ratio.

- Easy to get plant heightHighly uniform production
- Long lasting colour
- Early colouring, less cold is needed
- Good and uniform size of the flower head







CALLISTEPHUS CHINENSIS

BONITA

Bonita has beautiful, fully-double pompon flowers that colour completely. The flowers are held at a perfect angle for maximum impact and have flower size that is similar to Matsumoto. Bonita crop time is one week longer than Matsumoto.

- Flower centres colour completely
- Round flowers remain attractive when aging
- Fits easily in a production program with Matsumoto
- High tolerance to Fusarium which is similar to Matsumoto





CALLISTEPHUS CHINENSIS

MATSUMOTO

Matsumoto is a Fusarium-tolerant Aster. This series is easy to program and stem height can be manipulated with various growing techniques.

- Strong, long stems with an upright flowering habit
- Highly tolerant to Fusarium
- Flowers have distinct yellow centres
- Production cycle will be approximately 14 weeks from sowing in spring or when produced with day length manipulation techniques



* Also available in mix











CALLISTEPHUS CHINENSIS

SERENADE

Serenade is a highly fusarium-tolerant Aster. It produces masses of small rounded flowers with yellow centres.

- Spray habit with an abundance of semi-double flowers on a single stem
- Serenade has high Fusarium tolerance like our Matsumoto series





CHAMPION

Excellent, Trendy, Popular! Champion is a well-known and popular cut flower series, with an excellent

- Annual blooming habit; only requires day length manipulation and moderate growing temperatures (13°C)
- Champion can be cropped 8 to 12 months of the year, depending on geographical area
- Excellent vase life















CAMPANULA MEDIUM ANNUUM F1

CHAMPION II

Ask for Campanula, ask for the Champion! Sakata's Champion series is synonymous for quality cut flower Campanula. Champion II takes this florist's favourite to the next level. For the grower, improved uniformity means faster harvest and more profit. Florists and consumers will appreciate upward-facing flowers in beautiful colours and a truly excellent vase life. With Champion II, the dream of year-round Campanula supply comes in sight. Do we hear Christmas bells?

- Annual blooming habit; only requires day length manipulation and moderate growing temperatures (13°C)
- Champion II can be cropped 8 to 12 months of the year, depending on geographical area

 • High UPC and better uniformity
- Excellent vase life of at least 2 weeks















CELOSIA ARGENTEA CRISTATA

CHIEF

Chief is very well suited to production in areas with high temperatures, and is versatile, suitable for plug cultivation or direct sowing. Large, round flower heads in striking colours give a strong impression.

- Produces large, uniform, globe-shaped flower heads
- Very uniform growth pattern
- Highly suitable for cut flowers during periods of high temperature
- Dense plantings produce strong stems and high quality cut flowers







Persimmon





CELOSIA ARGENTEA PLUMOSA

CENTURY

Century celosia is an extra early, heat tolerant variety with an abundance of showy flowers with large plumes on strong stems.

- Early and easy to grow
- Flowers approx. 80 days after sowing
- Extremely heat tolerant for summer programmes









CLARKIA AMOENA F1

GRACE

Grace is an F1 hybrid Godetia with excellent uniformity and broad range of colours.

- Strong branching and flower formation, suitable for high density packing and shipping over long distances
- This variety, depending on climate, can be grown yearround with the use of day length manipulation
- Ideal for dry climates with cool temperatures
- Lateral branching produces up to 15 stems each plant, carrying 5 to 6 solid clusters of blooms









DELPHINIUM ELATUM F1

CANDLE

Today's standard Delphinium varieties are long day varieties, but Candle is ideally suited for winter production and will flower with a minimum daylength of 10 hours.

- Extremely stable and especially bred for short-day production schedules
- Very early and uniform blooming
- Suitable for tunnel, greenhouse and open field production
- F1 hybrid vigour guarantees good results from subsequent flushes following first harvest







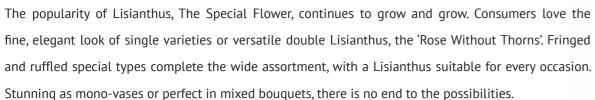


White Shades Imp.



LISIANTHUS (EUSTOMA)







New Lisianthus introductions are exclusively available from Van Egmond Lisianthus for a maximum of two years. For more information contact your Sakata representative.

Group 0, 1, 2, 3, 4 Group 0 Extra-Early Flowering Type Group 2 Middle Flowering Type Group 3 Late Flowering Type

Group 4 Very Late Flowering Type

ROSE SHAPED DOUBLE LISIANTHUS





'THE ROSE WITHOUT THORNS'!



