



**SAKATA**<sup>®</sup>

PASSI<sup>ON</sup> in Seed

# ***Flower Catalog***

## ***2026 - 2028***



Zinnia  
Profusion Double  
White Imp.

# 2026 New varieties

## P. 22 Antirrhinum



### Speedy Sonnet Yellow Imp.'26

The earliness of Speedy Sonnet Yellow Imp.'26 has been standardized within the series, resulting in improved series uniformity

## P. 30 Begonia



### Viking Red on Green Imp.

Increasing branching and more flowering power

### Viking Red on Bronze Imp.

The key improvements are upward-facing flowers and a deeper red coloration

### Viking Red on Chocolate Imp.

Increasing branching and more flowering power

## P. 30 Begonia



### Viking XL Red on Green Imp.

Upward-facing flowers and eye catching bright red coloration

## P. 41 Celosia



### Flamma Pink

The additional color in Flamma series, soft pastel pink flower color and very well branching from all sides of the plant

## P. 46 Delphinium



### Candle Blue Shades Imp.

Maintain strong stems and good volume. It is less likely to get early bolting compared to Candle Blue Shades

### Candle Lavender Shades Imp.

It shows better uniformity and develops volume more easily than Candle Lavender Shades. The second flush also comes up well, and the plants do not form rosette easily.

## P. 46 Delphinium



### Planet Deep Pink

The deeper pink color compared to Planet Light Pink, creates a striking contrast in cut flower arrangements

## P. 48 Flowering Cabbage



### OsakaiQ Rosy Red

Green outer leaves and a bright rosy red colored center. Excellent color contrast with Osaka iQ White

## P. 49 Flowering Kale



### Sapporo Fringed Red, White

Having fine cuts in the leaves, like feathers, creating a new and unique appearance

## P. 62 Pansy



### **Majestic Giants II Clear Scarlet**

Long-awaited additional clear color to the series! Bright scarlet flower color especially in fall season

## P. 64 Pansy



### **Grandio Blue & White Shades Imp.**

More compact plant habit, slightly earlier and deeper flower color than Grandio Blue & White Shades

### **Grandio True Blue Imp. '26**

Earlier flowering than Grandio True Blue and market varieties with better plant habit and less stretching even under the hot condition

## P. 66 Pansy



### **Grandissimo White**

Slightly vigorous but less stretching plant habit and larger flower size than Grandissimo Popcorn. Pure white flower with stable yellow center

### **Grandissimo Yellow w/Blotch Imp.**

The additional color in the Grandissimo series, stable blotch size

### **Grandissimo Blue Jeans**

The additional color in the Grandissimo series, unique bluish blotch color with some color variation

### **Grandissimo Rose w/Blotch Imp.**

Compact plant habit, greater uniformity, enhanced bright flower color and a slightly later flowering than Grandissimo Rose with Blotch

## P. 70 Viola



### **Perfetto Red**

The additional color in the Perfetto series, slightly shades color

### **Perfetto True Blue**

Additional color in Perfetto series, bright True Blue flower color !

## P. 95 Stock



### **Early Iron Pink II**

Easier to get plant height and higher flower density on spikes than Early Iron Pink

## P. 100 Zinnia



### **Profusion Golden**

The additional color in Profusion series, large flower size, excellent uniformity and fitting to series very well

# 2025 New varieties

## P. 15 Anemone



### Harmony Blue Imp.

Earlier flowering, a more uniform habit, and basal branches that cover the pot easily than previous variety

## P. 24 Antirrhinum



### Snapstar Yellow

Additional fresh yellow flower color

## P. 26 Aster



### Azumi XL Pink

Additional color expands series lineup and the range of arrangements

## P. 68 Pansy



### Ultima Morpho Imp.

Improved to bloom earlier than the current variety, with better flowering ability even under short day conditions

## P. 70 Viola



### Perfetto Blue & White Imp.

Brighter upper petal color than previous variety, with better flowering ability

## P. 53 Gerbela



### Majorette Orchid Dark Eye

Additional striking colors and large flowers on strong stems

## P. 73 Petunia



### Puffin White

The additional color in the Puffin series features strong flower petal quality and quick recovery after heavy rain, aligning perfectly with the series concept

## P. 56 Gomphrena



### **Mirror Ball Purple**

An ideal habit in pots and becomes a bit vigorous after transplanting in the field, like Ping Pong Neon Rose Imp.

### **Mirror Ball Peach**

Lightly fewer branches than other colors

The light pink appears distinct from the lavender color

### **Mirror Ball White**

The flower size is larger than other Mirror Ball series

It performs ideally in the field, maintaining a compact habit with many flowers

## P. 102 Zinnia



### **Profusion Double Fire Imp.**

The extra large flower size, compared to the smallest flower size in the previous variety, is abundant and maintains a mounding plant habit in the field. Additionally, it flowers a bit earlier within the series.

### **Profusion Double White Imp.**

Pure white color and larger flower size compared to the previous variety.

### **Profusion Double Golden Imp.**

Improved uniformity, brighter flower color, and larger flower size compared to the previous variety.



PASSI<sup>ON</sup> in Seed

加々美 勉

Tsutomu Kagami  
President and Chief Executive Officer



### *“A Seed Brings Smiles to the World “*

My name is Tsutomu Kagami, newly appointed president of Sakata Seed Corporation. I would like to express my sincere appreciation for your continued trust and support you have shown us over the years.

In recent years, the business environment surrounding horticulture and agriculture faces significant changes, including heavy rain, extreme heat, and droughts caused by climate change, as well as supply chain disruptions and shifts in trade conditions. Even in a society where uncertainty continues to grow, the importance of seeds remains unchanged. Seed company’s mission is to deliver nourishment to both body and soul. Our belief, “A Seed Brings Smiles to the World” has become an even more valued principle in the current era.

Since our founding, we have stayed true to the spirit of our motto, “Quality, Reliability, and Service.” We work closely with the growers, addressing on-site challenges while continuously advancing our varieties and services.

In March 2027, the International Horticultural Expo (GREEN×EXPO 2027) will be held in Yokohama. This will be a wonderful opportunity not only to showcase the beauty of flowers and greenery to visitors from around the world, but also to reaffirm the value of seeds, and to inspire future generations with the appeal of agriculture and horticulture. With a message “Vegetables nourish the body and flowers nourish the soul,” Sakata Seed Corporation aims to share the potential of flowers, vegetables, and seeds with the world through this exposition. We also hope to offer inspiring experiences that resonate even with those less familiar with horticulture, and to cultivate new fans for the future.

Believing in the power of seeds, we will continue to strive with passion and dedication, to be a company that contributes to the lives and smiles of people all over the world. We appreciate your continued support of Sakata Seed Corporation.

# ***SAKATA group's global network for flower business***

At SAKATA Group, our mission is to nourish the body and soul of people around the world through flower and vegetable seeds and plants. We work on developing valuable products that are original to SAKATA. We sell products, such as vegetable seeds, flower seeds, bulbs, plants, as well as agricultural and horticultural supplies.

We divide the world into four regions; Asia/Oceania, North & Central America, South America, and Europe Middle East/Africa. We strive to manage each region appropriately.

Sakata Seed Corporation directly supervises the Asia/Oceania region. It discusses business strategies with affiliate subsidiaries in the Asia/Oceania region.

**Sakata Korea Co., Ltd.**

**Sakata Seed (Suzhou) Co., Ltd.**

**Sakata Huacai Horticultural (Jiaxing) Co., Ltd.**

**Sakata Vietnam Co., Ltd.**

**Sakata Siam Seed Co., Ltd.**

**Sakata Seed India Pvt. Ltd.**



❶ Sakata Seed Corporation

❷ Sakata Seed America, Inc.

❸ Sakata Ornamentals Europe A/S

❹ Sakata Seed Sudamerica LTDA.

# PRODUCT FORM

Seed count per gram	<b>Petunia F1 Hybrid Multiflora</b>	( <i>Petunia hybrida</i> )	Botanical name
Recommended condition for germination	Seed Count	7,000-11,000 seeds / gr, 700-900 pellets / gr	Raw & Pellet
	Germination	25°C - 7 days light favored	
		<b>Annual</b>	Please refer to the right side of each series name for the available product forms.

## SEED COUNT

The seed count given for each variety have been compiled and provided for information purposes only. We have indicated the approximate number of seeds per gram and per ounce for all items of flower seed. The seed count is based on an average data and may vary according to crop results and other conditions beyond our control.

### PERFORMAX SEED Performax

#### Shasta Daisy Snow Lady

#### Tomato Red Robin

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

### PRIMAX SEED Primax

#### Anemone

#### Harmony / Harmony Double Gemstone / Gemstone Double

Advantages:  
Germination and more uniform  
High number of usable plants  
Improves germination under stressful planting conditions and unstable temperatures

### COATED SEED Coat

#### Gerbera

#### Durora / Festival / Majorette

Advantages:  
Seeds are highly visible for quality control  
Ensures single seed selection for accurate machine sowing thereby reducing labor hours  
Avoid double sowings to reduce the number of seeds used  
Dust free

### FILM COATED SEED F-Coat

#### Aster

#### Bonita / Matsumoto / Azumi XL

#### Sunflower

#### Vincent's 2

Advantages:  
Seeds are highly visible for easy sowing  
Notification of chemical treatment by coloring

### PELLETED SEED Pellet

#### Ageratum Blue Horizon

#### Begonia semp.

#### Ambassador / Emperor / Senator<sup>®</sup> / Inferno / Viking / Viking XL / Viking Explorer

#### Begonia tuberhybrida Fortune

#### Bellis Galaxy

#### Calceolaria Dainty

#### Campanula

#### Champion Pro / Champion / Champion II / Appeal

#### Gloxinia

#### Avanti / Brocade

#### Mimulus Mystic

#### Petunia

#### Eagle / Explorer / Falcon / Fenice / Hulahoop / Merlin / Puffin

#### Torenia Little Kiss

#### Trachelium Passion in

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

### MULTI-PELLETED SEED M-Pellet

Easy sowing of many seeds at the same time in one plug

#### Gypsophila Gypsy

8-10 seeds per M-pellet

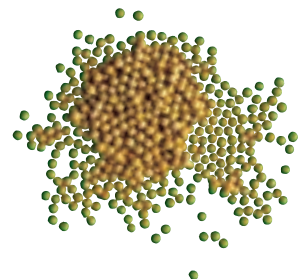
### CLEAN SEED Clean

Easy sowing of many seeds at the same time in one plug

#### Gomphrena

#### Ping Pong / Gnome / Mirror Ball

Advantages: Easy sowing



## Aster Azumi XL

Red	PVP#28899 (Japan) PVP#57172 (EU) PVP#201900242 (USA)
Rose	PVP#28900 (Japan) PVP#57173 (EU) PVP#201900243 (USA)
Blue	PVP#28901 (Japan) PVP#57174 (EU) PVP#201900244 (USA)
White	PVP#28902 (Japan) PVP#57175 (EU) PVP#201900245 (USA)
Pink	PVP#31206 (Japan)

## Aster Bonita

Blue	PVP#19437 (Japan) PVP#36665 (EU) PVP#201200122 (USA)
Light Blue	PVP#23943 (Japan)
Pink	PVP#19706 (Japan) PVP#37038 (EU) PVP#201200120 (USA)
Rose	PVP#19707 (Japan)
Scarlet	PVP#19705 (Japan)
Shell Pink	PVP#27467 (Japan) PVP#202000001 (USA)
White	PVP#19436 (Japan) PVP#36664 (EU) PVP#201200121 (USA)
Top Blue	PVP#29376 (Japan)
Top Pink	PVP#29375 (Japan)

## Aster Serenade

Deep Blue	PVP#23944 (Japan)
Yellow	PVP#13649 (Japan)

## Celosia Century

Pink	PVP#25116 (Japan)
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## Celosia Chief

Fire Imp.	PVP#60844 (EU) PVP#202100177 (USA)
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## Celosia Flamma

Orange	PVP#202200049 (USA) PVP#63773 (EU)
Red	PVP#202200050 (USA) PVP#63774 (EU)
Golden	PVP#202200048 (USA) PVP#63772 (EU)
Red with Bronze Foliage	PVP#202200051 (USA)
Rose	PVP#202200052 (USA)
Bright Red	PVP#202200047 (USA)

## Celosia Flamma Grow

Rose	PVP#202200053 (USA)
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## Gomphrena Ping Pong

Lavender	PVP#20700 (Japan)
White	PVP#20701 (Japan)
Neon Rose Imp.	PVP#28863 (Japan) PVP#63818 (EU) PVP#202000236 (USA)

## Gypsophila Gypsy

White	PVP#201800011 (USA)
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## Multicaule

Upright Yellow	PVP#17738 (Japan)
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## Platycodon Astra

Pink	PVP#18845 (EU)
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## Sunflower Vincent's 2

Choice	PVP#34650 (EU) PVP#201100397 (USA)
Fresh	PVP#201100396 (USA)
Choice Tangy	PVP#54150 (EU)
Fresh DMR	PVP#57368 (EU)

## Stock Quartet

Red II	PVP#23734 (Japan)
Deep Yellow	PVP#19829 (Japan)

## Stock Iron

Blue	PVP#22899 (Japan)
Deep Pink	PVP#12313 (Japan)
Marine	PVP#17872 (Japan)
Purple	PVP#14793 (Japan)
Rose Pink	PVP#18184 (Japan)
White	PVP#12312 (Japan)

## Stock Early Iron

Cherry Blossom	PVP#27127 (Japan)
Deep Yellow	PVP#29390 (Japan)
Rose Pink	PVP#29389 (Japan)

## Stock Early Arrow

White	PVP#26838 (Japan)
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## Stock Arrow

White	PVP#24600 (Japan)
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## Zinnia Profusion

Apricot	PVP#14323 (Japan)
Cherry Bicolor	PVP#27225 (Japan) PVP#55035 (EU) PVP#201900019 (USA)
Deep Apricot	PVP#200700129 (USA)
Fire	PVP#14322 (Japan) PVP#20436 (EU)
Lemon	PVP#26518 (Japan) PVP#48798 (EU)
Red	PVP#26517 (Japan) PVP#48797 (EU)
White	PVP#13664 (EU)
Yellow	PVP#29489 (EU) PVP#200900297 (USA)
Red Yellow Bicolor	PVP#29483 (Japan) PVP#60456 (EU)

## Zinnia Profusion Double

Deep Salmon	PVP#24987 (Japan) PVP#201400041 (USA)
Fire Imp.	PVP#29832 (Japan) PVP#202100423 (USA) PVP#63215 (EU)
Golden Imp.	PVP#31083 (Japan) PVP#202300171 (USA) PVP#69166 (EU)
Hot Cherry	PVP#23993 (Japan) PVP#41153 (EU) PVP#201400042 (USA)
Yellow	PVP#23992 (Japan) PVP#41151 (EU) PVP#201400039 (USA)
Red	PVP#29484 (Japan) PVP#60455 (EU) PVP#202000137 (USA)

### Protected Varieties

Varieties listed with PVP number are protected by Japan, Europe or U.S. plant patents or plant variety protection laws. Seed reproduction and re-exportation of seed are strictly prohibited.

# AWARD WINNERS



**PROFUSION DOUBLE  
WHITE IMP.**  
Zinnia



**PROFUSION  
CHERRY**  
Zinnia



**PROFUSION  
RED**  
Zinnia



**PROFUSION  
WHITE**  
Zinnia



**PROFUSION DOUBLE  
HOT CHERRY**  
Zinnia



**PROFUSION  
ORANGE**  
Zinnia



**PROFUSION DOUBLE  
RED YELLOW BICOLOR**  
Zinnia



**PROFUSION DOUBLE  
RED**  
Zinnia



**PROFUSION DOUBLE  
DEEP SALMON**  
Zinnia



**GYPSY  
PINK IMP.**  
Gypsophila



**GYPSY  
WHITE**  
Gypsophila



**GYPSY  
DEEP ROSE**  
Gypsophila

## FLEUROSELECT

In this organization, established in 1970, flower and plant judges evaluate for novelty and practicality of entries at various locations across Europe in order to select award-winning varieties. A Gold Medal is only awarded to varieties demonstrating breakthrough breeding. Due to stringent entry requirements, each company is careful to select and exhibit only the varieties they have the most confidence in. Not only is winning a Fleuroselect award a source of pride for breeders, but it also has a major effect on the ability to popularize new varieties from a commercial standpoint.



