### TRAY & ROOTING

<table>
<thead>
<tr>
<th>Trait</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Vegetative Cutting (URC)</td>
</tr>
<tr>
<td>Rooting Hormone?</td>
<td>Yes</td>
</tr>
<tr>
<td>Tray Size</td>
<td>72, 102</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>4</td>
</tr>
<tr>
<td>Propagation Pinch?</td>
<td>Yes</td>
</tr>
<tr>
<td>Weeks To Pinch</td>
<td>3</td>
</tr>
</tbody>
</table>

### FERTILITY

<table>
<thead>
<tr>
<th>Trait</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fertilize Through Mist?</td>
<td>50-75ppm N</td>
</tr>
<tr>
<td>Fertilizer Rate</td>
<td>100-150ppm N</td>
</tr>
<tr>
<td>EC Range</td>
<td>Low: (0.8-2.0 mS via SME)</td>
</tr>
<tr>
<td>pH Range</td>
<td>5.0-5.5</td>
</tr>
</tbody>
</table>

### TEMPERATURE

<table>
<thead>
<tr>
<th>Trait</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Soil Temp</td>
<td>70-75°F (21-24°C)</td>
</tr>
<tr>
<td>Average Air Temp (Day)</td>
<td>75-80°F (24-27°C)</td>
</tr>
<tr>
<td>Average Air Temp (Night)</td>
<td>68-72°F (20-22°C)</td>
</tr>
</tbody>
</table>

### IRRIGATION

<table>
<thead>
<tr>
<th>Trait</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irrigation Frequency</td>
<td>Level 3: Keep media moderately moist with mild dry cycles</td>
</tr>
</tbody>
</table>

### LIGHT

<table>
<thead>
<tr>
<th>Trait</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daylength Neutral?</td>
<td>Yes</td>
</tr>
<tr>
<td>Supplemental</td>
<td>18 hour days</td>
</tr>
<tr>
<td>Benefits From Shade?</td>
<td>No</td>
</tr>
</tbody>
</table>

### POTENTIAL DISEASES

- Botrytis, Pythium, Powdery Mildew

### POTENTIAL PESTS

- Fungus Gnats, Mites, Shore Flies

### PGR SUGGESTIONS

- Avoid Florel (3.9% Ethephon)

### CULTIVAR LIST

- Alwin, Belfort, Patio Princess, President George Bartlett, Ringwood Market

### TIPS

- Excessive misting can cause poor rooting in Fuschia cuttings.

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FINISHING

FUCHSIA ARÊTES

_Fuchsia x hybrida_

<table>
<thead>
<tr>
<th>CONTAINER SIZE</th>
<th>PLANTS PER POT</th>
<th>TRANSPLANT TO FINISH (WEEKS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 in. (10 cm)</td>
<td>1</td>
<td>8-10</td>
</tr>
<tr>
<td>6 in. (15 cm)</td>
<td>1-2</td>
<td>8-10</td>
</tr>
<tr>
<td>12 in. (30 cm)</td>
<td>4-5</td>
<td>12-16</td>
</tr>
</tbody>
</table>

**FERTILITY**

- Fertilizer Rate: 150-200 ppm N
- EC Range: High: (3.5-5 mS via SME)
- pH Range: 5.2-5.6

**TEMPERATURE**

- Day Temperature: 65-73°F (18-23°C)
- Night Temperature: 68-75°F (20-24°C)

**IRRIGATION**

- Irrigation Frequency: Level 2: Allow media to dry moderately between thorough waterings

**LIGHT**

- Daylength Neutral?: Yes
- Optimum Light Level: 4,000-7,000 fc (43,100-75,300 lux)
- Supplemental: None
- Benefits From Shade?: Yes

**PINCHING**

- Finishing Pinch?: Yes
- Transplant to Pinch (days): As needed to shape

**POTENTIAL DISEASES**

Botrytis, Pythium, Powdery Mildew

**POTENTIAL PESTS**

Fungus Gnats, Mites, Shore Flies

**PGR SUGGESTIONS**

- Plants are naturally compact and free flowing, no PGR required.

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**TIPS**

- Provide even moisture during early growth. DO NOT overwater.
- Fuchsia has a heavy fertilizer requirement. Constant fertilization 15-0-15 alternating with 20-10-20 is best. As the plants mature, the rate can be increased to 200-300ppm. An acidifying fertilizer with iron is recommended.
- Avoid temperatures above 75°F (24°C) and below 60°F (15°C). Fuchsia can benefit from mild shade after transplant but should experience high light at finish.
- Liners can be soft pinched at or shortly after transplant to promote early branching. Additional pinching is not needed as these Fuchsia are free-branching even without pinching.
- Fuchsia Arêtes have shown very early flowering without daylength extension. Although daylength extension may speed flowering, it is

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ANNUAL

FEATURES AND BENEFITS

FUCHSIA ARÊTES

*Fuchsia x hybrida*

<table>
<thead>
<tr>
<th>KEY INFORMATION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Common Name: <strong>Fuchsia</strong></td>
<td>Classic trailing plant with excellent pot and hanging basket performance.</td>
</tr>
<tr>
<td>Consumer Watering Instructions: <strong>Keep soil evenly moist, but not saturated.</strong></td>
<td></td>
</tr>
<tr>
<td>Bloom Time: <strong>Blooms Summer to Autumn</strong></td>
<td></td>
</tr>
<tr>
<td>Exposure: <strong>Part Shade</strong></td>
<td></td>
</tr>
<tr>
<td>Height: <strong>8-12 inches (20-30 cm)</strong></td>
<td></td>
</tr>
<tr>
<td>Garden Spacing: <strong>18-24 inches (46-61 cm)</strong></td>
<td></td>
</tr>
</tbody>
</table>

CONSUMER APPEAL

- Resilient flowers that retain their color throughout the growing season.
- The unique flower structure of Fuchsias attract butterflies and hummingbirds.
- Strong branching and heat tolerance makes a second flush of blooms possible in mid-late summer.

GARDEN ATTRIBUTES

- Best grown in hanging baskets or containers that are sheltered from harsh conditions. Planting in the landscape is inadvisable.
- If repotting, grow in extra-fertile, consistently moist, well-drained soil.
- Can be overwintered in zones 10-11.

NATIVITY

Of hybrid origin: parental lineages native to South and North America including the southern USA, Caribbean, and Central America.

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