

Welcome: New Varieties & Product Concepts



2021



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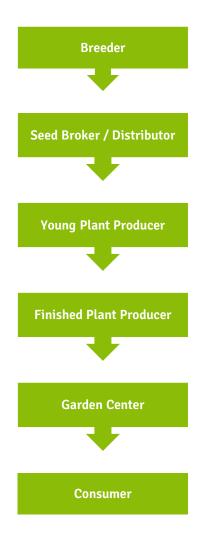


2021

Beauty inside



Profit from Benary's Branding — Increase your Bottom Line



- Benary provides many worldwide renowned brands to you such as Nonstop[®] Begonias, BIG Begonias, Graffiti[®] Pentas — just to name a few
- Utilize those brands for your own competitive advantages
- Benary brands have built recognition, consistency, and loyalty over the years
- Strong brands help to communicate quality through the entire supply chain: from the breeder -> to the young plant producer -> to the grower -> to retail -> to the end consumer
- Profit from Benary's branding and advertising worldwide



Profit from Benary's Branding — Increase your Bottom Line



- Benary does not accept renaming and cherry picking of the following brands:
- **BIG** Begonia x benariensis
- **BIG DeluXXe** Begonia x benariensis
- Groovy Begonia boliviensis
- Funky[®] Begonia x hybrid
- Nonstop[®] & Nonstop[®] Mocca
 Begonia tuberhybrida
- Nonstop[®] Joy Begonia tuberhybrida
- Brainiac Celosia cristata
- Graffiti[®] 20/20 Pentas lanceolata
- **Pop Star** Platycodon grandiflorus
- **Cats**[®] Viola wittrockiana
- Joey[®] Ptilotus exaltatus

Begonia Groovy



Rocking the Market – Groovy Begonia with 5 Colors



Groovy – See the Difference to Competition



- Based on the same breeding concept as Funky[®] and Nonstop[®] Joy: multi-purpose Begonia, semi-trailing habit, easy cultivation and transport
- Very uniform series across colors
- Clear vivid colors; distinct nuances between colors
- Bigger flowers and petals
- Round mounded, semi-trailing habit which eases shipping/transport
- Shorter flower stems
- Beautiful flower presentation
- High germination rate and plug performance

Crop Time	Exposure	Height	Seed form
14-16 wks	Sun - Shade	12-16" / 30-40 cm	Pelleted

Groovy – See the Difference



Bossa Nova White



Groovy White – Crystal clear white; bigger & plenty of flowers; compact plant habit

Groovy – See the Difference



Bossa Nova Rose



Groovy Rose – Perfectly built/shaped plant; very intense rose color

Groovy – See the Difference



Bossa Nova Red



Groovy Red – Vivid red tone; bigger flowers; best red in its class

Groovy – See the Difference

Bossa Nova Orange



Groovy Orange – Vigorous, sturdy plant; intense orange; distinguished semi-trailing plant habit; bigger flowers

Groovy – See the Difference

Bossa Nova Groovy

Bossa Nova Yellow

Groovy Mellow Yellow – More volume; round plant habit; best yellow on the market; red back in higher light

Groovy – All Colors at a Glance



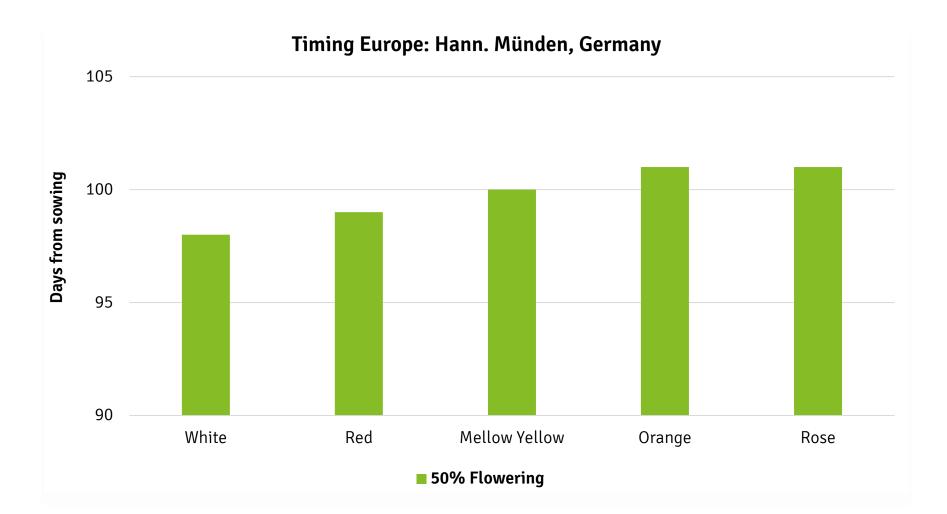
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White

Mellow Yellow

Groovy – Flowering Window



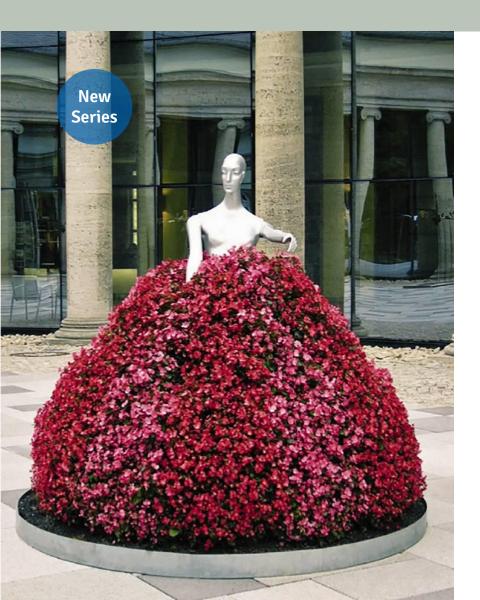
Begonia Super Cool



The New and Cool grown semperflorens Series



Begonia semperflorens F₁ **Super Cool Series**



- New series with 4 colors & 1 mix
- Super Cool Your all-round Begonia
- Habit between Sprint Plus and Super Olympia[®]
- Earliness close to Sprint
- Well branched, extremely large flowers, very floriferous
- Creates sufficient vigor if grown cooler
- Works in pots, packs and the landscape

