

Celosia plumosa **New Look[®]**

Cockscomb, Feathered amaranth, Woolflower

Culture guide

Uses:

Beddings, border plants, pot plants, exotic plants to balcony or patio flower arrangement.

Exposure:

Sun

Garden height:

14" / 35 cm

Crop time:

11-12 weeks

Sow time:

January-June

Sowing method:

1 seed per plug, sowing directly into final pots is recommended.

Germination:

7-14 days at 72-77 °F (22-25 °C). Light is required for germination. Sow in a well-drained media that has good water holding capacity. Maintain relative humidity levels of 90-95 %.

Growing On:

Grow on at 60-65 °F (16-18 °C). Low temperatures can cause premature flowering and poor garden performance. Fertilize weekly at 150-200 ppm nitrogen in a well-balanced fertilizer.

Media:

Use a well-drained, growing substrate with 15-30 % clay, 1,5-2 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 complete balanced fertilizer. Avoid high ammonium and high nitrogen levels. Prevent magnesium deficiency by applying magnesium sulphate (0,025 %) 1-2 times and in case of iron deficiency apply iron-chelate for 1-2 times.