

Tagetes patula

# Super Hero™

**Orange Bee**

Item no.: TP0305C/D



## The next Generation of Heroes

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

<b>Crop Time</b>	Spring: 7 - 10 weeks
<b>Height</b> ☞	7 " / 18 cm
<b>Width</b> ☞	7 " / 18 cm
<b>Exposure</b>	Sun
<b>Seed Form</b>	Detailed Seed, Coated Seed
<b>Product Use</b>	Packs, Pots, Mixed Containers, Landscape
<b>Family, Origin</b>	Asteraceae, Mexico + Central America
<b>Minimum Germ. Rate</b>	85%

## TECHNICAL GUIDE

Tagetes patula Super Hero™

### 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

### 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.

### Expert Tip

The Tagetes Super Hero™ was bred without the use of growth regulators so they can be grown without them. If used B-Nine (daminozide) it only needs to be used to tone the plants.

### – Gexuan, Technical Manager

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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.

## COLORS OF THE SERIES

Tagetes patula Super Hero™



**Deep Yellow**  
TP0311C/D



**Gold**  
TP0303C/D



**Yellow Bee**  
TP0301C/D



**Deep Orange**  
TP0308C/D



**Orange**  
TP0307C/D



**Orange Bee**  
TP0305C/D



**Orange Flame**  
TP0309C/D



**Harmony**  
TP0304C/D



**Spry**  
TP0312C/D



**Maxi Mix**  
TP0399C/D