Crop Time	Height	Exposure	Seed form
10-12 wks	10-12" / 25-30 cm	Sun - Shade	Pelleted

Begonia semperflorens F₁ **Super Cool – All Colors at a Glance**



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Blush



Pink



Red

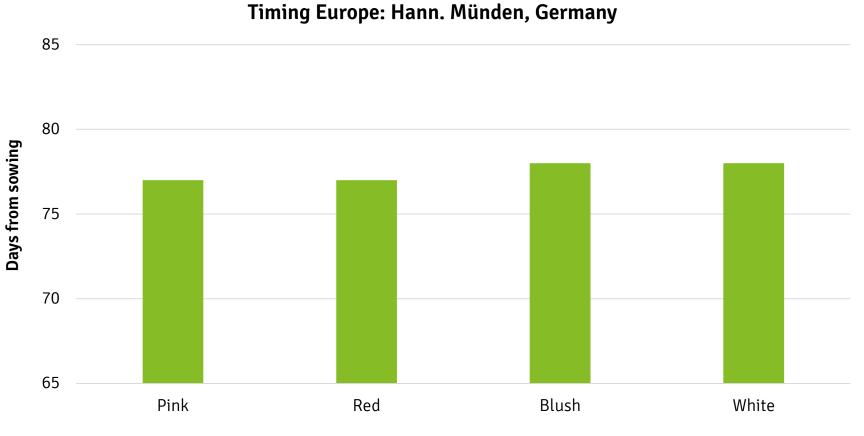


White



Mix

Super Cool – Flowering Window



50% Flowering

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Begonia semperflorens F₁ Super Cool – Closing the Gap





Super Olympia[®] White Super Cool White Sprint Plus White



Super Cool Pink, Red, White & Sprint Plus White



Super Cool Red & Pink

Super Cool – Extremely large Flowers

Flower Size Super Cool Pink (left) vs. Super Olympia[®] Pink

Flower Size Super Cool White (left) vs. Super Olympia® White

Plant Habit Super Cool White







Begonia semperflorens F₁ Super Cool – Works excellent in Packs



White and Pink



Blush and Red



Super Cool – Excellent Garden & Heat Performance



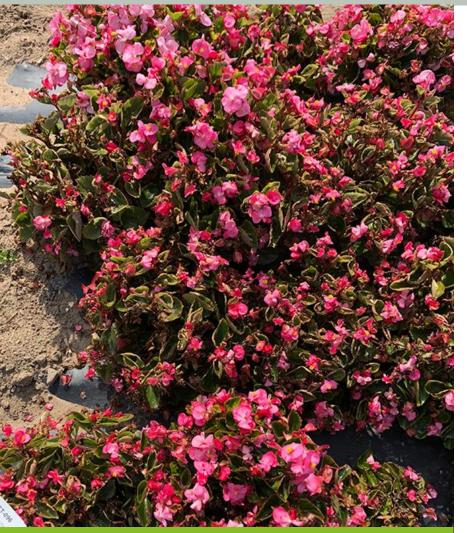
Super Olympia[®] White



Super Cool White



Super Cool – Excellent Garden & Heat Performance



Super Olympia[®] Rose



Super Cool Pink



Super Cool – Excellent Garden & Heat Performance

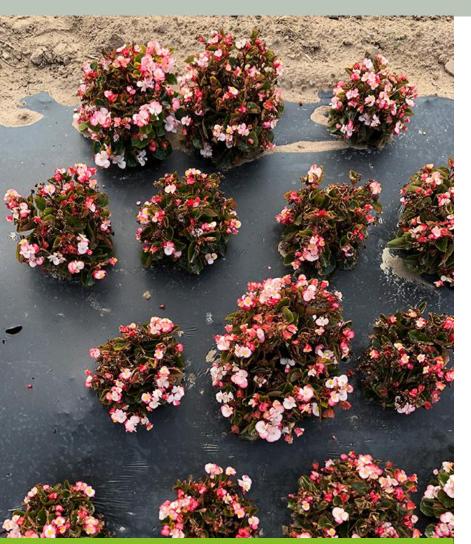


Super Olympia[®] Red



Super Cool Red

Begonia semperflorens F₁ **Super Cool – Excellent Garden & Heat Performance**



Super Olympia[®] Bicolor



Super Cool Blush

Begonia Funky[®] **1 New Color makes an even Greater Series**



Begonia x hybrida F₁ Funky[®] Red – The new Addition

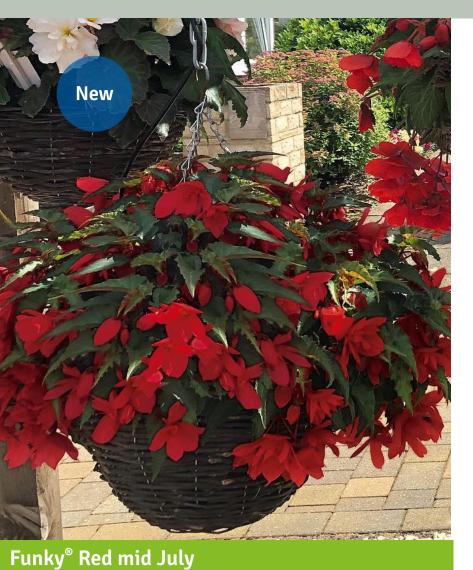


Funky[®] Red mid October

- Rich red color
- Lots of double flowers
- Leader of the series in flowering
- Integrates perfect into the series regarding habit and timing

Crop Time	Height	Exposure	Seed form
15-18 wks	8-12" (20-30 cm)	Partial shade – Shade	Pelleted

Begonia x hybrida F₁ Funky[®] Red – The new Addition



Rich red color

- Lots of double flowers
- Leader of the series in flowering
- Integrates perfect into the series regarding habit and timing

Crop Time	Height	Exposure	Seed form
15-18 wks	8-12" (20-30 cm)	Partial shade – Shade	Pelleted

