GrowerFacts

PanAmerican Seed®

Marigold (African) Taishan® F_1 Series

(Tagetes erecta)

Annuals Culture (revised 12/12/24)

Plug crop time: 3 weeks
Transplant to finish: Spring 5 to 6 weeks, Summer 7 to 8 weeks

- Best dwarf African marigold for landscapes – 20% shorter peduncles and 15% thicker stems assure less stretch and breakage.
- Big, tightly petalled blooms on super-strong stems look terrific at retail with less waste, better overhead watering tolerance and longer shelf life.
- Better branching with more aggressive side branching fills packs quickly and delivers a healthier look.
- Larger flowers hold their doubleness and shed water well.
- Performance is so spectacular that Taishan was featured in landscapes at the 2008 Olympic Games in Beijing, China.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Spring, Late Spring, Summer	10-12 in. (25-30 cm)	8-10 in. (20-25 cm)	8-10 in. (20-25 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)	68-72°F (20-22°C)	65-70°F (18-21°C)
Light	Optional	2,500 f.c. (26,900 Lux)	2,500 f.c. (26,900 Lux)	5,000 f.c. (53,800 Lux)
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. Higher temperatures inhibit germination, shorten crop time and cause stretching. PGRs are not generally required.

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 65-68°F (18-20°C) **(night)** 60-62°F (16-17°C)	6.2-6.5 pH 1.2-1.5 mmhos/cm	175 to 225 ppm N (1.2 to 1.5 EC)	Facultative Short Day

Daylength Notation

Will flower quicker when the daylength is 12 hours or shorter. When grown at daylength longer than 12 hours, it will take an additional 10 to 14 days to flower.

Crop Scheduling

Container Size	Plugs/Pot	Crop Time	Season	PGR
306 Pack/1801	1 (ppp)	5-6 (weeks)	Spring	-
4"/4.5"/Quart/10 cm	1 (ppp)	5-6 (weeks)	Spring	-
306 Pack/1801	1 (ppp)	7-8 (weeks)	Summer	-
4"/4.5"/Quart/10 cm	1 (ppp)	7-8 (weeks)	Summer	-

Fertiliser Notation

Starting 1 week after transplant, apply fertilizer at rate 3 (175 to 225 ppm N/1.2 to 1.5 mS/cm) using a predominantly nitrate-based fertilizer with low phosphorus. Maintain the media EC at 1.5 to 2.0 mS/cm and pH at 6.2 to 6.5. For constant fertilizer program, can apply fertilizer at rate 2 (100 to 175 ppm N/0.7 to 1.2 mS/cm) while maintaining the above recommended EC and pH ranges.

Common Problems

Insects: Monitor for Aphids early in production, and for Thrips and Mites during flowering.

Finishing Key Tips

Maintain soil pH of 6.2 to 6.5 to avoid iron toxicity. Plant Growth Regulators: PGRs are not required when grown under short days, since plants will finish naturally shorter. Treat with PGRs when grown under long days. Daminozide at 5,000 ppm applied twice as a foliar spray can control the plant growth. In northwestern Europe, use daminozide at 1,300 to 2,000 ppm.

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


Gold


Orange


Yellow


Mixture

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