

Begonia x benariensis F₁

BIG & BIG DeluXXe

The Ultimate Color Show

- Super-sized color for any landscape
- Focal point in large containers; baskets or mixes
- A premium product that's easy to grow
- Thrives in full sun to full shade
- Outstanding performance in all regions

I'M
KIND OF
A **BIG**
DEAL.



BIG in Berlin, Germany



Deep Rose Bronze Leaf



Pink Bronze Leaf



Pink Green Leaf
U.S. Patent No.: 9,295,208



Rose Bronze Leaf



Red Bronze Leaf



Red Green Leaf



Rose Green Leaf
U.S. Patent No.: 9,295,209



White Green Leaf
Utility Patent Pending

Begonia x benariensis F₁

BIG

XL!



BIG White Green Leaf

BIG Begonia, the most trusted
begonia in it's class. Period.



BIG Deep Rose Bronze Leaf

“THE Best
Landscape
Begonias
Worldwide.”

BIG is Beautiful!

- Better show of color – flowers on top of foliage
- Naturally shiny leaves give a “manicured” look
- Huge flowers last until frost
- Intense flower colors

BIG is Easy!

- Drought tolerant – only needs 2,5 cm of water per week
- Heat and cold tolerant
- Disease resistant
- Thrives in every region
- Handles the harsh transition from full sun to full shade

BIG is Profitable!

- Well branched plants fill in quickly
- Two weeks earlier than other begonias on the market



BIG DeluXXe Mix



BIG Begonia



@big_begonia
@iamkindofabigdeal_
#BIGbegonia

BIG DeluXXe is THE landscapers' favorite for low-maintenance, high-impact color.

Begonia x benariensis F₁

BIG DeluXXe

XXL!



Red Bronze Leaf



Rose Bronze Leaf



Red Green Leaf



Rose Green Leaf



White Green Leaf

New

BIG DeluXXe is even bigger!

- BIG DeluXXe begonias are 20-25% larger than BIG
- Eye-catching season extenders for large pots & baskets
- Perfect for large plantings
- Holds up to very cool temperatures once established
- Fewer plants needed for coverage
- A premium plant for premium programs



NEW BIG DeluXXe
White Green Leaf

Begonia x benariensis F₁

The perfect Team

Actual Size



You grow them about the same...

- Outstanding germination
- Consistent, uniform plug development
- Start from a large plug (128 or 144) for a fast, easy finish
- Space plants early for better branching
- Finish cool to help tone the plants and reduce stretch

...But in some ways they're different.

- Since BIG DeluXXe is bigger it takes just a little longer to build the plant; for best results, add a week to your finish crop time
- BIG can be grown in anything from a 306 pack to your largest hanging basket
- BIG DeluXXe is best in a 12,5 cm pot or larger

BIG DeluXXe are 20-25% larger than BIG!



Technical Information

Uses: Annual

Packs, pots, hanging baskets, mixed containers and landscape

Sowing method: 1-2 pellets per plug

Sowing media: pH 5.5-5.8; EC 0.5-0.75

No covering required.

Plug Culture

Temperature: Maintain 22-24 °C days 1-11.

For irrigation use warm water (above 18 °C) only.

Moisture: Begin with a saturated (5) for the first 10 days. On day 11 begin to alternate between a wet (4) and a moist (3) until day 21. On day 21 it is critical to begin a good wet (4) to dry (1) cycle. At this point you can alternate between a wet (4) and a medium (2).

Humidity: 95-100% until day 11; on day 11 dehumidify, moving from 100% to 40-60%.

Light: Light is not necessary for germination but will benefit by giving a faster, more uniform germination. Once established in stage two the light levels can be increased. On days 12-14 light levels can be increased to provide 6-8 mols/day or 2,000-2,500 ft. candles (20,000-25,000 lux).

Fertilizer: Maintain an EC < 1.0. Fertigation water should not exceed an EC of 0.5. Initial feeding should be with a balanced fertilizer low in ammonium. Begin feeding with a 14-4-14, 14-2-14 or 17-5-17 fertilizer at 50-60 ppm.

Growing On

Media: pH 5.5-5.8; EC 1.2-1.5

Avoid watering plants under high temperature and light when the leaf temperature is excessive.

				
BIG	60-80 cm	40 cm	Sun – Shade	Pelleted
BIG DeluXXe	80-100 cm	46 cm	Sun – Shade	Pelleted

Temperature: Maintain 20-21 °C night and day for the first 14 days or until the roots reach the bottom of the container. Thereafter temperatures may be lowered to 18-19 °C day and night. Once well established in the final container, approximately two to three weeks after transplanting from a 288 plug the temperature can be lowered further to 13-15 °C.

Fertilization: Moderate fertilization levels are required. Begin fertilizing early to improve seedling quality. Fertilize the crop weekly with 50-100 ppm, working up to 100-150 ppm. Under high light conditions use an ammonium based fertilizer (17-5-17) and under low light use a calcium based fertilizer (14-4-14).

Light: Provide 4,000-6,000 ft. candles (35,000-50,000 lux).

Plant treatment: If needed apply Cycocel (chlormequat chloride) as a spray at 250-300 ppm 1-2 weeks after transplant. Apply fungicides during long periods of low light and high humidity.

Post Harvest: To maintain quality fertilize with potassium nitrate at 100 ppm 1-2 weeks prior to shipping.

Tips for Success: Reducing the temperature to 13-15 °C in the finishing stages, 2-3 weeks after transplanting will keep plants toned with slightly smaller leaves.

Plug Crop Times		
	BIG	BIG DeluXXe
288 tray	7-8 wks	7-8 wks
128 tray	9-10 wks	9-10 wks
Finished Crop Time (from 288 tray)		
	BIG	BIG DeluXXe
10 cm pots	9-10 wks	8-9 wks
15 cm pots	10-11 wks	9-10 wks

Ernst Benary Samenzucht GmbH

Friedrich-Benary-Weg 1
34346 Hann. Münden, Germany
Phone: +49 (0) 5541 / 7009-0
Fax: +49 (0) 5541 / 7009-20
E-Mail: info@benary.de

www.benary.com

 **Benary**
beautyinside®