



Uniform Young Plants



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Begonia semperflorens F?

Sprint Plus

- Earliest flowering begonia series on the market
- Green foliage partner to Nightlife

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Crop Time

Spring: 9 - 11 weeks

Height

9 ? / 23 cm

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.

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.

Fertilization

Plug Culture:

Maintain an EC < 1.0. Fertilized 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:

Moderate fertilization levels are required. Fertilize the crop weekly with 100-150 ppm nitrogen, using a complete balanced fertilizer. Avoid high ammonium and high nitrogen levels, because the foliage can grow very large. Avoid pH levels above 6.0, as high pH can cause iron deficiency. Watch for low Ca and Mg levels since this can result in stunted plants with marginal leaf edge burn. Under high light conditions use an ammonium based fertilizer (17-5-17) and under low light use a calcium based fertilizer (14-4-14).

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.

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