GrowerFacts

PanAmerican Seed®

Papaver Champagne Bubbles F_1 Series

(Papaver nudicaule)

Perennials Culture (revised 10/14/25)

Plug crop time: 4 to 5 weeks
Transplant to finish: 5 to 6 weeks

- Hybrid vigour delivers uniform flowers, earliness and long-lasting garden performance compared to O.P. varieties.
- Many large, cup-shaped flowers top bushy, strong-stemmed plants.
- Performs well in hot-day, cool-night conditions.
- Good Winter item in Florida, California and similar climates.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Partial Sun, Sun	Early Spring, Spring	15 in. (38 cm)	6 in. (15 cm)	6-8 in. (15-20 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	1	4-5	7-12	5.5-6.0 pH 0.75 mmhos/cm	Light cover

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 3	Level 2	Level 2
Temperature	64-68°F (18-20°C)	60-65°F (16-18°C)	60-65°F (16-18°C)	60-65°F (16-18°C)
Light	Optional	2,000-2,500 f.c. (21,500-26,900 Lux)	2,000-2,500 f.c. (21,500-26,900 Lux)	4,000-5,000 f.c. (43,100-53,800 Lux)
Fertiliser		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)

Vernalisation

No

Propagation Key Tips

Spray damp-off fungicide. Avoid high pH (>6.1) that causes chlorosis from iron deficiency.

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 50-55°F (10-13°C) **(night)** 40-45°F (4-7°C)	5.5-6.0 pH 1.2-1.4 mmhos/cm	175 to 225 ppm N (1.2 to 1.5 EC)	Day Neutral

Crop Scheduling

Crop Type	Container Size	Plugs/Pot	Crop Time	Season	PGR
Annual	4"/4.5"/Quart/10 cm	1 (ppp)	5-10 (weeks)	Late Spring	-
Annual	5"/6"/1 Gallon/15 cm	2-3 (ppp)	6-11 (weeks)	Late Spring	-

Fertiliser Notation

Light to moderate feeders, but watch out for under fertilisation after Winter, once growth restarts. Prone to both Mg and Fe deficiencies, sowing as interveinal chlorosis.

Common Problems

Needs average irrigation, well drained, not overly wet or dry. Insects: Leaf Miners, Spider Mites, Thrips, and Leafhoppers Disease: Botrytis (from growing too wet, low drainage and ventilation)

Finishing Key Tips

Suffers from chlorosis at high pH (above 6.1), due to iron deficiency. Moderate fertilisation, well-drained soil.

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

Orange

Pink

Scarlet

White

Yellow

Mixture

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