

IVY GERANIUM

PROPAGATION

PELARGONIUM MINICASCADE

Pelargonium x peltatum



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	5.2-5.8

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 750-1500 ppm + *Chlormequat* (11.8%) at 600ppm tank mix for height control 14-21 days after stick



Minicascade Red

TIPS

- Apply a 200 ppm IBA spray (or equivalent product) within 24 hours of sticking to aid root formation.
- Minicascade is a compact series, PGRs may not be required.
- Only mist enough to keep leaves turgid.

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FINISHING

PELARGONIUM MINICASCADE

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CONTAINER SIZE	PLANTS PER POT	EARLY SEASON	MID SEASON	LATE SEASON
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4 in. (10 cm) and up	1	10	8	7
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6 in. (15 cm) and up	2	11	9	8
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10 in. (22 cm)	3-5	13	11	8
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FERTILITY

Fertilizer Rate **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 **5.2-5.8**

TEMPERATURE

Day Temperature **65-75°F (18-24°C)**

Night Temperature **62-65°F (17-18°C)**

IRRIGATION

Irrigation Frequency **Level 3: keep media moderately moist at all times**

LIGHT

Daylength Neutral? **Yes**

Supplemental **Optional**

Benefits From Shade? **No**

PINCHING

Finishing Pinch? **Yes**

POTENTIAL DISEASES

Botrytis, Pythium, Rhizoctonia, Xanthomonas

POTENTIAL PESTS

thrips, whitefly, fungus gnats, spider mites

PGR SUGGESTIONS

• 750-1500 ppm *Chlormequat* (11.8%) as needed



Minicascade Lavender

TIPS

- Ivy geraniums naturally attract thrips, keep this in mind when scouting.
- 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.

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FEATURES AND BENEFITS

PELARGONIUM MINICASCADE

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DESCRIPTION

Minicascade is an early season single flowering ivy geranium with compact vigor.

KEY GARDEN INFORMATION

Exposure	Sun to Partial Shade
Height	12-18 inches (30-46cm)
Garden Spacing	12-18 inches (30-46cm)
Watering instructions	Allow soil to dry slightly between thorough waterings.
Hardiness Zone	10-12

CONSUMER APPEAL

- Classic trailing ivy perfect for containers and hanging baskets.
- Minicascade can be counted-on for continued performance in the heat, humidity and rain.

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, deer, and herbivorous insects.
- Pelargonium can be overwintered indoors for extended seasonal interest.

NATIVITY

Of hybrid origin: parental lineages native to Southern Africa.



Minicascade Pink

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