IVY GERANIUM

PROPAGATION

PELARGONIUM GLOBAL INNOVATION

*Pelargonium x peltatum*

**TRAY & ROOTING**

<table>
<thead>
<tr>
<th>Form</th>
<th>Vegetative Cutting</th>
</tr>
</thead>
<tbody>
<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 Transplant</td>
<td>3-4</td>
</tr>
<tr>
<td>Pinch?</td>
<td>No</td>
</tr>
<tr>
<td>Days To Pinch</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**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                | 6.0-6.4             |

**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**

- *Dazin oxide* (85%) at 1000-2000 ppm + *Chlormequat* (11.8%) at 750ppm tank mix for height control 14-21 days after stick

**CULTIVAR LIST**

Ruby Twist, Stars and Stripes

‘Global Innovation Ruby Twist’

**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.

**WE’RE HERE TO HELP YOU GROW**

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IVY GERANIUM
FINISHING
PELARGONIUM GLOBAL INNOVATION

_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 3: 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 Chloromequat (11.8%) as needed

‘Global Innovation Stars and Stripes’

**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 gnats population.

• Consider direct-stick with callused cuttings to reduce overall production time by 1-2 weeks.

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FEATURES AND BENEFITS

PELARGONIUM GLOBAL INNOVATION

*Pelargonium x peltatum*

DESCRIPTION

Global Innovation features double bicolor flowers, and a medium vigor growth habit. This ivy geranium is ideal for mid-season production.

KEY GARDEN INFORMATION

<table>
<thead>
<tr>
<th>Exposure</th>
<th>Sun to Partial Shade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>12-18 inches (30-46cm)</td>
</tr>
<tr>
<td>Garden Spacing</td>
<td>12-18 inches (30-46cm)</td>
</tr>
<tr>
<td>Watering instructions</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

- The Global innovation series features glossy foliage on pendulous branches loaded with flowers. Due to its globe-like habit, Global Innovation 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, deer, 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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