

Best in class Annuals & perennials for the Piedmont



2020

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Ball®

**GREEN &
GROWIN'**



Remember this?

Impatiens DM is arrived in North America

The Gardens at Ball (**September 2011**)

Chicago, IL



09.10.2011



Extreme IDM infection!

Impatiens Downy Mildew (*Plasmopara obduscens*)

Planning for next year:

- If you had Impatiens downy mildew, use a...

Impatiens Downy Mildew

States with confirmed reports of impatiens downy mildew in the landscape in 2012



Fresh & Stunning
Shade
Solutions

**Ball was the first to Alert!
First to provide alternatives
First to fix the Problem!**

- Ball Seed to landfill. Do not compost.

BallSeed

Shade Annuals

BallSeed

Grows Stronger Shines Longer!



NEW Beacon[®] Series F₁ Impatiens



NEW Bright Red



NEW Coral



NEW Orange



2022 NEW Rose



NEW Salmon



NEW Violet Shades



NEW White



NEW Red White
Mixture



NEW Select Mixture

11 Weeks After Transplant, Beacon is Thriving



Beacon™ White



Super Elfin® XP White

Venhuizen, NL Week 36, 2018

IDM Preventative Fungicide Recommendations

- Exhibit high genetic resistance to IDM without the use of chemicals.
- Not immune
- Can be grown successfully without preventative IDM fungicide applications.
- It is not necessary to apply preventative fungicides for IDM disease management with Beacon Impatiens in either young plant or finish production.
 - If IDM prevention is part of an overall spray program for susceptible genetics, Beacon's performance will not be affected if they are also treated.
- Scenarios where preventative IDM fungicides may be recommended:
 - Plugs or plants are being produced where Impatiens are currently growing in the landscape, (which could expose greenhouse or nursery-grown plants to high levels of natural inoculum), and then shipping to other regions.
 - Receiving plugs or plants from a region where Impatiens are currently growing in the landscape and susceptible genetics are being grown at the recipient location.

Florida Growers

Transplant Error Leads to a Great
Demonstration of High
Resistance!

Florida Grower Trial
Week 46, 2018

**Beacon White
and
SE XP White
accidental mixed when transplanted.**

No IDM Prevention Used.

IDM pressure was high – SE XP White
dying, Beacon White thriving.



Before with Super Elfin imp

Susceptible Variety June 1st
infected with IDM



After re-plant with Beacon In same diseased planting holes!!

Same beds replanted with Beacon (June 3rd) with
no fungicide treatments on plants or beds.
Picture taken 7/27



3% of sales to lesser known charities

BEACON
IMPATIENS

HELLO BEACON

THE BEACON STORY

BEACON SHINES THE LIGHT

BEACON® SHINES THE LIGHT

Your Beacon Purchase Makes a Difference!

In the spirit of bringing light – and happiness! – to gardens everywhere, PanAmerican Seed will donate 3% of its global Beacon Impatiens sales to a less-widely known charitable organization each year.

For the 2020 garden season, the donation will go to the Osteogenesis Imperfecta Foundation (OI). The MISSION of the OI Foundation is to improve the quality of life for those living with osteogenesis imperfecta through research, education, awareness and mutual support.



“Shining light on OI, a rare disorder, is one way PanAmerican Seed as a company can put the devastating effects of Impatiens downy mildew behind us, and put the next generation of garden Impatiens to work for others.”

– Sean Valk, Global Director of Sales for PanAmerican Seed.

It is estimated that approximately 25,000 to 50,000 people in the United States alone have OI.

The OI Foundation began in 1970, when a small group of parents from around the nation met in Chicago to discuss OI and its problems. At that time, they banded together to stimulate public and professional interest, support families and encourage research. Today, many of the people who serve on the board of directors and oversee the Foundation's operation have OI themselves or are parents of children with OI.

Visit OIF.org



Did You Know?

There is evidence that OI has affected people since ancient times. It has been recognized in an Egyptian mummy of an infant from about 1000BC.

Beacon Impatiens on the Red Carpet

January 26th, 2020



Tu Bloom Designs



14 Top Ten

These were our best overall performers
NC State standouts for the whole season!

Ground:

Angelonia 'Serenita White'

Cuphea 'Honeybells'

Geranim 'Galaxy Pink'

Petunia 'ColorRush White'

Salvia 'Purple & Bloom'

Container:

Begonia 'On Top Pink Halo', 'On Top Sun Glow', 'On Top Melon Lace', 'On Top Sunset Shades'

Hanging Basket:

Calibrachoa 'Kabloom Pink', 'Kabloom Cherry', 'Kabloom Yellow', 'Kabloom White Improved', 'Cabaret Good Night Kiss'



43 Leaders of the Pack

"All Season Average" of 3.5 or better.

Arboretum consider this the arbitrary cutoff rating for a "significant performer" in Raleigh.