EUSTOMA GRANDIFLORUM F1

ROSITA®

Rosita® is the market standard in double-flowered Lisianthus. With thick petals and strong stems, it Lisianthus. With thick petals and strong stems, it is easy to grow and easy to transport the flowers without Botrytis problems. Rosita, 'The rose without thorns' is the trusted leading brand for buyers, floral designers and retailers. Good flowering and long lasting colour in the vase pleases consumers. Rosita® is available in groups 1, 2, 3 and 4 for maximum flexibility of programming.

- Group 1, 2, 3, 4Rose Shaped Double, medium flowered
- True rose shaped flowers
- High percentage of flowering buds in the vase

ROSITA 1









Pure White

White







ROSITA 2



Pure White

















Sapphire





Pink Flash



Champagne

Yellow









Yellow Imp.



Purple Rose















White



Yellow





EUSTOMA GRANDIFLORUM F1

DOUBLINI

'Doublini' is the mini-rose without thorns! Fully double, petite rose-shaped flowers in the top of the stems for an attractive and long-lasting effect in the vase.

- Group 1
 Rose Shaped Double, small flowered
 Masses of strong, small, truly double flowers with the hardness of Rosita.
 Good transportability











FRINGED DOUBLE LISIANTHUS





The popularity of Lisianthus, The Special Flower, continues to grow and grow. Consumers love the fine, elegant look of single varieties or versatile double Lisianthus, the 'Rose Without Thorns'. Special fringed types complete the wide assortment, with a Lisianthus suitable for every occasion. Stunning as mono-vases or perfect in mixed bouquets, there is no end to the possibilities.

EUSTOMA GRANDIFLORUM F1

ALISSA®

An eye-catcher! The beautiful Lisianthus series Alissa® has large, double flowers abundantly filled with fringed petals and decorative, special shaped buds. Delicate colours and sturdy stems form an irresistible combination of strength and beauty. An increasingly popular brand with buyers, florists and floral designers, Alissa is available in a range of attractive colours and is hugely popular for decorating any kind of event. The series is constantly expanding, making Alissa suitable for a wide range of geographical areas and climates.

- Group 1, 2, 3
- Fringed double, large floweredWell filled flowers, large fringed buds, perfect transportability



ALISSA 1

ALISSA 2



























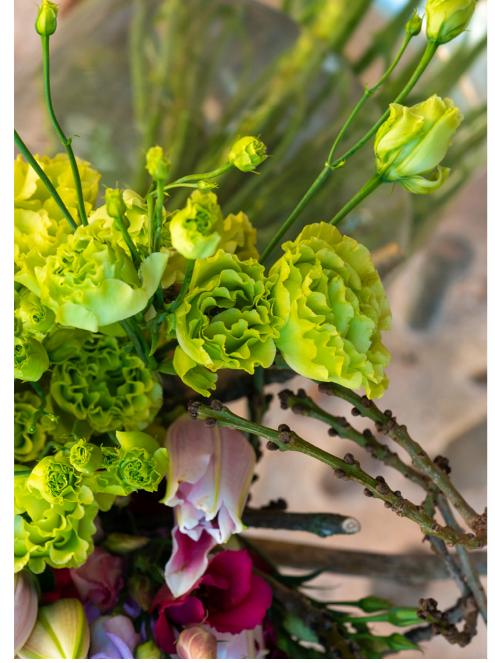


ALISSA 3

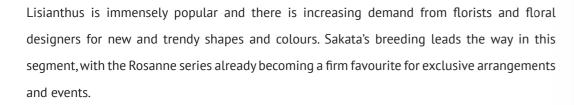


Pink Flash

SPECIALTIES DOUBLE LISIANTHUS







EUSTOMA GRANDIFLORUM F1

ROSANNE

The Rosanne series is characterised by unique, special colours. The full, double flowers with hard petals on strong stems ensure good transportability without damage. Vase life is excellent and the trendy colours are well loved by floral designers - making attractive mono vases and combining well with just about everything in mixed bouquets.

- Group 1, 2, 3
- Speciality Double, medium-flowered
- Unique flower shape with special, trendy colours
- Hard flower petals, less risk of damage in transport



ROSANNE 1



Black Pear

ROSANNE 2



Green



Bright Gree

ROSANNE 3



Brown



STANDARD DOUBLE LISIANTHUS





Sakata has a long and illustrious history in breeding Lisianthus and was a leader in the creation of the first double flowered varieties in the 1980s. Since that time, Sakata has developed a wide range of double Lisianthus series, now offering an assortment with an ideal selection for any season and a broad range of climates. Please see the assortment guide to help select the right series for your needs.

