ANNUAL
PROPAGATION
BEGONIA I'CONIA
Begonia x hybrida

TRAY & ROOTING
Form
Vegetative Cutting (URC)
Rooting Hormone?
No
Tray Size
102 strip, spaceable
Plants Per Cell
1
Days In Mist
14-18
Wks. From Stick To Transplant
4-5
Propagation Pinch?
Yes
Weeks To Pinch
3 *must be pinched early prior to reaching 5 nodes

FERTILITY
Fertilize Through Mist?
None
Fertilizer Rate
50-100ppm N
EC Range
Moderate: (2.0-3.5 mS via SME)
pH Range
5.6-6.2

TEMPERATURE
Average Soil Temp
70-75°F (21-24°C)
Average Air Temp (Day)
70-75°F (21-24°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, Pythium, Powdery Mildew

POTENTIAL PESTS
White Fly, Spider Mite, Thrips

PGR SUGGESTIONS
• 250-350ppm Cycocel (11.8% Chlormequat)

CULTIVAR LIST
Lucky Strike, First Kiss, Red, Tweetie Pie 2019,
Miss Montreal, Miss Malibu

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.
• I’Conia Begonias must be pinched early prior to

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FINISHING

BEGONIA I’CONIA

*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>3-4</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?: Night interruption

Yes

PINCHING

Finishing Pinch?: Optional

If not pinched in prop, pinch upon transplant to three nodes

POTENTIAL DISEASES

Botrytis, Pythium, Powdery Mildew

POTENTIAL PESTS

White Fly, Spider Mite, Thrips

PGR SUGGESTIONS

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

TIPS

- I’cionia 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.
- Plants finished under short days result in small plants and poor branching.
- Allow media to dry between watering.
- If not pinched in the liner, pinch after transplant leaving 3 nodes.

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FEATURES AND BENEFITS

BEGONIA I’CONIA

_Begonia x hybrida_

**KEY INFORMATION**

<table>
<thead>
<tr>
<th>Primary Common Name</th>
<th>Begonia</th>
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</thead>
<tbody>
<tr>
<td>Consumer Watering Instructions</td>
<td><strong>Keep soil evenly moist, but not saturated.</strong></td>
</tr>
<tr>
<td>Bloom Time</td>
<td><strong>Blooms Spring to Autumn</strong></td>
</tr>
<tr>
<td>Exposure</td>
<td><strong>Dappled Shade to Full Shade</strong></td>
</tr>
<tr>
<td>Height</td>
<td><strong>12-16 inches (30-41 cm)</strong></td>
</tr>
<tr>
<td>Garden Spacing</td>
<td><strong>12-16 inches (30-41 cm)</strong></td>
</tr>
</tbody>
</table>

**DESCRIPTION**

A collection of unique semi-double begonias with rich green and bronze foliage. Flowers are resilient; shedding little and holding well during transport and display. I’conia Miss Malibu’ won the FleuroStar Award in 2016. Judged by over 30 industry experts, Miss Malibu was deemed innovative, practical, of high quality, exclusive/unique, and “wow”. ‘I’conia Lucky Strike 2017’ was a 2016 Les Exceptionnelles winner at the Daniel A. Séguin Trial Garden in Québec in partnership with FIHOQ.

**CONSUMER APPEAL**

- Wonderful colors that pop against deep begonia foliage.
- Resistant to rabbits and the allelopathic biochemicals produced by black walnut trees.
- Tough plants tolerant of heat and stress.

**GARDEN ATTRIBUTES**

- Ideal for patio containers, but can perform well in some landscapes as well.
- Prefers moist, well drained soils.
- Wonderfully colorful blooms produced continuously all summer long that are perfect for high traffic areas.

**NATIVITY**

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

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