

ANNUAL
PROPAGATION
PELARGONIUM BROCADE

Pelargonium x hortorum



TRAY & ROOTING

Form	Vegetative Cutting
Rooting Hormone?	Yes
Plants Per Cell	1
Days In Mist	7-10
Wks. From Stick To Transplant	4-5
Propagation Pinch?	No
Weeks To Pinch	N/A

FERTILITY

Fertilize Through Mist?	No
Fertilizer Rate	Moderate: 100-150 ppm N (20-10-20 constant feed)
EC Range	Moderate (1.0-1.5 mS via SME)
pH Range	6.0-6.4

TEMPERATURE

Average Soil Temp	18-20°C
Average Air Temp	18-20°C

IRRIGATION

Irrigation Frequency	Level 3: Keep media moderately moist with mild dry cycles
----------------------	--

LIGHT

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

- Chlormequat
- Daminozide + Chlormequat tank mix for height control 14-21 days after stick



TIPS

- Only mist enough to keep leaves turgid.

WE'RE HERE TO HELP YOU GROW

Joel Kempfer - Product Manager

J.kempfer@dummenorange.com

614-850-9551

DummenOrange.com

ANNUAL FINISHING PELARGONIUM BROCADE

Pelargonium x hortorum



CONTAINER SIZE	PLANTS PER POT	EARLY SEASON	MID SEASON	LATE SEASON
10 cm and up	1	7-9	6-8	5-7
15 cm and up	1-2	8-10	7-9	6-8
22 cm and up	2-3	8-11	7-9	6-9

FERTILITY	
Fertilizer	Moderate: 125-200 ppm N (15-5-15 at or similar calcium-nitrate formula alternated with 20-10-20)
EC Range	High (2.0-2.5 mS via SME)
pH Range	6.0-6.4

TEMPERATURE	
Day Temperature	18-24°C
Night Temperature	17-18°C

IRRIGATION	
Irrigation Frequency	Level 4: Keep media moderately

LIGHT	
Daylength Neutral?	Yes
Supplemental	Optional
Benefits From Shade?	No

PINCHING	
Finishing Pinch?	No
Transplant to Pinch (days)	N/A

POTENTIAL DISEASES	
Botrytis, Pythium, Rhizoctonia, Xanthomonas	

POTENTIAL PESTS	
thrips, whitefly, fungus gnats, spider mites	

PGR SUGGESTIONS	
• Chlormequat • Ethephon can be used for bud removal and branching; do not apply within 6-8 weeks of ship date	



TIPS

- Proper sanitation will help control Botrytis, Pythium and Rhizoctonia. Avoid over-applications 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.

WE'RE HERE TO HELP YOU GROW

Joel Kempfer - Product Manager
J.kempfer@dummenorange.com
614-850-9551
[DummenOrange.com](https://www.dummenorange.com)

ANNUAL

FEATURES AND BENEFITS

PELARGONIUM BROCADE

Pelargonium x hortorum



KEY INFORMATION

Consumer Watering Instructions	Allow soil to dry slightly between thorough waterings.
Bloom Time	«Bloomtime»
Exposure	Full Sun to Partial Shade
Height	46-56 cm
Width	30-46cm

DESCRIPTION

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



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.
- «Consumer Appeal 3 (cut flowers, fragrant)»

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. Additionally, their recognizable foliage aroma is a natural deterrent to rabbits, dear, and herbivorous insects.
- Pelargonium can be overwintered indoors for extended seasonal interest.



NATIVITY

Of hybrid origin: parental lineages native to Southern Africa.

WE'RE HERE TO HELP YOU GROW

Joel Kempfer - Product Manager
J.kempfer@dummenorange.com
614-850-9551

DummenOrange.com