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Sagina subulata

- White starry flowers
- Evergreen matforming, trampling-tolerant perennial
- Ideal in paving and an attractive structural plant

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Crop Time

Spring: 13 - 15 weeks

Height

3 ? / 8 cm

Exposure

Sun - Partial shade

Seed Form

Raw Seed

Hardiness Zone

4 - 7

Best Uses

Bedding, Landscape, Rockery

Culture guide

Usage

Cushion perennials for rock garden and graves, plants for dry stone walls and paving, ornamental leaf plants, ground cover plant

Sow time

February-March for flowering in pots from June onwards; Mid July-End August for flowering in pots the following year

Sowing method

3-5 seeds per plug, directly sowing into final pots is possible

Germination

Germinates in 10-14 days at 65-72 °F (18-22 °C). Light is required for germination.

Growing on

Transplant plugs after 5 weeks. Grow on at 60-65 °F; (15-18 °C). Plants prefer cooler growing conditions. Vernalization is not required for flower initiation.

Media

Use a well-drained, growing perennial substrate with 0-15 % clay, 0-20 % parts (e.g. wood fibres, bark, sand, perlite) 1-1,5 kg/m³ complete balanced fertilizer, 0-2 kg/m³ slow release fertilizer (3-9 months), iron-chelate, micronutrients, pH: 5.5-7.0.

Temperature

Grow at 12-15 °C or outdoors. In winter indoors frost free at 3-5 °C or outdoors. Outdoor fleece needed. For wintering the roots should be developed well in the pots. In spring the plants start to grow indoors from end of December onwards for 8-10 weeks at 15-18 °C. Cold temperatures of 8-12 °C will increase the cultivation time. Cold temperatures will increase the flowering time. Sagina does not tolerate hot temperatures.

Fertilization

Low-moderate fertilization levels are required. Fertilize the crop weekly with 80-100 ppm nitrogen (at 2 kg/m³ slow release fertilizer in substrate), using a complete balanced fertilizer. Avoid high ammonium and high nitrogen levels. Don't fertilize after mid September. In spring

fertilize with 80-100 ppm nitrogen, using a potassium balanced fertilizer (N: K₂O-ratio: 1:1,5). 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.

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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