

Celosia cristata ***Brainiac Mad Magenta***

Cockscomb

Culture guide

Uses:

Mass plantings, specimen plant and mixed containers

Exposure:

Sun

Garden height:

6" / 15 cm

Crop time:

10-11 weeks

Sow time:

January-June

Sowing method:

1 seed per plug

Germination:

11-12 days at 73-78 °F (23-25 °C). Light is required for germination. To prevent premature flowering, minimize stress due to high light levels and low moisture and fertilizer levels.

Growing On:

Transplant plugs after 4-6 weeks. Grow on at 60-64 °F (16-18 °C).

Media:

Use a well-drained, growing substrate with 15-30 % clay, 1-1,5 kg/m³ complete balanced fertilizer, iron-chelate, micronutrients, pH: 5.5-6.0.

Temperature:

Grow at 18-20 °C. At the end of the cultivation time decrease the temperature to 16 °C. Avoid temperatures below 16 °C, because Celosia needs warm temperatures to grow.

Fertilization:

Moderate fertilization levels are required. Fertilize the crop weekly with 150-200 ppm nitrogen, using a potassium and phosphate balanced fertilizer (N: K₂O-Ratio: 1:1,5). Avoid high ammonium and high nitrogen levels. Prevent magnesium deficiency by applying magnesium sulphate (0,05 %) 1-2 times and in case of iron deficiency apply iron-chelate for 1-2 times.