

IVY GERANIUM

## PROPAGATION

# PELARGONIUM GREAT BALLS OF FIRE®

*Pelargonium peltatum*



### TRAY & ROOTING

Form	<b>Vegetative Cutting</b>
Rooting Hormone	<b>Yes</b>
Tray Size	<b>32, 52, 72, 102 strip</b>
Plants Per Cell	<b>1</b>
Days In Mist	<b>8-16</b>
Wks. From Stick To Transplant	<b>4-5</b>
Pinch?	<b>No</b>
Days To Pinch	<b>N/A</b>

### FERTILITY

Fertilize Through Mist?	<b>No</b>
Fertilizer Rate	<b>Moderate: 100-150 ppm (20-10-20 constant feed)</b>
EC Range	<b>Moderate (1.0-1.5 mS via SME)</b>
pH Range	<b>5.2-5.8</b>

### TEMPERATURE

Vernalization Required?	<b>No</b>
Average Soil Temperature	<b>68-72°F (20-22°C)</b>
Average Air Temperature	<b>65-72°F (18-22°C)</b>

### IRRIGATION FREQUENCY

Level 2: Keep media moderately moist with mild dry cycles

### LIGHT (SUPPLEMENTAL)

No

### 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

- 1,500-2500 ppm *Daminozide* (85%) spray



Great Balls of Fire® Blue



Great Balls of Fire® Lilac

### TIPS

- Apply a 200 ppm IBA spray (or equivalent product) within 24 hours of sticking to aid root formation.
- 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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## FINISHING

# PELARGONIUM GREAT BALLS OF FIRE®

*Pelargonium peltatum*



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**

**6 in. (15 cm) and up**      **2**      **11**      **9**      **8**

**10 in. (22 cm)**      **3-5**      **13**      **11**      **10**

### 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      **5.2-5.8**

### 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      **No**

Benefits From Shade?      **No**

### PINCHING

Finishing Pinch?      **Yes**

### POTENTIAL DISEASES

*Rhizoctonia, Botrytis*

### POTENTIAL PESTS

thrips, aphids, fungus gnats

### PGR SUGGESTIONS

- 750-1500 ppm *Chlormequat* (11.8%) as needed
- 750-1250 ppm *Chlormequat* (11.8%) + 1500-2000 ppm *Daminozide* (85%) tank mix



Great Balls of Fire® Merlot

### TIPS

- Plant liners at or slightly below the root medium surface but avoid burying too deep.
- To help prevent edema/oedema; avoid quick large temperature changes, irrigate in the morning and maintain a moist root medium.
- 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.
- Great Balls of Fire Ivy geraniums can tolerate greater amounts of light than traditional ivy geraniums. Provide 3500-6000 fc (37700-64600 lux)
- Consider direct-stick with callused cuttings to reduce overall production time by 1-2 weeks.

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## FEATURES AND BENEFITS

# PELARGONIUM GREAT BALLS OF FIRE®

*Pelargonium peltatum*



### DESCRIPTION

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

### KEY GARDEN INFORMATION

Exposure	<b>Sun to Partial Shade</b>
Height	<b>18-24 inches (46-61 cm)</b>
Garden Spacing	<b>18-24 inches (46-61 cm)</b>
Watering instructions	<b>Allow soil to dry slightly between thorough waterings.</b>
Hardiness Zone	<b>10-12</b>

### 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.

### 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 seasonal interest.

### NATIVITY

Southern Africa



Great Balls of Fire® Pink

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