## Begonia x hybridra

### Annual Propagation

<table>
<thead>
<tr>
<th><strong>Tray &amp; Rooting</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Form</strong></td>
<td>Vegetative Cutting (URC)</td>
</tr>
<tr>
<td><strong>Rooting Hormone?</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Tray Size</strong></td>
<td>102 strip, spaceable</td>
</tr>
<tr>
<td><strong>Plants Per Cell</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Days In Mist</strong></td>
<td>14-21</td>
</tr>
<tr>
<td><strong>Wks. From Stick To Transplant</strong></td>
<td>4-5</td>
</tr>
<tr>
<td><strong>Propagation Pinch?</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Weeks To Pinch</strong></td>
<td>3 *must be pinched early prior to reaching 5 nodes</td>
</tr>
</tbody>
</table>

### Fertility

| **Fertilize Through Mist?** | None |
| **Fertilizer Rate** | 50-100ppm N |
| **EC Range** | Low: \((0.8-2.0 \text{ mS via SME})\) |
| **pH Range** | 5.6-6.2 |

### Temperature

| **Average Soil Temp** | 70-75°F (21-24°C) |
| **Average Air Temp (Day)** | 75-80°F (24-27°C) |
| **Average Air Temp (Night)** | 68-72°F (20-22°C) |

### Irrigation

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

### Light

| **Daylength Neutral?** | No |
| **Supplemental** | 14 hour days |
| **Benefits From Shade?** | Yes |

### Potential Diseases

- Botrytis
- Xanthomonas
- Powdery Mildew

### Potential Pests

- White Fly
- Mites
- Thrips

### PGR Suggestions

- 500ppm Cycocel/Citadel (11.8% Chlormequat).

### Cultivar List

- Champagne
- Sunrise
- Citrix
- Hot Orange
- Hot Coral
- Yellow

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**Tips**

- Unpack and sort cuttings in a cooler at 54°F (12°C). Store in cooler overnight if not stuck immediately.
- Use care when sticking to not cover the apical growing point of the cutting by arranging the large leaves in one direction.
- Apply only enough mist to keep the cuttings turgid. Mist may be required both day and night for the first 10-14 days. Once cuttings begin to root, mist should be reduced and completely off by around day 20.
- Between September 21 and March 21, cuttings must receive long photo periods during propagation to prevent premature flowering. Mum lighting from 10pm to 2am or HID supplemental light from sundown to 2 am can be used to provide long days.

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**We’re Here to Help You Grow**

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# ANNUAL

## FINISHING

### BEGONIA I’CONIA PORTOFINO

*Begonia 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>6-9</td>
</tr>
<tr>
<td>6 in. (15 cm)</td>
<td>2-3</td>
<td>9-12</td>
</tr>
<tr>
<td>10 in. (22 cm) and up</td>
<td>4-5</td>
<td>10-14</td>
</tr>
</tbody>
</table>

### FERTILITY

- **Fertilizer Rate**: 100-150 ppm N
- **EC Range**: Moderate: (2.0-3.5 mS via SME)
- **pH Range**: 5.6-6.2

### TEMPERATURE

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

### IRRIGATION

- **Irrigation Frequency**: Level 3: Keep media moderately moist with mild dry cycles

### LIGHT

- **Daylength Neutral?**: No
- **Optimum Light Level**: 3,000-7,000 fc (32,300-75,300 lux)
- **Supplemental Benefits From Shade?**: Yes

### PINCHING

- **Finishing Pinch?**: Optional
- **Transplant to Pinch (days)**: If not pinched in prop, pinch upon transplant to three nodes

### POTENTIAL DISEASES

- Botrytis, Xanthomonos, Powdery Mildew

### POTENTIAL PESTS

- White Fly, Mites, Thrips

### PGR SUGGESTIONS

- 500-1000ppm Cycocel/Citadel (11.8% Chlormequat).
- Low rates of B-Nine (85% Daminozide) at 1000-1500ppm, or Cycocel/Citadel (11.8% Chlormequat) at (250-350ppm), or a tank mix spray can be applied to control growth as needed.

### TIPS

- T’Conia Begonias finish best under moderate light of 3000-5000 fc (32000-54000 lux) Avoid moving plants from moderate light to high light or to high temperatures without acclimating first. This can result in scorched leaves.
- Several environmental/production factors can be used to initiate flowers once the plants are 2/3 the desired finish size. Black cloth for 14 days, moisture stress (letting the plants slightly wilt several times before watering), low fertility (withholding).

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‘TConia Portofino Citrix’

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FEATURES AND BENEFITS

BEGONIA I’CONIA PORTOFINO

*Begonia x hybrida*

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KEY INFORMATION

Primary Common Name: **Begonia**

Consumer Watering Instructions: *Keep soil evenly moist, but not saturated.*

Bloom Time: **Blooms Spring to Autumn**

Exposure: **Full Sun to Full Shade**

Height: **12-16 inches (30-41 cm)**

Garden Spacing: **12-16 inches (30-41 cm)**

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DESCRIPTION

The most advanced hybrid Begonia genetics are fully exhibited in the I’Conia Portofino series. With absurd flower power, little-to-no shedding, and large elegant flowers, these cultivars are the future of begonias.

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CONSUMER APPEAL

- Wonderful colors that pop against deep begonia foliage.
- The I’Conia brand is centered around the concept of “instant elegance”.

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GARDEN ATTRIBUTES

- Ideal for patio containers and premium hanging baskets.
- Prefers moist, well drained soils.
- Wonderfully colorful blooms produced continuously all summer long that are perfect for high traffic areas.

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NATIVITY

Of hybrid origin: parental lineages native to South and Central America, Asia, and Africa.

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‘IConia Portofino Champagne’

The I’Conia brand comes with a complete selection of point-of-purchase material.

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