Begonia x hybrida F₁ Funky[®] Series



- 6 colors in the series
- Novel flower form
- Compact semi-trailing, well branched plants
- Easy to grow and ship
- Novelty basket item from seed
- Reliable high germination rates
- Large double flowers
- Outstanding show in baskets, containers and landscape settings
- Tight flowering window between all colors

Begonia x hybrida F₁ Funky[®] – All Colors at a Glance



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Light Pink



Orange



Pink



Red

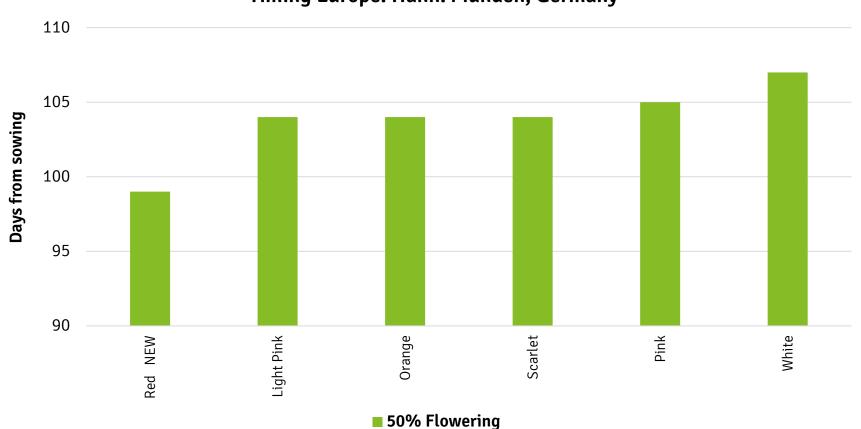


Scarlet



White

Begonia x hybrida F₁ Funky[®] – Flowering Window



Timing Europe: Hann. Münden, Germany

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Nonstop[®] — The Industry Leader in Tuberous Begonias



Begonia tuberhybrida F₁ Nonstop[®] Series

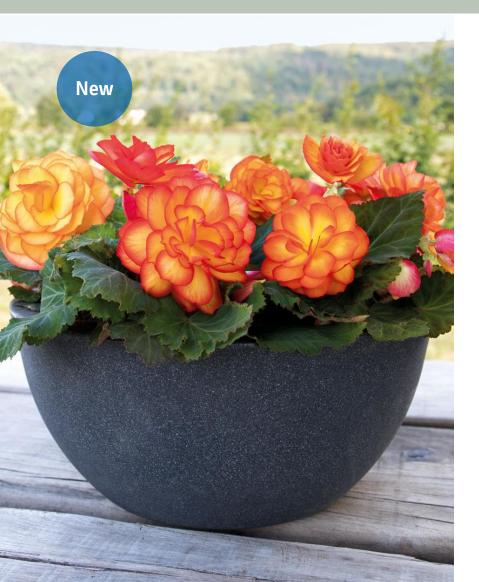


- A full color range in green foliage
- Nonstop[®] is best for premium quality production
- Ideally suited for 12-13 cm / 6" pots, baskets and the landscape
- Great alternative for shade
- Consumer recognized brand name
- Choice of 12 great Nonstop[®] colors and 1 mix!

Crop Time	Height	Exposure	Seed form
14-15 wks	10" / 25 cm	Partial shade – Shade	Raw & Pelleted

Begonia tuberhybrida F₁

Nonstop[®] Fire – The Extravagant Color



- Unique flamy flower color with playful shades
- Well branched plant habit
- Perfect flower presentation
- Early flowering; integrates perfectly into the Nonstop[®] series



Begonia tuberhybrida F₁



Nonstop[®] Sunset – As beautiful and unique as can be



- Glowing Sunset color
- Bright Orange with yellow center
- Well branched plant habit
- Charming flower presentation
- Early flowering; integrates perfectly into the Nonstop[®] series



Nonstop[®] – All Colors at a Glance





Appleblossom

Deep Rose

Deep Salmon



Fire



Orange



Pink



Red

Rose Petticoat



Sunset



White

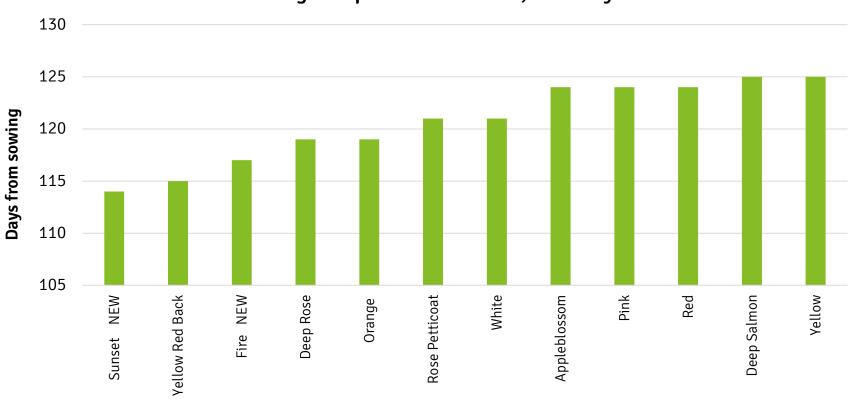
Yellow



Yellow Red Back

Begonia tuberhybrida F₁

Nonstop[®] – Flowering Window



Timing Europe: Hann. Münden, Germany

50% Flowering

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Begonia Nonstop[®] Mocca



Unique Color Contrast & Outdoor Performance



Begonia tuberhybrida F₁ **Nonstop[®] Mocca Series**



- Nonstop[®] Mocca assures excellent outdoor performance
- Highest transplantable seedlings in the industry
- Free flowering
- Strong branching plants
- Series provides 10 colors and 1 mix

Crop Time	Height	Exposure	Seed form
14-15 wks	10" (25 cm)	Partial shade – Shade	Raw & Pelleted

Begonia tuberhybrida F₁ Nonstop[®] Mocca Deep Red



- Classy color combination
- Large double deep red flowers above chocolate colored leaf
- Early flowering Leader of the series regarding flowering window
- Short time from first flower to full flowering plant



