# PERENNIAL

## PROPAGATION

### Delosperma Solstice

* Delosperma cooperi

### TRAY & ROOTING

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Unrooted Cuttings (URC)</td>
</tr>
<tr>
<td>Rooting Hormone</td>
<td>Yes</td>
</tr>
<tr>
<td>Tray Size(s)</td>
<td>72, 105</td>
</tr>
<tr>
<td>Plants Per Cell</td>
<td>1</td>
</tr>
<tr>
<td>Wks. From Stick To Transplant</td>
<td>4-5</td>
</tr>
<tr>
<td>Pinch?</td>
<td>Yes</td>
</tr>
<tr>
<td>Days from stick to pinch</td>
<td>14-21</td>
</tr>
</tbody>
</table>

### FERTILITY

- **Fertilize Through Mist?** No
- **Fertilizer Rate**
  - 50-75 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])
- **EC Range**
  - Moderate: (2.0-3.5 mS via SME)
- **pH Range**
  - 5.8-6.2

### TEMPERATURE

- **Average Soil Temperature** 65-72°F (18-22°C)
- **Average Air Temperature** 65-72°F (18-22°C)

### IRRIGATION

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

### LIGHT

- **Supplemental** Optional
- **Benefits From Shade?** No

### POTENTIAL DISEASES

- root rot, bacterial leaf spot, powdery mildew

### POTENTIAL PESTS

- whitefly, aphids, mites

### PGR SUGGESTIONS

- Optional 300-500 ppm Florel (3.9% Ethephon)
- Optional 1500-2500 ppm B-Nine (85% Daminozide)

### CULTIVAR LIST

- Pink, Red, Rose, Yellow

---

‘Pink’

**TIPS**

- Keep prop misting as low as possible after roots appear.

---

**WE'RE HERE TO HELP YOU GROW**

Tech.NA@DummenOrange.com
614-850-8551
DummenOrange.com
**Perennial**

**Finishing**

*Delosperma Solstice*

Delosperma cooperi

<table>
<thead>
<tr>
<th>Vernalization</th>
<th>Vernalization Required?</th>
<th>Yes/No</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vernalization Duration Minimum</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vernalization Temperature</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<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./qt (10-12 cm)</td>
<td>2</td>
<td>4-6</td>
</tr>
<tr>
<td>6 in./Gal. (15-16 cm)</td>
<td>1-3</td>
<td>6-8</td>
</tr>
</tbody>
</table>

**Fertility**

- Fertilizer Rate: 150-200 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])
- EC Range: Moderate: (2.0-3.5 mS via SME)
- pH Range: 5.8-6.2

**Temperature**

- Day Temperature: 65-75°F (18-24°C)
- Night Temperature: 55-65°F (13-18°C)

**Irrigation**

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

**Light**

- Photoperiodic requirements: Long day: 12+ hours daily
- Supplemental?: None
- Benefits From Shade?: No

**Pinching**

- Finishing Pinch?: Optional
- Transplant to pinch (days): 14-21

**Potential Diseases**

- root rot, bacterial leaf spot, powdery mildew

**Potential Pests**

- whitefly, aphids, mites

**PGR Suggestions**

- B-Nine (85% Diaminozide) 1500-2500ppm
- Sumagic (0.055% Uniconazole) 3-4ppm

---

**Tips**

- Keep moisture level on the low side during finishing, it will promote a heavier flower set.
- Dry moderately between waterings to limit stretch and tone plant.

---

**We're Here to Help You Grow**

Tech.NA@DummenOrange.com
614-850-9551
DummenOrange.com
# Perennial

## Features and Benefits

**Delosperma Solstice**

Delosperma cooperi

### Key Information

<table>
<thead>
<tr>
<th>First Year Flowering?</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bloom Time</td>
<td>Summer *DELETE THIS FIELD UPON PUBLISHING*</td>
</tr>
<tr>
<td>Exposure</td>
<td>Full Sun</td>
</tr>
<tr>
<td>Hardiness Zone</td>
<td>6-11</td>
</tr>
<tr>
<td>Height</td>
<td>4-6 inches (10-15 cm)</td>
</tr>
<tr>
<td>Width</td>
<td>18-24 inches (46-60 cm)</td>
</tr>
</tbody>
</table>

### Description

These ice plants are definitely cool! So named for its glistening succulent leaves which resemble ice shards, *Delosperma* is a perennial succulent that continues to gain popularity as a novel water wise plant that’s remarkably hardy even in northern climates.

### Consumer Appeal

- *Delosperma* is a fast-spreading groundcover that blooms for most of the growing season all the while attracting bees, butterflies, and other beneficial insects.
- *Delosperma* are one of the most drought tolerant perennials available to gardeners. They require extremely well-drained soils as they will struggle (and most likely perish) if placed in poorly drained or un-amended clay.

### Garden Attributes

- Ice Plants are the ideal rock garden/desert garden plant though they can also be planted on sloped borders or around dry mailbox sites.
- *Delosperma* are ideal plants for containers, fill a shallow pot with *Delosperma* and keep it on a patio; then bring it inside during the winter months as a houseplant!

### Nativity

Southern Africa

---

**Companion Plants**

*Upright Sedum, Artemisia, Oenothera, Knautia*

**Common Name(s)**

Ice plant, trailing ice plant, Cooper’s ice plant

---

**We’re Here to Help You Grow**

Tech.NA@DummenOrange.com  
614-850-8551  
DummenOrange.com