Ground:

Angelonia 'Serenita White', 'Serenita Sky Blue', 'Serenita Rose'

Cuphea 'Honeybells'

Dahlia 'Venti Royal Purple'

Geranim 'Galaxy Pink', 'Galaxy Dark Red', 'Galaxy White'

Impatiens 'Beacon Bright Red', 'Beacon Violet Shades', 'Super Elfin Bright Orange'

Pentas 'Lucky Star Lipstick', 'Lucky Star White Improved', 'Lucky Star Violet'

Petunia 'ColorRush Purple', 'ColorRush Watermelon Red', 'ColorRush White',

'Easy Wave Pink Passion', 'Wave Carmine Velour'

'Headliner Dark Saturn'

Salvia 'Purple & Bloom', 'Skyscraper Orange'

Zinnia 'Zesty Scarlet'

NC STATE
UNIVERSITY

TOP
10

NEW On Top[®] Series F₁ Tuberos Begonia

Tolerate more heat and
sunlight than other begonias.

2 to 5-in.flowers.

Bloom early and flower longer
than other varieties.

Height: 10 to 12 in./25 to 30 cm

Spread: 10 to 12 in./25 to 30 cm

Plug crop time: 7 to 8 weeks

Transplant to finish: 8 to 13 weeks

Seed supplied as: Pelleted with 85% Min. Germ.
Standard



NEW Sunset Shades

On Top[®] Begonia Series



Fandango



Fandango



Melon Lace



Melon Lace



Pink Halo



Sun Glow



Sun Glow



Sunset Shades



Sunset Shades

NC STATE
UNIVERSITY

TOP
10



Kabloom[®] Series F1 Calibrachoa

Hanging Baskets

First-of-its-kind Kabloom **Seed Calibrachoa**
Quarts, 4 to 6-in, hanging baskets and mixed
combos.

Easy-sow pelleted seed makes it easy to order
and ready to ship, fits right into mechanized
production and assures easy inventory
management.

Height: 8 to 12 in./20 to 30 cm

Spread: 10 to 14 in./25 to 36 cm

Plug crop time: 5 to 8 weeks

with 80% Min. Germ. Standard

Transplant to finish: 7 to 11 weeks

Seed supplied as: Precision Multi-Pellets



Kabloom[®] Series F1 Calibrachoa

Calibrachoa

- 'Kabloom Pink'
- 'Kabloom Cherry'
- 'Kabloom Yellow'
- 'Kabloom White Improved'

Height: 8 to 12 in./20 to 30 cm

Spread: 10 to 14 in./25 to 36 cm

Plug crop time: 5 to 8 weeks

80% Min. Germ. StanTransplant to
finish: 7 to 11 weeks



NEW Blue is a rich, deep blue with large flowers that is great for combos.



NEW Cherry is a very consistent performer with a great habit and large cherry-red blooms.



NEW Coral has a rich, warm color and is a favorite in trials.



NEW Pink has large flowers and a beautiful mounded habit. The medium pink bloom is offset by a striking bright yellow throat.



NEW Light Pink Blast is the first bicolor for the series, with light pink blooms and a rose-red ring at the base, plus a yellow eye; it's great for mixing with other colors, like cherry or coral.



NEW White Improved has the same vigor and PGR sensitivity as the other Kabloom colors, so you can mix and match them more freely for your combo needs.



NEW Orange offers a true, deep orange that holds its color well in the sun, along with dark foliage.

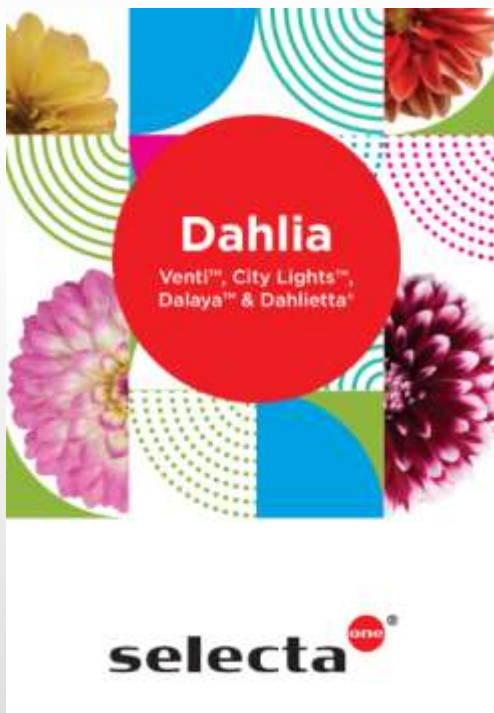


Denim produces flowers with darker blue tones under lower light and cooler conditions.



Yellow features a more upright plant structure.

