# IVY GERANIUM

## PROPAGATION

### PELARGONIUM GLOBAL

*Pelargonium x peltatum*

<table>
<thead>
<tr>
<th>TRAY &amp; ROOTING</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Vegetative Cutting</td>
</tr>
<tr>
<td>Rooting Hormone</td>
<td>Yes</td>
</tr>
<tr>
<td>Tray Size</td>
<td>32, 52, 72, 102 strip</td>
</tr>
<tr>
<td>Plants Per Cell</td>
<td>1</td>
</tr>
<tr>
<td>Days In Mist</td>
<td>7-10</td>
</tr>
<tr>
<td>Wks. From Stick To</td>
<td>3-4</td>
</tr>
<tr>
<td>Transplant</td>
<td></td>
</tr>
<tr>
<td>Pinch?</td>
<td>No</td>
</tr>
<tr>
<td>Days To Pinch</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### FERTILITY

<table>
<thead>
<tr>
<th>Fertilize Through Mist?</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fertilizer Rate</td>
<td>Moderate: 100-150 ppm N (20-10-20 constant feed)</td>
</tr>
<tr>
<td>EC Range</td>
<td>Moderate (1.0-1.5 mS via SME)</td>
</tr>
<tr>
<td>pH Range</td>
<td>6.0-6.4</td>
</tr>
</tbody>
</table>

### TEMPERATURE

<table>
<thead>
<tr>
<th>Vernalization Required?</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Soil Temperature</td>
<td>65-68°F (18-20°C)</td>
</tr>
<tr>
<td>Average Air Temperature</td>
<td>65-68°F (18-20°C)</td>
</tr>
</tbody>
</table>

### IRRIGATION FREQUENCY

Level 3: 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

- Diaminozide (85%) at 1000-2000 ppm + Chormequat (11.8%) at 750ppm tank mix for height control 14-21 days after stick

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**CULTIVAR LIST**

Burgundy, Lavender, Red, Rose Pink, Royal White

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**TIPS**

- Apply a 200 ppm IBA spray (or equivalent product) within 24 hours of sticking to aid root formation.
- Only mist enough to keep leaves turgid.

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FINISHING

PELARGONIUM GLOBAL

*Pelargonium x 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>8</td>
</tr>
</tbody>
</table>

**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**: 6.0-6.4

**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**: Optional
- **Benefits From Shade?**: No

**PINCHING**

- **Finishing Pinch?**: No

**POTENTIAL DISEASES**

- Botrytis, Pythium, Rhizoctonia, Xanthomonas

**POTENTIAL PESTS**

- thrips, whitefly, fungus gnats, spider mites

**PGR SUGGESTIONS**

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

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**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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IVY GERANIUM
FEATURES AND BENEFITS

PELARGONIUM GLOBAL

*Pelargonium x peltatum*

**DESCRIPTION**

Global is a medium vigor double flowering ivy geranium ideal for mid-season production.

**KEY GARDEN INFORMATION**

<table>
<thead>
<tr>
<th>Exposure</th>
<th><strong>Full Sun to Partial Shade</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td><strong>12-18 inches (30-46cm)</strong></td>
</tr>
<tr>
<td>Garden Spacing</td>
<td><strong>12-18 inches (30-46cm)</strong></td>
</tr>
<tr>
<td>Watering instructions</td>
<td><strong>Allow soil to dry slightly between thorough waterings.</strong></td>
</tr>
<tr>
<td>Hardiness Zone</td>
<td>10-12</td>
</tr>
</tbody>
</table>

**CONSUMER APPEAL**

- The Global series features glossy foliage on pendulous branches loaded with flowers. Due to its globe-like habit, Global excels in window boxes and hanging basket.
- This series was bred for heat tolerance and edema/oedema resistance giving it all-weather performance.

**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.

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