# GrowerFacts

PanAmerican Seed®

## Marigold (African) Lanna Lace $F_1$

*(Tagetes erecta)*

Annuals Culture (revised 10/14/25)

**Creamy white double blooms stay looking fresh!**
NEW Lanna Lace features white double blooms that shake off water for a fresh look throughout Summer! Add it to your lineup for a full colour range of vibrant African marigolds that last!

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

- Dwarf white marigold has fully double flowers that shed water well and avoid turning brown for a longer period.
- Each creamy white double bloom is 2.5 to 3 in./6 to 8 cm across atop green foliage.
- Add to your African marigold program to complete your colour range.
- Well-suited to beds and mixed containers.

## General Information

| Exposure | Bloom Season | Height | Spread | Spacing |
|---|---|---|---|---|
| Sun | Spring, Late Spring, Summer | 10-12 in.<br>(25-30 cm) | 8-10 in.<br>(20-25 cm) | 8-10 in.<br>(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<br>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<br>(21-22°C) | 65-72°F<br>(18-22°C) | 65-70°F<br>(18-21°C) | 65-70°F<br>(18-21°C) |
| **Light** | Optional | 2,500 f.c.<br>(26,900 Lux) | 2,500-3,000 f.c.<br>(26,900-32,300 Lux) | 3,000 f.c.<br>(32,300 Lux) |
| **Fertiliser** | | Less than 100 ppm N<br>(Less than 0.7 EC) | Less than 100 ppm N<br>(Less than 0.7 EC) | 100 to 175 ppm N<br>(0.7 to 1.2 EC) |

### Propagation Key Tips

Keep soil moisture high until radicle emergence; reduce moisture levels after radicle penetrates the medium. 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)<br>**(night)** 60-62°F (16-17°C) | 6.2-6.8 pH<br>1.0-1.5 mmhos/cm | 100 to 175 ppm N<br>(0.7 to 1.2 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 fertiliser at rate 3 (175 to 225 ppm N/1.2 to 1.5 mS/cm) using a predominantly nitrate-based fertiliser with low phosphorus. Maintain the media EC at 1.0 to 1.5 mS/cm and pH at 6.2 to 6.8. For a constant fertiliser program, can apply fertiliser 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 6.8 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

Lanna Lace

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PanAmerican Seed Co.
622 Town Road,West Chicago, Illinois, USA, 60185
**+1 800-231-7065 PanAmSeed.com**

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