City Lights = Dark Leaved Series



Dahlia City Lights™ 'Purple' by Selecta



Golden Yellow



Lavender Pink



Purple



Red

NEW Venti Dahlia

Large Flowered Landscape Dahlia

Golden Yellow

Lemon

Passion Fruit

Red+White

Royal Purple

Light Rose

Tequila Sunrise

Pink+White

White

Height: 16 - 18" (41 - 46cm)

Spread: 14 - 16" (36 - 41cm)

Exposure: Partial Sun, Sun



NEW Tequila Sunrise



 **Venti™**
Dahlia

NEW Venti Dahlia



NEW Golden Yellow



NEW Lemon



NEW Light Rose



NEW Passion Fruit



NEW Pink+White
Eye



NEW Red+White



NEW Royal Purple



NEW Tequila Sunrise



NEW White

Leader
of the



Canary Wing Begonia





TOP
10

Cuphea Honeybells

Roots faster
Grows at lower
temperatures
**High resistance to
Oedema.**

Takes the **Southern
heat** in a basket!



Cuphea 'Honeybells' by **Ball FloraPlant**

Cuphea hybrida

Height: 10-12" (25-30cm)

Spread: 14-20" (36-51cm)

Exposure: Partial Sun, Sun

FlameThrower™ Series Coleus

Vegetative

Late, or never
flowering

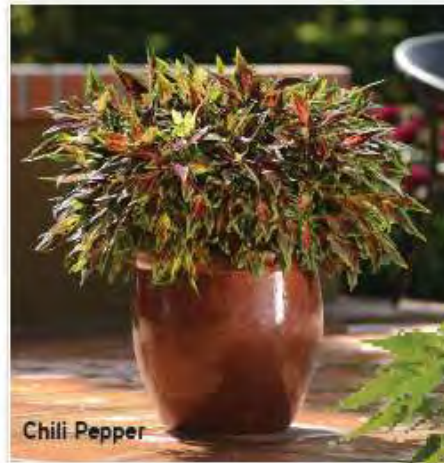
Sun or Shade

Garden location: Full Sun and
Full Shade

Finished height: 18 to 24 in.

Finished spread: 16 to 18 in.

Garden spacing: 16 to 18 in.



