

Delphinium Guardian Series

- *Makes great flower arrangements and adds a difference to bouquets*
- *Suitable for cut flower greenhouse or field production*
- *Programmable + Predictable = Profitable*

An excellent commercial cut flower series with richly coloured, full spikes.

This seed breeding breakthrough is programmable and provides very uniform blooming within each variety. Reliable, easy to program, and easy to sell. The Guardian series features stems with large spikes, tightly packed with semi-double blossoms. An essential choice for commercial cut flower growers as well as consumers. It provides verticality to flower arrangements, and its dark blue, lavender and white spikes make for great solid bunches. Great accent in a bouquet or flower arrangement to break the monotony. Perfect for outstanding, huge hotel-like flower arrangements.

Stands above the rest in uniformity, programmability and versatility. Will change the way you grow Delphiniums. Perfect complement for the Delphinium Triton series.



- A Blue:** Dark blue with a white bee: great contrast
- B Lavender:** Light blue-lavender with white bee and awesome pink touch
- C White:** Pure white, with white bees: perfect for weddings and elegant flower arrangements

Delphinium Guardian

Cultural Information

Delphinium elatum

Crop time: From planting to harvest 12 weeks.

Planting Density: 25 plants/sq-m.net or 2 plants/sq-ft.net.

Pre-planting:

-Soil: Well drained, loose soil with no clusters, at least 25 cm (10 in.) deep.

-pH: 5.8 to 6.5.

-Organic fertilizer is recommended.

-Netting: Optional lateral wiring.

Irrigation

Beds should be well watered before planting. Begin production with overhead irrigation. Then switch to drip irrigation 1 week following transplant.

Keep constant moisture (field capacity) during 5 weeks after planting and then reduce irrigation by 50%.

At the end of harvesting, discontinue irrigation 1 week before pruning and restart at 30% one week after pruning.

As leaves appear increase irrigation gradually to 100%.

Fertilization

Use Nitrogen and Potassium: 160 ppm. Delphiniums absorb little nourishment at the

beginning of its cropping time but increases its absorption at its latter period of growth.

The application of high concentrated fertilizer causes root injury at the beginning of growth.

-EC : 1.5.

Pruning

Optional.

Leave between 2 to 3 cm (1 to 2 in.) of the stems.

If no drip irrigation is available, do a higher pruning.

Always seal the wound to avoid infection.

Harvest

Harvest stage should be 40% to 50% aperture.

Post harvest

Place the flowers immediately after cutting in a solution to prevent ethylene damage such as STS for 4 hours.

Pre-cool to 1°C (33°F) prior to shipping for best post-harvest quality and vase life.

Pests & Diseases

- Slugs
- Pythium sp
- Thrips sp
- Powdery mildewTM