

ANNUAL
PROPAGATION

PELARGONIUM GREAT BALLS OF FIRE®

Pelargonium peltatum



TRAY & ROOTING

Form	Vegetative Cutting
Rooting Hormone?	Yes
Days In Mist	8-15
Wks. From Stick To Transplant	4-4
Propagation Pinch?	No
Days 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	5.2-5.7

TEMPERATURE

Average Soil Temp	20-22°C
Average Air Temp	18-22°C

IRRIGATION

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

Supplemental	No
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

Rhizoctonia, Botrytis

POTENTIAL PESTS

thrips, aphids, fungus gnats

PGR SUGGESTIONS

- Chlormequat
- Daminozide spray



TIPS

- Ivy geraniums require less mist and irrigation than other geraniums. Avoid over-misting and prolonged media saturation. As soon as roots initiate, stop misting and irrigate with fertilizer solution starting at 75-100 ppm.

WE'RE HERE TO HELP YOU GROW

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PELARGONIUM GREAT BALLS OF FIRE®

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

Fertilizer Rate **Moderate: 100-175 ppm N (15-5-15 or similar calcium-nitrate formula alternated with 20-10-20)**

EC Range **Moderate (1.5-2.0 mS via SME)**

pH Range **5.2-5.7**

TEMPERATURE

Day Temperature **18-24°C**

Night Temperature **17-18°C**

IRRIGATION

Irrigation Frequency **Level 4: Keep media moderately moist at all times**

LIGHT

Daylength Neutral? **Yes**

Supplemental **No**

Benefits From Shade? **No**

PINCHING

Finishing Pinch? **Yes**

Transplant to Pinch (days) **«FinDays Transplant to Pinch»**

POTENTIAL DISEASES

Rhizoctonia, Botrytis

POTENTIAL PESTS

thrips, aphids, fungus gnats

PGR SUGGESTIONS

- Chlormequat
- Chlormequat + Daminozide tank mix



TIPS

- Plant liners at or slightly below the root medium surface but avoid burying too deep.
- Sensible to Edema. Keep good wet soil and don't allow to dry. Wet/dry alternance promote Oedema development. Avoid high temperatures around the plant: ventilation is basic
- For best growth control, provide high light, lower temperatures, and space on time. An early (around 10 days after transplant) PGR application can help to prevent early stretch and large leaves.
- Consider direct-stick with callused cuttings to reduce overall production time by 1-2 weeks.

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FEATURES AND BENEFITS

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KEY INFORMATION

Consumer Watering Instructions	Allow soil to dry slightly between thorough waterings.
Exposure	Full Sun to Partial Shade
Height	46-61 cm
Width	46-56 cm

DESCRIPTION

Great Balls of Fire® is a double- flowering medium vigor ivy geranium ideal for mid-season production.

CONSUMER APPEAL

- Goodness gracious – this ivy geranium is a must-have for high-impact baskets and mixed planters! Finish Great Balls of Fire® in large baskets for high impulse appeal at retail.
- Bred for heat tolerance, Great Balls of Fire® blooms non-stop through heat and humidity.
- «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. Plants are easy to grow with self-cleaning flowers. Great Balls of Fire® can benefit from dappled shade in the hot afternoon hours.
- 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

NATIVITY

Southern Africa



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