EUSTOMA GRANDIFLORUM F1

AUBE

'Aube' means dawn in French, and is a symbol of starting new life. Aube's large flowers with masses of petals are strong and hard for good transportation, and fill bouquets beautifully.

- Group 3, 4
- Double, large flowered
- Well filled flowers, large round flower buds
 Hard flower petals, less risk of damage in transport
- Easy to achieve good stem height



AUBE 3









Rose Pink





*Aube 3 Blue Flash (sold at Dutch auction as Lisanne)

AUBE 4





EUSTOMA GRANDIFLORUM F1

BOREALIS

Borealis easily reaches a good height and the strong stems produce an abundance of double flowers in bright colours.

- Group 0
- Double, large flowered









Yellow

EUSTOMA GRANDIFLORUM F1

ECHO

The original! Echo was the world's first all-double Lisianthus for cut flower production. Echo has large flowers on strong stems.

- Group 1
- Double, large flowered
- Strong flower stems, easily support the large flowers

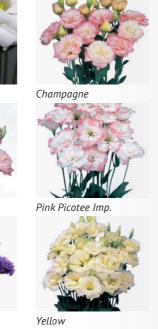












EUSTOMA GRANDIFLORUM F1

MARIACHI®

Mariachi® puts on a real show! This series features extra-double, large flowers that resemble camellias. This high quality quadruple flower has a perfect form for mixed or mono bouquets.

- Group 2 Double, large flowered
- Excellent rose-shaped flower heads
 Long-stemmed variety achieves up to 100 cm in height

 • Thick petals for long-lasting shelf life and
- easy transportation























REINA CHAMPAGNE

Reina means 'Queen' in Spanish, and this beautiful large flowered Lisianthus with semi-fringed petals certainly has a regal appearance. Strong stems hold up the well-filled flowers during transportation and in the vase.

- Group 2
- Double, medium-large floweredSpecial colour, popular for modern trends
- Strong stems for good sleeving and transportability



EUSTOMA GRANDIFLORUM F1

ROBELLA

Robella is suitable for winter to early spring production, particularly in areas where temperatures are higher than standard for Lisianthus. The strong stems carry medium sized double flowers in attractive colours.

- Group 2, 3
- Double, medium-large flowered
- Excellent flower shape
- Achieves good height



ROBELLA 2





ROBELLA 3



Clear Pink

EUSTOMA GRANDIFLORUM F1

EXCALIBUR®

Excalibur® was bred for ease of production and is suitable for growing in areas where temperatures are a bit higher than standard for Lisianthus. Less sensitivity to rosetting. Works well in forcing as a Group 2. Medium-large, fully double flowers and strong foliage. High percentage of flowering buds in the vase.

- Group 2,3
- Double, medium floweredQuick and uniform plug performance
- Strong stem and top flowering
- Easy-to-grow; achieves good height



EXCALIBUR 2

EXCALIBUR 3









Pure White Imp.















SINGLE FLOWERED LISIANTHUS





Single flowered Lisianthus is the closest 'living relative' to the botanical ancestor of Lisianthus, the Prairie Gentian. With its fine single flowers it offers an elegant, chic alternative for classic bouquets, arrangements or the popular field bouquets. Sakata's single Lisianthus varieties have strong stems, hard petals and good disease tolerance, meaning that the only fragile part of these beautiful flowers is the look!

EUSTOMA GRANDIFLORUM F1

PICCOLO®

Piccolo® is the market standard for single-flowered Lisianthus. The delicate flowers and wide colour range make it the best known and most trusted brand for buyers and florists. Transports well with less risk of damage or disease. Piccolo is ideal for the summer season or for year-round production with artificial light.

- Group 2, 3
- Single, medium-flowered
- Strong flowers with a delicate appearance
- Wide colour range
- · Best botrytis resistance for good sleeving and transportation

PICCOLO 2

PICCOLO 3















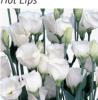
Deep Blue



















SOLO

Solo® is the first pollen-free series in the world, and the next generation in single-flowered Lisianthus. Solo's flowers produce no pollen, which means no mess, no stains and an even better vase life. All other characteristics match 1 on 1 with Piccolo, the market standard for single-flowered Lisianthus. The delicate but strong flowers transport well with less risk of damage or disease. The first colour we introduce is Solo 2 Pure White which will replace the current Piccolo 2 Pure White.

