# Penta Piñata

*Pentas lanceolata*

## Propagation

### Tray & Rooting

<table>
<thead>
<tr>
<th>Trait</th>
<th>Details</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, 84, 105</td>
</tr>
<tr>
<td>Plants Per Cell</td>
<td>1</td>
</tr>
<tr>
<td>Days In Mist</td>
<td>10-16</td>
</tr>
<tr>
<td>Weeks To Pinch</td>
<td>4-5</td>
</tr>
<tr>
<td>Wks. From Stick To Transplant</td>
<td>Optional</td>
</tr>
</tbody>
</table>

### Fertility

- **Fertilize Through Mist?** None
- **Fertilizer Rate** 100-150 ppm N
- **EC Range** High: (3.5-5 mS via SME)
- **pH Range** 6.4-6.8

### Temperature

- **Average Soil Temp** 68-72°F (20-22°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 3: Keep media moderately moist with mild dry cycles

### Light

- **Daylength Neutral?** Yes
- **Supplemental** Optional
- **Benefits From Shade?** No

### Potential Diseases

- Pythium

### Potential Pests

- Fungus Gnats

### PGR Suggestions

- None - Piñata is naturally compact and does not require PGRs.

## Cultivar List

Pink, Lavender, White, Red 2018

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**TIPS**

- If pinched, soft pinch only to remove flower buds.
- Do not allow temperatures to drop below 50°F (10°C), this will delay development, increase crop time, and decrease crop quality.
- Use supplemental light if growing under low-light conditions.

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### FINISHING
### PENTÁ PIÑATA

_Pentas lanceolata_

<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>Quart (12 cm)</td>
<td>1</td>
<td>8-12</td>
</tr>
<tr>
<td>8 in. (19 cm) and up</td>
<td>3</td>
<td>12-15</td>
</tr>
</tbody>
</table>

### FERTILITY

- **Fertilizer Rate**: 150-200 ppm N
- **EC Range**: High: (3.5-5 mS via SME)
- **pH Range**: 6.2-6.8

### 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?**: Yes
- **Optimum Light Level**: 4,000-9,000 fc (43,100-96,900 lux)
- **Supplemental**: None
- **Benefits From Shade?**: No

### PINCHING

- **Finishing Pinch?**: Yes
- **Transplant to Pinch (days)**: 7-14

### POTENTIAL DISEASES

- Pythium

### POTENTIAL PESTS

- Fungus Gnats

### TIPS

- A low-phosphorus fertilizer (e.g. 15-5-15 or 13-2-13) is suggested. If a fertilizer without magnesium is used, feed with 1-2 pounds (0.5-1Kg) magnesium sulfate per 100 gallons (379L) to avoid interveinal chlorosis.
- Initial symptoms of iron toxicity include bronze speckling on mature leaves, followed by marginal necrosis.
- A preventative spray with Heritage® is suggested to avoid leaf spot.

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FEATURES AND BENEFITS

PENTA PIÑATA

*Pentas lanceolata*

KEY INFORMATION

<table>
<thead>
<tr>
<th>Primary Common Name</th>
<th>Egyptian Starcluster</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consumer Watering</td>
<td>Water thoroughly when top 1 inch (3cm) of soil is dry.</td>
</tr>
<tr>
<td>Bloom Time</td>
<td>Blooms Summer</td>
</tr>
<tr>
<td>Exposure</td>
<td>Full Sun</td>
</tr>
<tr>
<td>Height</td>
<td>12-18 inches (30-46 cm)</td>
</tr>
<tr>
<td>Garden Spacing</td>
<td>8-12 inches (20-30 cm)</td>
</tr>
</tbody>
</table>

DESCRIPTION

Naturally compact with dark foliage and large clear flower clusters (corymbs) that bloom earlier than seed cultivars.

CONSUMER APPEAL

- A new option for great color and low maintenance, a true summer must-have!
- Not only do Piñata flowers attract butterflies and hummingbirds, but deer and rabbits find their dark scented foliage unappetizing.
- Can work as a cut flower.

GARDEN ATTRIBUTES

- Good in showy containers or landscape applications.
- Prefers well-drained soils. Very heat and drought tolerant once established.
- No need to deadhead, continually flowering, drought tolerant once established.

NATIVITY

Middle East and Africa.

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