

Series: Dianthus hybrid Constant Beauty®



Production Seasons: Early spring through the summer with continued flowering late into the summer season.

Garden Height: 6 to 10 inches (15 to 25 cm)

Garden Width: 10 to 12 inches (26 to 30 cm)

USDA Hardiness Zone: zone 3 – 10

Crop planning from cell packs:

| Pot size: | Plants per pot (pp) | Crop Time (weeks) |
|--------------------------|---------------------|-------------------|
| Quart container (12 cm) | 1 pp | 6 to 9 |
| Gallon container (15 cm) | 1 pp | 9 to 12 |

Propagation:

Constant Beauty URC will be cooled for a minimum of 6 days prior shipping. A rooting hormone dip or K-IBA foliar at 250ppm is highly recommended. Hydration of the URC is key for the first 12-14 days. The leaf sets should not dry down to avoid wilt. After this period the moisture should begin to taper to avoid fungal related issues.

pH: 6.2-6.5

Temp: Root Zone should maintain 68-70F.

Fertilize: 65ppm N via mist or by hand.

Fungal Control: Pageant® at 4-6oz/100.

Growth Regulators: Florel @ 300ppm

Finishing Culture:

pH: 5.8 – 6.5

Fertilizer Requirements: 100 to 200 ppm N using a balanced feed to maintain color of foliage. Include Micro element source as part of fertilizer solution. Ensure proper root growth for flowering by watching EC level and moisture levels. Do not exceed 1.5 EC level for optimum growth.

Temperature: Temperatures at 55°-65° F (13°-18° C) Nights
65°-75° F (18° -24° C) Days
Constant Beauty® Dianthus are very heat tolerant.

Light: 4,000 to 7,000 ft-candles -High to medium-high.

Pinching Requirements: Pinch once established in finished container or in the liner before transplanting. Removal of spent flowers will create continued flowering through the summer months.

Growth Regulators: B-9® is the most economical PGR, spray at 1,500 to 3,500 PPM. They will respond to and Sumagic® and Bonzi®. Use at labeled rates.

Pests/Disease: Aphids and Thrip
Black Stop, Botrytis, Rust are of primary concern.
Preventative drenches / sprays are recommended for crop.