

## Campanula Campanella™ F<sub>1</sub> Series

(*Campanula medium*)

Potted Plants Culture (revised 11/17/21)

**Plug crop time:** 6 to 7 weeks

**Transplant to finish:** 7 to 10 weeks

- The Campanella series features larger blooms and includes a unique lavender colour.
- The more vigorous plants are suitable for larger pots.
- Fills pots better with more flowers.
- Around 1 week later to flower than other campanula on the market.

### General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Early Spring, Spring, Late Spring, Summer, Late Summer, Autumn	8-10 in. (20-25 cm)	8-9 in. (20-23 cm)	10-12 in. (25-30 cm)

### Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days from 50% to maximum germination	Initial Media pH/EC (1:2)	Cover Seed
PEL	288	1	6-7	5-10	5.8-6.2 pH 0.7-1.0 mmhos/cm	No

### Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
<b>Moisture</b>	Level 4-5	Level 3-4	Level 3-4	Level 3
<b>Temperature</b>	68-77°F (20-25°C)	65-75°F (18-24°C)	65-68°F (18-20°C)	60-64°F (16-18°C)
<b>Light</b>				
<b>Fertiliser</b>	Less than 100 ppm N (Less than 0.7 EC)	100 to 175 ppm N (0.7 to 1.2 EC)	100 to 175 ppm N (0.7 to 1.2 EC)	100 to 175 ppm N (0.7 to 1.2 EC)

### Propagation Key Tips

Prevent damping off due to use of fungicides. Critical to the culture of Campanella is the short day treatment in the plug stage. Start short day treatment of < 11 hours day length 2 weeks after sowing. This prevents initiate flowers in the plug stage and results in the right plant habit for filling pots nicely after transplant. Keep short days for the rest of the plug time (4 weeks of short day treatment). After transplant, long days > 14 hours are needed to initiate flowering. Campanella is responsive to B-Nine/Alar 2,500 ppm or tank mix of B-Nine/Alar 2,500 ppm and Cycocel 500 ppm.

### Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 62-64°F (17-18°C) (night) 58-60°F (14-16°C)	5.8-6.2 pH 1.0 mmhos/cm	175 to 225 ppm N (1.2 to 1.5 EC)	Obligate Long Day

### Daylength Notation

Maintain long days after transplant >14 hours of day light for flower initiation. If more vigorous plants are needed, two weeks of short day treatment <11 hours daylength before long day treatment >14 hours daylength will result in more vigorous plants.

## Crop Scheduling

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Container Size	Plugs/Pot	Crop Time	Season	PGR
5'6"/1 Gallon/15 cm	1 (ppp)	9-10 (weeks)	Spring	-
5'6"/1 Gallon/15 cm	1 (ppp)	7-8 (weeks)	Summer	-

### Finishing Key Tips

Recommended pot size is 5 in./13 cm. Long day treatment is essential in finishing products. Pinching is not needed. When using bigger pots (6-in./15-cm or bigger), a soft pinch can result in fuller and bigger plants.

NOTE: Growers should use the information presented here as guidelines only. PanAmerican Seed recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility of the grower to confirm the treatment is available in their region as well as read and follow all the current label directions relating to the products. Nothing herein shall be deemed a warranty or guaranty by PanAmerican Seed of any products listed herein. PanAmerican Seed's terms and conditions of sale shall apply to all products listed herein.

## Variety Pictures

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Blue



Lavender



Pink



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