

PERENNIAL

PROPAGATION

Delosperma Cooper's Ice Plant

Delosperma cooperi



TRAY & ROOTING

Form	Unrooted Cuttings (URC)
Rooting Hormone	Yes
Tray Size	72, 105
Plants Per Cell	1
Days In Mist	5-7
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	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
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LIGHT

Supplemental	Optional
Benefits From Shade?	No

POTENTIAL DISEASES

Bacterial Leaf Spot, Powdery Mildew, Root Rot

POTENTIAL PESTS

Aphids, Mites, White Fly

PGR SUGGESTIONS

- Optional 1500-2500 ppm B-Nine (85% Daminozide)



TIPS

- Keep prop misting as low as possible after roots appear.
- Avoid over watering/misting.

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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)
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4 in./Qt. (10-12 cm)	1	4-6
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6 in./Gal. (15-16 cm)	1	6-8
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8-10 in./2-3 Gal. (20-25 cm)	3	10-12
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FERTILITY

Fertilizer Rate **150-200 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])**

EC Range **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 Facultative: 12+ Hours Daily**

Supplemental? **None**

Benefits From Shade? **No**

PINCHING

Finishing Pinch? **Optional**

Transplant to pinch (days) **14-21**

POTENTIAL DISEASES

Bacterial Leaf Spot, Powdery Mildew, Root Rot

POTENTIAL PESTS

Aphids, Mites, White Fly

PGR SUGGESTIONS

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



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.
- Avoid over watering.

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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	6-9
Height	3-4 inches (8-10 cm)
Width	18-24 inches (46-60 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

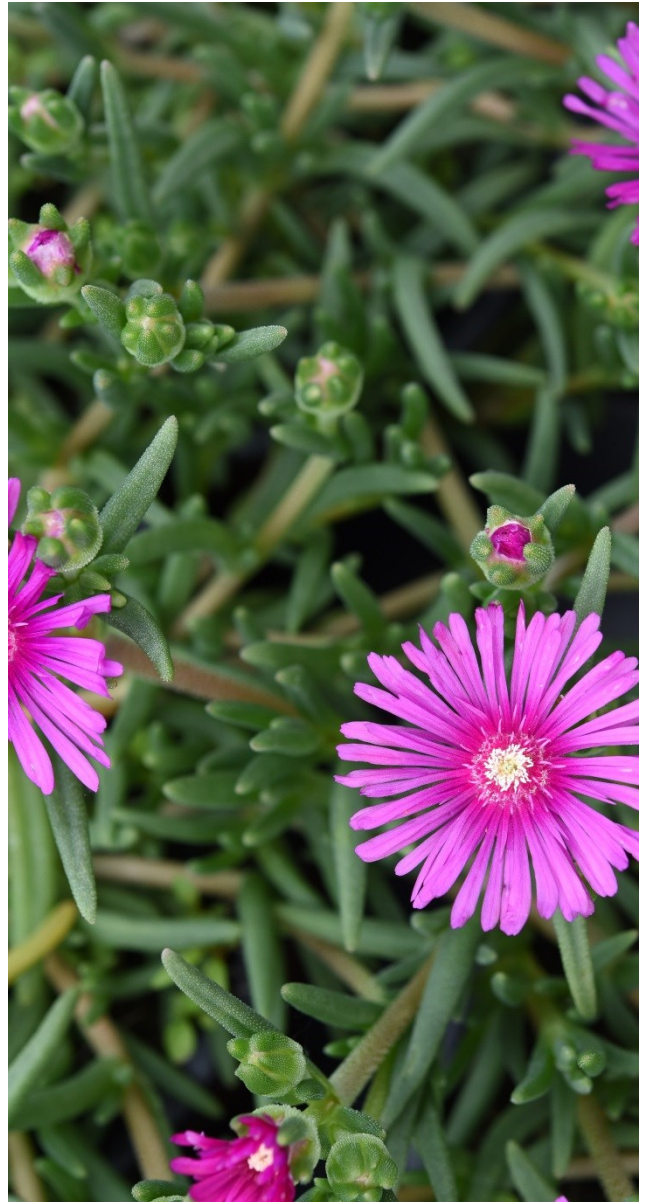
Southern Africa

COMPANION PLANTS

Upright Sedum, Artemisia, Oenothera, Knautia

COMMON NAME(S)

ice plant, trailing ice plant, Cooper's ice plant



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