

Begonia x benariensis F<sub>1</sub> **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





Deep Rose Bronze Leaf



Pink Bronze Leaf

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

Begonia x benariensis F1









Rose Bronze Leaf



Red Bronze Leaf



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

White Green Leaf Utility Patent Pending



Red Green Leaf

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

BIG White Green Leaf



THE Best Landscape Begonias Worldwide.

BIG Deep Rose Bronze Leaf

### 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\_begonia @iamkindofabigdeal\_ #BIGbegonia



Begonia x benariensis F<sub>1</sub>

**BIG DeluXXe** 







Red Bronze Leaf

Rose Bronze Leaf



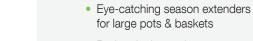
Red Green Leaf



Rose Green Leaf



White Green Leaf



Perfect for large plantings

larger than BIG

 Holds up to very cool temperatures once established

BIG DeluXXe is even bigger!

• BIG DeluXXe begonias are 20-25%

- Fewer plants needed for coverage
- A premium plant for premium programs



**NEW** BIG DeluXXe White Green Leaf Begonia x benariensis F<sub>1</sub>

# The perfect Team





#### 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

**Ernst Benary Samenzucht GmbH** 

Fax:

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

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 guality 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		

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

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