GrowerFacts

PanAmerican Seed®

Marigold (French) Hot Pak™ Series

(Tagetes patula)

Annuals Culture (revised 01/14/21)

Plug crop time: 3 weeks
Transplant to finish: 3 to 4 weeks

- Extend the marigold season with the first French marigold series bred to bloom all Summer long, even in the highest temperatures and humidity – “developed in the heat for the heat.”
- Includes all the key colours, perfectly genetically matched.
- Stays compact and keeps on flowering without stretching or falling over.
- Produces 1.75 to 2-in./4.5 to 5-cm blooms.
- Ideal for pack programs and landscapes.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Spring, Late Spring, Summer	6-7 in. (15-18 cm)	6-8 in. (15-20 cm)	6-7 in. (15-18 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
COT, DTL	288	1	3-4	2-3	6.2-6.5 pH 0.75 mmhos/cm	Yes

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 3-4	Level 3	Level 3
Temperature	70-72°F (21-22°C)	68-72°F (20-22°C)	68-75°F (20-24°C)	68-75°F (20-24°C)
Light	Optional			
Fertiliser		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)

Propagation Key Tips

Maintain soil pH of 6.2 to 6.5 to avoid iron toxicity.

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 68-85°F (20-29°C) **(night)** 64-70°F (18-21°C)	6.2-6.5 pH 1.0-1.5 mmhos/cm	100 to 175 ppm N (0.7 to 1.2 EC)	Facultative Short Day

Crop Scheduling

Container Size	Plugs/Pot	Crop Time	Season	PGR
Cell Pack	1 (ppp)	3-4 (weeks)	Spring	-

Fertiliser Notation

Starting 1 week after transplant, apply fertilizer at rate of 100 to 175 ppm N and 0.7 to 1.2 mS/cm using predominantly nitrate-based fertilizer with low phosphorus. Maintain the media EC at 1.0 to 1.5 mS/cm and pH at 6.2 to 6.5. For constant fertilizer program, fertilizer can be applied at a rate of 75 to 100 ppm N 0.5 to 0.7 mS/cm while maintaining the above recommended EC and pH ranges.

Common Problems

Insects: Aphids, Mites, Whiteflies Diseases: Damping off in the seedling stage

Finishing Key Tips

Maintain soil pH of 6.2 to 6.5 to avoid iron toxicity. Hot Pak is bred to grow and flower under higher temperatures and humidity than other French Marigolds; thus, a wider range of finishing conditions is possible.

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

Fire

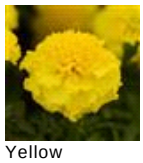
Flame

Gold

Harmony

Orange

Spry


Yellow

Mixture

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