Bounce Series Compact Interspecific Impatiens

Growers and Retailers:

All-new genetics offer great opportunity to merchandise a shade product with confidence!

- Downy mildew resistant
- Bounces back after wilt
- Thrives in sun and shade
- Impatiens walleriana habit and flower count

Bounce Interspecific Impatiens have been bred and selected to provide growers and landscapers with a low-maintenance and versatile crop that performs in both the sun and the shade.

No apical dominance and great branching means excellent spreading habit and coverage in the landscape... they fill out first, then up.

Bounce Impatiens Propagation Culture

- Minimize moisture stress under during propagation
- 4-7 days under mist
- Air Temp: 70-74
- Soil Temp: 72-74
- Start drying down soil after roots emerge on day 4-6
- 3 to 4 week root time in a 100 cell tray
- Use temp, light and moisture to control growth
- If PGR is needed use B9 or B9/Cycocel
- No Pinch necessary!
- Transplant before they start to stretch

Bounce Impatiens Finished Culture

- Grow on with similar culture to NGI or Sunpatiens
- Air Temp: 65-70; Soil Temp: 63-70
- Light Levels: 4,000 – 6,000 FC
- Fertilizer: A well-balance feed at 125-200ppm N works well
  - Watch for EC build up and periodically leach with clear water to avoid
- Media pH: 5.8-6.2…Low pH can slow this crop down so weekly monitoring is ideal
- Growth Control: Use temperature, light, moisture and fertility to control growth
  - If more control is needed B9 @ 2,500ppm or B9/Cycocel @ 1,500/750 works well
  - Avoid Bonzi (paclobutrazol) applications
  - Watch for mites (spray preventatively) and thrips
Bounce Impatiens Top Mistakes to Avoid

- **Poor moisture management**
  - Too wet will make for soft plants that are slower to flower and lack tone

- **Wrong pH**
  - Some varieties, especially the Bounce Violet have shown some sensitivity to low media pH... be sure you are in the 5.8-6.2 range

- **High EC**
  - Just like a NGI, a high EC in the media can restrict growth and slow down flowering... it also make the roots more susceptible to damage when moisture stressed

- **Low light**
  - Bounce can handle high light and that will give them better branching and more flowers

- **PGR overdose**
  - Too much PGR early will quickly reduce the quality

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Grand Rapids, Michigan

Dalaya Series Dahlia

- **NEW Devi**
- **NEW Raja**
- **NEW Shiva**

Growers: More unique colors in a superior-branching, medium-vigor dahlia. Ideal for 1 gallon production.

Retailers: Bold color drives impulse sales, while garden performance drives repeat sales. Dalaya has superior powdery mildew resistance – holds up well.

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Dalaya Dahlia Culture Notes

- Best results when propagated and grown under long days... use night interruption lighting
- Rooting hormone will help make propagation more uniform but is not necessary
- Avoid hard wilt to minimize stress to the roots and disease
- PGR of choice is B9/Cycocel tank mix
- Moderate fertility requirements
- Pinch will help develop branching

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Biggest Mistakes with Dahlias

- Not utilizing Night Interruption lighting... 10pm – 2am
- Pinching too late or after liner has stretched
  - Keep internodes close together with early PGR applications if needed
- Too much moisture stress
  - Root rot can be a problem, especially after a hard dry down

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Dalaya Dahlia, Perfect for Large Containers
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3- Key Petunia Product Forms

- STARLET
  - 6 – Packs
  - 1– Quart
  - 2 Quart
  - 12“ Baskets
  - Mixed Containers
- HEADLINER
  - 12“ Baskets
  - Mixed Containers
- FAMOUS
  - 14“ & Larger Baskets

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Nightfall (2015 intro)
- Petunia Starlet
  - Lavender Star
- Verbena Blues Sky Blue
- Calibrachoa MiniFamous
  - Compact Blue

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Trixi™

Cherry Kiss (2015 intro)
- Petunia Starlet
  - Lavender Star
- Verbena Blues Sky Blue
- Calibrachoa MiniFamous
  - Compact Blue

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Trixi Petunia Comparisons

- Petunia Headliner Electric Purple
- Calibrachoa MiniFamous
  - Light Pink+Eye
- Verbena Blues Pink

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Trixi Cultural Notes

- Mixes with Starlet Petunias will normally have less vigor than those with Headliner Petunias
- Mixes with Bidens may need a later trim to keep in check
- Pinch or trim on time:
  - A late shear or pinch on any mix will delay flowering so time it appropriately
- Avoid early PGR applications unless you know the varieties, but use late Bonzi (paclobutrazol) drenches to hold and improve shelf life
- Example of a 12” HB schedule:
  - TP a pinched liner
  - 4-5 weeks later trim and hang or space the container
  - 4-5 weeks later ready to ship

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Trixi Mixes

- Ready to Ship!
  - At 5 Weeks
  - 2-3 weeks after TP
2015 Top New Intros

EnduraScape Verbena – Tougher Verbena

NEW Blue
NEW Dark Purple
NEW Hot Pink
NEW Lavender
NEW Red

Growers and Retailers: Five exciting new colors in EnduraScape, the vigorous landscape verbena!

Enduro won’t cycle out of flower in heat (100°F+) and is hardy to low teens!

