

# ***Lobularia maritima*** **Wonderland® Mix**

Alyssum

## **Culture guide**

### **Uses:**

Beds, borders, container and color bowls

### **Exposure:**

Sun - Partial shade

### **Garden height:**

3" / 7 cm

### **Crop time:**

8-10 weeks

### **Sowing method:**

5-6 seeds or 1 multipellet per plug

### **Germination:**

2-4 days: Do not cover seed as light aids germination.

Maintain uniform, but not overly wet moisture levels. Dampen soil well before placing into germination chamber when using multi-pelleted seed. Use a well-drained medium as Alyssum can be susceptible to damping off. Maintain temperatures of 75-80 °F (24-27 °C) and relative humidity levels of 95 %.

### **Growing On:**

Alyssum prefers cool finishing temperatures. Maintain 50-55 °F (10-13 °C) night temperatures and 55-60 °F (13-16 °C) day temperatures. Fertilize every other irrigation 150-200 ppm nitrogen in a well-balanced fertilizer.

### **Media:**

Use a well-drained, growing substrate with 20-30 % clay, 1-1,5 kg/m<sup>3</sup> complete balanced fertilizer, 0-2 kg/m<sup>3</sup> slow release fertilizer (3-6 months), iron-chelate, micronutrients, pH 5.5-6.2

### **Temperature:**

Grow at 13-15 °C (55,5-59 °F) during day time and 10-12 °C (50-54 °F) during night. Temperatures above 16 °C (61 °F) will support stretching of the shoots and an application of growth regulators will become necessary. Lobularia does not tolerate temperatures below -2 °C (28,5 °F).

### **Fertilization:**

Low-moderate fertilization levels are required. Fertilize the crop weekly with 100 -150 ppm nitrogen, using alternating a potassium balanced fertilizer and a calcium nitrat fertilizer (N:K<sub>2</sub>O-ratio 1:1,5). Avoid high ammonium and high nitrogen levels. To prevent magnesium deficiency apply magnesium sulphate (0,025 %) 1-2 times and in case of iron deficiency (above pH 6.0) apply iron chelate for 1-2 times.