

# ***Celosia plumosa***

## **FRESH LOOK Red**

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:**

12-14 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/m<sup>3</sup> 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.

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