



Delphinium

ARIEL SERIES



Seeds



Plugs

Delphinium, a word derived from the Greek word for “dolphin”, was named after its bloom’s shape which looks like a leaping dolphin when seen from its side. The tall, vertical delphiniums are always aiming high; this is why they are widely associated with success and achievement. One of the only true-blue flowers brings us back to the ocean, making them soothing, but also powerful and strong.

- **Double flower delphinium that comes in two colors: Magic violet and white**

- **A seed-breeding breakthrough because it is programmable and provides very uniform blooming within each variety**

- **Reliable, easy to program, and easy to sell**

SUITE:



Magic Violet



White Improved

TECHNICAL INFORMATION

CROP TIME

From planting to harvest 11 weeks.
From prune to harvest: 10 weeks.

PLANTING DENSITY

12-14 plants/m² net or 1 plants/ft² net

PRE-PLANTING

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

pH: 5.5 to 6.5

Netting: 2-3 levels

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.

IRRIGATION

Apply a daily average volume of 5 to 5.5 l/m²/day according to the soil's humidity evapotranspiration conditions and the organoleptic evaluation. At the end of harvest, stop irrigation and restart one week after pruning.

FERTILIZATION

A general fertilization formula can be the following:

N: 80 ppm

P: 40 ppm

K: 150 ppm

Ca: 120 ppm

Mg: 50 ppm

S: 50 ppm

Fe: 2 ppm

Mn: 2.5 ppm

Cu, Zn & B: 0.2 ppm

Maintain EC < 1.3

HARVEST

The optimal harvest stage is when one flower has its petals straight and when the petals start to separate. The maximum cut stage is when the inflorescence has 30% of open flowers.

POSTHARVEST TREATMENT

Use AVB (0.5cm³ /Lt of Water). Mix very well and add AVB Booster (1 cm³/Lt of Water). Keep the flower in this solution for 4 hrs. Then hydrate for 4 hrs in CHRYSAL PROFESSIONAL 2 (10 cm³/Lt of Water).

PACKAGING AND STORAGE

After post-harvest treatment, pack 20 bouquets in a hamper box all placed in the same direction. Immediately after, store in cold room to maintain vase life. Store the hamper box vertically to avoid twisted stems.

PESTS & DISEASES

Slugs

Pythium sp

Thrips sp

Powdery mildewTM

Botrytis sp