

Gomphrena globosa

LAS VEGAS Purple

Globe Amaranth

Culture guide

Uses:

Long lasting fresh cut flower. Borders, annual beds or containers.

Exposure:

Sun

Garden height:

18" / 45 cm

Crop time:

11-12 weeks

Sow time:

January-June, sowing in intervals

Sowing method:

1-2 seeds per plug, sowing directly into pots is possible

Germination:

10-14 days at 72-77 °F (22-25°C). Cover seed lightly after sowing.

Avoid overwatering for best germination and root growth.

Growing On:

Transplant plugs after 5-6 weeks. Grow on at 62-65 °F (17-15 °C). Maintain pH levels of 5.5-6.2. Apply 150 ppm nitrogen weekly in a well balanced formula.

Media:

Use a well-drained, growing substrate with 15-30 % clay, 0-20 % parts (e.g. coconut fibres, perlite), 1-1.5 kg/m³ complete balanced fertilizer, 0-2 kg/m³ slow release fertilizer (3 months), iron-chelate, micronutrients, pH: 5.5-5.8.

Temperature:

Grow at 20-24 °C 68-75 °F during daytime and at 15 °C during night or outdoors. Avoid temperatures below 10 °C 50 °F. Protect the young plants outdoors against frost. *Gomphrena* does not tolerate frost.

Fertilization:

Moderate-high fertilization levels are required. Fertilize the crop weekly with 100-150 ppm nitrogen (at 2 kg/m³ slow release fertilizer in substrate), using complete balanced fertilizer. Avoid high ammonium and high nitrogen levels. Take care of the phosphate level in substrate.

Ref. : 9 May 2013

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