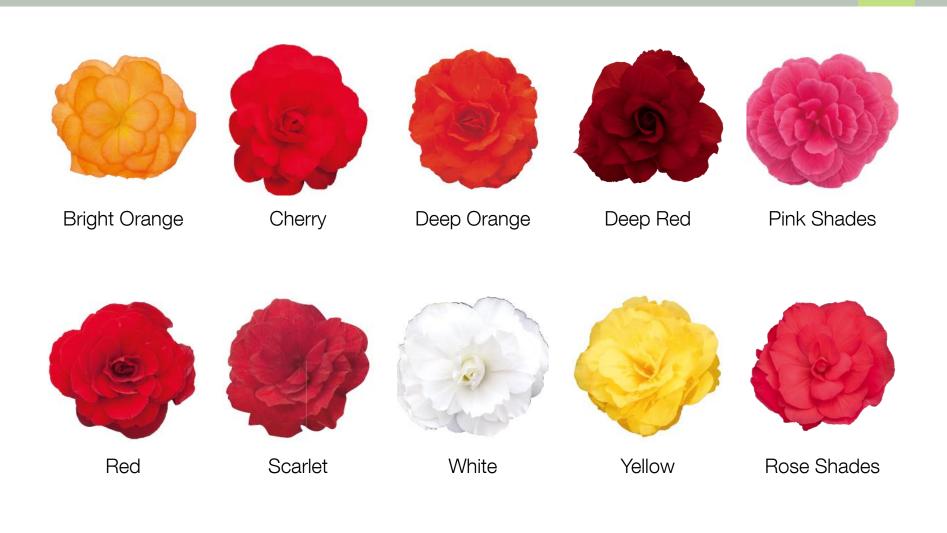
Nonstop[®] Mocca Rose Shades



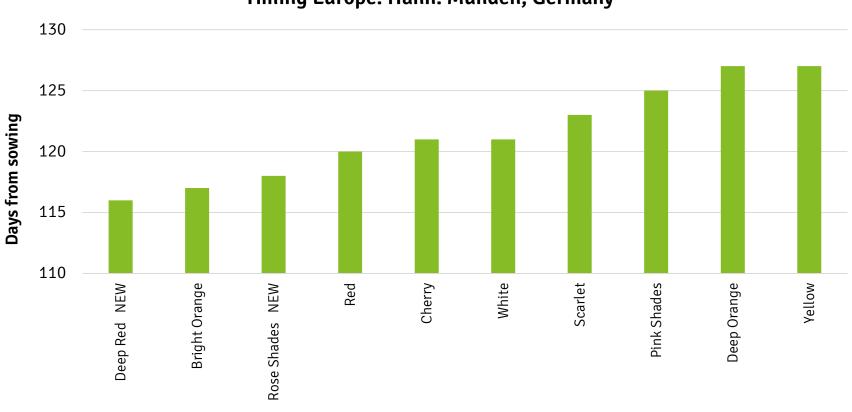
- Bright rosy flower color
- Distinguished appearance with big double flowers above chocolate leaves
- Fits perfect into the series regarding flowering window and habit



Nonstop[®] Mocca – All Colors at a Glance



Nonstop[®] Mocca – Flowering Window



Timing Europe: Hann. Münden, Germany

50% Flowering

Begonia Nonstop[®] Joy



The Compact Semi-Trailing Nonstop[®] Begonia



Begonia tuberhybrida F₁ Nonstop[®] Joy Series



- Joy The unique trailing tuberous begonia from seed
- Growers enjoy easy production and shipping!
- Retailers enjoy the appealing presentation in the stores!
- Consumers enjoy all summer long beauty with abundance of big double flowers!

Crop Time	Height	Exposure	Seed form
16-18 wks	8-10" (20-25 cm)	Partial shade – Shade	Pelleted

Begonia tuberhybrida F₁ **Nonstop[®] Joy Series**



- Ideally suited for premium baskets forms nice globes
- Well branched and healthy plants
- Great show in pots, containers and garden beddings
- Perfect mounded habit
- Allrounder for versatile uses
- Easy to ship due to half trailing branches
- Presents perfect upright flowers in sales stage/pots and baskets

Nonstop[®] **Joy Orange & Red Exp.**



Orange Exp.

Red Exp.

Nonstop[®] Joy – All Colors at a Glance



Mocca White





Begonia BIG & BIG DeluXXe

The most trusted Begonia in its Class. Period.

Begonia x benariensis F₁

BIG — The Most Trusted Begonia in its Class. Period



Begonia x benariensis F BIG Series



- Well branched, full bodied plant
- Fills pots easily and fast
- Easy to grow and ship
- Outstanding performer across the world
- Finishes two weeks earlier than competing varieties
- Thrives in every region
- Versatile plant in sun or shade
- Most vigorous and well-branched begonia
- 8 unbeatable colors in the series now!

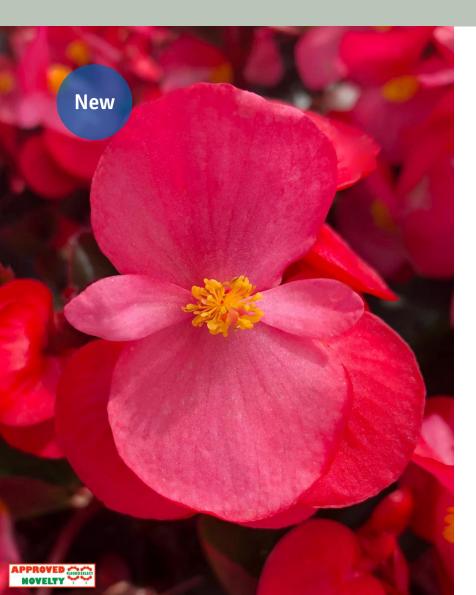
Crop Time	Height	Exposure	Seed form
12-14 wks	24-30" / 60-80 cm	Sun - Shade	Pelleted



I'M KIND OF A BIG DEAL.