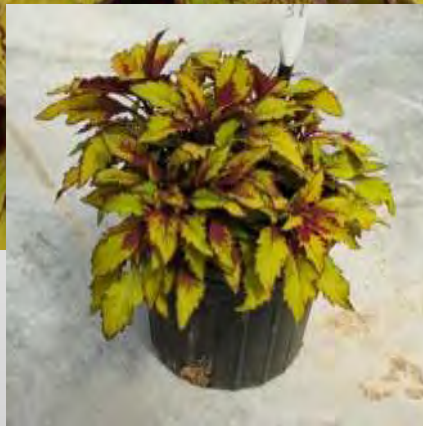
FlameThrower Series Coleus



Chipotle



**Spiced
Curry**



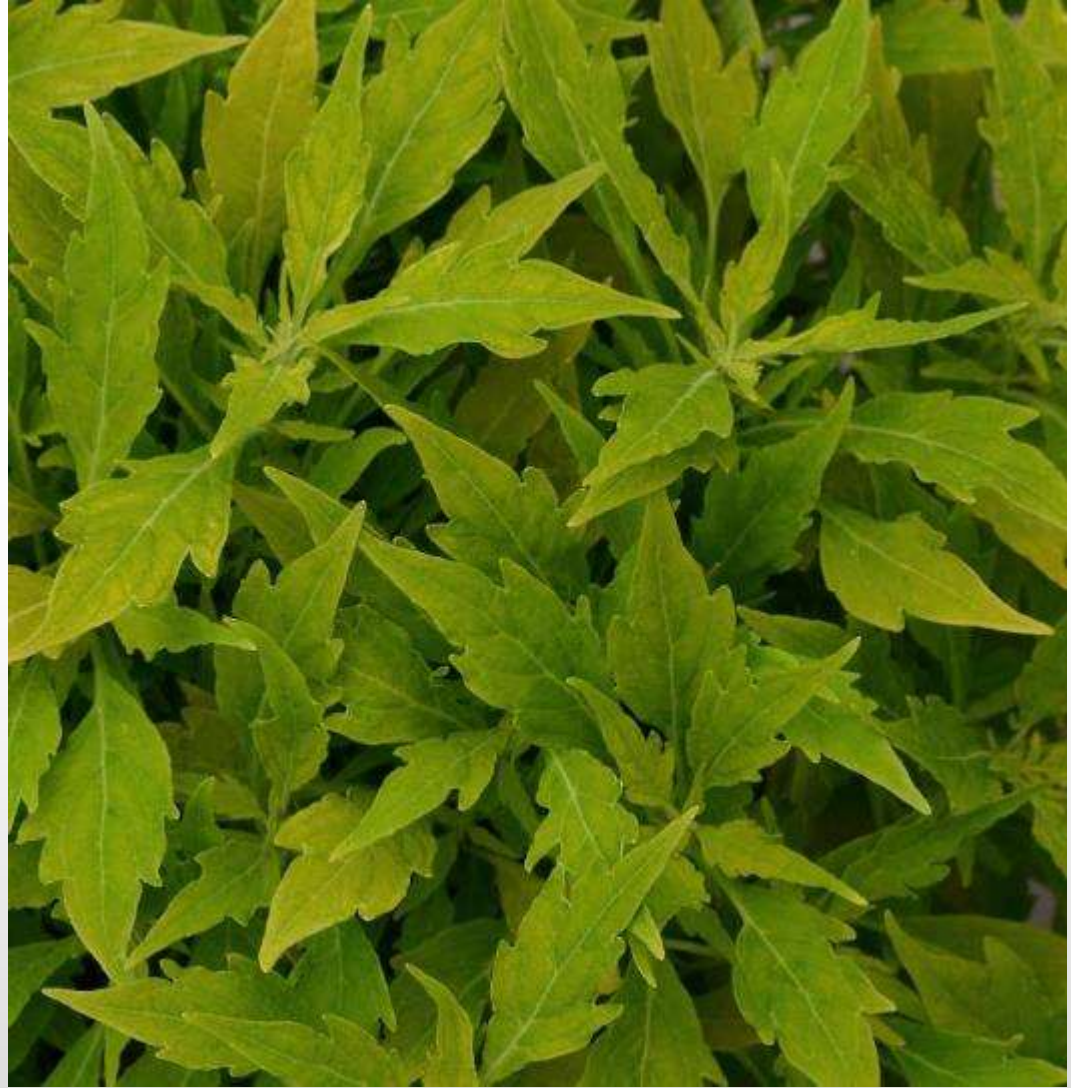
**Chili
Pepper**

FlameThrower Series – Salsa Verde

Similar habit to Chili Pepper

Vigorous

Mixed combinations and quarts



Garden location: Full sun, Shade

Finished height: 12 to 18 in.

Finished spread: 16 to 18 in.

Garden spacing: 16-18.





Salsa Roja



Serrano



Coleus

NEW
FlameThrower
Salsa Roja

THE BARRETT COMPANY

MixMasters™ NEW 5 Alarm Chili

- Coleus
FlameThrower™
Chili Pepper
- Coleus
FlameThrower
Habanero
- Coleus
FlameThrower
Spiced Curry

MixMasters

- ✓ Sun AND Shade
- ✓ Trendy foliage



MixMasters™ NEW Vindaloo Vision

- Coleus
FlameThrower™
Chipotle
- Coleus
FlameThrower
Salsa Verde
- Coleus
FlameThrower
Spiced Curry

MixMasters

- ✓ Sun AND Shade
- ✓ Trendy foliage



MixMasters™ NEW The Whole Enchilada

- Coleus
FlameThrower™
Habanero
- Coleus
FlameThrower
Salsa Verde

MixMasters

- ✓ Sun AND Shade
- ✓ Trendy foliage





NEW Heartbreaker Coleus

Beautiful pink foliage pattern does not fade in the full sun!

Matches Henna for habit.

Full-bodied plant is great for the landscape or large pots.



August 2019
West Chicago



Ball Vegetative Lantanas

Landmark

Large
Semi-Sterile
Landscape

Spacing: 15 - 20" (38 - 51cm)
Height: 15 - 20" (38 - 51cm)
Width: 18 - 24" (46 - 61cm)



Lucky

Semi-compact

Landscape

Spacing: 12" (30cm)
Height: 12 - 16" (30 - 41cm)
Width: 12 - 14" (30 - 36cm)



Little Lucky'

Compact

Containers, small spaces
Flowers early in higher light

Spacing: 10" (25cm)
Height: 10 - 12" (25 - 30cm)
Width: 10 - 12" (25 - 30cm)





Lantana Lucky™ 'Sunrise Rose' by **Ball FloraPlant**

Lucky™ Lantana

New Lucky Peach is similar in habit and size to Pot of Gold.

Stands up to heat, drought and other stressful conditions.

The most branching of any variety in the series



Lucky Star Series F1 Pentas

Tight, compact habit keeps plants looking tidy with virtually no effort.

3 to 5-day bloom window.



Spacing: 8 - 10" (20 - 25cm)

Height: 12 - 16" (30 - 41cm)

Width: 12 - 14" (30 - 36cm)



NEW Lucky Star Lavender (left) versus Graffiti Lavender (right)



Lucky Star Series F1 Pentas



Dark Red



Deep Pink



Lavender



Pink



Violet



White





Electric Orange



Magenta

**Sunpatiens Interspecific
Vegetative
Compact series
15 colors
For Full Sun!
Up to 32" x 24" wide**



New Tropical Rose



*Interspecific impatiens
for the sun!*

SunPatiens® Compact Series Impatiens

NEW Orchid Blush expands the series that loves the sun as well as the shade!

Tolerates all weather, from Spring through hard frost.

Compact series is bred for small pot production and is resistant to disease, with fast rooting for reduced crop time.

