

Campanula carpatica ***Clips Mix***

Carpathian Harebell

Culture guide

Uses:

Perennials for rock garden, all year pot plants

Exposure:

Sun - Partial shade

Garden height:

8" / 20 cm

Crop time:

24 weeks

Sow time:

For 1: End May-End June; For 2:
November-March for flowering in April-August;
For 3: March for flowering in July-August

Sowing method:

For 1: 8-12 seeds per plug; For 2 and 3: 10-15
seeds per plug

Germination:

Sow in a well-drained media with good moisture
holding capacity. Germinates in 14-21 days at
65-70 °F (18-21 °C) with 95 % relative humidity.
Cover seeds lightly with vermiculite.

Growing On:

Transplant plugs after 10-12 weeks. Plant 1-3
plugs in a 4" (10 cm) pot, and 3 plugs in a 6" (15
cm) pot. To promote root development, maintain
soil moisture levels and temperatures of 60-65 °F
(15-18 °C) for 2-3 weeks after transplanting.
Once roots begin to develop, gradually lower
temperatures to 55 °F (12 °C). Begin feeding at
150-200 ppm nitrogen in a well balanced formula.

Media:

Use a well-drained, growing perennial substrate
with 20-30 % clay, 1-1,5 kg/m³ complete
balanced fertilizer, iron-chelate, micronutrients,
pH: 5.5-6.2.

Temperature:

Grow at 13-18 °C. In winter indoors frost free at
3-5 °C or outdoors (for 1). Outdoor fleece cover
needed. In spring the plants start to grow for 5-9
weeks at 15-18 °C (for 1). Cold temperatures at
13-15 °C will increase the cultivation time. A
chilling period for flower initiation is not required
(for 2 and 3).

Fertilization:

Moderate fertilization levels are required. Fertilize the crop weekly with 150 -200 ppm nitrogen, using a potassium balanced fertilizer (N: K₂O-ratio: 1:1,5). Avoid high ammonium and high nitrogen levels. Don't fertilize after mid September. In spring fertilize with 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.