Begonia x benariensis F₁

BIG Deep Rose Bronze Leaf



- New Deep Rose Bronze Leaf makes # 7 in the BIG series
- Deep Rose Bronze Leaf Popular & high impact color
- Great contrast of deep rose flower and chocolate colored leaf
- Well branched matches all colors in the BIG series
- Perfect plant habit that fits series





Begonia x benariensis F₁ BIG White Green Leaf





Begonia x benariensis F₁ BIG White Green Leaf



- BIG White Green Leaf is # 8 in the BIG series – your lucky number ©
- Extremely well branching plant with short internodes
- Little "lazy" flowering at early stage
- Perfectly round mounded habit later in the season
- Earlier flower set than other BIG colors
- Slightly different growing habit: at the early stage a bit flatter and more branching than other BIGs
- Full bloom later in the season
- Extremely heat tolerant





I'M KIND OF A BIG DEAL.

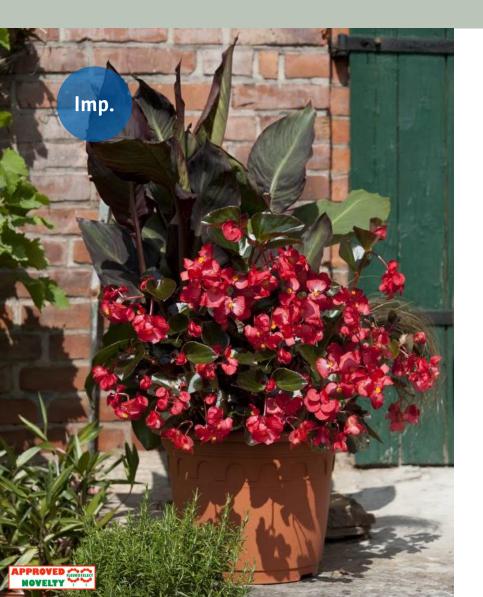
Begonia x benariensis F₁ BIG White Green Leaf — WOW!



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Utility Patent Pending

Begonia x benariensis F₁ BIG Red Bronze Leaf



Improvements:

- Better and more branching; beefier plant habit
- Fits better into the series
- Very popular color combination of red flowers and bronze leaved foliage



I'M KIND OF A BIG DEAL.

Begonia x benariensis F₁ BIG – All Colors at a Glance







Deep Rose Bronze Leaf



Pink Bronze Leaf



Pink Green Leaf



Red Bronze Leaf



Red Green Leaf



Rose Bronze Leaf



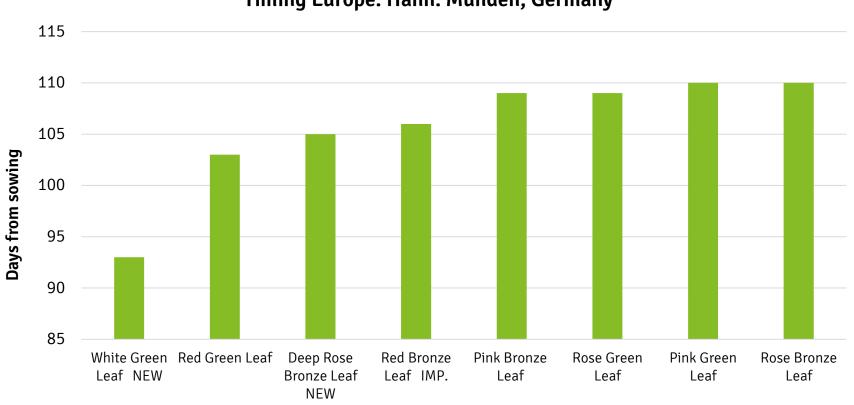
Rose Green Leaf



White Green Leaf

Begonia x benariensis F₁

BIG – Flowering Window



Timing Europe: Hann. Münden, Germany

50% Flowering

I'M KIND OF A BIG DEAL.

Celosia cristata Brainiac

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New and Exciting Look — **Brainiac**



Celosia cristata

Brainiac Series



- Easy control of sowing
- Early flowering with a compact and uniform habit
- Attractive large flower heads in a bright color
- Coral shaped flower heads attract consumers
- Heat tolerant
- Good for sunny locations in moderate climates

Crop Time	Height	Exposure	Seed form
10-11 wks	6" / 15 cm	Sun	Raw

Celosia cristata

Brainiac Series



Raven Red, Mad Magenta, Lightning Yellow

- Dense crested heads in vibrant hot colors
- Early flowering with a compact and uniform habit
- Recommended for commercial bench run in pots or packs
- Heat lover
- Also very well suited for use in landscape settings
- Loves full sun and hot summer conditions in moderate climates

Celosia cristata

Brainiac – All Colors at a Glance



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Mad Magenta



Raven Red



Think Pink



Lightning Yellow



Robo Red: additional color only for mix

Petunia SUCCESS! HD

The Compact grandiflora Petunia



Petunia x hybrida grandiflora F₁ **SUCCESS! HD series**



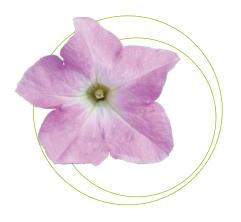
- Genetically compact series for "high density" production
- Very uniform flowering
- Large flowers
- Full packs, pots and baskets
- 8 appealing colors and 1 mix
- Extremely vivid colors

Crop Time	Height	Exposure	Seed form
9-13 wks	12-14" / 30-35 cm	Sun	Pelleted

Petunia x hybrida grandiflora F₁ **SUCCESS! HD Light Pink**



- Fashionable new color
- Light color brightens up the series
- Perfect color for stylish designer mixes

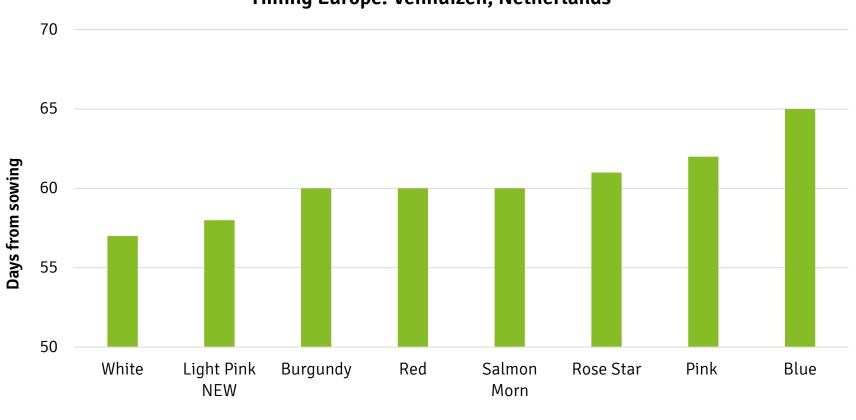


Petunia x hybrida grandiflora F₁ SUCCESS! HD – All Colors at a Glance



Petunia x hybrida grandiflora F₁

SUCCESS! HD – Flowering Window



Timing Europe: Venhuizen, Netherlands

50% Flowering

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Cheyenne Gold — Summer couldn't be better



