

Series: Dianthus hybrid Constant Cadence®

Production Seasons: Early spring through the summer with continued flowering late into the summer season. While zone hardy, Constant Cadence® is best suited as a pot carnation. Near zero ethylene production allows for easy boxed shipping.

Garden Height: 4 to 6 inches

Garden Width: 6 to 8 inches

USDA Hardiness Zone: zone 4 – 10

Crop planning from cell packs:

Pot size:	Plants per pot (pp)	Crop Time (weeks)
Quart container (12 cm)	1 pp	7 to 9
Gallon container (15 cm)	1 pp	10 to 12

Propagation:

Constant Cadence® 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. Foliar sprays should be applied both day 1 and day 2 from stick. 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 Cadence® 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.