Exceptional outdoor performance.



SunPatiens® Vigorous Series Impatiens

NEW Lavender Bicolor

Sun or shade conditions

Best planted warmer temps for rooting.

Flourishes in extreme **heat** and blooms continuously

Last well into Fall



NEW Tropical Orange



NEW Orange Improved





Deep Rose

Electric Orange

Fire Red

Hot Coral

Sunpatiens Compact Series



NEW Glamour Improved Euphorbia

- The best variety for in-ground performance.
- Early to flower, with the vigour to hold up to a variety of weather challenges.





SolarPower Series Ipomoea



Black



Lime



Red

SolarPower™ Ipomoea

Black Heart

Lime Heart

Red Heart

New heart-shaped leaf

Densely branched

More compact!

Baskets, containers, in ground



NEW Lime Heart



NEW Black Heart



NEW Lime Heart



NEW Red Heart



In Ground!



NEW SolarTower™ Ipomoea

NEW Black
NEW Lime

The first-ever self-climbing ipomoea!

Ideal for patio pots with a small trellis,
as a topiary or on a vertical wall
planting.

Also recommended as a thriller in
mixed combos, climbing up a small
bamboo stick.





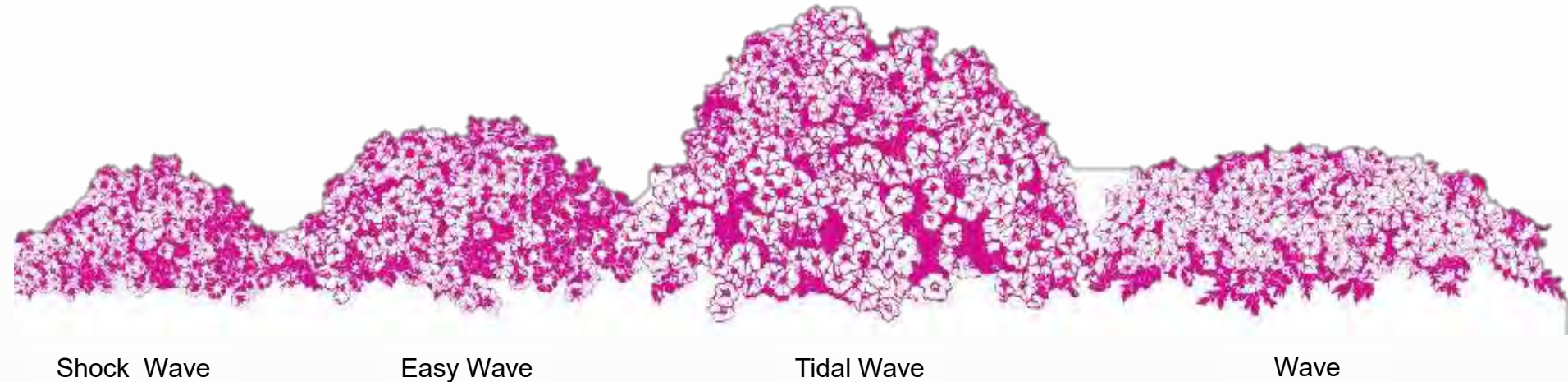
Original Wave Purple





Gully Garden Center
Fort Collins, CO

Wave Spreading Petunia Family



Wave petunia in the landscape

Preventing *Rhizoctonia*, and *Pythium* disease

1. Do not replant petunias in contaminated beds
2. Alternate different plants in same bed over time
3. Do not overwater – petunias prefer well-drained soil and less water when the plant matures

Easy Wave® Series F1 Spreading Petunia



NEW Lavender Sky Blue

Height: 6 to 12 in./15 to 30 cm

Spread: 30 to 39 in./76 to 99 cm

Plug crop time: 4 to 6 weeks

NEW

Tidal Wave Petunia Carmine Velour

**Leader
of the**



Also, I will say that one of the biggest stories is the continued success of Spreading Petunia Wave Carmine Velour.

We never have petunias continue to bloom through August in southern Louisiana, but in partial shade, this one did. It was amazing!

Jeb Fields Trials Manager

University of Wisconsin – West Madison

NEW Wave Carmine Velour Petunia



NEW Wave Carmine Velour shows strong garden performance in Elburn, IL Week 30, 2018



NEW Wave Carmine Velour (R) has the same flat, free-flowering and strong garden performance as Wave Pink (L). Elburn, IL Week 32, 2017

ColorRush™ Petunia

NEW Merlot Star

NEW Purple

NEW Watermelon Red

NEW White

Pink

Vegetative

Compare to Supertunia

Tough, takes the heat and rain

Spreading

Baskets and in ground



NEW Watermelon Red





ColorRush™ White

UGA Trials, August 23, 2019

Leader
of the



Petunia ColorRush™ 'White' by Ball FloraPlant





NEW Purple & Bloom Salvia

Super pollinator Plant!!!