Rudbeckia hirta Cheyenne Gold



- Sun lover
- Adding bold, stunning color to the garden
- Huge golden yellow flowers up to 15 cm (6") diameter
- Rain tolerant flowers
- Perfect cut flower item with long vase life
- Attracts bees and butterflies
- Flowering from June to frost

Crop Time	Height	Exposure	Seed form
12-14 wks	35-47" / 90-120 cm	Sun	Raw

Rudbeckia Gold Exp.

Rudbeckia – Symbol of the Summer



Rudbeckia hirta Gold Exp.



• Large flowers

- Similar look to Prairie Sun but more compact and shorter stems
- Very well suited for pots, beddings and summer bouquets
- Watch out: 2020 is The Year of the Rudbeckia

Crop Time	Height	Exposure	Seed form
13-15 wks	12-14" / 30-35 cm	Sun	Coated

Rudbeckia hirta Gold Exp.







Primula Crescendo[®]



Crescendo[®]— **Primed Seed for better Germination**



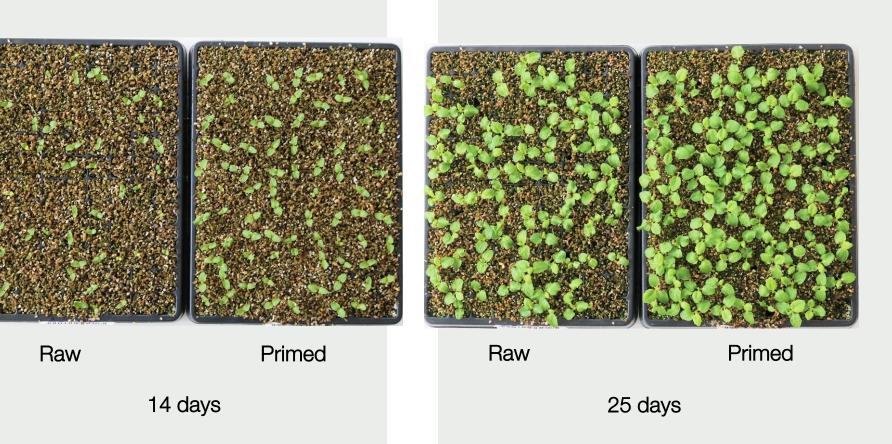
Primula elatior F₁ Crescendo[®] Series with Primed Seed



- From April 1st only as primed seed available, speeds up germination and increases uniformity
- Extremely winter hardy: Crescendo[®]s can be used much like a pansy in northern climates
- Sow in July for late January flowering
- Crescendo[®]s can be grown under cooler temperatures, cutting production costs for the grower
- Uniform series across the whole color range

Crop Time	Height	Exposure	Seed form
26-28 wks	8-12" / 20-30 cm	Sun-Partial Shade	Primed

Primula elatior F₁ Crescendo[®] Series with Primed Seed



Trial at 20° C in climate chamber

Straight forward ecological solutions with sustainability **Benary's BeGreen Initiative**





BeGreen Initiative — The sustainable Concept by Benary



Pelleted Begonia Seed

"Being green" —

This task requests many facets of entrepreneurial responsibility such as:

- Sustainable production
- Preserving our resources
- Acting socially minded
- BeGreen is a sustainable concept by Benary
- **BeGreen** regarding our seed means: Chemical free seed treatments
 - for healthier plants
 - for happier customers
 - for being a true green thinking and acting company in our industry
- We from Benary care about you, your customers and the environment

Viola Admire[®]



Most Professional Viola cornuta Series on the Market – BeGreen treated



Viola cornuta F₁ Admire[®] Series — BeGreen treated



- Chemical free primed, speeds up germination and increases uniformity
- Uniform flower timing across the series
- More uniform plant habit
- Early, consistent pack performance
- Better branching for more flowers
- Superior performance in both fall and spring
- Outstanding outdoor performance
- Choice of 22 vibrant colors and 9 mixes

Crop Time	Height	Exposure	Seed form
Spring:	8" / 20 cm	Sun –	Raw, BeGreen
22-24 wks		Partial Shade	Priming
Fall:	8" / 20 cm	Sun –	Raw, BeGreen
8-10 wks		Partial Shade	Priming

Viola cornuta F₁ Admire[®] Orchid — BeGreen treated



Good pack performance

• New intense color

- Very well suited for creative mixes in fall and spring
- For all seasons and all locations
- Integrates very well into the series regarding habit and flowering window



