



Most Uniform Series in Packs and Pots



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Tagetes patula

## Super Hero™

### The next Generation of Heroes

- Spectacular uniform and early flower timing
- Compact plant habit
- Complete color range with special bicolors
- Clean and stable, crested flower pattern

- Heat tolerant

**Technical Guide:** [Click here](#)

All information in our technical guide is based on our own trials and would therefore be as guideline only. Detailed cultivation aspects vary depending on climate, location, time of year and environmental conditions. Benary expressly disclaims any responsibility for the content of such data/information and makes no representation or warranty for the cultivation of any products listed. It is recommended that growers conduct a trial of products under their own conditions.

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### **Crop Time**

Spring: 6 - 8 weeks

### **Height ?**

7 ? / 18 cm

### **Width ?**

7 ? / 18 cm

### **Exposure**

Sun

### **Seed Form**

Detailed Seed, Coated Seed

### **Best Uses**

Landscape

## **Culture guide**

## Usage

Packs, Pots, Mixed Containers and Landscape

## Sowing method

1 seed per plug

## Germination

Optimum conditions for seedling development, beginning on the day of sowing until radicle emergence. Expect radicle emergence in 2-3 days

## Growing on

4-5 weeks after sowing transplant 1 plant into 10 cm (4") pots or packs. Transplant African Marigold plugs before they become root bound. Delays in transplanting may induce premature flowering.

## Media

Plug Culture:

Begin with a saturated (5) media moisture level for the first 1-2 days and then reduce to wet (4) for the next 3-4 days. Thereafter, on day 6, once germination is complete with cotyledon expansion, reduce the media moisture to medium (2). Alternate between moisture levels wet (4) and medium (2). Allow the media to reach a moisture level medium (2) before re-saturating to wet (4).

Growing On:

Continue to alternate between moisture levels wet (4) and medium (2). Allow the media moisture to approach medium (2) before re-saturating to wet (4).

## Temperature

Plug Culture:

72-75 °F (22-24 °C). On day 7, once cotyledons have expanded the temperature can be lowered

to 68-70 °F (20-21 °C).

Growing On:

63-64 °F (17-18 °C) until plants are well established in the final container. Thereafter, temperatures may be lowered further to 59-63 °F (15-17 °C) nights and 64-68 °F (18-20 °C) days. Avoid lower temperatures since temperatures between 64-68 °F (18-20 °C) promote flower initiation. An ADT (average daily temperature) of 67 °F (19 °C) will give the fastest finished crop.

## **Fertilization**

Plug Culture:

Maintain an EC of less than 0.75. Begin fertilizing early on day 7 feeding at 50-60 ppm N, using a calcium-based fertilizer (14-2-14 or 13-2-13).

Growing On:

Marigolds require a moderate feed program. Fertilize weekly with a complete calcium based fertilizer at 150-200 ppm N. Recommended fertilizers are (14-4-14; 15-5-15; and 17-5-17) under high light conditions. Keep ammonium levels low since too much ammonium will result in large leaves and can also damage the roots.

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Stage I Starts with the radicle breaking through the testa. The roots are touching the medium. Ends with fully developed cotyledons.

Stage II Starts from fully developed cotyledons. Ends with the fully developed true leaf or true leaf pair.

Stage III Starts from the fully developed true leaf or true leaf pair and ends with 80% of the young plants being marketable.

Stage IV All young plants are ready for sale and in the process of being hardened off. This stage lasts about 7 days.

The cultural recommendations are based on results from trials conducted under Central European conditions. Different conditions in other parts of the world may lead to deviations in results achieved.

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