INTERSPECIFIC GERANIUM

PROPAGATION

PELARGONIUM SARITA®

Pelargonium x hybrida

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>8-16</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

<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>68-72°F (20-22°C)</td>
</tr>
<tr>
<td>Average Air Temperature</td>
<td>65-72°F (18-22°C)</td>
</tr>
</tbody>
</table>

IRRIGATION FREQUENCY

Level 4: Keep media moderately moist at all times

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

Xanthomonas, Rhizoctonia, Botrytis

POTENTIAL PESTS

thrips, aphids, fungus gnats

PGR SUGGESTIONS

- 1,500-2500 ppm Daminozide (85%) spray
- Ethephon (3.9%) at 350-500 ppm can be used for bud removal and branching 12-21 days after stick (when liners are rooted). Do not apply within 6-8 weeks of ship date.

CULTIVAR LIST

Dark Red 2019, Fire, Lilac Splash, Neon Sizzle, Pink, Punch, Sunstar Red, White, Wild Salmon

TIPS

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

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614-850-9551
DummenOrange.com
# INTERSPECIFIC GERANIUM

## FINISHING

### PELARGONIUM SARITA®

*Pelargonium x hybrida*

<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>6 in. (15 cm)</td>
<td>1</td>
<td>6-8</td>
<td>5-7</td>
<td>4-6</td>
</tr>
<tr>
<td>8 in. (19 cm)</td>
<td>1-2</td>
<td>7-11</td>
<td>7-10</td>
<td>7-9</td>
</tr>
<tr>
<td>10 in. (22 cm)</td>
<td>2-3</td>
<td>8-12</td>
<td>8-11</td>
<td>8-10</td>
</tr>
<tr>
<td>12 in. (30 cm)</td>
<td>3-4</td>
<td>8-12</td>
<td>8-11</td>
<td>8-10</td>
</tr>
</tbody>
</table>

### TIPS
- Cultivars in this series are relatively vigorous and will likely require PGR applications.
- Utilize fertilizer formulations low in phosphorous and ammonium to help control stretch, increase branching, increase shelf life, and encourage full flowering.
- Consider direct-stick with callused cuttings to reduce overall production time by 1-2 weeks.

### 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**
  - 58-62° (14-17°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?** No

### POTENTIAL DISEASES

- Xanthomonas, Rhizoctonia, Botrytis

### POTENTIAL PESTS

- thrips, aphids, fungus gnat

### PGR SUGGESTIONS

- 750-1500 ppm Chlormequat (11.8%) as needed
- 1200 ppm Chlormequat (11.8%) + 2500 ppm Daminozide (85%) tank mix

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INTERSPECIFIC GERANIUM
FEATURES AND BENEFITS

PELARGONIUM SARITA®
*Pelargonium x hybrida*

**DESCRIPTION**

Sarita® is a medium vigor dark foliaged interspecific series with large single flowers.

**KEY GARDEN INFORMATION**

<table>
<thead>
<tr>
<th>Exposure</th>
<th>Full 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**

- Interspecifics are known for their heat tolerance and versatility, this series is no exception.

**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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