Viola cornuta F₁ Admire[®] Mixes — BeGreen treated



Blackberry Mix



California Mix

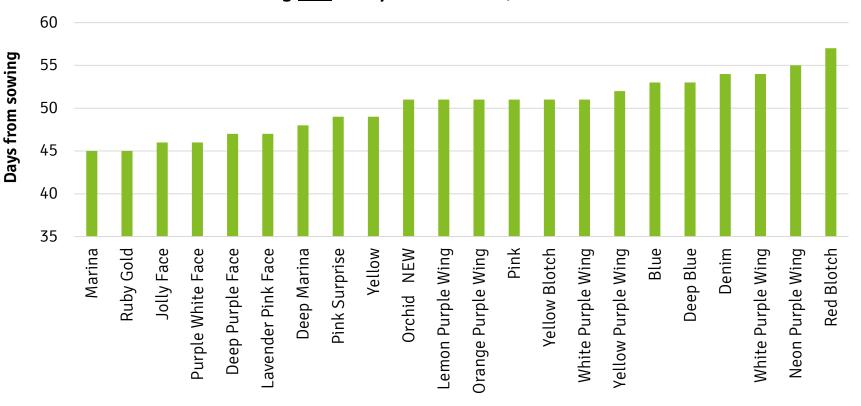


Spring Fling Mix

- Our best selling mixes!
- Bright and colorful
- Balanced blend of colors

- Plant alone or with other components
- · Maxi Mix of all colors also available

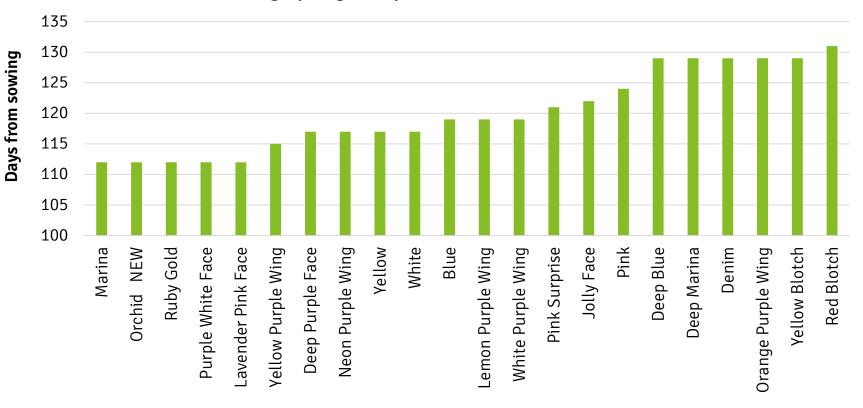
Viola cornuta F₁ Admire[®] – Flowering Window



Timing Fall Europe: Venhuizen, Netherlands

50% Flowering

Viola cornuta F₁ Admire[®] – Flowering Window



Timing Spring Europe: Venhuizen, Netherlands

50% Flowering

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Viola Inspire[®] DeluXXe



Indulge your Customers in Luxury – BeGreen treated



Viola wittrockiana F₁ Inspire[®] DeluXXe Series — BeGreen treated



- Chemical free primed, speeds up germination and increases uniformity

 for greener production
- Best XL-Series on the market
- Unmatched uniformity for habit & timing
- Fills the pot easily
- Perfect for late summer and early fall production
- Superior outdoor performance
- Choice of 15 vibrant colors and 8 mixes!

Crop Time	Height	Exposure	Seed form
Spring: 13-14 wks	6-8" / 15-20 cm	Sun	Raw, BeGreen Priming
Fall: 10-11 wks	6-8" / 15-20 cm	Sun	Raw, BeGreen Priming

Inspire[®] DeluXXe Orange — BeGreen treated



- New soft orange color
- Makes a great choice for mixes
- "Beefy" foliage covers the pot
- Integrates very well into the series regarding habit and flowering window



Viola wittrockiana F₁ Inspire[®] DeluXXe Mixes — BeGreen treated



Blueberry Mix



Mulberry Mix

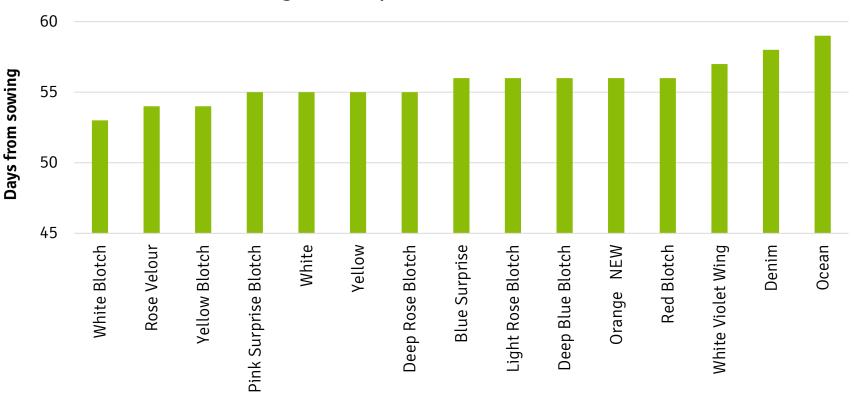


Maxi Mix

- Our best selling mixes!
- Bright and colorful
- Balanced blend of colors

- Plant alone or with other components
- Maxi Mix of all colors also available

Inspire[®] **DeluXXe – Flowering Window**



Timing Fall Europe: Venhuizen, Netherlands

50% Flowering

Viola Inspire[®] Plus Milestone in large-flowered Pansies — BeGreen treated



Viola wittrockiana F

Inspire[®] Plus Series — BeGreen treated





- Chemical free primed, speeds up germination and increases uniformity —for eco-friendly production
- Most advanced breeding in large-flowered pansies
- Ideal for spring and late fall production
- Uniform flower timing across the series
- Uniform habit, pot filling and compact
- Short flower stems no stretching!
- 20 enchanting colors and 11 mixes

Crop Time	Height	Exposure	Seed form
Spring:	6-8" /	Sun	Raw,
25-26 wks	15-20 cm		BeGreen Priming
Fall:	6-8" /	Sun	Raw,
10-12 wks	15-20 cm		BeGreen Priming