### FLEUROSELECT GOLDMEDAL WINNERS

Fleuroselect Gold Medal is awarded for excellent performance in trials. Fleuroselect Gold Medal is awarded when a variety extends the existing limits of breeding and beauty.

- 2026 Zinnia Profusion Double White Imp.
- 2022 Zinnia Profusion Red Yellow Bicolor
- 2018 Zinnia Profusion Red
- 2017 Begonia Senator<sup>®</sup> Rose Bicolor
- 2014 Zinnia Profusion Double Hot Cherry
- 2003 Carnation Can Can Scarlet
- 2001 Zinnia Profusion White
- 1999 Zinnia Profusion Cherry



### FLEUROSELECT APPROVED NOVELTY

New varieties granted Approved Novelty status were recognised by the Fleuroselect judges to be sufficiently new and different versus existing cultivars. They moreover passed the rigorous requirement for uniformity. These innovative cultivars are protected by the membership from reproduction and are welcome additions to the current commercial range of garden bedding plants.

- 2025 Celosia Flamma Pink
- 2023 Gypsophila Gypsy Pink Imp.
- 2021 Celosia Flamma Red
- 2021 Zinnia Profusion Double Red
- 2018 Gypsophila Gypsy White
- 2011 Zinnia Profusion Double Deep Salmon
- 2004 Pansy Ultima Radiance Deep Blue
- 2003 Gypsophila Gypsy Deep Rose
- 2002 Petunia Merlin Blue Morn
- 1998 Pansy Ultima Beacon Rose
- 1997 Antirrhinum Floral Showers Apricot Bicolor
- 1996 Aster Serenade Red
- 1996 Petunia Merlin Pink Morn
- 1996 Trachelium Passion in Violet



**SENATOR<sup>®</sup>  
ROSE BICOLOR**  
Begonia



**VIKING XL  
RED ON CHOCOLATE**  
Begonia



**VIKING EXPLORER  
ROSE ON GREEN**  
Begonia



**CAN CAN  
SCARLET**  
Carnation



**MERLIN  
BLUE MORN**  
Petunia



**FLAMMA  
ORANGE**  
Celosia



**FLAMMA  
PINK**  
Celosia



**FLAMMA  
RED**  
Celosia



**APRICOT BRANDY**  
Celosia



**CENTURY  
MIX**  
Celosia



**PRESTIGE SCARLET**  
Celosia



**SNOW LADY**  
Shasta Daisy

## ALL-AMERICA SELECTIONS

This non-profit organization was established in 1932 to select and promote superior new varieties of flowers and vegetables. It is the most authoritative trade association in the horticultural industry, pursuing the goal of introducing and promoting new flowerbed flowers for the home gardeners in the US and Canada and allowing the world's major seed companies to compete and exhibit new cultivars. Cultivation experiments are conducted by dozens of universities,

botanical gardens, and seed companies across the North American continent. The best cultivars are selected as award-winning varieties in an event also known as the "Flower Olympics". Awards are given in four categories: flowers from cuttings, flowers from seed, edibles/vegetables, and herbaceous perennials. Gold medals are only awarded for particularly outstanding plants, and there are not always suitable candidates every year.



### ALL-AMERICA SELECTIONS GOLD MEDAL

- 2026 Zinnia Profusion Double White Imp.
- 2022 Begonia Viking Explorer Rose on Green
- 2021 Zinnia Profusion Red Yellow Bicolor
- 2001 Zinnia Profusion White
- 1999 Zinnia Profusion Orange
- 1999 Zinnia Profusion Cherry



### ALL-AMERICA SELECTIONS AWARD WINNER

- 2025 Celosia Flamma Pink
- 2022 Celosia Flamma Orange
- 2019 Begonia Viking XL Red on Chocolate
- 2018 Gypsophila Gypsy White
- 2017 Zinnia Profusion Red
- 2013 Zinnia Profusion Double Hot Cherry
- 2013 Zinnia Profusion Double Deep Salmon
- 2004 Gypsophila Gypsy Deep Rose
- 2003 Carnation Can Can Scarlet
- 2003 Petunia Merlin Blue Morn
- 1997 Celosia Prestige Scarlet
- 1988 Shasta Daisy Snow Lady
- 1985 Celosia Century Mix
- 1981 Celosia Apricot Brandy





Gemstone series



Gemstone Double Scarlet



Gemstone Red Bicolor

# GEMSTONE

**Anemone F<sub>1</sub> Hybrid Tall**

(*Anemone coronaria*)

**Seed Count** 1,800 seeds / gr

**Primax**

**Germination** 15-18°C - 10 -14 days light favored

**Perennial**

- Enough stem length as a cut flower (over 40 cm)
- Large flower size : 10-15 cm
- Bright, vibrant colors suitable for all occasions
- High yield : many stems can be harvested from one seedling
- Offers unique holiday promotion opportunities
- Hard stems which are not easy to bend and crack
- Gemstone series is ideal for holiday use such as Lunar New Year, Valentine's Day, Easter and Mother's Day
- A choice for multiple uses ; planting in patios and landscaping displays
- Primax seeds are particularly suitable for mechanical sowing purposes, quicker germination and more uniform than normal clean seeds



Scarlet



Blue



White



Red Bicolor



Chocolate



Pink

# GEMSTONE DOUBLE

**Anemone F<sub>1</sub> Hybrid Tall**

(*Anemone coronaria*)

**Seed Count** 1,800 seeds / gr

**Primax**

**Germination** 15-18°C - 10 -14 days light favored

**Perennial**

- First double flowering cut flower variety from seed as new series
- Gorgeous double flower shape making new market in early spring
- Enough stem length as a cut flower (over 30cm)
- High yield : Many stems can be harvested from one plant
- Gemstone Double Scarlet is ideal for holiday use such as Lunar New Year, Valentine's Day, Easter and Mother's Day
- Hard stems which are not easy to bend and crack
- A choice for multiple uses ; planting in patios and landscaping displays
- Primax seeds are particularly suitable for mechanical sowing purposes, quicker germination and more uniform than normal clean seeds



Scarlet



Harmony Double series



Harmony Double series

## HARMONY DOUBLE

Anemone F1 Hybrid Dwarf

(*Anemone coronaria*)

Seed Count 2,500 seeds / gr

Primax

Germination 15-18°C - 10 -14 days light favored

Perennial

- Unique double flower type of Harmony series
- Dwarf, compact, multi-flowering plants with 5 cm flowers on strong stems
- Suitable for 10 cm pot production for early spring sales
- Superb cold crop for premium pots in early spring
- Harmony Double series is ideal for holiday use such as Lunar New Year, Valentine's Day, Easter and Mother's Day
- Primax seeds are particularly suitable for mechanical sowing purposes, quicker germination and more uniform than normal clean seeds
- For perennial plant sales, transplant to a protected garden site to naturalize with repeated flowering the following spring
- A choice for multiple uses ; planting in patios and landscaping displays

Also available in Mix



Rose



Scarlet



Blue



Pink



White



Harmony Orchid



Harmony Blue Imp.

# HARMONY

Anemone F1 Hybrid Dwarf

(*Anemone coronaria*)

Seed Count 2,500 seeds / gr

Primax

Germination 15-18°C - 10 -14 days light favored

Perennial

- Compact, multi-flowering plant with 5 cm flowers on strong stems
- Suitable for 10 cm pot production for early spring sales
- Superb cold crop for premium pots in early spring
- Harmony series is ideal for holiday use such as Lunar New Year, Valentine's Day, Easter and Mother's Day
- Primax seeds are particularly suitable for mechanical sowing purposes, higher germination and more usable plants than normal clean seeds
- For perennial plant sales, transplant to a protected garden site to naturalize with repeated flowering the following spring
- A choice for multiple uses ; planting in patios and landscaping displays

Also available in Mix



Blue Imp.



Burgundy



Scarlet



White Imp.



Pearl



Orchid



Aurora

## AURORA

**Amaranthus Tall**

(*Amaranthus tricolor*)

**Seed Count** 1,600 seeds / gr

Raw

**Germination** 20-25°C - 7 days light inhibited

**Annual**

- Bright and luminescent colors
- Vigorous branching habit and height, ideal for landscape use
- Easy to germinate and grow with strong root systems
- Manageable plant habit with plant growth regulators
- Excellent garden and pot performance from late spring to fall
- Suitable for hot and moderate climates



Early Splendor

## EARLY SPLENDER

**Amaranthus Tall**

(*Amaranthus tricolor*)

**Seed Count** 1,600 seeds / gr

Raw

**Germination** 20-25°C - 7 days light inhibited

**Annual**

- Very attractive "bright crimson red" on top leaves and "bronze" on lower leaves
- Strong color accent for pot and landscape use
- Early crimson leaf color formation
- Excellent garden and pot performance from late spring to fall
- Suitable for hot and moderate climates



Early Splendor

# ILLUMINATION

**Amaranthus Tall**

(*Amaranthus tricolor*)

**Seed Count** 1,600 seeds / gr

Raw

**Germination** 20-25°C - 7 days light inhibited

**Annual**

- Very unique orange scarlet with yellow center on bronze leaves
- Bright colorful leaves makes attractive contrast for pot and landscape use
- Very showy wide leaves
- Excellent garden and pot performance from late spring to fall
- Suitable for hot and moderate climates



Illumination

## TRICOLOR SPLENDENS PERFECTA

**Amaranthus Tall**

(*Amaranthus tricolor*)

**Seed Count** 1,600 seeds / gr

Raw

**Germination** 20-25°C - 7 days light inhibited

**Annual**

- Very colorful tricolor top leaves with rich red, yellow and fresh green with stable colors
- Strong and colorful landscape item adds height to flower beds in warm areas
- Excellent garden and pot performance from late spring to fall
- Suitable for hot and moderate climates



Tricolor Splendens Perfecta



Blue Horizon

## BLUE HORIZON

**Ageratum F1 Hybrid Triploid Tall**

(*Ageratum houstonianum*)

**Seed Count** 400 pellets / gr

Pellet

**Germination** 20-25°C - 5 days light favored

**Annual**

- The first F1 triploid Ageratum variety for cut flower cultivation
- Due to the triploid variety, this Ageratum has larger flowers than traditional plants and is very vigorous and easy to grow
- Attractive eye catching blue color
- Suitable for both cut flower and bedding use
- Growing to a height of 75cm with strong, sturdy stems and numerous branches, this plant has a spread of approximately 20 cm
- Strong root system
- Good branching for filling extensive flower beds
- Adds volume and height to parks and gardens
- Long shelf life as cut flowers
- Excellent performance from late spring to fall
- Only pelleted seed is offered for easy sowing



Blue Horizon

# SUMMARY OF SAKATA'S F1 HYBRID ANTIRRHINUM

Sakata's Antirrhinum breeding offers a broad range of varieties to meet your needs. We have several choices of dwarf and knee high type for the pot and landscaping usage. And, there is a special series of trailing type for hanging baskets. In addition, we offer the cut flower varieties which are suitable for different climate/ day length area.

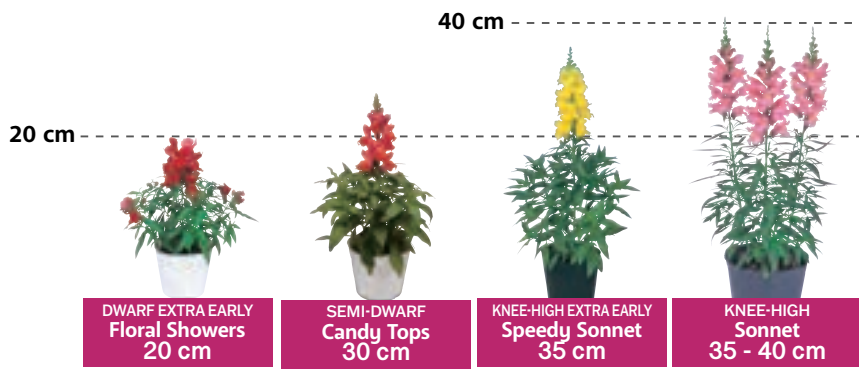
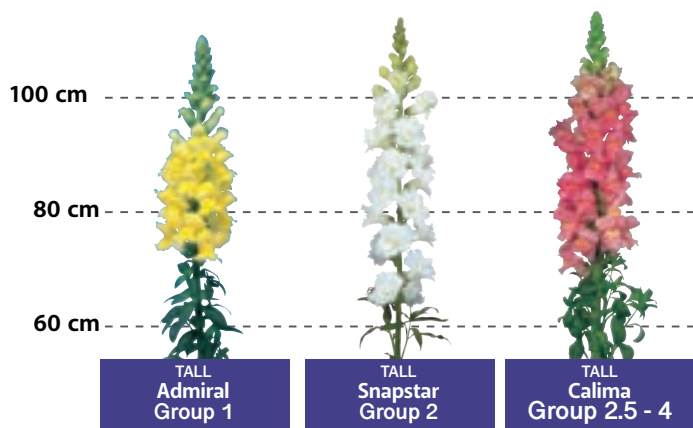
Candy Tops is improved for harder stems and good plant habit, especially for fall shipment. Strong and straight stem will make for better transportability and retail appeal.



Candy Showers series



Sonnet series



# CANDY TOPS

**Antirrhinum F1 Hybrid Semi-Dwarf**

(*Antirrhinum majus*)

**Seed Count** 5,000-7,000 seeds / gr

**Raw**

**Germination** 20°C - 5-7 days light favored

**Annual**

- Plant height is 30 cm
- Much harder stems and good plant habit than the existing dwarf varieties
- Superb floriferousness from long and rich volume flower spikes with many buds
- Main stem hold straight with more flowers
- Well suited for pack and pot culture without plant growth regulators
- The transportability is better than knee high type from shipping space point of view
- Excellent for plantings in patio, pot, and containers
- Has a sweet fragrance

Also available in Mix



Candy Tops Pink Bicolor



Pink Bicolor



Candy Tops series



Red



Orange



Rose



Champagne



Yellow



White



Candy Tops Red



Candy Showers series



Candy Showers Pink

# CANDY SHOWERS

**Antirrhinum F1 Hybrid Creeping**

(*Antirrhinum majus*)

**Seed Count** 5,000-7,000 seeds / gr

Raw

**Germination** 20°C - 5-7 days light favored

Annual

- Plant height is 15 cm
  - Strong, flexible stems ship well and hold up in the garden
  - Beautiful as a single color or as a mix of colors in hanging baskets and mixed containers
  - Flower easily under short days, suitable for spring and fall
  - Multi-sowing seeds with trailing plant habit can cover the pot soil easily
- Also available in Mix



Red



Rose Imp.



Pink



Orange



Deep Purple



White



Yellow



Sonnet series

# SONNET

**Antirrhinum F1 Hybrid Knee-High**

(*Antirrhinum majus*)

**Seed Count** 5,000 seeds / gr

**Germination** 20°C - 5-7 days light favored

Raw

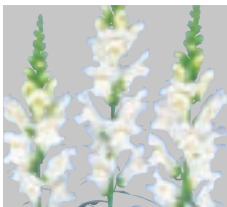
**Annual**

- Reaches up to approximately 50 cm in plant height
- Easy to grow with sturdy branches and strong root system
- A choice of bright and vibrant colors for multiple uses ; plantings in patio tubs, and/or park and landscaping displays
- Well suited for large containers but can be grown in smaller pots with use of plant growth regulators
- Suitable for home garden use as a cut flower
- Long flowering season as the main stem is surrounded by numerous flowering spikes
- Multi flowering after cutting back
- Suitable for late spring to fall season sales
- Has a sweet fragrance

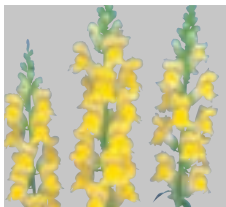
Also available in Mix



Sonnet series



White



Yellow



Rose



Pink



Crimson



Burgundy



Carmine



Orange Scarlet



Speedy Sonnet Yellow Imp.'26

# SPEEDY SONNET

**Antirrhinum F<sub>1</sub> Hybrid Knee-High Extra Early** (*Antirrhinum majus*)

**Seed Count** 5,000 seeds / gr

**Germination** 20°C - 5 -7 days light favored

Raw

Annual

- Reaches up to approximately 45 cm in plant height
- Earlier flowering Sonnet type
- Almost day length neutral series
- Easy to grow with sturdy branches and strong root system
- A choice of bright and vibrant colors for multiple uses ; plantings in patio tubs, and/or park and landscaping displays
- Continuous flowering with excellent side branching
- Suitable for home garden use as a cut flower
- Suitable for early spring and fall season sales
- Has a sweet fragrance

Also available in Mix

**Speedy Sonnet Yellow Imp.'26** : The earliness of Speedy Sonnet Yellow Imp.'26 has been standardized within the series, resulting in improved series uniformity



Yellow Imp.'26



Speedy Sonnet Pink



White Imp.