Offers the same flower power and performance as Black & Bloom.

25% more compact than the leading competitor; it is easy to produce, requiring less PGRs.

Large-bodied plant is great for the landscape or large containers.

Height: 40-48" (102-122cm)

Spread: 36-48" (91-122cm)

Exposure: Partial Sun, Sun





NEW Roman Red Salvia

The only vibrant red interspecific salvia on the market!

Offers exceptional landscape performance when compared to *Salvia splendens*.

Heat!

Pollinator plant



Salvia splendens x darcyi

Garden location: Partial Sun, Sun

Finished height: 28 to 34 in. (71 to 86 cm)

Finished spread: 28 to 36 in. (71 to 91 cm)

Garden spacing: 20 to 26 in. (51 to 66 cm)

USDA Hardiness Zones: 8a to 11 (10 to 40°F/ -12 to 4°C)



NEW Skyscraper™ Salvia



This season extender
great for late-Spring to
Fall sales.

Sturdy stems are ideal
for shipping and for
hold at retail.

Pollinator Plant!



Skyscraper™ Pink



Skyscraper™ Dark Purple



Skyscraper™ Orange

Salvia cultivars

location: Partial Sun, Sun

Height: 14 to 28 in. (36 to 71 cm)

Spread: 10 to 16 in. (25 to 41 cm)

Garden spacing: 12 to 18 in. (30 to 46 cm)

USDA Hardiness Zones: 7b (5°F/-15°C)

SALVIA MYSTY

Shorter version of Mystic Spires.

Perfect for the middle of garden borders and 10- to 12-inch mixed containers

Salvia longispicata X *farinacea*

Garden location: Sun

Finished height: 18 to 24 in.

Finished spread: 12 to 18 in.

Garden spacing: 12 to 18 in



USDA Hardiness Zones: 7a to 10b (0 to 35°F/ -18 to 2°C)

Mystic Spires vs. Mysty





EnduraScape™ Series Verbena

Verbena for heat and cold

Tolerates the low teens,
and still rebloom in Spring

Excellent powdery mildew
resistance.



EnduraScape™ Pink Fizz



EnduraScape™ White



EnduraScape™ Blue



EnduraScape™ Magenta



EnduraScape™ Pink Bicolor



EnduraScape™ Purple



EnduraScape™ Dark Purple



EnduraScape™ Hot Pink



EnduraScape™ Red


Verbena peruviana

Garden location: Sun

Finished height: 8 to 12 in. (20 to 30 cm)

Finished spread: 18 to 24 in. (46 to 61 cm)

Garden spacing: 18 in. (46 cm)



Endurascape Blue
West Chicago, IL
8-1-2016



Tattoo Series Vinca

- Novelty Bi-Color
- Best in containers



NEW Raspberry

Height: 10 to 14 in./25 to 36 cm

Spread: 6 to 8 in./15 to 20 cm

Plug crop time: 5 weeks

Transplant to finish: 5 to 6 weeks

New Colors for 2020

NEW Black Cherry: Swirls of cherry and raspberry are lightly airbrushed with black tones. US PVPAF



NEW Papaya: Beautiful, soft “orangesicle”-toned petals are marked with an inky black eye. US PVPAF

NEW Raspberry: Deep raspberry blooms mature to a soft rose color, each accented with an inky black eye. US PVPAF



NEW Tangerine: Swirls of black airbrushed onto tangerine-color blooms with a bright eye. US PVPAF

Double Zahara Zinnia Raspberry Ripple

The only fully double, disease-resistant zinnia series

hot and dry conditions.
Dry landscapes and Containers



https://www.panamseed.com/plant_info.aspx?phid=065705372004450

Zinnia marylandica

Spacing : 8 - 10" (20 - 25cm)

Height : 16 - 20" (41 - 51cm)

Width : 16 - 20" (41 - 51cm)

Exposure : Sun





NEW Zesty Series Zinnia

- Extraordinary garden appeal!
- Features fully double flowers and excellent garden vigour.
- Display huge, vibrant colours all season long.
- Impressive in containers, mixed combinations and borders.
- Pollinators love this plant!



Height: 18 to 24 in./46 to 61 cm

Spread: 18 to 24 in./46 to 61 cm

Plug crop time: 3 to 4 weeks

Transplant to finish: 6 to 7 weeks

NEW Purple



Zinnia Zesty™ 'Purple' by Ball Ingenuity

NEW Zesty Series Zinnia



NEW Fuchsia



NEW Pink



NEW Purple

Fuchsia
Pink
Purple
Scarlet
White



NEW Scarlet



NEW White



NEW Mixture

Mixture:
All the colors,
plus yellow
(not available
separately).



NEW Fuchsia

Perennials

Dianthus Rockin'

UGA Best of the Best, Oct. 3, 2019

Perennial quart and gallon programs for mid-Spring and the Slightly scented flowers

Reliably overwinters to USDA Zone 5 (-20°F/-29°C minimum temperatures).

