IVY GERANIUM

PELARGONIUM GREAT BALLS OF FIRE®

Pelargonium peltatum

TRAY & ROOTING

Form: Vegetative Cutting
Rooting Hormone: Yes
Tray Size: 32, 52, 72, 102 strip
Plants Per Cell: 1
Days In Mist: 8-16
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 N (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: 68-72°F (20-22°C)
Average Air Temperature: 65-72°F (18-22°C)

IRRIGATION FREQUENCY

Level 3: 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

CULTIVAR LIST

Blue, Burgundy Blaze, Dark Red, Deep Rose, Lavender, Light Lavender, Melon, Merlot, Pink, Stars and Stripes, Velvet Red, White 2019

TIPS

• Apply a 200 ppm IBA spray (or equivalent product) within 24 hours of sticking to aid root formation.
• Great Balls of Fire® Lavender and Blue may require additional attention to root effectively and uniformly. Monitor mist, moisture, nutrition, and temperature very closely on these two cultivars.
• 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

WE'RE HERE TO HELP YOU GROW
Tech.NA@DummenOrange.com
614-850-9551
DummenOrange.com
# Finishing

## Pelargonium Great Balls of Fire®

_Pelargonium peltatum_

<table>
<thead>
<tr>
<th>CONTAINER SIZE</th>
<th>PLANTS PER POT</th>
<th>EARLY SEASON</th>
<th>MID SEASON</th>
<th>LATE SEASON</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 in. (10 cm) and up</td>
<td>1</td>
<td>10</td>
<td>8</td>
<td>7</td>
</tr>
<tr>
<td>6 in. (15 cm) and up</td>
<td>2</td>
<td>11</td>
<td>9</td>
<td>8</td>
</tr>
<tr>
<td>10 in. (22 cm)</td>
<td>3-5</td>
<td>13</td>
<td>11</td>
<td>10</td>
</tr>
</tbody>
</table>

### 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 4: 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 Chloromequat (11.8%) as needed
- 750-1250 ppm Chloromequat (11.8%) + 1500-2000 ppm Daminozide (85%) tank mix

---

**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.

---

WE’RE HERE TO HELP YOU GROW

Tech.NA@DummenOrange.com
614-850-9551
DummenOrange.com
IVY GERANIUM
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

<table>
<thead>
<tr>
<th>Exposure</th>
<th>Full Sun to Partial Shade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>18-24 inches (46-61 cm)</td>
</tr>
<tr>
<td>Garden Spacing</td>
<td>18-24 inches (46-61 cm)</td>
</tr>
<tr>
<td>Watering</td>
<td>Allow soil to dry slightly between thorough waterings.</td>
</tr>
<tr>
<td>Hardiness Zone</td>
<td>10-12</td>
</tr>
</tbody>
</table>

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 aft.
- 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

WE'RE HERE TO HELP YOU GROW
Tech.NA@DummenOrange.com
614-850-9551
DummenOrange.com