Rose Imp.



Bronze



Pink



Crimson



Purple

# FLORAL SHOWERS

**Antirrhinum F1 Hybrid Dwarf Extra Early**

(*Antirrhinum majus*)

**Seed Count** 4,500 - 7,000 seeds / gr

**Germination** 20°C - 5 - 7 days light favored

Raw

**Annual**

- Reaches up to approximately 20 cm in plant height
  - Good side branching for more flowers per plant
  - Narrow flowering window throughout the color range
  - Long flowering season due to continuous flowering after cutting back seed pods
  - Wide color range, including bright colors and unique bicolors for fall to spring sales
  - Has a sweet fragrance
  - Floral Showers Apricot Bicolor is a 1997 Fleuroselect Approved Novelty
- Also available in Mix and Bicolor Mix



Floral Showers Scarlet Imp.



Floral Showers Bicolor Mix



Floral Showers series



White



Yellow



Rose Pink



Scarlet Imp.



Crimson



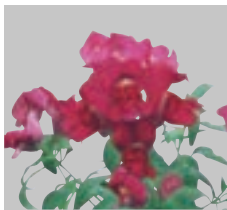
Lilac



Rose



Deep Bronze



Purple



Red & Yellow Bicolor



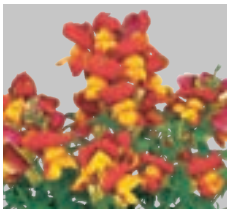
Coral Bicolor



Lavender Bicolor Imp.



Wine Bicolor Imp.



Apricot Bicolor



Snapstar Champagne



Snapstar series



White



Pink



Champagne



Yellow

# SNAPSTAR

**Antirrhinum F1 Hybrid Tall**

(*Antirrhinum majus*)

**Seed Count** 6,000-7,000 seeds / gr

**Germination** 20°C - 5 -7 days light favored

Raw

**Annual**

- Unique flower shape with gorgeous double flowers
- Hard long stems with long rich flower spikes
- Perfect addition to trendy bouquet or luxury flower arrangements
- Group 2 flowering, it can be harvested in wide seasons resulting in high yield
- Easy to get stem length



Bright Pink



Pink Bicolor



Pink



Purple



White



Yellow



Crimson



Admiral series

## ADMIRAL

**Antirrhinum F1 Hybrid Tall**

*(Antirrhinum majus)*

**Seed Count** 7,000-9,000 seeds / gr

**Germination** 20°C - 5-7 days light favored

Raw

**Annual**

- Group 1 flowering
- Long flower spikes and tight spaced florets
- Bright clear colors
- Uniform growth under short day conditions in winter
- Recommended sowing from summer to late fall
- Expected harvesting from winter to late spring

## CALIMA

**Antirrhinum F1 Hybrid Tall**

*(Antirrhinum majus)*

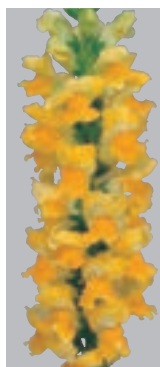
**Seed Count** 6,000 seeds / gr

**Germination** 20°C - 5-7 days light favored

Raw

**Annual**

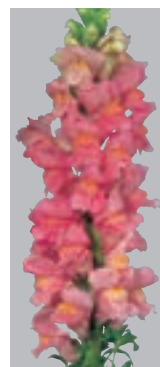
- Group 3 and 4 flowering
- Long flower spikes and tight spaced florets
- Thick, strong flower stems with good volume
- Easy to get stem length
- Easy to manage cut flower production
- Especially bred for equatorial production areas



Yellow (Group 2.5)



Pure White (Group 2.5)



Pink (Group 3.5)



Deep Rose (Group 4)



Hot Pink (Group 2.5)



Azumi XL Blue



Azumi XL White



Rose (PVP)



Red (PVP)



Pink (PVP)



White (PVP)



Blue (PVP)

## AZUMI XL

Aster Tall

(*Callistephus chinensis*)

Seed Count 450 seeds / gr

F-Coat

Germination 20°C - 7 days cover lightly

Annual

- Large size, gorgeous pompon flower
- Flower size is 7 - 7.5 cm in diameter
- As flowers gradually open, it becomes more pompon shape with long shelf life
- Easier to get plant height than Matsumoto and Bonita series
- Intermediate resistance to Fusarium, between Matsumoto and Serenade series
- Top flowering, spray type habit
- \*Some percentages of off-types can appear
- \*Deformed flower can appear, depending on growing conditions

Actual size





Bonita series



Bonita series  
Serenade series

# BONITA

Aster Tall

(*Callistephus chinensis*)

Seed Count 450 seeds / gr

F-Coat

Germination 20°C - 7 days cover lightly

Annual

- As flowers gradually open, it becomes more pompon shape
  - Same flower size as Matsumoto series but more gorgeous flower shape
  - Double shaped flower center with long vase life
  - The same intermediate resistance to Fusarium as Matsumoto series and stronger than existing pompon type varieties
  - Plant habit is spray type with tight spacing
  - Flowering 5-7 days later than Matsumoto series
  - Low percentage of off types
  - Cultivation is the same as Matsumoto series
- Also available in Mix

Becomes beautiful, fully double pompon flowers



White

Blue

Pink



Scarlet

Rose

Light Blue



Shell Pink

Top Blue

Top Rose



Actual size



Matsumoto series



Serenade series

# MATSUMOTO

**Aster Tall**

*(Callistephus chinensis)*

**Seed Count** 450 seeds / gr

F-Coat

**Germination** 20°C - 7 days cover lightly

**Annual**

- The first Aster series with intermediate resistance to Fusarium in the market
- Flower size is 5 cm in diameter with a distinct yellow center
- Plant height is 60-75 cm
- Matsumoto series offers a wide range of colors
- The plant has strong, long stems with an upright flowering habit
- Production cycle is approximately 15 weeks (100 days) from sowing in spring or when produced with day length manipulation techniques

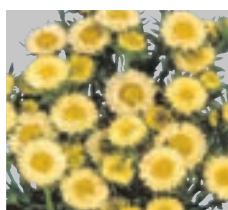


White

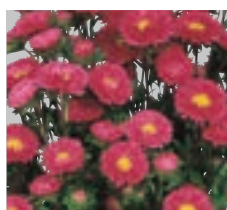
Also available in Mix



Blue



Yellow



Rose



Scarlet



Pink



Red



Apricot



Light Blue



Blue Tipped White

# SERENADE

**Aster Tall**

*(Callistephus chinensis)*

**Seed Count** 400 seeds / gr

Raw

**Germination** 20°C - 7 days cover lightly

**Annual**

- Flower size is 3 cm in diameter with a distinct yellow center
- Spray habit with an abundance of semi double flowers
- Serenade series offers in wide range of colors
- Intermediate resistance to Fusarium
- Production cycle is approximately 15 weeks (100 days) from sowing in spring or when produced with day length manipulation techniques
- Serenade Red is a 1996 Fleuroselect Approved Novelty

Also available in Mix



White



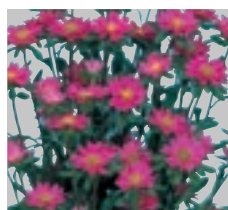
Deep Blue



Yellow



Scarlet



Rose



Red



Deep Rose



Rose Tipped White



Blue Tipped White

# BEGONIA



All weather Begonia Viking

The 3 Viking series are developed for multiple usages ex. landscaping, large containers and hanging basket etc.

Viking is available in green, bronze and unique chocolate leaf color.

No other commercial Begonia series offers chocolate leaf type.





Viking series



Viking Coral Flame on Green

# VIKING

**Begonia F1 Hybrid** (*Begonia x hybrida*)  
**Seed Count** 2,700 pellets / gr **Pellet**  
**Germination** 20°C - 10-14 days light favored  
**Annual**

- Excellent for large containers and landscaping
- Wider color assortments on flower and foliage than any other series in this segment
- Attractive contrast with brilliant flowers color and shiny foliage
- High germination and usable plug count
- Keeps flowers longer opened, especially in the early morning, late afternoon and retail conditions

**Viking Red on Bronze Imp. :** The key improvements are upward-facing flowers and a deeper red coloration

**Viking Red on Chocolate Imp. :** Increasing branching and more flowering power

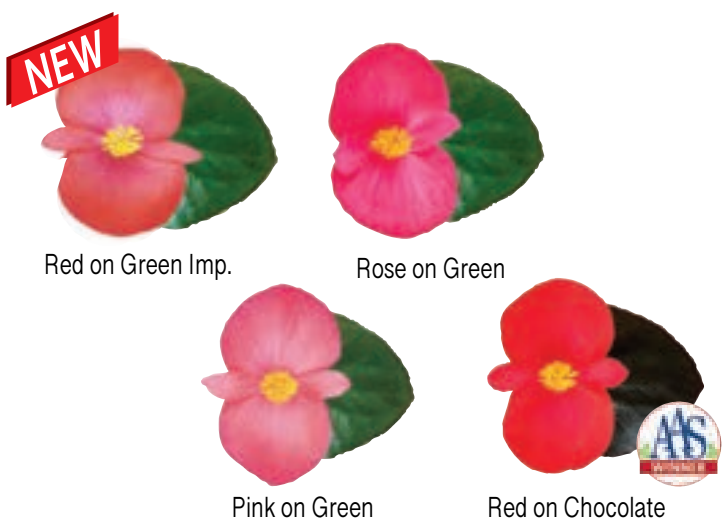
**Viking Red on Green Imp. :** Increasing branching and more flowering power

# VIKING XL

**Begonia F1 Hybrid** (*Begonia x hybrida*)  
**Seed Count** 2,700 pellets / gr **Pellet**  
**Germination** 20°C - 10-14 days light favored  
**Annual**

- Stunning performer in landscaping
- Later flowering and have more vigorous habit in the pot and field compared to Viking
- Extreme landscape power. Longer lasting as well
- Viking XL Red on Chocolate is a 2019 All-America Selections Award winner

**Viking XL Red on Green Imp. :** Upward-facing flowers and eye catching bright red coloration





Viking Explorer series

## VIKING EXPLORER

Begonia F1 Hybrid

(*Begonia x hybrida*)

Seed Count 2,700 pellets / gr

Pellet

Germination 20°C - 10-14 days light favored

Annual

- Unique trailing/spreading habit with flowers on top and all sides of the plant
- Suitable for tall container and hanging baskets
- Viking Explorer Rose on Green is a 2022 All-America Selections Gold Medal Award winner



Viking Explorer Red on Green



Rose on Green



Red on Green



Ambassador series

# AMBASSADOR

**Begonia F<sub>1</sub> Hybrid Dwarf** (*Begonia semperflorens*)

**Seed Count** 86,000 seeds / gr, 2,700 pellets / gr **Raw & Pellet**  
**Germination** 20°C - 10-14 days light favored

**Annual**

- Wide range of vibrant colors with green foliage including attractive scarlet variety on the market
- Good series uniformity, compact habit with excellent pack performance
- High germination resulting in a higher yield of usable plants
- Suitable for mass planting beds
- Superbly floriferous even under hot and humid conditions

Also available in Mix



Scarlet



Pink Imp.



Rose



White Imp.



Bicolor

# EMPEROR

**Begonia F<sub>1</sub> Hybrid Dwarf** (*Begonia semperflorens*)

**Seed Count** 93,000 seeds / gr, 2,700 pellets / gr **Raw & Pellet**  
**Germination** 20°C - 10-14 days light favored

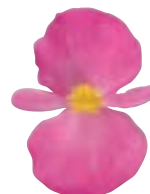
**Annual**

- Large flower size, numerous flowers in an attractive color range on contrasting green foliage
- More vigorous habit than Ambassador and Senator iQ series
- Extra early flowering, flowers 10-14 days earlier than other major varieties
- Grower can save energy costs and bench space with later sowing
- High germination resulting in a higher yield of usable plants
- Extremely uniform flowering window, resulting in a quick turnover of crops
- Remains compact with excellent pack and garden performance under hot and dry conditions
- Keeps flowering tirelessly even under hot and humid conditions

Also available in Mix



White Imp.



Rose



Red Imp.



Pink



Senator<sup>iQ</sup> series



Inferno series

## SENATOR<sup>iQ</sup>

Begonia F<sub>1</sub> Hybrid Dwarf

(*Begonia semperflorens*)

Seed Count 77,000 seeds / gr, 2,700 pellets / gr

Raw & Pellet

Germination 20°C - 10-14 days light favored

Annual

The symbol "iQ" is more than just 'improved Quality'. This symbol indicates a complete upgrade across all characteristics in a series.

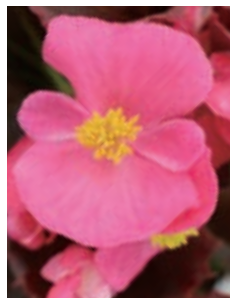
- Superb garden performance
- Senator iQ Rose Bicolor is a 2017 Fleuroselect Gold Medal Award winner

Also available in Mix

- Darker bronze foliage
- Improved germination
- Non stretching in the pack / pot
- More uniform, early flowering habit



Cherry Blossom



Deep Rose



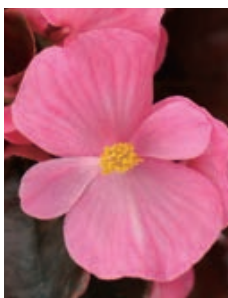
Scarlet



Rose Bicolor



Pink



Rose



White

## INFERNO

Begonia F<sub>1</sub> Hybrid Dwarf

(*Begonia semperflorens*)

Seed Count 2,700 pellets / gr

Pellet

Germination 20°C - 10-14 days light favored

Annual

- Decorative with extra large flower heads
- Bred for extensive flower beds
- 16 plants per sq. meter give a satisfactory coverage in terms of saving input costs compared to other standard semperflorens varieties
- Excellent germination, resulting in more usable seedlings
- Basal branching that adds volume and height to the beds
- Self-cleaning plant habit, giving low maintenance
- Plantings in hanging baskets and patio tubs guarantee success for the home gardeners

Also available in Mix



Inferno series



Red



Rose



White



Fortune series



# FORTUNE

Begonia F1 Hybrid

(*Begonia tuberhybrida*)

Seed Count 2,700 pellets / gr

Pellet

Germination 20°C - 10-14 days light favored

Annual



**FORTUNE**  
B E G O N I A

A season of blooms is in your future.

