PROPAGATION

PELARGONIUM BROCADE

Pelargonium x hortorum

TRAY & ROOTING

Form **Vegetative Cutting**

Rooting Hormone **Yes**

Tray Size **32, 52, 72, 102 strip**

Plants Per Cell 1

Days In Mist **7-10**

Wks. From Stick To

Transplant 4-5

Pinch? No

Days To Pinch N/A

FERTILITY

Fertilize Through Mist? No

Fertilizer Rate Moderate: 100-150 ppm

(20-10-20 constant feed)

EC Range Moderate (1.0-1.5 mS via SME)

pH Range **6.0-6.4**

TEMPERATURE

Vernalization Required? No

Average Soil

Temperature

65-68°F (18-20°C)

Average Air

Temperature **65-68°F (18-20°C)**

IRRIGATION FREQUENCY

Level 2: Keep media moderately moist with mild dry cycles

LIGHT (SUPPLEMENTAL)

When light levels fall below 1000 fc (10,800 lux)

SHADE

Keep light intensity between 700-1200 fc (7500-12900 lux) until callus formation, 2000-2500 fc (21500-26900 lux) during root initiation, and 2500-4000 fc (26900-43100 lux) for toning.

POTENTIAL DISEASES

Botrytis, Pythium, Rhizoctonia, Xanthomonas

POTENTIAL PESTS

thrips, whitefly, fungus gnats, spider mites

PGR SUGGESTIONS

- Daminozide (85%) at 1000-2000 ppm + Chlormequat (11.8%) at 750ppm tank mix for height control 14-21 days after stick
- Ethephon (3.9%) at 350-500 ppm can be used for bud removal and branching 14-21 days after stick; do not apply within 6-8 weeks of ship date





Brocade Cherry Night

TIPS

- Apply a 200 ppm IBA spray (or equivalent product) within 24 hours of sticking to aid root formation.
- Only mist enough to keep leaves turgid.

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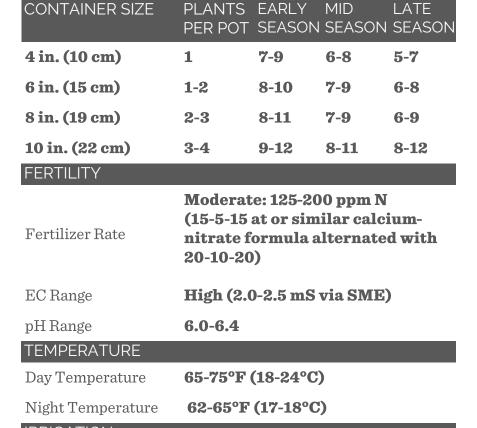
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FINISHING

PELARGONIUM BROCADE

Pelargonium x hortorum





Irrigation Frequency

Level 3: keep media moderately
moist at all times

LIGHT

Daylength Neutral? **Yes**

Supplemental Optional

Benefits From Shade? No

PINCHING

Finishing Pinch? **No**

POTENTIAL DISEASES

Botrytis, Pythium, Rhizoctonia, Xanthomonas

POTENTIAL PESTS

thrips, whitefly, fungus gnats, spider mites

PGR SUGGESTIONS

- 750-1500 ppm *Chlormequat* (11.8%) as needed
- Ethephon (3.9%) at 350-500 ppm can be used for bud removal and branching; do not apply within 6-8 weeks of ship date





Brocade Fire Night

TIPS

- Proper sanitation will help control *Botrytis*, *Pythium* and *Rhizoctonia*. Avoid overapplications of mist and fertilizer; this will help control waterborne pathogens and limit the fungus gnat population.
- Consider direct-stick with callused cuttings to reduce overall production time by 1-2 weeks.

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FFATURES AND BENEFITS

PELARGONIUM BROCADE

Pelargonium x hortorum



DESCRIPTION

Brocade is a novel geranium collection featuring a vigorous growth habit and cultivar options ranging from early-late season.

KEY GARDEN INFORMATION

Sun to Partial Shade Exposure

Height 18-22 inches (46-56 cm)

Garden Spacing 18-22 inches (46-56 cm)

Watering Allow soil to dry slightly instructions between thorough waterings.

Hardiness Zone 10-12

CONSUMER APPEAL

- With their equally intriguing foliage and blooms, consumers feel they are getting a two-for-one deal with our Brocade geraniums.
- With their rich foliage, striking blooms, and mounding growth habit, our Brocade collection works well in mixed-genera combos or in the landscape.

GARDEN ATTRIBUTES

- If planted in the landscape, Pelargonium prefer rich well-drained soils. However, they can tolerate heavy clay soils if not overwatered.
- Although not favored by bees, the long bloom season and bright flowers of Pelargonium naturally attract hummingbirds.

NATIVITY

Of hybrid origin: parental lineages native to Southern Africa.



Brocade Salmon Night

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