

Petunia x hybrida F₁

BOOM!™ TR

Fast Recovery after Rain



Trailing Multiflora Petunia

- Free-flowering Petunia series for baskets
- High-impact, small-flowered plants
- Excellent weather resistance

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.

Crop Time	Spring: 11 - 13 weeks
Height 	11 " / 28 cm
Width 	22 " / 55 cm
Exposure	Sun - Partial shade
Seed Form	Pelleted Seed
Best Uses	Pot Plant, Hanging basket, Landscape

CULTURE GUIDE

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Usage

Pots, Hanging Baskets, Mixed Containers and Landscape

Germination

Maintain optimal conditions for seedling development, should begin on the day of sowing until root emergence. Expect root emergence in 3-5 days.

Media

Plug culture: pH 5.5-5.8; EC 1.25-1.5.

Growing on: pH 5.5-5.8; EC 1.5-2.0.

Temperature

Plug culture: Maintain 22-24 °C (72-76 °F) until root emergence and then reduce to 20-21 °C (68-70 °F). The temperature can be lowered on approximately day 5. Once cotyledons have expanded lower temperature further to 18-20 °C (64-68 °F). Maintain 18-20 °C (64-68 °F) until day 26-28, then reduce the temperature to 15.5-18 °C (60-64 °F). Keep temperatures > 16 °C (60 °F) until ready to transplant. For the fastest finish maintain an ADT of 19.5 °C (67 °F). With these temperatures some additional growth regulators will need to be applied.

Growing on: After transplant maintain temperatures > 13 °C (56 °F) nights for the first 6 weeks to initiate flower bud development. The night temperatures can be lowered further to 10 °C (50 °F) to encourage basal branching and compactness. However, lower temperatures may also substantially decrease the number of flowers initiated. Growing at cooler temperatures will produce a higher quality plant. An ADT (average daily temperature) of 19 °C (66 °F) will give the fastest finished crop.

Fertilization

Plug culture: Maintain an EC < 1.0. Upon initial germination approximately days 5-7 begin feeding with 50 ppm nitrogen. Pay attention to the addition of boron since low boron can cause tip abortion. Ideal boron concentration is 0.5 ppm. Fertilize established seedlings at 100-150 ppm nitrogen. Under high light conditions, apply an ammonium based feed (17-5-17). Under low light conditions, apply a calcium based feed (14-4-14). Under high light and long or extended days, an ammonium based feed (20-10-20) is preferred. For more shoot growth, add an additional ammonium treatment to the schedule. To prevent stretching under low light and cool temperatures, reduce ammonium and apply only calcium based fertilizer. Feed at 100-200 ppm nitrogen. Under high light conditions, apply an ammonium based feed (17-5-17). To prevent stretching under low light conditions apply a calcium based feed (14-4-14). Under high light and long days an ammonium based feed (20-10-20) is preferred.

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.

COLORS OF THE SERIES

Petunia x hybrida F₁ BOOM![™] TR



Blue
PH0606P



Coral
PH0603P



Red
PH0605P



Rose
PH0609P



White
PH0601P



Mix
PH0699P