- Fortune series is a faster flowering series compared with other varieties in the market
- Good balance between the flower head size and flower stem avoids shipping damage
- Requires less or no plant growth regulator
- Compact habit saving bench space with a tight flowering window compared with other standard varieties, resulting in a quick crop turnover

- Better transportability due to stronger and shorter flower stems compared with other commercial varieties

Also available in Mix



Fortune series

# DAINTY

**Calceolaria F1 Hybrid Dwarf**

(*Calceolaria herbeohybrida*)

**Seed Count** 800 pellets / gr

**Pellet**

**Germination** 20°C - 5 days light favored

**Annual**

- Small, compact habit for high density production with a 15 cm spread
  - Easier to handle and ship with minimum damage to leaves
  - The thick flowers of 4-5 cm in size give minimum flower damages
  - Suitable for 8-10 cm pot cultures
  - Excellent series uniformity
  - Only Pelleted seed is offered for easy sowing
- Also available in Mix



Red



Red & Yellow



Yellow w/Spots

# TREASURES RED

**Capsicum F1 Hybrid Dwarf**

(*Capsicum annuum*)

**Seed Count** 210 seeds / gr

**Raw**

**Germination** 20°C - 7-10 days light favored

**Annual**

- Compact habit, growing to a height of 12 cm. with dark green foliage
  - Short crop time with excellent uniformity
  - Bears conical white fruit that change to bright red color in maturity
  - Excellent 10 cm pot item
- \*Capsicum Treasures Red is recommended for ornamental usage only



Treasures Red

# CALYPSO II

**Calendula Dwarf**

(*Calendula officinalis*)

**Seed Count** 130 seeds / gr

**Raw**

**Germination** 20°C - 5 days light inhibited

**Annual & Biennial**

- An ideal compact plant habit for pack and pot sales
- Abundance of bright large flowers with good petal count
- Good branching and vigorous habit shows excellent garden performance
- Suitable for fall to spring garden especially in mild winter climates



Orange w/Black Center

# LADYBIRD

**Cosmos Sulphureus Dwarf**

(*Cosmos sulphureus*)

**Seed Count** 110 seeds / gr

**Raw**

**Germination** 20°C - 5-7 days light inhibited

**Annual**

- Produces an abundance of medium sized semi double colorful flowers
  - Early flowering series
  - Remains compact under dry and high temperature conditions
  - Suitable for 10 cm pot production
  - Plant height is approximately 30 cm with a branching spread of 40 cm
- Also available in Mix



Yellow



Orange



Can Can Rose



Can Can Scarlet



## CAN CAN

Carnation F<sub>1</sub> Hybrid Semi-Tall

(*Dianthus caryophyllus*)

Seed Count 420 seeds / gr

Raw

Germination 20°C - 5 days cover lightly

Annual & Binnial

- High quality Carnation for better garden performance
- Large flowers with a delightful fragrance, measuring 5 cm in diameter
- Excellent basal branching and strong stems
- Multi garden usage such as cut flowers, patio containers, border plantings, or semi tall bedding crop
- Grows to a height of approximately 45 cm
- Suitable for production in large pots of 15-20 cm or "gallon pot"
- Cool crop requiring little to no heat
- Cocktail Party is mix color of burgundy, purple, salmon, scarlet and rose pink with uniform flowering timing and plant habit in series
- Flowers from mid spring and well into summer
- Can Can Scarlet is a 2003 All-America Selections Award winner and a 2003 Fleuroselect Gold Medal Award winner

## LILLIPOT

Carnation F<sub>1</sub> Hybrid Dwarf

(*Dianthus caryophyllus*)

Seed Count 420 seeds / gr

Raw

Germination 20°C - 5 days cover lightly

Annual & Binnial

- The fully double, true Carnation flowers makes Lillipot series a very attractive item for consumers
- Flowers tirelessly throughout the season
- Excellent quality for professional pot plant growers with a height of 25 cm
- Genetically compact Carnation, this variety is suitable for cultivating in a pot size of 10-15 cm
- Stays compact, so no need for plant growth regulators or pinching
- Cool crop requiring little to no heat

Also available in Mix



Scarlet



Cocktail Party



Rose



White



Yellow



Scarlet



Purple



Orange Bicolor



Appeal White



Appeal Deep Blue

# APPEAL

**Campanula F1 Hybrid Dwarf**

(*Campanula medium*)

**Seed Count** 700 pellets / gr

**Pellet**

**Germination** 20°C - 7-10 days light favored

**Annual**

- The Appeal series is pot type Campanula without the need for plant growth regulators treatment
- Annual flowering type, low temperature is not required for flower initiation
- Up face flowering
- Good basal branches
- Genetically compact, but long day treatment and applying plant growth regulators promote an even more compact plant
- Pelleted seed is offered for easy sowing



Appeal Pink



White



Pink



Deep Blue



Champion series



Champion II series

# CHAMPION

**Campanula F<sub>1</sub> Hybrid Tall**

(*Campanula medium*)

**Seed Count** 700 pellets / gr

**Germination** 20°C - 7-10 days light favored

**Pellet**

**Annual**

- The Champion series is a popular variety produced by the major cut flower growers and widely favored in the market
- Annual flowering habit only requiring day length manipulation and moderate growing temperatures of 13°C
- As annual variety, Champion series can be produced nearly year round depending on the geographical location
- Suitable cut flower for arrangements or bouquets for holidays such as Valentine's Day and Mother's Day
- Pelleted seed is offered for easy sowing

# CHAMPION II

**Campanula F<sub>1</sub> Hybrid Tall**

(*Campanula medium*)

**Seed Count** 700 pellets / gr

**Germination** 20°C - 7-10 days light favored

**Pellet**

**Annual**

- New Champion II series boasts superb uniformity and large flower size
- Up face flowering
- Great plug performance
- As annual variety, Champion II series can be produced nearly year round depending on the geographical location
- Uniform and shorter flowering window, less labor cost for harvesting for growers
- Uniform plant height with upward facing flowers making for better transportation
- Pelleted seed is offered for easy sowing



White Imp.



Blue



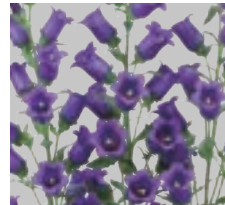
Pink



Lavender Imp.



White



Deep Blue



Pink



Rose



Lilac



Champion II Pink



Champion Pro White



Champion Pro series

## CHAMPION PRO

**Campanula F1 Hybrid Tall**

(*Campanula medium*)

**Seed Count** 700 pellets / gr

**Pellet**

**Germination** 20°C - 7-10 days light favored

**Annual**

- Smaller flower than Champion series but suitable for multi harvest stem production with pinching
- Annual flowering habit only requiring day length manipulation and moderate growing temperatures of 13°C
- As annual variety, Champion Pro series can be produced nearly year round depending on the geographical location
- Pelleted seed is offered for easy sowing



Champion Pro series



White



Lavender



Deep Blue



Pink



Light Pink



Fairway series

## FAIRWAY

**Coleus Extra Dwarf**

(*Solenostemon hybrida*)

**Seed Count** 3,500 seeds / gr

**Germination** 25°C - 5-7 days light favored

Raw

**Annual**

- Extra compact with excellent basal branching
- Very late flowering with vivid colored foliage
- Ideal for production in packs and 10 cm pots
- Recommended for hanging baskets, landscapes, window boxes and patio plantings
- Multi seed sowing / planting will give excellent performance and beautiful displays

Also available in Mix



Yellow



Orange



Mosaic



Rose



Red Velvet



Ruby

## SUPERFINE RAINBOW

**Coleus Semi Dwarf**

(*Solenostemon hybrida*)

**Seed Count** 3,500 seeds / gr

**Germination** 25°C - 5-7 days light favored

Raw

**Annual**

- Semi dwarf with excellent basal branching
- Very late flowering with vivid colored foliage
- Suitable for production in 10 cm pots or even larger sized pots
- Recommended for flower beds, mass / landscape plantings and combination pots

Also available in Masterblends pots



Volcano



Red Velvet



Festive Dance



Multicolor



Color Pride



Flamma Red with Bronze Foliage

# FLAMMA

**Celosia Plumosa Dwarf** (*Celosia argentea plumosa*)

**Seed Count** 1,600 seeds / gr **Raw**

**Germination** 25°C - 5-7 days light inhibited

**Annual**

- Dwarf celosias
  - Plants reach a height of 20 cm when grown in 10 cm pot
  - A lot of branching from bottom sides cover pot soil easily
  - Longer lasting flower color even under strong sunshine and hot conditions
  - Flamma Red is a 2021 Fleuroselect Approved Novelty
  - Flamma Orange is a 2022 All-America Selections Award winner
- Also available in Mix

**Flamma Pink :** The additional color in Flamma series, soft pastel pink flower color and very well branching from all sides of the plant



Pink PVP



Bright Red PVP



Golden PVP



Red PVP



Rose PVP



Red with Bronze PVP  
Foliage



Orange PVP



Flamma Pink



Flamma Grow Rose

# FLAMMA GROW

**Celosia Plumosa Semi Dwarf** (*Celosia argentea plumosa*)

**Seed Count** 1,400 seeds / gr **Raw**

**Germination** 25°C - 5-7 days light inhibited

**Annual**

- Semi dwarf celosias
- Attractive bright rose color
- Plant reach a height of 30 cm when grow in 10 cm pot
- Around 15 days later flowering and vigorous habit than Flamma series
- A lot of branching creating vigorous habit in the field
- Longer lasting flower color under strong sunshine and hot conditions



Rose PVP



Dragon's Breath Red



Dragon's Breath Red

## DRAGON'S BREATH RED

**Celosia Plumosa Semi Tall**

(*Celosia argentea plumosa*)

**Seed Count** 1,300 seeds / gr

**Germination** 25°C - 5-7 days light inhibited

Raw

**Annual**

- Extra late flowering type
- Attractive bright red color plumes and leaves
- Good performance under hot and humid conditions
- Less fertilizer and irrigation needed for smooth coloring of leaves
- Perfect choice for large containers and landscaping for bright red color
- Ideal as a summer and fall bedding plant in hot and humid conditions



Kimono series



Kimono series

# KIMONO

**Celosia Plumosa Super Dwarf**

(*Celosia argentea plumosa*)

**Seed Count** 1,500 seeds / gr

Raw

**Germination** 25°C - 5-7 days light inhibited

Annual

- Super dwarf celosias
- Plants reach a height of 15 cm when grown in 10 cm pots
- High density crop suitable for both pots and packs
- No plant growth regulator is required
- Excellent series uniformity
- Quick turnover of crops with 5 weeks crop time
- Multi seed sowing / planting will give excellent performance and beautiful, colorful displays
- Available in a wide range of attractive colors

Also available in Mix

## A MULTI SEED SOWING CULTURE FOR POTS

Ideal for low cost production method for mid summer and early fall sales

Direct sowing of 10-12 seeds in 15 cm pots

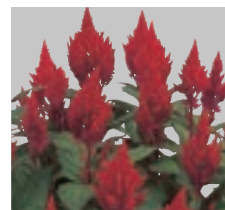
Direct sowing of 16 seeds in 25 cm pots

The result will be ready for sales after only 8-10 weeks

Kimono series is highly recommended as a multi sowing seed culture that can extend and create a new market for mid summer and early fall sales



Scarlet



Red (Bronze leaved)



Salmon Pink



Orange



Cherry Red



Rose



Yellow



Cream



Century Apricot Brandy

# CENTURY

**Celosia Plumosa Semi Tall**

(*Celosia argentea plumosa*)

**Seed Count** 1,350-1,500 seeds / gr

Raw

**Germination** 25°C - 5-7 days light inhibited

Annual

- Extra early and easy to grow
- Flowers approximately 80 days after sowing
- Produces large plumes measuring 20 cm in height on strong stems with sturdy branching
- Suitable for cut flower, semi tall flower beds and large containers
- Can be produced for commercial cut flowers with tight spacing culture
- Century Mix is a 1985 All-America Selections Award winner
- Century Apricot Brandy is a 1981 All-America Selections Award winner

# CHIEF

**Celosia Cristata Tall**

(*Celosia cristata*)

**Seed Count** 1,200 seeds / gr

Raw

**Germination** 25°C - 5-7 days light inhibited

Annual

- Produces large, uniform, globe shaped flower heads
- Very uniform growth
- Dense plantings produce strong stems and high quality cut flower
- Plant height is approximately 80 cm
- Highly suitable for cut flower during periods of high temperature



Fire Imp.

Gold



Rose

Carmine



Red (Bronze leaved)

Persimmon



Fire

Red (Bronze leaved)



Rose



Salmon Pink (Bronze leaved)



Yellow



Pink (Bronze leaved) **PVP**



Mix



Apricot Brandy

# PRESTIGE SCARLET

**Celosia Cristata Semi Tall**

(*Celosia cristata*)

**Seed Count** 1,500 seeds / gr

Raw

**Germination** 25°C - 5-7 days light inhibited

**Annual**

- Produces 7.5 cm large, globe shaped flowers in a bright scarlet color (Do not transplant aged rooted young plants, otherwise smaller globe shaped flowers)
- Attractive bronze green leaves
- A good crop to use in flower beds or containers
- Flower and plant habit are highly uniform, growing to 30 cm in height
- Ideal for summer and fall bedding plant in hot and humid conditions
- Prestige Scarlet is a 1997 All-America Selections Award winner



Prestige Scarlet

# DIAMOND

**Dianthus F<sub>1</sub> Hybrid Dwarf**

(*Dianthus hybrida*)

**Seed Count** 800-1,500 seeds / gr

Raw

**Germination** 20°C - 5-7 days cover lightly

**Annual & Biennial**

- Early flowering variety, simultaneous flowering on main and lateral stems in pots and beds
- Flower size is 4 cm in diameter
- Superb garden performance in spring and fall
- Uniform plant habit and narrow flowering window
- Diamond Blush Pink is a unique color that changes from white to pink, turning rose as it matures

Also available in Mix



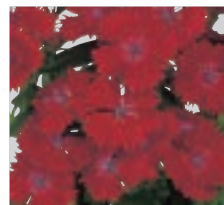
Diamond series



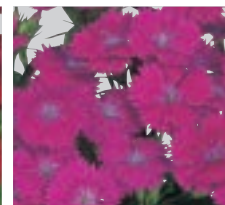
Mix



Scarlet Imp.



Carmine Rose



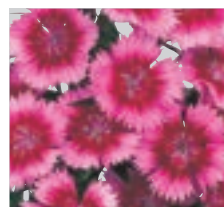
Purple



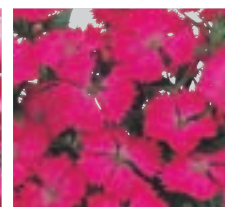
Coral



Purple Picotee



Crimson Picotee



Pink



Blush Pink



Candle Light Blue Shades

# CANDLE

**Delphinium Elatum F1 Hybrid**

(*Delphinium elatum*)

**Seed Count** 350-500 seeds / gr

Raw

**Germination** 15°C - 10-14 days light inhibited

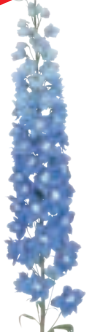
**Perennial**

- Second flush can be harvested earlier than other common varieties
- Annual flowering : No long day length treatment is required for flower initiation
- High uniformity and narrow flowering window
- It is best to maintain the night temperature around 15°C with day temperatures from 18-21°C
- New second flush will appear every 10-12 weeks if optimum temperature (15-25°C) is maintained and the plants receive a minimum of 10 hours daylight
- Higher light levels, longer photoperiod and higher temperature will accelerate flowering time, but also decrease plant height

**Candle Blue Shades Imp. :** Maintain strong stems and good volume. It is less likely to get early bolting compared to Candle Blue Shades

**Candle Lavender Shades Imp. :** It shows better uniformity and develops volume more easily than Candle Lavender Shades. The second flush also comes up well, and the plants do not form rosette easily.

NEW



Blue Shades Imp.

NEW



Lavender Shades Imp.



Light Blue Shades



White Shades Imp.



Blue Shades



Violet Shades Imp.

