Melampodium paludosum

Derby



- Attractive bloomer for sunny locations
- Huge flowers in a vibrant yellow
- Intermediate plants for beds and borders

Crop Time	Spring: 12 - 14 weeks
Height ⌀	8 " / 20 cm
Width ⌀	7 " / 18 cm
Exposure	Sun - Partial shade
Seed Form	Raw Seed
Product Use	Bedding, Rockery

TECHNICAL GUIDE

Melampodium paludosum Derby

Usage
Plants for the border and window boxes, pot and container plants, marsh plant

Sow time
February-May

Sowing method
1-2 seeds per plug

Germination
7-14 days at 65-68 °F (18-20 °C). Cover seed lightly after sowing. Maintain high, but not saturated soil moisture levels, and 95 % relative humidity levels.

Growing on
Transplant into pack or 4" (10 cm) pots with media having 5.5 to 6.5 pH. Media should have good moisture holding capacity. Apply 100-150 ppm nitrogen weekly in a well-balanced formula.

Media
Use a well-drained, growing substrate with 20-30 % clay, 1,5 kg/m^3 of a complete balanced fertilizer, iron-chelate, micronutrients, pH: 5.8-6.5.

Temperature
Grow at 16-18 °C. The lower the cultivation temperature, the longer the cultivation time. In order to harden the plants for selling the temperature can be decreased to 12-14 °C. Melampodium does not tolerate temperatures below 10 °C.

Fertilization
Moderate fertilization levels are required. Fertilize the crop weekly with 100-150 ppm nitrogen, using a complete balanced fertilizer. Avoid high ammonium levels and high nitrogen levels. Prevent magnesium deficiency by applying magnesium sulphate (0,025 %) 1-2 times and in case of iron deficiency (above pH 6.0) apply iron-chelate for 1-2 times.

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

Melampodium paludosum Derby



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