- Group 2
- Single, medium-flowered
- Flowers are pollen-free, no mess, no fuss
- Next generation of single-flowered LisianthusGood transportability
- Hard flower petals, less risk of damage
- Versatile attractive for mono vases, combines well with just about everything in mixed bouquets



Solo 2 Pure White





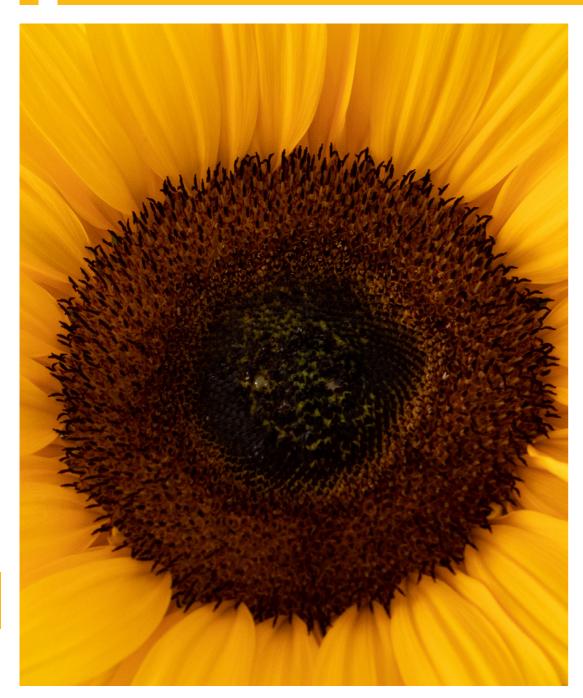
ASSORTMENT GUIDE SAKATA LISIANTHUS

CHARACTERISTICS AND SEASONALITY

Characteristics per series		Seasonality per series												
	The Netherlands			Sou	thern Eu	rope	Eastern Europe			Israel				
				Seasonal Summer				Spring						
Rosita 1	Medium													
Rosita 2	Medium													
Rosita 3	Medium													
Rosita 4	Medium													
Doublini 1	Small													
Fringed Double flowered		Year- Round	Seasonal Spring	Seasonal Summer	Spring	Summer	Autumn	Spring	Summer	Autumn	Spring	Summer	Autumn	Winte
Alissa 1	Large													
Alissa 2	Large													
Alissa 3	Large													
Specialties Double flowered		Year- Round	Seasonal Spring	Seasonal Summer	Spring	Summer	Autumn	Spring	Summer	Autumn	Spring	Summer	Autumn	Winte
Rosanne 1	Large													
Rosanne 2	Large													
Rosanne 3	Large													
Standard Double flowered		Year- Round	Seasonal Spring	Seasonal Summer	Spring	Summer	Autumn	Spring	Summer	Autumn	Spring	Summer	Autumn	Winte
Aube 3	Large													
Aube 4	Large													
Borealis 0	Large													
Echo 1	Large													
Excalibur 2	Medium													
Excalibur 3	Medium													
Mariachi 2	Large													
Reina 2	Medium-Large													
Robella 2	Medium-Large													
Robella 3	Medium-Large													
Single flowered		Year- Round	Seasonal Spring	Seasonal Summer	Spring	Summer	Autumn	Spring	Summer	Autumn	Spring	Summer	Autumn	Winter
Piccolo 2	Medium													
Piccolo 3	Medium													
Solo 2	Medium													
Specialties		Year- Round	Seasonal Spring	Seasonal Summer	Spring	Summer	Autumn	Spring	Summer	Autumn	Spring	Summer	Autumn	Winte
Rosanne 1	Medium													
Rosanne 2	Medium													
Rosanne 3	Medium													

⁼ selected colours suitable, ask your Sakata specialist or Van Egmond Lisianthus

HELIANTHUS SUNFLOWER





Since Sakata first brought F1 hybrid sunflowers to the market in 1987, we've focused our breeding efforts on pollenless, uniflora varieties that perform under short day conditions and lower temperatures. With the introduction of Vincent®s we have taken a major step forward in sunflower breeding. Vincent was bred to be more day length neutral for greater flexibility in programming, allowing growers to produce high quality crops early, mid and late season.

HELIANTHUS ANNUUS F1

VINCENT®S

Flexibility in programming:

- Less sensitive to day length than other Sunflowers for greater flexibility in programming
- Better height under short days, not too tall under long days
- Allows growers to produce high quality crops early, mid and late season
- An extra ring of rounded, overlapping petals for better filled, more attractive flower heads
- Flowers face upwards on strong stems and necks
- Shorter crop cycle and concentrated harvest means increased margins
- Strong seeding and plant vigour, equals higher harvest percentage than other varieties on the