NEW



Deep Pink



Blue



Light Pink

# PLANET

**Delphinium Chinensis F1 Hybrid**

(*Delphinium grandiflorum*)

**Seed Count** 600 seeds / gr

Raw

**Germination** 15°C - 10-14 days light inhibited

**Perennial**

- Chinensis type
- Single flowering and sturdy stems for casual cut flower use
- Also fits for large size pot production with plant growth regulators
- Abundant flowers with spray habit
- Early flowering for fall season

**Planet Deep Pink :** The deeper pink color compared to Planet Light Pink, creates a striking contrast in cut flower arrangements



Condor Red



Condor series

# CONDOR

Flowering Cabbage F1 Hybrid Tall Round Leaved (*Brassica oleracea*)

Seed Count 300 seeds / gr

Germination 21°C - 4-7 days light favored

Raw

Annual

- Easier to get plant height than other market varieties
- Less bending at the bottom part of the stem for taller higher quality cut flower production
- Compact head is suitable for shipping
- Also fits for pot production with plant growth regulators
- Condor Pure White shows white with light pink center color
- Condor White has a beautiful flower shape with good contrast of pink and white



Condor series



Red



White



Pure White



Osaka<sup>iQ</sup> Rosy Red



Osaka<sup>iQ</sup> series



Osaka<sup>iQ</sup> White

## OSAKA<sup>iQ</sup>

Flowering Cabbage F1 Hybrid Dwarf Wavy Leaved (*Brassica oleracea*)

Seed Count 280 seeds / gr

Germination 21°C - 4-7 days light favored

Raw

Annual

- This variety is improved across all series characteristics, especially the advantage of early coloring for earlier season sales
  - Many wavy edged round leaves with tight compact heads
  - Naturally compact plants with minimal stretching, typically requiring no plant growth regulators, only limited use in certain climates
  - Earlier to color for shorter crop cycle
  - Produces high quality plants with good uniformity
  - Combine with Pansy, Viola, Stock, and Gypsophila for a spectacular color
- Also available in Mix

**Osaka<sup>iQ</sup> Rosy Red** : Green outer leaves and a bright rosy red colored center. Excellent color contrast with Osaka iQ White



Red



Rosy Red



White



Pink Bicolor



Sapporo Fringed White, Condor series, Nagoya series, Osaka IQ series



Sapporo Fringed Red

**NEW**

## SAPPORO FRINGED

Flowering Kale F1 Hybrid Dwarf Fine Cuts Leaved (*Brassica oleracea*)

Seed Count 230 seeds / gr

Germination 21°C - 4-7 days light favored

Raw

Annual

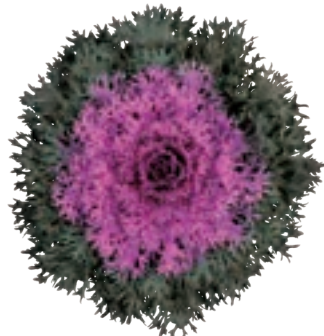
- Having fine cuts in the leaves, like feathers, creating a new and unique appearance
- The plants exhibit a uniform and tidy appearance, with their leaves quickly changing color, so it is easy to plan the shipping schedule
- Despite having numerous leaves, the plants remain compact, creating a well filled pot and providing excellent soil coverage
- Naturally compact plants with minimal stretching, typically requiring no plant growth regulators, only limited use in certain climate



Sapporo Fringed White



White



Red



Nagoya series

# NAGOYA

Flowering Kale F<sub>1</sub> Hybrid Dwarf Fringed Leaved (*Brassica oleracea*)

Seed Count 230 seeds / gr

Germination 21°C - 4-7 days light favored

Raw

Annual

- Produces attractive colorful fringed kale leaves
- Uniform plant habit and growth
- Responds well to plant growth regulators
- Lower the temperature to promote coloring of the leaves
- Cultivation in 10-15 cm pots is recommended
- Suitable for fall to winter combined with Pansy and Viola
- Long lasting cool season bedding plant that also adds interest to fall containers and color bowls with its colorful, well fringed leaves.

Also available in Mix



Nagoya White & Pink



White

Rose

Red



Red Imp.

White & Pink



Yokohama series

# YOKOHAMA

Flowering Kale F<sub>1</sub> Hybrid Dwarf Unique Leaved (*Brassica oleracea*)

Seed Count 230 seeds / gr

Germination 21°C - 4-7 days light favored

Raw

Annual

- Unique elliptic strong fringed leaf makes a new image than before
  - Compact habit which does not require plant growth regulators
  - Strong cold tolerance leads to less leaf damage
  - Late bolting plants that can be kept in the field for a long time in spring
- \*Yokohama series coloring is later than Nagoya which require extra cold temperature periods



White

Red

# GRACE

## Godetia F<sub>1</sub> Hybrid Tall

(*Clarkia amoena*)

**Seed Count** 1,500-2,000 seeds / gr

Raw

**Germination** 20°C - 5-7 days light inhibited

### Annual & Biennial

- First F1 hybrid Godetia
- Produces cut flowers, measuring 70-80 cm in height
- Lateral branching produces up to 15 stems each carrying 5-6 solid clusters of flowers
- The branching and flower formation makes Godetia suitable for high density packing, and shipping over long distances
- Godetia is a dry and cool temperature loving plant
- Best grown at 15-18 °C in the day and 10°C at night
- Ideal temperature should not exceed more than 25°C
- This variety, depending on climate, can be grown all year round with the use of day length manipulation
- This is also an excellent cut flower for home garden marketing program

Also available in Mix



White



Salmon



Shell Pink



Red



Lavender



Rose w/Pink



Grace series

# SATIN

## Godetia F<sub>1</sub> Hybrid Dwarf

(*Clarkia amoena*)

**Seed Count** 1,500-2,000 seeds / gr

Raw

**Germination** 20°C - 5-7 days light inhibited

### Annual & Biennial

- Uniform plant habit and early flowering
- Good basal branching
- Responds well to plant growth regulators
- Flower size measures approximately 5 cm in diameter
- An outstanding performer as a 10-15 cm pot plant item
- Flowers profuse at an approximate height of 17-20 cm



Only available in Mix

Mix



Satin series



Festival series

## FESTIVAL

Gerbera F<sub>1</sub> Hybrid Dwarf

(*Gerbera jamesonii*)

Seed Count 250 coated seeds / gr

Coat

Germination 20-25°C - 5 days light inhibited

Annual

- High percentage of first quality marketable plants
- Cost effective pot gerbera series
- Strong "flower power" with multiple flowers, providing more color on the plant at the point of sales
- Suitable for production in pot sizes from 10-15 cm
- Narrow flowering window across all colors, making crop programming, crop handling and shipping much easier
- Colorful and very decorative pot plant addition to patio containers and garden displays
- Coated seeds for easier machine sowing and high visibility in the tray



Salmon



Red w/Eye



Neon Rose w/Eye



Golden Yellow w/Eye



Scarlet w/Eye



Cherry w/Eye



Durora series

## DURORA

Gerbera F<sub>1</sub> Hybrid Dwarf

(*Gerbera jamesonii*)

Seed Count 300 coated seeds / gr

Coat

Germination 20-25°C - 5 days light inhibited

Annual

- Attractive double flowers age slower than other varieties
  - Provides over 90% of double flowered blooms
  - Early, compact and easy to grow pot Gerbera for production in 9-11 cm pot
  - Can be marketed in 8-10 weeks from potting, depending on local growing conditions
- Only available in Mix

# MAJORETTE

Gerbera F<sub>1</sub> Hybrid Dwarf

(*Gerbera jamesonii*)

Seed Count 250 coated seeds / gr

Coat

Germination 20-25°C - 5 days light inhibited

Annual

- A lot of large flowers on very sturdy non-stretching stems
  - Best uniformity within the series on the market
  - Highly versatile series, narrow flowering window across all colors, making crop programming, crop handling and shipping much easier
  - Good plant habit makes body even under hard conditions to grow
  - Bright colors and healthy green foliage lasting for a long time
  - Colorful and very decorative pot plant addition to patio containers and garden displays
  - Coated seeds for easier machine sowing and high visibility in the tray
- Also available in Mix



Majorette series



Bright White Dark Eye



Orchid Dark Eye



Red Dark Eye



Majorette Orchid Dark Eye



Red Bicolor Dark Eye



Orange & Yellow Bicolor Dark Eye



Sunset Orange



Yellow Dark Eye Imp.



Avanti Blue



Brocade Blue

## AVANTI

Gloxinia F1 Hybrid

(*Sinningia speciosa*)

Seed Count 2,700 pellets / gr

Pellet

Germination 25°C - 10-14 days light favored

Annual

- An early, single flowered series
  - Flowers bloom just above the foliage on short, sturdy stems
  - Offers in wide color assortment
  - Small flexible leaves for high density production make it easier to sleeve and ship the plants
  - Recommended for 10-12 cm pot production
  - Center flowering with up face flowers
- Also available in Mix



White



Blue



Scarlet



Peach Rose



Red w/ White Edge



Blue w/White Edge



Light Violet w/Dark Throat

## BROCADE

Gloxinia F1 Hybrid All Double

(*Sinningia speciosa*)

Seed Count 25,000 seeds / gr, 2,500 pellets / gr

Raw & Pellet

Germination 25°C - 10-14 days light favored

Annual

- 100% double flowered series
  - Compact series with small leaves for easy packing and shipping
  - Recommended for 10-12 cm pot production
  - Pelleted seed is available for Mix
- Also available in Mix



Blue



Red



Blue & White



Red & White



Mix



Gypsy Deep Rose & White



Gypsy Deep Rose

# GYPSY

**Gypsophila**

(*Gypsophila muralis*)

**Seed Count** 25,000 seeds / gr, 350 M-pellets / gr

Raw

M-Pellet

**Germination** 20°C - 7 days light favored

**Annual**

- Gypsy series has rich, countless flowers on compact, airy plants
- For packs, pots and hanging baskets
- Easy to grow
- Good shelf life
- Raw seed and multi-pellet are available
- Gypsy Deep Rose is both a 2003 Fleuroselect Approved Novelty, and a 2004 All-America Selections Award winner
- Gypsy White is both a 2018 Fleuroselect Approved Novelty, and a 2018 All-America Selections Award winner
- Gypsy Pink Imp. is a 2023 Fleuroselect Approved Novelty



Gypsy series



**Pink Imp.**  
Includes single, semi-double and double flowers within the plant



**White**  
(Single to double flowers) **PVP**



**Deep Rose**  
(Semi-double flowers)



Mirror Ball series



Mirror Ball White



Mirror Ball series

# MIRROR BALL

**Gomphrena Semi Dwarf**

(*Gomphrena globosa*)

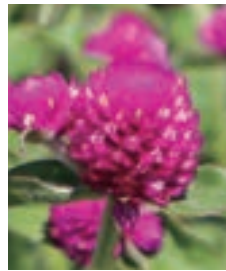
**Seed Count** 330 seeds / gr

**Germination** 20-25°C - 7 days cover lightly

Clean

**Annual**

- Genetically compact habit, many branches from bottom side
- Around 30 cm plant height
- Reducing the need for plant growth regulators and pinching thanks to genetical compact habit than Ping Pong series
- Clean seed is available for easy sowing
- 1 weeks earlier flowering than Ping Pong series
- Less fading flower color under strong sunshine in hot or cool climates



Purple

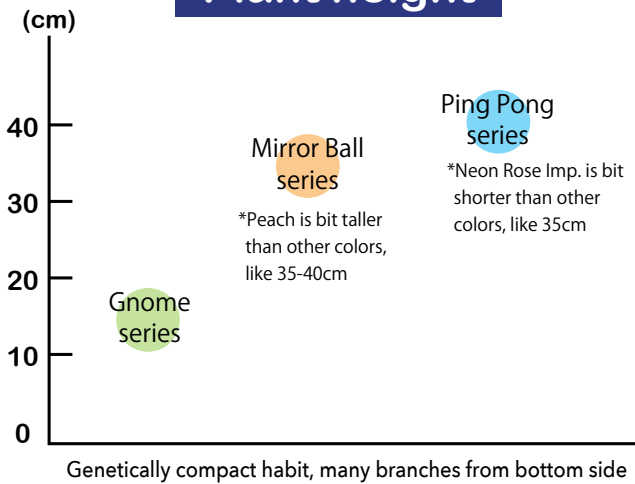


Peach



White

## Plant height



Gnome

Mirror Ball

Ping Pong

# PING PONG

## Gomphrena Semi Tall

(*Gomphrena globosa*)

**Seed Count** 330 seeds / gr

Clean

**Germination** 20-25°C - 7 days cover lightly

Annual

- Around 40 cm plant height
  - Large flower size
  - Strong stems, good for bedding, patio container and cut flower usages
  - Excellent garden performance flowering well even under hot conditions
  - Less fading flower color under strong sunshine in hot or cool climates
  - Clean seed is available for easy sowing
- Also available in Mix



Ping Pong series



Neon Rose Imp. (PVP)



Lavender (PVP)



White (PVP)

# GNOME

## Gomphrena Extra Dwarf

(*Gomphrena globosa*)

**Seed Count** 330 seeds / gr

Clean

**Germination** 20-25°C - 7 days cover lightly

Annual

- Around 15 cm plant height, with globe shaped flower heads
  - Quick crop turnover (4-6 weeks) creates further opportunities for sales after the main bedding plant season
  - Easy to grow in pot even under hot conditions
  - Less fading flower color under strong sunshine in hot or cool climates
  - Flowers tirelessly throughout the summer
  - Very versatile, suitable for bedding plants, patio containers and many other usages
  - Ideal for pot plants and mixed bowls
  - Suitable for spring to early fall sales
  - Clean seed is available for easy sowing
- Also available in Mix



Gnome series



White



Purple (Buddy)



Pink

# CONFETTI COMPACT

**Hypoestes Dwarf**

(*Hypoestes phyllostachya*)

**Seed Count** 900 seeds / gr

Raw

**Germination** 20°C - 7 days cover lightly

Annual

- Unique patterned foliage makes an attractive addition to mixed bowls or containers
- Quick crop turnover after approximately 8 weeks, depending on pot size
- Compact mounding plant habit allows production of more plants per square meter
- Low maintenance plant with highly decorative foliage
- Minimal application of plant growth regulators enhances the deepness of the color
- White has a clear and pure background with the veins standing out with good color contrast
- Easy to grow pot plant that gives excellent performance as a houseplant in window boxes, patio pots and mixed containers
- Highly suitable for production from spring to fall

Also available in Mix

Confetti  
COMPACT



Confetti Compact series



Pink



White



Red



Rose



Upright Yellow

# MYSTIC

Mimulus F1 Hybrid

(Mimulus hybrida)

Seed Count 800 pellets / gr

Germination 20°C -7 days light favored

Pellet

Annual

- Very early variety with free flowering habit
  - High germination
  - Compact series with a highly uniform plant habit
  - Responds well to plant growth regulators
  - This variety shows well in hanging basket
  - Due to being a cool crop, it requires little to no heat, leading to less production cost
- Only available in Mix

# UPRIGHT YELLOW

Multicaule Semi Dwarf

(Coleostephus multicaulis)

Seed Count 700 seeds / gr

Germination 15-20°C - 7-10 days light favored

Raw

Annual

- The improved variety of Multicaule Yellow (common type) by keeping upright habit and no spreading
- Attractive bright yellow flower color are good combinations with Pansy and Viola for spring gardens
- Due to the upright habit, better transportability and display with high density at the retail shops



Mystic series

# NEBULA

Nemesia F1 Hybrid

(Nemesia strumosa)

Seed Count 5,000 seeds / gr

Germination 20°C -10 days light inhibited

Raw

Annual

- First F1 hybrid Nemesia
- Floriferous flowering habit with large flower size
- High germination
- Excellent basal branching habit
- Long flowering performance
- Due to being a cool crop, it requires little to no heat, leading to less production cost
- Suitable for 10-12 cm pot cultures

Also available in Mix



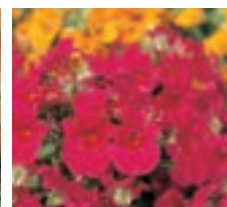
Upright Yellow **PVP**



White



Yellow



Rose



Rosy Red



Bronze

# SUMMARY OF SAKATA'S F1 HYBRID PANSY & VIOLA

A pioneer and the world's leading breeder and supplier of Pansy seed, SAKATA was the first to introduce F1 hybrid Pansy, winning world wide acclaim for its quality among both growers and gardeners. To assist in the selections of the numerous varieties now available, each with its specific use, the following brief summary is provided to aid growers in choosing the right series most suited for their areas and particular market purposes. Sakata's hybrid Pansy can be sown for both fall and spring plantings.



Grandio Deep Blue w/Blotch Imp.



Majestic Giants II White w/Blotch Imp. '20



Perfetto series



Grandissimo Rose w/Blotch imp.