The best color in the high light and cool temperatures



Dianthus Rockin'™ 'Pink Magic' by PanAmerican Seed – Kieft Seed

Dianthus x barbatus interspecific

Hardiness Zone : 5a - 8b

Blooming Season : Early Spring, Spring, Late Spring, Summer, Autumn, Winter

Plant Habit : Upright

Spacing : 12" (30cm)

Height : 18 - 24" (46 - 61cm)

Width : 10 - 12" (25 - 30cm)

Exposure : Partial Sun, Sun



Rockin'™ Pink Magic
Dianthus



Rockin'™ Purple
Dianthus



Rockin'™ Red Dianthus



Rockin'™ Rose Dianthus

Digitalis Arctic Fox Rose



Long flowering · Winter hardy hybrid Digitalis · Amazing flower power

Zone 5a – 9a



Digitalis
Arctic Fox Rose

New Vintage Series Achillea

Compact and heavy
flowering

No “Brown out” -blooms
retain color longer.



Achillea millefolium

Garden location: Full Sun

Finished height: 12 to 14 in. (30 to 35 cm)

Finished spread: 10 to 12 in. (25 to 30 cm)

Garden spacing: 12 to 14 in. (30 to 35 cm)

USDA Hardiness Zones: 4 to 9

White

New Vintage Series Achillea



Red



White



Rose



Violet

ACHILLEA MILLY ROCK

Zone 5a – 9a

Shortest Achillea available

*Great for low perennial
landscapes*





Best of the Best
UGA



Caryopteris 'Gold Crest' by Darwin Perennials

Caryopteris Gold Crest

Zone 6a – 9a

Grows quickly

Attractive non-burning, gold-colored foliage will attract attention at retail

Accented by bright blue flowers in late-Summer and Fall



SEED Echinacea

First Year Flowering

Uniform bed appearance
and timing

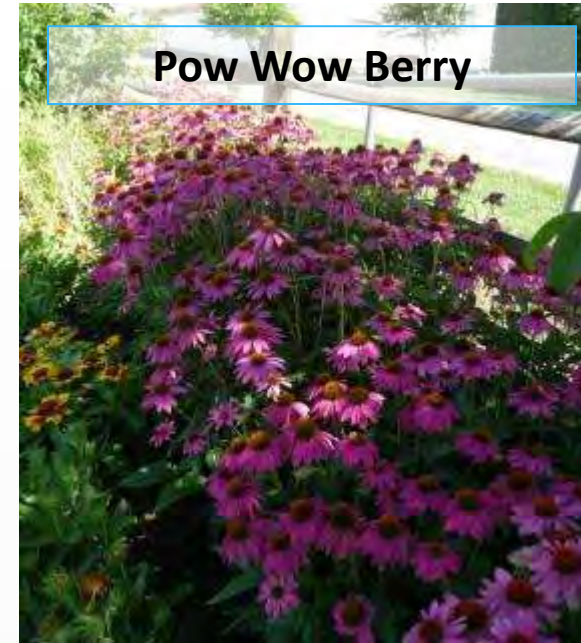
Zone : 4a - 10b

Bloom: Late Spring – Fall

Spacing : 10 - 14"

Height : 18 - 30"

Width : 10 - 20"



Ball Echinacea. All Forms
Vegetative, Seed, Wildflower Mix



Industry Top Picks



Echinacea Sombrero® 'Tres Amigos' by Darwin Perennials

Echinacea Sombrero Series

Vegetative

Extremely hardy series

All varieties well-matched for habit
and timing



Echinacea Sombrero Summer Solstice



Echinacea Sombrero Tango Tangerine



Echinacea Sombrero Blanco



Echinacea Sombrero Adobe Orange



Echinacea Sombrero Baja Burgundy



Echinacea Sombrero Flamenco Orange



Echinacea Sombrero Granada Gold



Echinacea Sombrero Hot Coral



Echinacea Sombrero Lemon Yellow Improved



Echinacea Sombrero Salsa Red



Echinacea Sombrero Sangrita



Echinacea Sombrero Tres Arrigos

Garden location: Full sun

Height: 22 to 24 in.

Spread: 24 to 26 in.

Bloom months: June to August

USDA Hardiness Zones: 4 to 9



Best of the Best
UGA



Eupatorium Euphoria™ 'Ruby' by Darwin Perennials

Eupatorium Euphoria™

Dwarf Joe Pye Weed

Compact, early flowering
Eupatorium

Works great in containers for
extended Summer sales

Great for pollinator gardens

Rabbit resistant



Zone 5a – 9a



NEW Lavandula SuperBlue

L. angustifolia

Largest blooms of any *L. angustifolia* variety on the market

Rich deep blue blooms on short flower spikes

Excellent Winter hardiness and persistence in the landscape

Hardiness Zone : 4a - 9b

Hardiness Degree : -30° F

Blooming Season : Late Spring, Summer, Late Summer

Spacing : 12 - 14" (30 - 36cm)

Height : 10 - 12" (25 - 30cm)

Width : 10 - 12" (25 - 30cm)

Exposure : Sun

Lavender angustifolia Annet

Zone 5a – 9a

Long-flowering English
Lavender

No vernalization required

Large flowers throughout
Summer



Blue Steel Perovskia

- *From Seed!*
- Can be grown in smaller pots for bedding out like annuals.