Vincent®s Choice

- Orange petals
- Dark heart



Vincent®s Fresh

- Green heart
- Orange petals



Vincent®s Choice Deep Orange

 Downy Mildew Resistant



• Downy Mildew Resistant



Vincent®s Choice Tangy

Orange petals



Vincent®s Fresh



Vincent®s Pomelo

- Clear yellow
- Dark heart



WWW.HELIANTHUSVINCENTS.EU

DME

VINCENT®S CHOICE DEEP ORANGE

VINCENT®S FRESH

THE NATURAL ANSWER TO DOWNY MILDEW INFECTION IN SUNFLOWERS



- Downy Mildew has created an increasing problem in Sunflower crops for the last 10 years
- It can be categorised as a fungal infection that is transmitted primarily through ground (systemic) infection and secondarilythrough air-born infection
- Up until now, the only methods used to fight the disease were use of chemicals and crop rotation
- Chemical pesticides are environmentally unfriendly, prone to development of resistance and often subject to legislation
- Crop rotation is impractical, costly and ineffective
- The ideal solution is a variety that is naturally resistant to the fungus. In vegetables, mildew-resistant varieties have been bred and implemented on a wider scale
- Following the proven performance of Vincent's Choice Deep Orange DMR under European conditions, Sakata now introduces Vincent's Fresh DMR with the same confident claim to be Downy Mildew Resistant*
- In tests and trials, Vincent®s Choice Deep Orange and Vincent's Fresh DMR proved resistant to general spores of Downy Mildew infectioncurrently recognised in Europe
- ISF Definition of Resistance:

Resistance is the ability of a plant variety to restrict the growth and development of a specified pest and /or the damage they cause when compared to susceptible plants varieties under similar environmental conditions and pest pressure. Resistant varieties may exhibit some disease symptoms or damage under heavy pest pressure. HELIANTHUS ANNUUS F1

SUNBRIGHT SUPREME

Like Sunbright, Sunbright Supreme is a tall cut flower variety bred for early flowering under short day conditions and low temperatures. Compared to Sunbright, Sunbright Supreme is less sensitive to cold temperatures and flowers earlier. Flowers also have more rounded petals.

- Sunbright Supreme is a short day response variety and more responsive (quicker flowering) under short day conditions than Sunbright
- Uniform and vigorous under low temperature and short days
- Strong flower stems and necks for upward-facing flower heads
- Very well suited for production of dwarf-type flowers used in bouquets
- Less susceptible to botrytis at harvest stage
- Holds up extremely well in long distance shipping



MATTHIOLA INCANA

CHEERFUL & MID CHEERFUL

Efficient, cost-effective Stock series. 90% of the plants produce double flowers without manual seedling selection. Strong stems produce voluminous, highly scented double flowers. Cheerful is an extra-early flowering variety in cool climate areas.

- 90% of plants produce double flowers without manual seedling selection for a cost effective crop
- Mid-Cheerful flowers 1 to 3 weeks later than Cheerful, depending on climate conditions
- Uniform plant habit
- Strong stems, non-branching with fresh green foliage
- Produces a profusion of highly scented blooms









Yellow

Mid Yellow

MATTHIOLA INCANA

EARLY IRON

New series! Early Iron improves the uniformity and harvested quality and quantities compared to Iron in the 4 months with shorter days and lower light levels: November, December, January and February.

- Extra early flowering
- For short day conditions
- Excellent plant height
- Good quality and vase life
- Attractive colour range
- Approximately 55% double flowering without seedling selection
- Attractive for mono vases, excellent filler for mixed bouquets











MATTHIOLA INCANA

ARROW WHITE

Efficient, cost-effective Stock in the most popular colours. 90% of the plants produce double flowers without manual seedling selection. Strong stems with voluminous flowers. White Arrow is a mid-late flowering variety suited to a wide range of climate conditions, including warmer areas.

- 90% of plants produce double flowers without manual seedling selection for a cost-effective crop
- Uniform habit
- Suitable for cultivation in warmer areas
- Strong stems, non-branching, fresh green foliage

Also Available:

- Early Arrow White
- Extra early flowering
- Suitable for short day conditions
- · Excellent plants height



MATTHIOLA INCANA

IRON

Iron is a novel type of Japanese-bred Stock. Stems are tall, strong and much harder than traditional European varieties, with very tightly spaced florets.

- Early-Mid season flowering
- Attractive colour range
- Approximately 55% double flowering without seedling selection
- · Attractive for mono vases, excellent filler for mixed bouquets

























Rose Pink

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Sakata Ornamentals Europe A/S Odensevej 82 5290 Marslev Denmark

Tel. +45 63 90 64 90 Fax. +45 63 90 64 99

Sales: ornamentals-marketing@sakata.eu

Marketing: marcom@sakata.eu