## **EXTRA LARGE SIZED FLOWER**

### **Majestic Giants II series**

Extra Large flowers measuring 10 cm in diameter

Heat and cold resistant. Highly popular and top selling series

Continuous flowering with huge flower size, during fall, winter and spring



## **LARGE SIZED FLOWER**

### **Grandio series**

Large flowers measuring 8 cm in diameter

Less stretching plants even under the high temperature conditions

Long shelf life with flowers in late fall

Continuous flowering with large flower size, during fall, winter and spring



## **MEDIUM SIZED FLOWER**

### **Ultima series**

Medium flowers measuring 6cm in diameter

The unique color patterns and special color Mixes

Highly floriferous, with dwarf compact plant habit



## **SMALL SIZED FLOWER**

### **Grandissimo series**

Approximately 4 cm in diameter flower size.

Larger flowers than standard Viola which has more color assortment and many flowers per plant.

A compact and well branched plant habit (under hot condition) without plant growth regulators



## **EXTRA SMALL SIZED FLOWER**

### **Perfetto series**

Flower measuring 3 cm in diameter

Free flowering with excellent uniformity

Wonderful performance





Blue & White Imp.



White w/Blotch Imp. '20



Yellow w/Blotch Imp.



Purple & Yellow



Mid Blue w/Blotch



Deep Blue w/Blotch Imp. '21



Majestic Giants II Blue & White Imp.

Majestic Giants II Deep Blue w/Blotch Imp. '21

## MAJESTIC GIANTS II

Pansy F<sub>1</sub> Hybrid

(*Viola wittrockiana*)

Seed Count 700 seeds / gr

Raw

Germination 20°C - 7-10 days light favored

Annual & Biennial

- Maintains huge flower size and less stretching habit under hot conditions for fall and late spring sales
  - Little to no plant growth regulators required under hot / humid conditions
  - Genetically compact and well branched habit quickly fills up pot
  - Broadest color range including unique shades of color in extra-large flowered Pansy segment
  - Quick turnover for increased profit
  - Long shelf life due to continuous flowering under stressful conditions
  - Prolific flowering power, allowing plants to maintain continuous flowering throughout the fall to spring season
- Also available in Mix

**Majestic Giants II Clear Scarlet :** Long-awaited additional clear color to the series! Bright scarlet flower color especially in fall season



Red w/Blotch Imp.



Fire



Rose w/Blotch Imp.



Purple w/Blotch Imp.



Blue Jeans



Marina



Clear Yellow Imp.



Clear Scarlet



Clear White Imp.



Lavender Shades



Clear Purple



Grandio series

# GRANDIO

Pansy F<sub>1</sub> Hybrid

(*Viola wittrockiana*)

Seed Count 700 seeds / gr

Raw

Germination 20°C - 7-10 days light favored

Annual & Biennial

- Large size, about 8 cm flowers
  - Improved series of Dynamite series
  - Available in broad range of blotch and clear colors
  - Little to no plant growth regulators required under very hot / humid conditions
  - Superb floriferousness even under the short day length conditions
  - Less stretching habit under hot conditions for fall and late spring sales
  - Long shelf life with flowers in late fall
  - Gives a continuous blooming of large sized flowers during the fall, winter and spring
- Also available in Clear Mix and Blotch Mix

**Grandio Blue & White Shades Imp.** : More compact plant habit, slightly earlier and deeper flower color than Grandio Blue & White Shades

**Grandio True Blue Imp. '26** : Earlier flowering than Grandio True Blue and market varieties with better plant habit and less stretching even under the hot condition



White w/Blotch Imp.



White w/ Rose Blotch



Red w/Blotch



Rose w/Blotch



Yellow w/Blotch Imp.



Deep Blue w/Blotch Imp.



Blue w/Blotch Imp.



Blue & White Shades Imp.



Blueberry Thrill



Masquerade



Beacon Rose



Beacon Blue Imp.



Grandio Clear Rose & White w/Rose Blotch



Grandio Blue & White Shades Imp.



Clear White



Primrose Shades



Clear Golden Imp.



Deep Orange



Clear Scarlet Imp.



Clear Rose Imp.



Clear Purple



True Blue Imp. '26



Silver Blue



Lavender Shades



Grandissimo Blue Jeans



Grandissimo Rose w/Blotch Imp.

# GRANDISSIMO

Pansy F1 Hybrid

(*Viola wittrockiana*)

Seed Count 900 seeds / gr

Raw

Germination 20°C - 7-10 days light favored

Annual & Biennial

- Larger flowers than standard Viola, approximately 4 cm in diameter flower size
- Excellent for landscape and patio pot use
- Compact habit so good to combine with other crops for mix containers
- Available in broad range of blotch and clear colors
- A compact, well branched plant habit requires less or no plant growth regulators even under hot conditions
- Keeping compact habit allows long shelf life and early fall production
- The ideal series for flowering under short day and low temperature conditions
- Floriferousness from fall to spring
- Also available in Mix

**Grandissimo White :** Slightly vigorous but less stretching plant habit and larger flower size than Grandissimo Popcorn. Pure white flower with stable yellow center

**Grandissimo Yellow w/Blotch Imp. :** The additional color in the Grandissimo series, stable blotch size

**Grandissimo Blue Jeans :** The additional color in the Grandissimo series, unique bluish blotch color with some color variation

**Grandissimo Rose w/Blotch Imp. :** Compact plant habit, greater uniformity, enhanced bright flower color and a slightly later flowering than Grandissimo Rose with Blotch



Popcorn



Clear Yellow



Scarlet



Clear Purple



Grandissimo Purple Glow



Grandissimo White



White



Yellow w/Blotch Imp.



Blue Jeans



Rose w/Blotch Imp.



Lemon Splash



Clear Orange



Purple Glow



Yellow Jump Up



Icy Blue



Berry Pie



Grandissimo series



Ultima Radiance Lilac

# ULTIMA RADIANCE

Pansy F<sub>1</sub> Hybrid

(*Viola wittrockiana*)

Seed Count 800 seeds / gr

Raw

Germination 20°C - 7-10 days light favored

Annual & Biennial

- Innovative colors to make your assortment more attractive and to differentiate from the standard colors
- Something unique in the medium sized flower segment
- Compact and well branched plant habit
- Each variety shows shade colors for example, from mono color to flashing color
- Strong color shades make beautiful contrast to brighten up patio containers and garden beds
- Ultima Radiance Deep Blue is a 2004 Fleuroselect Approved Novelty



Ultima Radiance Pink Imp.



Violet



Deep Blue



Red



Lilac



Pink Imp.



Morpho Imp.

# ULTIMA

Pansy F<sub>1</sub> Hybrid

(*Viola wittrockiana*)

Seed Count 850 seeds / gr

Raw

Germination 20°C - 7-10 days light favored

Annual & Biennial

- Attractive and unique flower color of a bright, pastel blue with a yellow center
- This variety was named after the rare and beautiful butterfly with the same exotic coloring that was discovered in Costa Rica



Grandissimo Blue Jeans



Grandissimo series



Grandissimo series

# PANSY



Grandissimo series





Perfetto Blue & White Imp.

# PERFETTO

Viola F1 Hybrid

(Viola wittrockiana)

Seed Count 1,000 seeds / gr

Raw

Germination 20°C - 7-10 days light favored

Annual & Biennial

- A Viola that maintains a balanced, compact form without stretching, offering outstanding performance in pot
- Excellent series uniformity
- Available in broad range of blotch and clear colors
- Early and free flowering through fall to spring season
- Excellent garden performance with an abundance of up faced flowers during the winter season in mild climate regions

**Perfetto Red :** The additional color in the Perfetto series, slightly shades color

**Perfetto True Blue :** Additional color in Perfetto series, bright True Blue flower color !



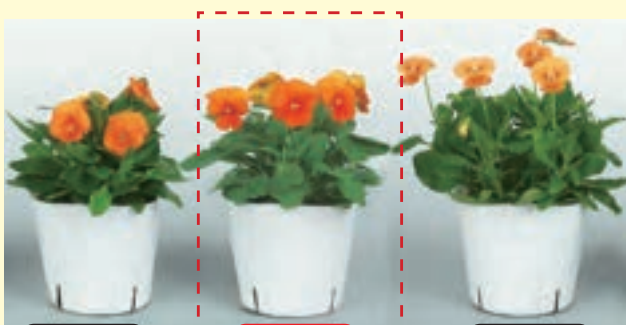
Red



True Blue

## Perfetto's pick up point

### Wonderful pot performance!



Comparison A

Too compact habit looks poor performance

Perfetto

Continuous flowering with compact habit

Comparison B

Easy to stretch

Excellent pot performance even under high temperature conditions.

The balanced plant covers pot soil naturally without stretching habit.

Perform and flower especially well with series uniformity.



Perfetto series



Perfetto Purple Face



Clear Yellow



Rose w/Blotch



Pink Shades



Pink Picotee



Yellow w/Blotch



Deep Orange



Yellow



Blue & White Imp.



Blue Flash



Purple Face



Deep Marina



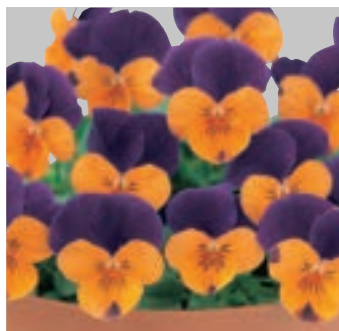
Red & Yellow



Blue

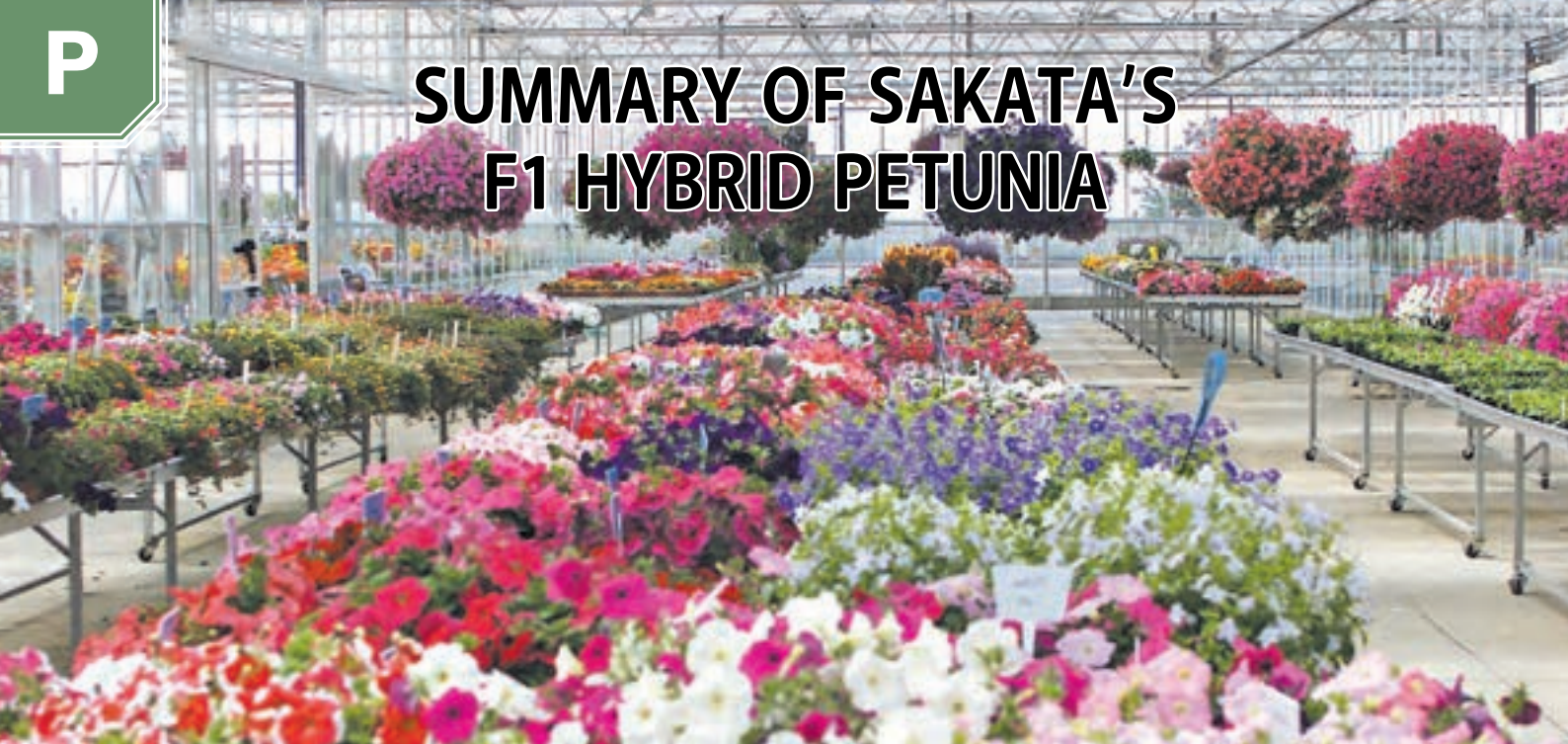


Lavender YTT



Orange Jump Up

# SUMMARY OF SAKATA'S F1 HYBRID PETUNIA



## GRANDIFLORA F1 HYBRID 7.5 cm

## MULTIFLORA F1 HYBRID 6.5 cm

### Eagle series

Eagle series flowers 4 days earlier than Falcon series in packs. The plant habit is compact with an excellent branching to cover a pot.

The Eagle series is very floriferous and will maintain it's less stretching habit in a field.

### Falcon series

Most favorite series. Easy to produce and early to ship within 5 days flowering window across all colors in the series.

Can be grown under a broad range of climatical and production conditions.

### Hulahoop series

Extra early flowering, highly uniform picotee marked series.

Falcon version of picotee petunias in colors of Red, Blue, Rose, Velvet and Burgundy all with true white edges.

### Puffin series

Better weather tolerance than the other current Grandiflora Petunia series in the market.

Holds up well in inclement weather and flowers recover quickly after rain.

Botrytis intermediate resistance type, strong flower petal quality.

### Merlin series

An extra early flowering multiflora series. Highly uniform and compact growing series. Flowers continuously over a long period of time.

### Fenice series

Better weather tolerance than the other current multiflora Petunia series in a market.

Fenice series holds up well in inclement weather, recovers flowers quickly after rain.

Botrytis intermediate resistance type.

### Explorer series

This series is a spreading type petunia which is earliest to flower in the spring and will continue to flower even under the short days in fall.

Flower petal has a shiny iridescent waxy texture, which repels water. Explorer series have tremendous flower power.

The plants have a spreading habit and can easily cover 80-100 cm. / 3 ft. in diameter. Available in 10 colors.

### Victorious Mixed



Eagle series



Merlin series



Puffin series



Fenice series

*In the 1930s, Sakata took full advantage of technique to produce F1 Hybrid varieties and the first All Double F1 Petunia "Victorious Mixed," won a prize at the All-America Selections (AAS).*

*After that Sakata has continued to breed Petunia, developing varieties that were increasingly marketable, early blooming, compact, and with higher germination quality.*

*Fenice and 2022 New Puffin series have compact pot performance and excellent field performance with highly rain resistance than current varieties in the field, therefore we could say that Fenice and Puffin series are next generation with further additional value.*



Puffin Purple



Puffin Pink Morn

# PUFFIN

**Petunia F1 Hybrid Grandiflora**

(*Petunia hybrida*)

**Seed Count** 7,000-11,000 seeds / gr, 700-900 pellets / gr Raw & Pellet

**Germination** 25°C - 7 days light favored

**Annual**

- Grandiflora type with flower size approximately 7.5cm in diameters
- Excellent weather tolerance suitable for landscaping
- Botrytis intermediate resistance type, strong flower petal quality

- Plants hold up in inclement weather and flowers recover quickly after rain

Also available in Mix



Puffin Blue



White



Red



Blue



Mid Blue



Pink Morn



Pink



Rose



Purple



Fenice series



White



Red



Pink



Light Rose



Magenta



Purple



Blue Imp.



Blush Pink



Silver White



Blue Vein



Pink Morn



Red Vein

## FENICE

**Petunia F<sub>1</sub> Hybrid Multiflora**

*(Petunia hybrida)*

**Seed Count** 7,000-11,000 seeds / gr, 700-900 pellets / gr **Raw & Pellet**

**Germination** 25°C - 7 days light favored

**Annual**

- Multiflora type with a flower size of approximately 6.5 cm in diameter
- Excellent weather tolerant multiflora for landscaping
- Botrytis intermediate resistance type, strong flower petal quality
- Plants hold up in inclement weather and flowers recover quickly after rain

Also available in Mix



Fenice Blue Vein, Red Vein



Fenice series



Fenice Silver White



Fenice Pink Morn



White



Magenta



Cherry Rose



Rose Picotee



Burgundy Picotee



Blue Picotee



Red Picotee



Pink Vein



Plum Vein



Pink Morn



Rose Morn



Red Morn Imp.