Garden location: Full sun

Finished height

First year: 18 to 24 in./

Second year and on: 30 to 36 in.

Finished spread

First year: 14 to 22 in.

Second year and on: 20 to 28 in.

Garden spacing: 16 to 24 in.

USDA Hardiness Zones: 4 to 9

Sedum Prima Angelina

Hardy to Zone 5



Winter Color



NEW



New Beacon® Impatiens

High resistance to Impatiens downy mildew

[Learn More](#)

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Get insights from our experts in your inbox.

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Landscape Products
for Professionals

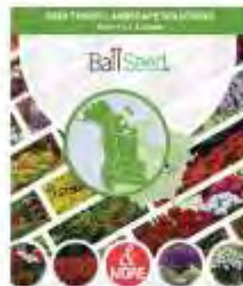
BallSeed.

2020 THRIVE

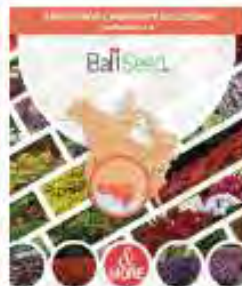
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Ball Seed offers top-performing landscape varieties you can count on to THRIVE. Choose your region below to download expert plant recommendations in your area.

Want a full-size poster? [Contact your Ball Seed sales rep or Ball ColorLink.](#)



Western US & Western CA

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Southwest US

[Download PDF](#)Midwestern, Northeastern
US & Eastern CA[Download PDF](#)

Southeast US

[Download PDF](#)

Gulf States US

[Download PDF](#)

Grow a Landscape Favorite Again with NEW Beacon® Impatiens!

BEACON
IMPATIENS

From PenAmerican Seed®

GROWS STRONGER, GROWS LONGER

Impatiens walleriana is back in the shade without the risk of disease!

Extensive testing has proven that Beacon Impatiens provides genetic high resistance to Impatiens dieback and other devastating diseases for healthy and beautiful replacements.

Plus, they can be given the you used to grow Impatiens without any fungicides or special care regimen.

For fast shipping, ask us to ship in the shade! Plus, we have all Impatiens types listed to grow.

Visit ballweekend.com/beaconimpatiens for more information.

TOP TIPS FOR LANDSCAPE PLANTING SUCCESS

Plant "Beds"

- Work on a job with your green for realistic timing on propagation delivery
- Note that root bound plants suffer more transplant shock (depending on the species)
- Know your soil – pH & Salts
 - Spike for greater air porosity – patch waste more air than water
 - Organic matter increases air porosity
 - Soil pH, or how tight nutrients hold to soil (pH "range")
 - Less than 6.0 = Nutrients leached = Small leaves, marginal necrosis
 - Greater than 7.5 = Nutrients bound tight = Young root rotting
 - Low EC = Soil wash plants
 - High EC = Marginal necrosis (brown edges) and stunted plants

- Watering – 5% of available water is watered
- More plants die due to overwatering than to under watering
- Replace water as plants fill in the beds
- When leaves touch, they're not enough!

Fertilization – 3 elements to promote plant health and growth

- N (Nitrogen): "Gas" to grow
 - P (Phosphorus): Stem strength, roots and flowering
 - K (Potassium): "Muscle" how rigid the plant is
- Plant for success – Avoid soil compaction!
- Detail beds
 - Cultivate the soil before planting
 - When possible, work from perimeter – stay out of the bed!
 - Avoid "knee deep" – Working compacts the soil
 - Large beds
 - Cultivate from the center out and plant as you go, cultivate the edge and plant as you go or work from one side to the other
 - Match center of plant tray soil should match the medium center of the destination bed soil
 - Match crown of plant to the soil level (for you would a tree)

Visit ballweekend.com for more tips for planting success.

WHAT TO ORDER WHEN

Western U.S. & Canada

JANUARY	FEBRUARY	MARCH	APRIL
PRE-BOOK Fall colors, perennials and more – look for best availability	ORDER Spring and warm-season color plus Fall perennials		ORDER Fall annuals
MAY	JUNE	JULY	AUGUST
	ORDER Fall perennials, garden beds, cyclamen and other cool-season color		
SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
PRE-BOOK Spring and warm-season color plus Fall perennials for best availability		ORDER Spring and warm-season color	

Top-performing landscape varieties you can count on

For more information about these reliable varieties for the landscape, visit our website at Balllandscape.com

Western U.S. & Canada



Thanks!

