

# ***Gomphrena globosa*** ***Buddy White***

Globe Amaranth

## ***Culture guide***

### **Uses:**

Plants for borders, pot plants, cut and dried flower production

### **Exposure:**

Sun

### **Garden height:**

6" / 15 cm

### **Crop time:**

8-10 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 (17-18 °C). 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/m<sup>3</sup> complete balanced fertilizer, 0-2 kg/m<sup>3</sup> slow release fertilizer (3 months), iron-chelate, micronutrients, pH: 5.5-5.8. Field: well-drained, sandy loamy soils. Standard fertilization: 60-80 g/m<sup>2</sup> of a slow release fertilizer.

### **Temperature:**

Grow at 20-24 °C during daytime and at 15 °C during night or outdoors. Avoid temperatures below 10 °C. 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/m<sup>3</sup> slow release fertilizer in substrate), using complete balanced fertilizer. Avoid high ammonium and high nitrogen levels. Take care of the phosphate level in substrate.