Blue Morn

## MERLIN

**Petunia F<sub>1</sub> Hybrid Multiflora**

*(Petunia hybrida)*

**Seed Count** 7,000-11,000 seeds / gr, 700-900 pellets / gr **Raw & Pellet**

**Germination** 25°C - 7 days light favored

**Annual**

- Multiflora with a flower size of approximately 6.5 cm in diameter
- Maintains less stretching habit and compact plant habit throughout the flowering season
- Excellent series uniformity
- Merlin Blue Morn is a 2002 Fleuroselect Approved Novelty and a 2003 All-America Selections Award winner
- Merlin Pink Morn is a 1996 Fleuroselect Approved Novelty

Also available in Mix, Morn Mix and Picotee Mix



Eagle series

Eagle Rose

# EAGLE

**Petunia F<sub>1</sub> Hybrid Grandiflora**

(*Petunia hybrida*)

**Seed Count** 7,000-11,000 seeds / gr, 700-900 pellets / gr Raw & Pellet

**Germination** 25°C - 7 days light favored

**Annual**

- Large flowers, measuring approximately 7.5 cm in diameter
- Extra early flowering variety with the best uniform flowering window in the series
- Compact with an excellent branching habit
- Maintains its less stretching habit well in gardens and at retail
- Ideal for usage in baskets, containers / pots, and for large scale bedding purposes

Also available in Mix



White



Red



Pink



Rose



Salmon Imp.



Pastel Pink



Blue



Pink Vein



Plum Vein



Eagle White





Falcon series

## FALCON

**Petunia F<sub>1</sub> Hybrid Grandiflora**

*(Petunia hybrida)*

**Seed Count** 7,000-11,000 seeds / gr, 700-900 pellets / gr **Raw & Pellet**

**Germination** 25°C - 7 days light favored

**Annual**

- Large flowering series measuring approximately 7.5 cm in diameter
- Best uniform flowering window in the series
- A proven high overall performance as a bedding plant

- Grows well under a broad range of climates and production conditions

Also available in Mix



White



Red



Rose



Deep Rose



Burgundy



Blush Pink



Red & White



Blue



Mid Blue

## HULAHOO

**Petunia F<sub>1</sub> Hybrid Grandiflora**

*(Petunia hybrida)*

**Seed Count** 9,000-11,000 seeds / gr, 700-900 pellets / gr **Raw & Pellet**

**Germination** 25°C - 7 days light favored

**Annual**

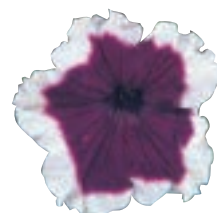
- Large flowering series measuring approximately 7.5 cm in diameter
- Early flowering picotee patterned Petunia

- A proven high overall performance as a bedding plant
- May show some color variation under certain conditions

Also available in Mix



Burgundy



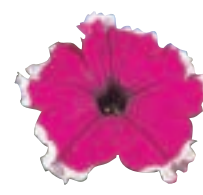
Blue



Rose



Red



Velvet



Explorer series



Explorer Lavender

# EXPLORER

**Petunia F<sub>1</sub> Hybrid**

(*Petunia hybrida*)

**Seed Count** 700-900 pellets / gr

Raw & Pellet

**Germination** 25°C - 7 days light favored

**Annual**

- Flower size is approximately 5-7.5 cm in diameter
- Its spreading and trailing habit can easily cover an area of 80-100 cm suitable for groundcover for landscapers
- Tremendous flowering power
- Early flowering in the spring and continues flowering even under short day length condition in fall
- Salinity tolerance, making this variety superb for seaside / coastal plantings
- Only pelleted seed is available for easy sowing



Clear White



Scarlet



Pink



Rose



Rose Pink



Magenta



Purple



Coral



Blue



Lavender

# SUMMARY OF SAKATA'S F1 HYBRID PRIMULA

**Market leader in quality and assortment to meet the global demands of diverse markets and customers**

Sakata's Primula breeding extends across a wide range of varieties, from large to miniature flower and from extra early to later flowering. Our Primula varieties also offer an equally extensive color range well able to cover world wide customer demands.

## Aubade

- Earliness of flowering : Early
- Continuous flowering from multiple flower stems as polyanthus type
- Longer flower stems induce less risk of Botrytis damages



Aubade series

## Princessa

- Earliness of flowering : Middle Early
- Flower size : Extra Large
- Significantly Large flower sizes, nearly twice of regular acaulis type
- Require less cold temperature for flower initiation compared with the other series



Princessa series

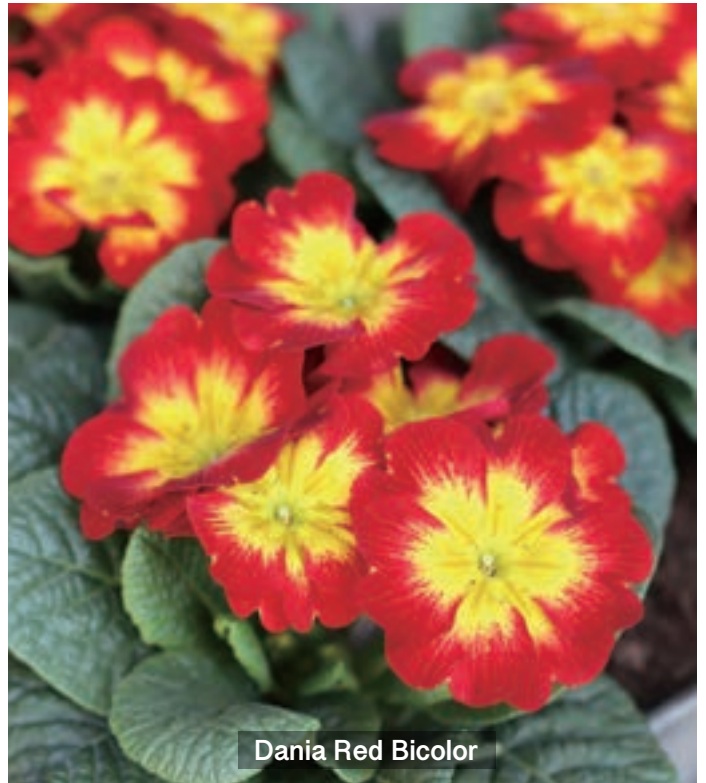
## Danessa

- Earliness of flowering : Extra Early
- Flower size : Middle
- Suitable for the earliest shipment as less low temperature required to flower



## Dania

- Earliness of flowering : Early
- Flower size : Large
- More natural compact habit without plant growth regulators
- Extreme uniformity in plant habit, flower size and flowering time



## Danova

- Earliness of flowering : Middle
- Flower size : Large
- Market leader Primula variety in the world



## Pageant

- Earliness of flowering : Early
- Flower size : Middle
- Offers in wide color assortment, including bicolor

## Prima

- Malacoides type
- Flowering well above the foliage





Aubade White



Aubade Scarlet



Aubade series

## AUBADE

Primula Polyanthus F<sub>1</sub> Hybrid Early

(*Primula polyanthus*)

Seed Count 1,200 seeds / gr

Raw

Germination 15-20°C - 14 days light favored

Annual

- Early flowering
- Good outdoor performance
- Continuous flowering from multiple flower stems
- Less flower abortion under heat stressed conditions
- Longer flower stems induce less risk of Botrytis damages

Also available in Mix



Rose



White



Blue



Scarlet



Yellow



Rose



Pink



Princessa series

# PRINCESSA

**Primula Acaulis F1 Hybrid Middle Early**

(*Primula acaulis*)

**Seed Count** 1,300 seeds / gr

**Raw**

**Germination** 15-20°C - 14 days light favored

**Annual**

- Middle early flowering
  - Significantly large flower size, nearly twice of regular acaulis type
  - Require less cold temperature for flower initiation compared with the other series
  - Vigorous habit, suitable for 10.5-12 cm pots and packs
  - Longer lasting flower due to thick flower petal
  - Colorful assortment for garden and patio, giving more choice to the consumers from late fall to spring
- Also available in Mix



Sweet 16



White



Blue



Scarlet



Golden



Pink



Rose



Danessa series



Danessa series



Pink Bicolor Imp.



Apricot w/Rose Eye



Yellow



Pink Rose Eye



Primrose



Golden Shades



Blue Imp.

## DANESSA

Primula Acaulis F1 Hybrid Extra Early

(*Primula acaulis*)

Seed Count 1,000 seeds / gr

Raw

Germination 15-20°C - 14 days light favored

Annual

- Extra early flowering
- Heat tolerant Primula
- Requires less cold temperature for flower initiation compared with the other series
- Compact habit, suitable for 9-10.5 cm pots and packs
- Extra early flowering series in the market ; suitable for early fall shipment
- Excellent plant habit and good range of bright colors, ideal for programming with fall Pansy

Also available in Mix



Danessa series



Pageant series

## PAGEANT

Primula Acaulis F1 Hybrid Early

(Primula acaulis)

Seed Count 1,000 seeds / gr

Germination 15-20°C - 14 days light favored

Raw

Annual

- Early flowering
- Requires less cold temperature for flower initiation compared with other market series
- Flower size 4 cm in diameter
- Very compact plant with high uniformity and flowering habit
- Ideal for early winter production in mild / warm climates
- Colorful assortment for garden and patio, giving more choice to the consumer from late fall to spring

Also available in Mix



White Imp.



Burgundy Bicolor



Burgundy



Rose Bicolor



Pink Shades



Scarlet



Yellow Shades



Bright Pink



Bright Rose Shades



Scarlet



Mid Blue



Blue



Deep Carmine Rose



Red Bicolor



Dania series

# DANIA

**Primula Acaulis F1 Hybrid Early**

(*Primula acaulis*)

**Seed Count** 1,100 seeds / gr

Raw

**Germination** 15-20°C - 14 days light favored

**Annual**

- Early flowering
- Large, showy flower approximately 8 cm in diameter
- Multiple usages, include pot plant, patio container and garden bed
- Superior germination with uniformity leads to high usable plug count
- Similar flowering habits to Danova series under high temperature conditions
- Extreme uniformity in plant habit, flower size and flowering time
- Highly programmable for continuous sales
- A "Need to have" crop for late fall and early spring sales

Also available in Mix



Golden Yellow



Red Bicolor



Rose Bicolor



Yellow w/eye



Scarlet



Bright Pink



Blue



White



Danova series

# DANOVA

**Primula Acaulis F1 Hybrid Middle**

(*Primula acaulis*)

**Seed Count** 1,100 seeds / gr

Raw

**Germination** 15-20°C - 14 days light favored

**Annual**

- Middle flowering
- Large, showy flower approximately 8 cm in diameter
- Multiple usages, including pot plant, patio container and garden beds
- Offers in wide range of color
- Superior germination with uniformity leads to high usable plug count
- Extreme uniformity in plant habit, flower size and flowering time

- Highly programmable for continuous sales
- Colorful assortment for garden and patio, giving more choice to the consumers from winter to spring

Also available in Mix



White



Lemon Yellow



Yellow w/Eye



Red



Blue



Pink Imp.



Bicolor Rose & White



DANOVA PRIMULA



Prima series

# PRIMA



**Primula Malacoides F<sub>1</sub> Hybrid**

(*Primula malacoides*)

**Seed Count** 8,000 seeds / gr

Raw

**Germination** 15-20°C - 14 days light favored

**Annual**

- Highest percentage of marketable plants
- Flowering well above the foliage for unique flowering, with a self-cleaning habit
- Narrow flowering window, gives a more cost effective handling
- Compact and very uniform habit

- Large, dense flower cluster on strong and robust stem
- Stunning spectrum of vivid, pastel colors
- Delicate fragrance

Also available in Mix



White



Red Imp.



Pink



Lilac



Mix

# SUNSEEKER

**Portulaca F<sub>1</sub> Hybrid**

(*Portulaca grandiflora*)

**Seed Count** 10,000 seeds / gr

Raw

**Germination** 22-25°C - 7 days light favored

**Annual**

- F1 hybrid double flowering variety
- Flowers keep flowering from morning to sunset
- Uniform plant habit and earliness in the series

Also available in Mix



White



Red



Light Pink



Yellow Imp.



Orange Imp.



Cream

# ASTRA

**Platycodon Dwarf**

(*Platycodon grandiflorus*)

**Seed Count** 950 seeds / gr

**Germination** 20°C - 7-10 days light favored

Raw

**Annual**

- Very large star shaped, single flowers, measuring 5-7 cm in diameter
- The best quality available in pot Platycodon
- Thicker flower petals give longer lasting flowers
- Superior seed quality with high germination
- Compact uniform plant habit with excellent basal branching
- Continuous flowering throughout the season
- Multiple uses such as indoor pot plants, patio plants, and as garden perennials
- Best pot performance in 12-13 cm pot. Advise sowing 3-5 seeds per plug, in order to ensure a well branching, well balanced and sturdy plant



Blue



Light Pink



Pink (PVP)



Pure White



Astra Pink



Astra series

# SENTIMENTAL BLUE

**Platycodon F1 Hybrid Extra Dwarf**

(*Platycodon grandiflorus*)

**Seed Count** 1,000 seeds / gr

**Germination** 20°C - 7-10 days light favored

Raw

**Annual & Biennial**

- Genetically dwarf plant, suitable for 10cm pot
- Excellent for bedding purposes
- Annual flowering
- Superior basal branching, mounding habit and pointed, cup shaped multi flowers in beautiful mid blue color





Bloomingdale II series



Bloomingdale II Pink Shades

## BLOOMINGDALE II

Ranunculus F1 Hybrid

(*Ranunculus asiaticus*)

Seed Count 1,200 seeds / gr

Raw

Germination 15°C - 14 days light inhibited

Biennial & Perennial



White Shades



Red Shades Imp.



Rose Shades



Pink Shades



Golden Yellow Shades



Orange Shades



Fire Bicolor

- Improved series of Bloomingdale series
- The large, full double, showy flowers, measuring approximately 8 cm in diameter, are upright on compact, sturdy stems
- Better germination
- Better basal branching
- Larger and more round shaped foliage can cover pot easily
- Less stretching habit
- Early flowering
- Low heat requirement crop, less input production cost

Also available in Mix

# SUNFLOWER



- *Round shaped petals*
- *Up faced flower*
- *Almost day length neutral*

Vincent's 2 Choice

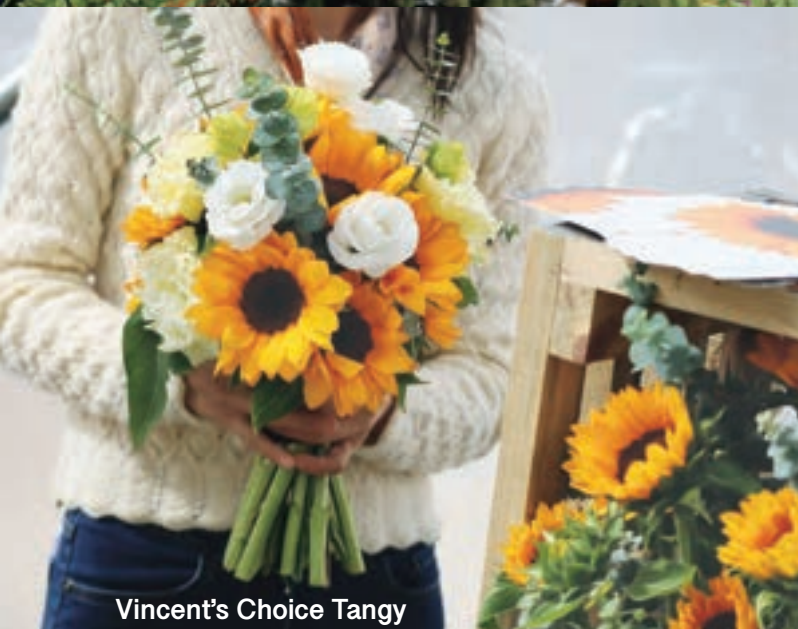




Vincent's 2 Fresh DMR



Vincent's 2 Choice



Vincent's Choice Tangy



DMR Fresh DMR (PVP)

Pomelo



Clear Lemon



Fresh (PVP)



Choice (PVP)



Choice Tangy (PVP)

## VINCENT'S 2

Sunflower F<sub>1</sub> Hybrid Tall Pollenless

(*Helianthus annuus*)

Seed Count 15 coated seeds / gr

F-Coat

Germination 20-25°C - 5 days light inhibited

Annual

- Extra round shaped petals provides a better filled and more attractive flowers
- Up faced flowers with small upper leaves and stronger flower stems
- Almost day length neutral
- 3 dimensional flower shape with volume
- Grows well in any type of soil
- Superb high germination
- Under long day length conditions, height does not become too tall, and under short day length conditions, height does not become too short
- Flowering time is approximately 50-60 days in summer and approximately 60- 70 days in winter and is affected day length and temperature

**Vincent's 2 Clear Lemon :** A refreshing look with a clear center and fresh yellow petals. Sensitive to daylength, resulting in shorter plants under short-day conditions. Best suited for long-day production.

