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Lobularia maritima

# Giga

- Tetraploid genetics
- Perfect for pots, baskets or as ground cover in borders
- Vigorous plants, trailing habit
- Delicate, fluffy flower clusters

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## Crop Time

Spring: 9 - 10 weeks

## Height ?

3 ? / 8 cm

## Exposure

Sun - Partial shade

## Seed Form

Raw Seed, Multipelleted Seed

## Best Uses

Bedding, Rockery

# Culture guide

## Usage

Plant for bedding, a good ground cover for border

## Sow time

March-August End July for flowering in pots from September onwards; Outdoor forcing (frost free): from April onwards

## **Sowing method**

3-5 seeds per plug, sowing directly into final pot is recommended

## **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 76 °F (24 °C) and relative humidity levels of 95 %. Cover seed with a light layer of medium vermiculite.

## **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 0-30 % clay, 0-15 % parts (e. g. perlite, bark), 1-1,5 kg/m<sup>3</sup> complete balanced fertilizer, iron-chelate, micronutrients, pH: 5.5-6.2.

## **Temperature**

Grow at 13-15 °C during daytime and at 10-12 °C during night. Temperatures above 16 °C will support stretching of the shoots and an application of growth regulators will become necessary. Lobularia does not tolerate temperatures below -2 °C.

## **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 nitrate fertilizer (N: K?O-ratio: 1:1,5). 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 (above pH 6.0) apply iron-chelate for 1-2 times.

## Tip

Use Giga White in mixed containers. That looks awesome!

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Stage I Starts with the radicle breaking through the testa. The roots are touching the medium. Ends with fully developed cotyledons.

Stage II Starts from fully developed cotyledons. Ends with the fully developed true leaf or true leaf pair.

Stage III Starts from the fully developed true leaf or true leaf pair and ends with 80% of the young plants being marketable.

Stage IV All young plants are ready for sale and in the process of being hardened off. This stage lasts about 7 days.

The cultural recommendations are based on results from trials conducted under Central European conditions. Different conditions in other parts of the world may lead to deviations in results achieved.

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