# Propagation

## Argyranthemum Comet™

*Argyranthemum frutescens*

### Tray & Rooting

<table>
<thead>
<tr>
<th>Form</th>
<th>Vegetative Cutting (URC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rooting Hormone?</td>
<td>Yes</td>
</tr>
<tr>
<td>Tray Size</td>
<td>50, 72, 84, 105</td>
</tr>
<tr>
<td>Plants Per Cell</td>
<td>1</td>
</tr>
<tr>
<td>Days In Mist</td>
<td>7-10</td>
</tr>
<tr>
<td>Wks. From Stick To Transplant</td>
<td>3-4</td>
</tr>
<tr>
<td>Propagation Pinch?</td>
<td>No</td>
</tr>
<tr>
<td>Weeks To Pinch</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Fertility

<table>
<thead>
<tr>
<th>Fertilize Through Mist?</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fertilizer Rate</td>
<td>50-100 ppm N</td>
</tr>
<tr>
<td>EC Range</td>
<td>Moderate: (2.0-3.5 mS via SME)</td>
</tr>
<tr>
<td>pH Range</td>
<td>5.6-6.2</td>
</tr>
</tbody>
</table>

### Temperature

| Average Soil Temp     | 68-72°F (20-22°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

<table>
<thead>
<tr>
<th>Daylength Neutral?</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplemental</td>
<td>None</td>
</tr>
<tr>
<td>Benefits From Shade?</td>
<td>No</td>
</tr>
</tbody>
</table>

### Potential Diseases

Pythium, Rhizoctonia, Powdery Mildew

### Potential Pests

Fungus Gnats, Mites, Shore Flies

### PGR Suggestions

- B-Nine (85% Daminozide) at 750-2500 ppm.
- Cycoceol (11.8% Chlormequat) at 750-1500 ppm.
- Florel (3.9% Ethephon) 250-500 ppm.

### Cultivar List

Pink, Pink Picotee, Pink Shades, Red, White Improved, Yellow

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**TIPS**

- Avoid excessive mist to control stretch.
- Pinching should not be necessary in the propagation phase of production.

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FINISHING

ARGYRANTHEMUM COMET™

_Argeranthemum frutescens_

<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>1</td>
<td>10-13</td>
</tr>
<tr>
<td>8 in. (19 cm)</td>
<td>1</td>
<td>12-16</td>
</tr>
</tbody>
</table>

**FERTILITY**

Fertilizer Rate  
150-200 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?  
Yes

Optimum Light Level  
6,000-9,000 fc (64,600-96,900 lux)

Supplemental  
Optional

Benefits From Shade?  
No

**PINCHING**

Finishing Pinch?  
Yes

Transplant to Pinch (days)  
4-10

**POTENTIAL DISEASES**

Pythium, Rhizoctonia, Powdery Mildew

**POTENTIAL PESTS**

Fungus Gnats, Mites, Shore Flies

**PGR SUGGESTIONS**

- B-Nine (85% Daminozide) 1500-3000ppm starting 2 weeks after transplant
- Cycocel (11.8% Chlormequat) 750-1000ppm or Sumagic (0.055% Uniconazole) Spray 10-20ppm
- A Bonzi (0.4% Paclobutrazol) drench (2-5ppm) once plant reaches finish size greatly improves holdability in shipping and retail.

**TIPS**

- Flowers best under long days of Spring. Crop time is longer under short daylength. For faster finishing under short days, maintain night temps at 60°F (16°C).
- Temperatures in excess of 79°F (26°C) will cause stretch and greatly affect overall quality.
- Argyranthemum are susceptible to root diseases if overwatered. Allow media to dry between waterings but do not allow plants to wilt.
- Pinch 4-10 days after transplant for increased branching when finishing in pots larger than 4” or if finishing in low light conditions. Pinching will delay time to first flower by 10-12 days.

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ANNUAL

FEATURES AND BENEFITS

ARGYRANTHEMUM COMET™

Argyranthemum frutescens

KEY INFORMATION

Primary Common Name  Dill Daisy
Consumer Watering Instructions  Water thoroughly when top 1 inch (3cm) of soil is dry.
Bloom Time  Blooms Spring to Summer
Exposure  Full Sun
Height  12-18 inches (30-46 cm)
Garden Spacing  12-24 inches (30-61 cm)

DESCRIPTION

Bred for heat tolerance, a long bloom season, and dynamite landscape performance. The Comet™ series is ideal for early spring applications.

CONSUMER APPEAL

• Bold splashes of early spring color are a welcome sight after winter.
• With its fragrant foliage, these plants are resistant to many herbivorous insects, rabbits, and deer. Its fragrant flowers attract multiple pollinators, including bees.
• These recent introductions feature large daisy flowers and an open airy look with dark eyes. Can be used as a cut flower.

GARDEN ATTRIBUTES

• These Argyranthemums are tolerant of most soil types making it versatile in almost any garden setting. Suitable for containers as well.
• Best in sandy well-drained soils though will perform well in other soil types too.
• These annuals are relatively low maintenance and require minimal deadheading throughout the growing season.
• Can be deadheaded to promote re-blooming.

NATIVITY

Canary Islands.

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