

Myosotis sylvatica

Miro

Alpine Forget-me-not

Culture guide

Uses:

Plants for landscape and borders, pot plants

Exposure:

Sun - Partial shade

Garden height:

6" / 15 cm

Crop time:

22 weeks

Sow time:

Outdoors forcing: Mid June-End August, depending on ambient conditions; Indoor forcing: February-March for green pots, Indoor forcing: mid August-early September for flowering in pots following year

Sowing method:

1-2 seeds per plug, can be sown directly into final pot (3-5 seeds)

Germination:

Germinates in 10-20 days at 65-72 °F (18-22 °C). Light is required for germination.

Growing On:

Transplant plugs after 4-5 weeks. Grow on at 48-54 °F (9-12 °C) night temperature to induce flowering for fall and spring production. Vernalization is required for flower initiation. After vernalization, begin forcing plants at 60-65 °F (15-18 °C) for 5-7 weeks.

Media:

Use a well-drained, growing substrate with 20-30 % clay, 1 kg/m³ complete balanced fertilizer, 0,5-1 kg/m³ slow release fertilizer (3-6 months), iron-chelate, micronutrients, pH: 6.0-7.0.

Temperature:

Grow at 12-15 °C or outdoors. In winter indoors frost free at 3-5 °C. In January the plants start to grow for 3-5 weeks at 7-13 °C. Grow as cool as possible, but avoid freezing temperatures for a good plant quality. At warm temperatures open airing in time.

Fertilization:

Moderate fertilization levels are required. Fertilize the crop weekly with 100-150 ppm nitrogen (at 0 kg/m³ slow release fertilizer in substrate), using a potassium balanced fertilizer (N: K₂O-ratio: 1:1,5). The plants take up the minerals at 5 °C. Avoid high ammonium and high nitrogen levels. Don't fertilize after early October. In spring fertilize 150-200 ppm nitrogen of a complete balanced fertilizer. 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. Temperatures below 10 °C inhibit the iron uptake. Therefore take care of, that the temperature is above 10°C for iron fertilization.