Viola wittrockiana F₁ Inspire[®] Plus Mixes — BeGreen treated





Mardi Gras Mix



Sun 'n Surf Mix

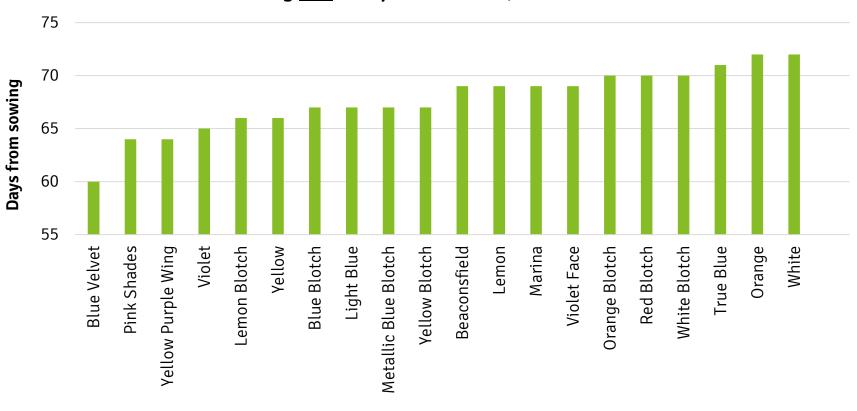


Sunny Day Mix

- Our best selling mixes!
- Bright and colorful
- Balanced blend of colors

- Plant alone or with other components
- · Maxi Mix of all colors also available

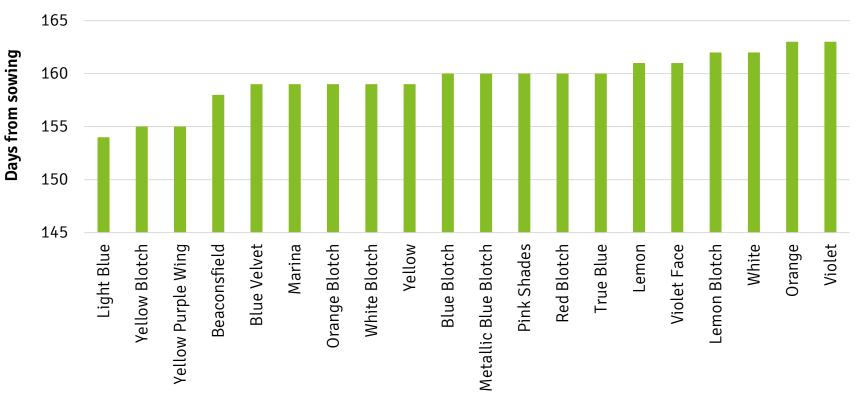
Inspire[®] Plus – Flowering Window – BeGreen treated



Timing Fall Europe: Venhuizen, Netherlands

50% Flowering

Inspire[®] Plus – Flowering Window – BeGreen treated



Timing Spring Europe: Venhuizen, Netherlands

50% Flowering

Verbena Imagination[®]

Imagination[®] – BeGreen treated



Verbena speciosa



Imagination[®] — The All-round Talent — BeGreen treated



- Now chemical free primed for eco-friendly production, speeding up germination and increased uniformity
- AAS and Fleuroselect Winner
- Suitable for pots, mixed containers, window boxes, hanging baskets, beddings, and ground covers
- Profusely branching stems
- Heat tolerant
- Clusters of deep violet-blue flowers

Crop Time	Height	Exposure	Seed form
12-14 wks	12" / 30 cm	Sun - Shade	BeGreen Primed

Verbena speciosa

Imagination[®] — The All-round Talent —BeGreen treated





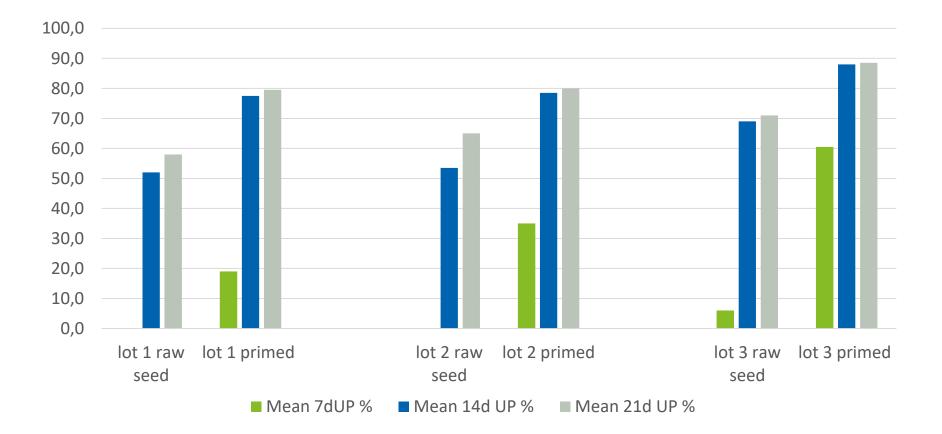
- Faster germination
- Larger seedlings
- Higher uniformity
- More useable plants

Untreated Seed vs. BeGreen Priming after 16 days at 24 °C / 75 °F

Verbena speciosa

Imagination[®] – Germination with BeGreen Treatment

Greenhouse data. **Useable plants** in soil, counted after 7,14, and 21 days. **Temperature: Day:** 24-34°C/75-92 °F. **Night:** 18 °C/64 °F



Sempervivum Hippie Chicks



Hippie Chicks — Very cool! — BeGreen treated



Sempervivum

Hippie Chicks — Very cool! — BeGreen treated



 BeGreen ApeX Pellet: Easy sowing, increased young plant yield, chemical free treated

- Mixture of a variety of colors
- Succulent leaf rosettes
- Non-branching flower spikes
- Evergreen, winter-hardy
- Attractive structural plant for rock gardens, mixed containers, green roofs
- Use also as indoor plant
- Very popular succulent; not only for millennials ☺

Crop Time	Height	Exposure	Seed form
8 -10 months	2-3" / 5-8 cm	Sun	BeGreen ApeX Pellet

Sempervivum

Hippie Chicks — Excellent with BeGreen ApeX Pellet







Untreated Seed (left: 3 wks / right: 10 wks)

ApeX Pellet (left: 3 wks / right: 10 wks)



Thank you very much for your Attention!

Ernst Benary of America, Inc. 195 Paulsen Road Watsonville, CA 95076 www.benary.com Ernst Benary of America, Inc. Wagner Court, Suite C DeKalb, IL 60115-8609 www.benary.com Ernst Benary Samenzucht GmbH Friedrich-Benary-Weg 1 34346 Hann. Münden, Germany www.benary.de





Thank you very much for your Attention!

Ernst Benary of America, Inc. 195 Paulsen Road Watsonville, CA 95076 www.benary.com Ernst Benary of America, Inc. Wagner Court, Suite C DeKalb, IL 60115-8609 www.benary.com Ernst Benary Samenzucht GmbH Friedrich-Benary-Weg 1 34346 Hann. Münden, Germany www.benary.de

