ANNUAL
PROPAGATION
CHAMAESYCE STAR STRUCK
_Euphorbia graminea_

**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>72, 84, 105</td>
</tr>
<tr>
<td>Plants Per Cell</td>
<td>1-2</td>
</tr>
<tr>
<td>Days In Mist</td>
<td>5-10</td>
</tr>
<tr>
<td>Wks. From Stick To</td>
<td>4</td>
</tr>
<tr>
<td>Transplant</td>
<td></td>
</tr>
<tr>
<td>Propagation Pinch?</td>
<td>No</td>
</tr>
<tr>
<td>Weeks To Pinch</td>
<td>3</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>50-100ppm N</td>
</tr>
<tr>
<td>EC Range</td>
<td>Low:</td>
</tr>
<tr>
<td></td>
<td>(0.8-2.0 mS via SME)</td>
</tr>
<tr>
<td>pH Range</td>
<td>5.6-6.2</td>
</tr>
</tbody>
</table>

**TEMPERATURE**

<table>
<thead>
<tr>
<th>Average Soil Temp</th>
<th>70-75°F (21-24°C)</th>
</tr>
</thead>
<tbody>
<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>Irrigation Frequency</th>
<th>Level 3: Keep media moderately moist with mild dry cycles</th>
</tr>
</thead>
</table>

**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**

Botrytis, Pythium, Stem Canker

**POTENTIAL PESTS**

White Fly, Spider Mite

**CULTIVAR LIST**

Star Struck Double White

‘Star Struck Double White’

**TIPS**

- Euphorbia cuttings are ethylene sensitive, give first priority at time of stick.
- Open plastic bags and place in a 50-55°F (10-13°C) cooler with a relative humidity close to 100%. Wetting the floor is an effective way to achieve this goal. Cuttings should remain in the cooler for a minimum of 4 hours.
- A powder rooting hormone is best as powder is less likely to spread disease. However, a liquid rooting hormone can be used if it is applied by spraying the ends of the cuttings. Apply Capsul at a rate of 4oz/100gal (118ml/379l) of water to the cuttings.
- Set mist frequency and duration to maintain a film of water on cutting leaves. Mist should be applied at night until the cuttings have regained turgidity. Avoid overmistuming the cuttings.

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# ANNUAL

## FINISHING

### CHAMAESYCE STAR STRUCK

*Euphorbia graminea*

<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>6-7</td>
</tr>
<tr>
<td>Quart (12 cm)</td>
<td>1</td>
<td>6-7</td>
</tr>
<tr>
<td>6 in. (15 cm)</td>
<td>3</td>
<td>8-10</td>
</tr>
</tbody>
</table>

### FERTILITY

- **Fertilizer Rate**: 150-200 ppm N
- **EC Range**: High: (3.5-5 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**: 5,000-9,000 fc (53,800-96,900 lux)
- **Supplemental Benefits From Shade?**: None
- **PINCHING**
  - **Finishing Pinch?**: Yes
  - **Transplant to Pinch (days)**: At transplant

### POTENTIAL DISEASES

- Botrytis, Pythium, Stem Canker

### POTENTIAL PESTS

- White Fly, Spider Mite

### TIPS

- Transplant rooted liners immediately, do not hold in the liner as quality deteriorates rapidly once roots wrap in the liner.
- Grow in high light at temperatures above 60°F (16°C). If soil temperature drops below 60°F (16°C), plant growth stalls and leaves will abscise.
- Avoid extremes in soil moisture, too wet or too dry media causes leaf drop and yellowing.
- 3-4 weeks after transplant, plants can be soft pinched to shape and control growth. Do not use Florel (3.9% Etephon) as a chemical pinch. Depending on the season, the last pinch should occur 4-6 weeks before anticipated sell-date.
- Euphorbia can be cold sensitive particularly if not acclimated. The lower leaves will yellow especially with high soil moisture and cool temps.

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ANNUAL
FEATURES AND BENEFITS
CHAMAESYCE STAR STRUCK
Euphorbia graminea

KEY INFORMATION

Primary Common Name  Spurge
Consumer Watering Instructions  Keep soil evenly moist, but not saturated.
Bloom Time  Blooms Spring to Autumn
Exposure  Full Sun to Part Shade
Height  12-16 inches (30-41 cm)
Garden Spacing  12 inches (30 cm)

DESCRIPTION

Clouds of tiny white flowers adds texture to beds and containers.

CONSUMER APPEAL

• Tolerates drought, heat, and cold once established.
• Attracts bees and other beneficial insects. Resistant to rabbits and deer. Tolerant of urban pollution and poor air quality.
• Looks great in combination with strong colors like red and purple.

GARDEN ATTRIBUTES

• Ideally utilized as a filler plant or landscape groundcover.
• Tolerant of most soil types including heavy clay and well drained sandy soils.

NATIVITY

Central and South America.

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