

Delphinium grandiflorum Blue Mirror

Item no.: K3418

Crop Time

Spring: 16 - 20 weeks

Height

50cm

Exposure

Sun - Partial shade

Seed Form

Raw Seed

Hardiness Zone

3b-7b

Best Uses

Bedding, Landscape

Culture guide

Usage

Bedding and border plants, pot and container plants

Sow time

Annual forcing: December-May; Perennial forcing: Mid August-Mid September including wintering

Sowing method

2-3 seeds per plug

Germination

14-18 days at temperatures of 68-72 °F (20-22 °C), cover seed lightly and maintain constant humidity levels. Stage II: gradually lower temperatures to 64-68 °F (17-20 °C). Stage III & IV: begin light fertilization at 50-75 ppm nitrate nitrogen. Use low rates of phosphorus during plug production

Growing on

Transplant plugs 6-8 weeks after sowing. Finish at 45-75 °F (7-24 °C)

Media

Use a well-drained, growing substrate with 10-30 % clay, 0-15 % parts (e.g. bark, sand perlite) 1-2 kg/m³ complete balanced fertilizer, 2-4 kg/m³ slow release fertilizer (3-9 months), iron-chelate, micronutrients, pH: 5.8-6.5.

Temperature

Grow at 13-16 °C or outdoors. In winter indoors frost free at 3-5 °C or outdoors. Outdoor fleece cover and dry substrate needed. In spring the plants start to grow for 8-10 weeks at 15-20 °C. Temperatures below 13 °C in combination with short day is a cause for rosette leaf formation and inhibition of the flower initiation.

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.