

PERENNIAL

PROPAGATION

Delosperma Solstice

Delosperma cooperi



TRAY & ROOTING

| | |
|-------------------------------|-------------------------|
| Form | Unrooted Cuttings (URC) |
| Rooting Hormone | Yes |
| Tray Size(s) | 72, 105 |
| Plants Per Cell | 1 |
| Wks. From Stick To Transplant | 4-5 |
| Pinch? | Yes |
| Days from stick to pinch | 14-21 |

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

Orange, Purple, Purple Bicolor, Red, Scarlet Red, Yellow



'Purple'

TIPS

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

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PERENNIAL

FINISHING

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VERNALIZATION

| | |
|--------------------------------|------------|
| Vernalization Required? | No |
| Vernalization Duration Minimum | N/A |
| Vernalization Temperature | N/A |

| CONTAINER SIZE | PLANTS PER POT | TRANSPLANT TO FINISH (WEEKS) |
|------------------------------|----------------|------------------------------|
| 4 in./qt (10-12 cm) | 2 | 4-6 |
| 6 in./Gal. (15-16 cm) | 1-3 | 6-8 |

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% Daminozide) 1500-2500ppm
- Sumagic (0.055% Uniconazole) 3-4ppm



'Yellow'

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.

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FEATURES AND BENEFITS

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KEY INFORMATION

| | |
|-----------------------|--------------------------|
| First Year Flowering? | Yes |
| Bloom Time | Summer |
| Exposure | Full Sun |
| Hardiness Zone | 6-11 |
| Height | 6 inches (16 cm) |
| Width | 24 inches (60 cm) |

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



'Red'

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