

NEW

BEGONIA X HYBRIDA **FUNKY™**

*Have Fun! Get Funky™!*



Funky™ Pink



- Fun, consumer-friendly name
- Easy to grow and ship
- Novelty basket item from seed
- Grow in partial shade to full sun
- Reliable high germination rates
- Attractive large, double flowers
- Outstanding show in baskets and containers
- Great consumer appeal



**Benary**<sup>®</sup>  
beautyinside<sup>®</sup>

## Technical Information

### Begonia x hybrida Funky™

**Uses:** Pots, hanging baskets and mixed combination planters

**Life Cycle:** Annual

**Germination:** Expect root emergence in 7-10 days.

**Cover:** Do not cover seed as light is required for germination.

**Light:** Begonias require light to germinate. Supplemental 24-hour assimilation light provided at this stage will increase germination, reduce crop time and improve plug quality.

**Temperature:** Maintain temperatures of 72-74 °F (22-23 °C). Do not exceed 80 °F (27 °C)

**Relative humidity levels:** Keep humidity at 95-100 % humidity until day 11, then reduce to 60 %.

**Media:** Maintain media pH of 5.5-5.8 and EC: 0.5

#### Plug Culture

**Stage II (7-14 days):** Gradually lower temperatures to 68-70 °F (20-21 °C). Begin fertilization at 50-75 ppm nitrogen in a calcium/potassium nitrate formulation. Do not saturate soils or disturb seed when watering. Continue assimilation lighting during this stage.

**Stage III (28-35 days):** Lower soil temperatures to 68-70 °F (20-21 °C). Allow media to dry down between irrigations. Increase fertilization levels to 75-100 ppm with a calcium/potassium nitrate fertilizer. Continue assimilation lighting during this stage.

**Stage IV (7-14 days):** Maintain temperatures to 68-70 °F (20-21 °C). Apply a calcium/potassium nitrate feed at 100-150 ppm nitrogen. Maintain pH levels of 5.5-5.8 and EC levels of 0.75. Continue assimilation lighting at this stage. Spray applications of Cycocel (300-500 ppm) can be used two weeks after transplant to control growth.

#### Growing On

Transplant plugs after 10-11 weeks for a 72 tray. Temperatures of 65-68 °F (18-20 °C) will optimize growth and flowering. Excessive salt buildups can cause root damage. Maintain pH levels of 5.5-5.8 and EC levels of 1.0-1.5. Maintain a daylength of 14-16 hours to avoid tuber formation. Alternate between calcium-based fertilizer and an ammonium fertilizer. Fertilize at 150-200 ppm.

**Culture Hints:** Watering under bright afternoon sun can cause leaf burn. Short days or temperatures below 57 °F (14 °C) will result in tuber formation and delayed flowering.

#### Plug Crop Time

288 tray	7-8 weeks
128 tray	9-10 weeks
72 tray	10-11 weeks

#### Finished Crop Time

	from 288 tray	from 128 tray
4" / 10 cm pots (1 ppp*)	8-9 weeks	6-7 weeks
6" / 15 cm pots (1-2 ppp)	9-10 weeks	7-8 weeks
10" / 25 cm baskets (3-5 ppp)	11-12 weeks	9-10 weeks



8-12" / 20-30 cm



8-10" / 20-25 cm



Sun – Partial shade



Pelleted



Funky™ Hanging Basket



### Ernst Benary of America, Inc.

2759 Wagner Court, Suite C  
DeKalb, IL 60115-8609, USA

Phone: +1 815 756 4546

Fax: +1 815 756 9128

E-Mail: info@benary.com

[www.benary.com](http://www.benary.com)



**Benary**<sup>®</sup>  
beautyinside<sup>®</sup>