

# Begonia x benariensis F? BIG DeluXXe

## Red Bronze Leaf

Item no.: C4142P

### **Crop Time**

Spring: 14 - 16 weeks

### **Height**

90cm

### **Exposure**

Sun - Shade

### **Seed Form**

Pelleted Seed

### **Best Uses**

Bedding, Landscape

## **Culture guide**

### **Usage**

Packs, Pots, Hanging Baskets, Mixed Containers and Landscape

### **Sowing method**

1-2 seeds or pellets per plug

### **Germination**

Optimum conditions for seedling development, beginning on the day of sowing until radicle emergence. Expect radicle emergence in 6-8 days.

## Media

### Plug Culture:

Begin with a saturated (5) for the first 10 days and on day 11 begin to dry them back slightly to wet (4). This will help in the seedlings rooting into the media. 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 to dry cycle to prevent algae growth and help with the uptake of nutrients. At this point you can alternate between a wet (4) and a medium (2).

### Growing On:

Alternate between moisture levels wet (4) and medium (2). Let plants dry back to at least a medium (2) before re-saturating to a wet (4). Extremely dry plants will have a grayish cast to the leaves. Avoid watering plants under high temperature and light when the leaf temperature is excessive. This can cause leaf burn.

## Temperature

### Plug Culture:

72–76 °F (22–24 °C) days 1–11. For irrigation use warm water (above 64 °F / 18 °C) only.

### Growing On:

68–70 °F (20–21 °C) nights, 64–67 °F (18–19 °C) days for the first 14 days or until the roots reach the bottom of the container. Thereafter temperatures may be lowered to 62–65 °F (16–18 °C) day and night. An ADT (average daily temperature of 67 °F (19 °C)) will give the fastest finished crop. Once well established in the final container, approximately two to three weeks after transplanting from a “288” plug tray the temperature can be lowered further to 56–58 °F (13–15 °C). This will keep the plants toned and prevents too large of leaves.

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Stage I Starts with the radicle breaking through the testa. The roots are touching the medium. Ends with fully developed cotyledons.

Stage II Starts from fully developed cotyledons. Ends with the fully developed true leaf or true leaf pair.

Stage III Starts from the fully developed true leaf or true leaf pair and ends with 80% of the

young plants being marketable.

Stage IV All young plants are ready for sale and in the process of being hardened off. This stage lasts about 7 days.

The cultural recommendations are based on results from trials conducted under Central European conditions. Different conditions in other parts of the world may lead to deviations in results achieved.