

Tagetes patula

Millie Vanilli

Item no.: TP0902D/C



- Uniform & early flowering
- Large, semi-double anemone flowers
- Special, intense colors as eye-catcher
- Excellent heat tolerance

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.

Crop Time	Spring: 7 - 10 weeks
Height ∅	7 " / 18 cm
Width ∅	9 " / 23 cm
Exposure	Sun
Seed Form	Detailed Seed, Coated Seed
Best Uses	Landscape, Pot Plant, Containers

CULTURE GUIDE

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Usage

Packs, Pots, Mixed Containers and Landscape

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: pH 6.2-6.5; Keep the pH level above 6.0 to prevent iron and manganese toxicity. EC 0.5-0.75 Begin with an EC < 0.75. pH 6.2-6.5 Continue to monitor the pH level. Keep the pH level above 6.0 to prevent iron and manganese toxicity.

Growing on: pH 6.2-6.5 Continue to make sure that the pH does not drop below 6.0 since iron and manganese toxicity can occur. Toxicity will be exhibited on the lower leaves having necrotic spots with a mottled discoloration. EC 1.0-1.25.

Temperature

Plug culture: 22-24 °C (72-76 °F). On day 7, once cotyledons have expanded the temperature can be lowered to 20-21 °C (68-70 °F). 18-20 °C (64-68 °F) until plants form two sets of true leaves. If stretching occurs, lower the temperature further to 17-18 °C (62-64 °F).

Growing on: 17-18 °C (62-64 °F) until plants are well established in the final container. Thereafter, temperatures may be lowered further to 15-17 °C (59-62 °F) nights and 18-20 °C (64-68 °F) days. Avoid lower temperatures since temperatures between 18-20 °C (64-68 °F) promote flower initiation.

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). Fertilizer levels can be increased to 100-150 ppm N. Continue using a calcium-based fertilizer (14-2-14: 15-5-15; or even 17-5-17) under higher light conditions.

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.

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

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