Sunflower Vincent's 2 DMR series : Resistant to specific Downy Mildew races, but infection may still occur via atypical pathways, via unknown or mutated races or via stressful growing conditions that making them more susceptible to infection.

# VARIETY CHARACTERISTICS

**Vincent's provides  
more attractive flowers**



Very good germination and uniformity compared to market variety.



Up-facing flowers on stem and necks.



It is recommended to harvest from 1 to 3 stage depending on customers' demand.



Less sensitive to day length than other Sunflower for greater flexibility in programming. It could allow to cultivate in Winter season.



Arrow White



Iron series



Early Iron Deep Yellow

# IRON

Stock Tall Mid Early Flowering

(*Matthiola incana*)

Seed Count 500 seeds / gr

Raw

Germination 20°C - 5 days cover lightly

Annual & Biennial

- Strong stems with beautiful flowers make Iron series an excellent cut flower
- Very hard and strong stems
- Very tightly spaced florets
- Highly fragrant
- Mid early flowering
- Approximately 55% double flowering plant ratio without seedling selection
- Iron Blue may genetically segregate and produce white color



White (PVP)



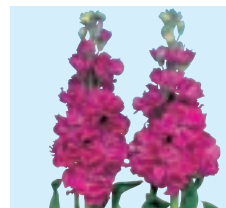
Yellow



Pink



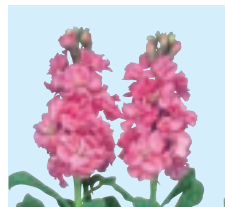
Cherry Blossom



Rose



Rose Pink (PVP)



Deep Pink (PVP)



Apricot



Blue (PVP)



Purple (PVP)



Marine (PVP)

# EARLY IRON

Stock Tall Extra Early Flowering

(*Matthiola incana*)

Seed Count 500 seeds / gr

Raw

Germination 20°C - 5 days cover lightly

Annual & Biennial

- Extra early flowering type
- 10-14 days earlier flowering than Iron series (depending on cultural conditions)
- Easy to get enough plant height
- More uniform flowering
- Approximately 55% double flowering ratio without seedling selection

**Early Iron Pink II** : Easier to get plant height and higher flower density on spikes than Early Iron Pink



Pink II



Early Iron series



White Imp.

Deep Yellow (PVP)

Rose Pink (PVP)

Cherry Blossom (PVP)

Marine II

# ARROW

Stock Tall High Double Mid Early Flowering

(*Matthiola incana*)

Seed Count 500 seeds / gr

Raw

Germination 20°C - 5 days cover lightly

Annual & Biennial

- Approximately 90% double flowering plant ratio without seedling selection
- Mid early flowering type
- Less flower abortion even under hot temperature conditions



White (PVP)

# EARLY ARROW

Stock Tall High Double Extra Early Flowering

(*Matthiola incana*)

Seed Count 500 seeds / gr

Raw

Germination 20°C - 5 days cover lightly

Annual & Biennial

- Approximately 90% double flowering plant ratio without seedling selection
- Extra early flowering type
- Less flower abortion even under hot temperature conditions
- Similar flower petal quality as Arrow White



White (PVP)



White



Yellow

## CHEERFUL

**Stock Tall High Double Early Flowering**

(*Matthiola incana*)

**Seed Count** 500 seeds / gr

Raw

**Germination** 20°C - 5 days cover lightly

**Annual & Biennial**

- 90% of the plants produce double flower without seedling selection for a more cost effective crop
- Prolific flowering with highly scented flowers, measuring approximately 5.5 cm in diameter
- Extra early in cool climates
- High uniformity in plant habit
- Strong, non-branching stems with deep green, fresh foliage
- Cut flowers can be harvested in September from June sowing
- For milder / warmer climates, we recommend sowing in August for November harvesting (Cultural details are based on growing conditions in the northern hemisphere)



White

## MID CHEERFUL

**Stock Tall High Double Mid Early Flowering**

(*Matthiola incana*)

**Seed Count** 500 seeds / gr

Raw

**Germination** 20°C - 5 days cover lightly

**Annual & Biennial**

- 90% of the plants produce double flowers without seedling selection for a more cost effective crop
- Flowering 1-3 weeks later than Cheerful series, depending on cultural conditions
- For cool climates, we recommend sowing in mid-July for harvesting in mid-October
- For milder / warmer climates, we recommend sowing in August for November harvesting, or sowing in October for harvesting in January / February (Cultural details are based on growing conditions in the northern hemisphere)
- The other characteristics such as double flower ratio, flower size, scent, plant habit and uniformity are almost same as Cheerful series

## SNOW LADY

**Shasta daisy F1 Hybrid**

(*Chrysanthemum maximum*)

**Seed Count** 750 seeds / gr

Performax

**Germination** 20-25°C - 10 days light favored

**Biennial & Perennial**

- Pure white flowers with yellow center, measuring 6.5 cm in diameter
- Upright flowers on dwarf, compact plants without the use of plant growth regulators
- First year flowering perennial
- High quality seeds with high germination
- Ideal for 13 cm pot plants
- Highly pest tolerant
- Adaptable to a very wide range of climates
- Fall sowing for early spring sales
- Hardy plant capable of withstanding temperatures of -5°C
- Performax seed is available
- Snow Lady is a 1988 All-America Selections Award winner



Snow Lady



# QUARTET

Stock Tall Early Flowering

(*Matthiola incana*)

Seed Count 500 seeds / gr

Raw

Germination 20°C - 5 days cover lightly

Annual & Biennial

- Spray type Stock (Matthiola)
- Strong, robust stems supporting attractive flower spikes with fresh, green foliage
- Early flowering
- Cut flowers can be sold as single bouquets and/or highly decorative filler in mixed bouquets
- Highly fragrant
- The first flower bud requires pinching in order to create the spray cut flower style
- Suitable for a 15 cm or gallon pot sales with the use of plant growth regulators
- Approximately 55% double flowering plant ratio without seedling selection



Deep Yellow **PVP**



Cherry Blossom



Quartet series



Apricot Imp.



White



Red II **PVP**



Yellow Imp.



Rose



Marine



Lavender



Blue

**How to increase the ratio of double flowered seedlings than genetically around 55%.**

"Stock Selection for double flowered seedlings could be done between days 7 and 14"

Check detail from QR code!

<https://www.youtube.com/watch?v=vnYgqQbTDt0>



Purple



Mime series

# MIME

Stock Dwarf

(*Matthiola incana*)

Seed Count 500 seeds / gr

Raw

Germination 20°C - 5 days cover lightly

Annual & Biennial

- Extra early flowering
- Suitable for containers and flower beds for winter season
- Shiny leaves and flower make good contrast
- Approximately 55% double flowering ratio without seedling selection

Also available in Mix



Rose



White



Red



Pink



Light Pink



Purple



Blue



Little Kiss series

# LITTLE KISS

Torenia F<sub>1</sub> Hybrid Dwarf

(*Torenia fournieri*)

Seed Count 800 pellets / gr

Pellet

Germination 20-25°C - 7 days light favored

Annual

- Compact & well basal branching habit with numerous flowers
- High series uniformity
- Early flowering for saving bench space and production cost and time
- Flower size is approximately 2.5 cm
- Plant height is 15-20 cm
- Great flowering power under hot and humid summer conditions
- Flowers from late spring to fall
- Only Pelleted seed is offered for easy sowing

Also available in Mix



Blue



Blue & White



Rose Picotee



Burgundy



Passion In series

## PASSION IN

**Trachelium**

(*Trachelium caeruleum*)

**Seed Count** 3,200 pellets / gr

**Germination** 20°C - 7-14 days light inhibited

Pellet

**Annual**

- Large, very decorative umbels
- Compact plant habit with outstanding branching
- A great center piece for large mixed container or can be grown in the garden for use as home garden cut flowers
- Attractive product in pack or large container
- Has heat tolerance
- Attractive eye catcher for late spring and early fall sales
- Passion In Violet is a 1996 Fleuroselect Approved Novelty



White



Lilac



Violet



Red Robin

## RED ROBIN

**Tomato Miniature**

(*Solanum lycopersicum*)

**Seed Count** 500 seeds / gr

**Germination** 20-25°C - 7-14 days light inhibited

Performax

**Annual**

- An ornamental pot Tomato bearing small fruit
- Size of fruit is approximately 3 cm
- Fruits turn bright red approximately 100 days after sowing
- Very compact in growth, measuring 18 cm without plant growth regulators and with a good branching habit
- Suitable for a 13 cm pot size
- Available in Performax seed (Defuzzed seed) only
- Defuzzed seed is particularly suitable for mechanical sowing purposes





Profusion Golden



Profusion series

## PROFUSION

Zinnia

(*Zinnia hybrida*)

Seed Count 450 seeds / gr

Raw

Germination 25°C - 5 days light inhibited

Annual

- Interspecific hybrid, showing the best field performance
  - Profuse flowering on plants with self-cleaning habit
  - High germination
  - Compact growth with strong basal branching
  - Short crop time, resulting in a quick turnover of crops between 8-10 weeks
  - Vivid, bright colors for impact sales
  - Suitable for spring to fall shipment
  - Flowers in abundance until first frost
- Also available in Mix

**Profusion Golden** : The additional color in Profusion series, large flower size, excellent uniformity and fitting to series very well

### Profusion Cherry

- A 1999 All-America Selections Gold Medal Award winner
- A 1999 Fleuroselect Gold Medal Award winner

### Profusion Orange

- A 1999 All-America Selections Gold Medal Award winner

### Profusion White

- A 2001 All-America Selections Gold Medal Award winner
- A 2001 Fleuroselect Gold Medal Award winner

### Profusion Red

- A 2017 All-America Selections Award winner
- A 2018 Fleuroselect Gold Medal Award winner

### Profusion Red Yellow Bicolor

- A 2021 All-America Selections Gold Medal Award winner
- A 2022 Fleuroselect Gold Medal Award winner



Profusion Golden



Profusion Lemon



Profusion series



Apricot (PVP)



Fire (PVP)



Golden



Yellow (PVP)



Lemon (PVP)



Cherry Bicolor (PVP)



Red Yellow Bicolor (PVP)



Orange



White (PVP)



Cherry



Red (PVP)



Profusion Red Yellow Bicolor



Profusion Cherry Bicolor



Profusion Double White Imp.



Profusion Double Golden Imp.



White Imp.



Golden Imp. (PVP)



Fire Imp. (PVP)



Yellow (PVP)



Red (PVP)



Deep Salmon (PVP)



Hot Cherry (PVP)



# PROFUSION DOUBLE

Zinnia

(Zinnia hybrida)

Seed Count 450 seeds / gr

Germination 25°C - 5 days light inhibited

Raw

Annual

- Attractive double flowers that flower continuously
- Series uniformity of plant habit and earliness makes for programmable cultivation
- Interspecific hybrid, showing the best field performance
- Profuse flowering on plants with self-cleaning habit
- High germination
- Compact growth with strong basal branching
- Short crop time, resulting in a quick turnover of crops between 8-10 weeks
- Vivid, bright colors for impact sales
- Suitable for spring to fall shipment
- Flowers in abundance until first frost

Also available in Mix

## Profusion Double Deep Salmon

- A 2013 All-America Selections Award winner
- A 2011 Fleuroselect Approved Novelty

## Profusion Double Hot Cherry

- A 2013 All-America Selections Award winner
- A 2014 Fleuroselect Gold Medal Award winner

## Profusion Double Red

- A 2021 Fleuroselect Approved Novelty

## Profusion Double White Imp.

- A 2025 All-America Selections Award winner
- A 2026 Fleuroselect Gold Medal Award winner



Profusion Double Red



Profusion Double Fire Imp.

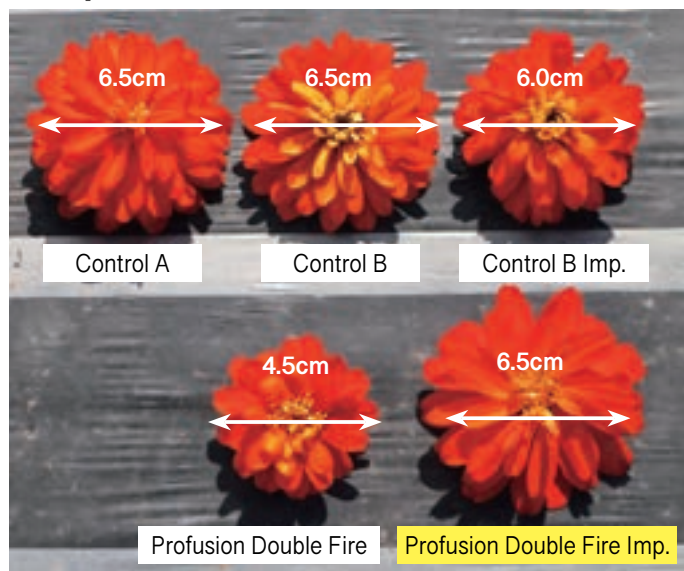


Profusion Double Yellow

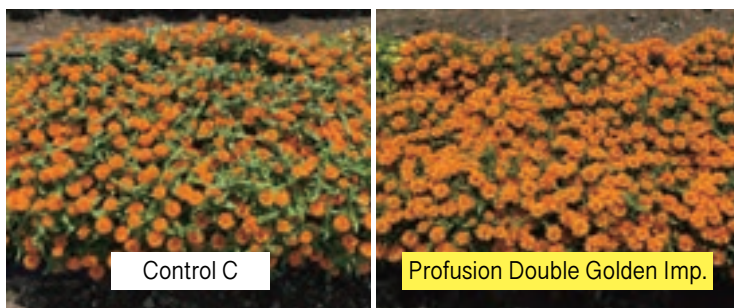


Profusion Double Hot Cherry & Deep Salmon

### Comparison of flower sizes



### Profusion Double has abundant flowers



More than two months have passed since planting

The extra large flower size, compared to the smallest flower size in the previous variety, is abundant and maintains a mounding plant habit in the field. The flower size is 6.5 cm, which is comparable to Control A and Control B, but the double layers of petals are superior in other companies. On the other hand, this semi-double variety continuously blooms, ensuring a wide flower colors, which contributes to the color of plants



Victory series



Victory series

# VICTORY

**Vinca**

*(Catharanthus roseus)*

**Seed Count** 450 seeds / gr

**Germination** 20-25°C - 7 days light inhibited

**Raw**

**Annual**

- Early flowering with compact plant habit
- Good basal branching habit, filling up pots and packs well
- Slow to stretch, requiring less plant growth regulators
- Best series uniformity available on the market
- Bright vibrant colors that contrast well with the dark green, glossy foliage

- Round and overlapping flower petals showing a complete circle
- Strong rooting system allowing the plant to survive well in hot and humid summer conditions

Also available in Mix



Pure White

**PVP**



Bright Eye



Light Pink with Red Eye



Deep Pink



Purple



Apricot



Carmine



Red



Grape



Blue Imp.



Cranberry



Light Pink



Lavender







Instagram



Facebook



YouTube



Website

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