Tagetes patula
Super Hero™ Yellow

Culture guide

Uses:
Packs, Pots, Mixed Containers and Landscape

Exposure:
Sun

Garden height:
9" / 23 cm

Crop time:
7-9 weeks

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.