Enduro Series Verbena

• Highest vigor Endurascape varieties
• Purple has an aggressive spreading habit, Dark Purple has a more upright and spreading habit
• Cold finishing the liner and the finished container will help control growth
• PGR applications will be necessary if grown warmer, especially later in the Spring

• B9/Cycocel @ 2,500/1,000ppm can be effective early, but stronger control will be needed later and as the crop closes in and the days get longer
Endurascape Series Medium Vigor Varieties

- These are vigorous verbena varieties but are in the middle vigor range of the series
- Vigor is just below the Purple and Dark Purple so similar growth control will be needed with appropriate adjustments

Endurascape Series Lowest Vigor Varieties

- Low to medium vigor for the series but still
- B9 or B9/Cycocel is effective
- B9 at 2,500 – 5,000ppm; Cycocel at 750 – 1,000ppm.

Keys to Success with Endurascape

- Put it in the right container
- Use temperature to help control growth.....Grow it cold if you can
- Don't be afraid to use PGR to help tone and control
- Be sure to pinch early.....late pinching will only delay flowering
- Watch for thrips late in the Spring
- Put it out early to show off its cold tolerance

Blue Eyed Beauty Osteospermum

- Retailers: Amazing bicolor reignites the osteo class! A great end cap opportunity for early-season impulse sales.

Blue Eyed Beauty Osteo Prop Culture

- Osteo have a longer mist time and higher mist requirements
- Avoid any wilt in the first 5-6 days in propagation.....a hard wilt will dramatically reduce uniformity and speed of rooting
- Rooting hormone will help to increase uniformity and speed rooting
- Once rooted, avoid stretch with cool temps or B9/Cycocel application
Blue Eyed Beauty Schedule

<table>
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<th>Liner Stage</th>
<th>Finish Stage</th>
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<tbody>
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<td>Week</td>
<td>1 2 3 4 5 1 2 3 4 5 6 7 8 9</td>
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Temperature

- WARM 65F
- Warm 62 F (nights)
- COOL 50 F (Nights)

Total Crop Time

NOTES

Liner Stage Notes:
- Avoid wilting
- Early Cycocel spray to reduce stretching

Finish Stage Notes:
- Provide as high of light as possible
- Pinch leaving 5 nodes below pinch
- Cycocel Drench to hold (If needed)
- Avoid B-Nine applications

Sun Spun™ Series Mounded Trailing Petunia

NEW Orange
- Early flowering series
- More compact vigor
- Well-branched, mounded habit
- Perfect of quarts, gallons, and mounded hanging baskets

FLASHMOB SERIES

- Medium to High vigor trailing habits
- Retail WOW - Bright eye catching morn colors
- Mixes well with other medium to high vigor components.
- Ideal for 12-14” containers
- Bluerific nominated for ‘Plant of the Year’ at Metrolina Trial Gardens

Suncatcher Series Trailing Petunia

NEW Blue Blast
NEW Plum Blast
NEW Yellow Improved

Growers: Three solid performers join the early-flowering series. New Yellow Improved offers better tolerance of cold temperatures.

Retailers: New ‘Blast’ pattern combines star and vein. Dark throat can be spotted from afar!
**Suncatcher Series Trailing Petunia**
- Plum Blast
- Yellow Improved

**MixMasters**
Growers: All combos can be sourced from one farm!
Growers and Retailers: 12 colorful new combos reinvent MixMasters!

**Multi-genera MixMasters**
- Petunia Sun Spun White
- Verbena Aztec Burgundy Wink
- Verbena Aztec Violet Wink
Retail-ready: Early Spring to Autumn
- Sunday Best Pink
- Outside the Box Bejeweled
- Color Magic Color Magic
- Over the Top Sweet Melody
- A Grape Fit A Grape Fit

**Cabaret Calibrachoa MixMasters**
All MixMasters with 3 Cabaret calibrachoa are perfectly matched for both vigor and flower timing.
- Calibrachoa Cabaret White Improved
- Calibrachoa Cabaret Bright Red
- Calibrachoa Cabaret Deep Blue
- Spirits United Spirits United
- Sprinkles on Top
- Sunday Best Pink
- Color Magic Color Magic
- Over the Top Sweet Melody
- A Grape Fit A Grape Fit

**2016 Top New Intros**
**SolarPower Series Ipomoea**

Growers: Best matched Ipomoea series on the market!
Most efficient in production.
Landscapers: Manageable habit is less work and friendly to companion plants. These also will not fade in the heat of the summer!

**Black & Bloom Salvia**

Growers/Retailer: More impact than Black & Blue. Thicker leaf, bigger bloom, darker stem!
Landscapers: Tough as nails: thrives in heat, drought and humidity. Desirable blue color against the black stem stands out in every landscape or container.

**Campfire Coleus**

COLOR!
COLOR!
COLOR!
A MUST in the landscape for proven performance like other stars Redhead and Wasabi. Sun and shade, late flowering, similar habit as Henna.

**FlameThrower Series Coleus**

Tons of texture and color. FlameThrower is so versatile!

Controlled habit makes for the perfect coleus in mid-borders and mixed containers.

You’re going to have fun with this one!
A Few Top Intros for 2016

**4D Series Osteospermum**
Growers: Better branching and easier to grow than previous 3D series. Shorter stems to pack more on a rack.
Retailers: High-impact, double-flowering plants stay open 24/7, driving early-season sales.

**4D Series Osteospermum**
Growers: Better branching and easier to grow than previous 3D series. Shorter stems to pack more on a rack.
Retailers: High-impact, double-flowering plants stay open 24/7, driving early-season sales.

**Close Up Calibrachoa**
New flower form, semi-double mini petunia with a twist of color. Bright Pink with white twist. Stand-alone star! Quarts and small baskets.

**Bellinto Series Fuchsia**
Growers: Day-neutral series is easy to grow for high-impact pots and hanging baskets.
Retailers: Exciting new options for early-season shade sales.
Bellinto Compact for quarts and small shade baskets
Bellinto for gallons and larger shade baskets.