

## Aquilegia Clementine™ Series

(*Aquilegia vulgaris*)

Perennials Culture (revised 03/08/21)

**Plug crop time:** 7 to 8 weeks

**Transplant to finish:** 32 to 40 weeks

- Useful in both borders and landscapes.
- Spurless double flowers face upwards and resemble Clematis flowers.
- Best-suited for 5 to 6-in./13 to 15-cm pots, plants have good shelf life with high appeal in the store and in the garden.

### General Information

Exposure	Bloom Season	Height	Spread	Spacing
Partial Sun	Late Spring, Summer	14-16 in. (36-41 cm)	12-14 in. (30-36 cm)	12-15 in. (30-38 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
PRM	288	2-3	7-8	7-12	5.8-6.4 pH 0.75 mmhos/cm	Light cover

### Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
<b>Moisture</b>	Level 4	Level 3-4	Level 2-3	Level 2
<b>Temperature</b>	68-72°F (20-22°C)	68-72°F (20-22°C)	65-68°F (18-20°C)	60-65°F (16-18°C)
<b>Light</b>	Optional	2,500 f.c. (26,900 Lux)	2,500 f.c. (26,900 Lux)	5,000 f.c. (53,800 Lux)
<b>Fertilizer</b>	Less than 100 ppm N (Less than 0.7 EC)	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)

### Vernalization

Yes - duration of 10 to 12 weeks; juvenility min. 10 to 12 true leaves

### Propagation Key Tips

Spray after sowing to prevent fungi.

### Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertilizer	Daylength
(day) 65-68°F (18-20°C) (night) 50-54°F (10-12°C)	5.8-6.2 pH 1.0-1.5 mmhos/cm	175 to 225 ppm N (1.2 to 1.5 EC)	Day Neutral

### Daylength Notation

Aquilegia is a day-neutral plant after vernalization. Long days of 14 hours or longer could stimulate stem elongation and slightly hasten flowering after the vernalization period.

## Crop Scheduling

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Crop Type	Container Size	Plugs/Pot	Crop Time	Season	PGR
Overwinter	5"/6"/1 Gallon/15 cm	1-3 (ppp)	32-40 (weeks)	Spring	daminozide 1,500-2,500 ppm Spray
Overwinter	8"/2 Gallon/20 cm	4-6 (ppp)	32-40 (weeks)	Spring	daminozide 1,500-2,500 ppm Spray

### Common Problems

Monitor for Powdery Mildew, Sclerotinia, Aphids, Leaf Miner, Sciara and Spider Mites.

### Bulking Strategy

Duration of 10 to 12 weeks; juvenility min. 10 to 12 true leaves.

### Finishing Key Tips

Keep RH at optimum 65%. Outside crops can be forced indoors at 54 to 59°F (12 to 15°C).

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



Red



Rose



Salmon Rose



Mixture

PanAmericanSeed™

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