

New



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Pentas lanceolata F?

Graffiti®

Benary's new Graffiti® Series — The unbeatable series on the market!

- Profit from the widest range of colors in a Pentas series: 15 intense colors & 2 mixes to choose from!
- Excellent heat tolerance and garden performance
- Uniform series in height and flower timing
- First bicolor tones in seed Pentas
- Perfect branching for more flowers
- Dense flowers ensure maximum color at retail

Technical Guide: [Click here](#)

All information in our technical guide is based on our own trials and would therefore be as guideline only. Detailed cultivation aspects vary depending on climate, location, time of year and environmental conditions. Benary expressly disclaims any responsibility for the content of such data/information and makes no representation or warranty for the cultivation of any products listed. It is recommended that growers conduct a trial of products under their own conditions.

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Crop Time

Spring: 13 - 18 weeks

Height ?

12 ? / 30 cm

Width ?

11 ? / 28 cm

Exposure

Sun

Seed Form

Pelleted Seed

Best Uses

Bedding, Landscape, Pot Plant

Culture guide

Usage

Pots, Mixed Containers and Landscape

Sow time

January-April

Sowing method

1 pellet per plug. No cover is necessary.

Germination

Maintain optimal conditions for seedling development beginning on the day of sowing until radical emergence. Expect radical emergence in 7-10 days. Humidity should be between 95-100% until day 10; then reduce to 40-60%.

Growing on

Day neutral plant, will flower regardless of day length. Very responsive to irradiance and additional lighting. Providing a 14-16 hrs. day length, especially in the seedling stages, will shorten the crop significantly. In addition, growing at warmer temperatures will shorten the crop time.

Media

Plug culture: pH 6.2-6.5 Starting with the proper pH of the media will improve the performance of the seedlings. Pentas can exhibit iron toxicity at lower pH levels, below 5.5. EC < 0.5. Begin with a saturated (5) for the first 10 days. On day 11 begin to lower the moisture slightly going to a medium (4). Maintain a consistent moisture level without over saturating the media.

Growing on: pH 6.2-6.5 continue to monitor the pH to make sure that it stays above 6.0. EC 1.0-1.2. Alternate between moisture levels wet (4) and medium (2).

Temperature

23-26 °C. Once germination is completed with fully expanded cotyledons, on day 14 the temperature can be lowered slightly to 18-20 °C during nights and 22-23 °C during days. Water trays using tempered water with a minimum temperature of 18 °C. Warmer temperatures will benefit and shorten the finish time.

Fertilization

Maintain an EC < 0.75. At this stage fertilized water should not exceed an EC of 0.5. Begin feeding on day 10 with 50 ppm 14-2-14, 14-4-14 or 17-5-17. After transplanting, under low light conditions fertilize with a 14-4-14 fertilizer at 100-150 ppm and under high light conditions use a 17-5-17 fertilizer at 100-150 ppm. Watch for calcium and magnesium deficiencies which can cause stunted plants.

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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