

ANNUAL PROPAGATION **OSTEOSPERMUM MARGARITA**

Osteospermum fruticosum



TRAY & ROOTING

Form	Vegetative Cutting (URC)
Rooting Hormone?	Yes
Tray Size	72, 84, 105
Plants Per Cell	1
Days In Mist	9-12
Wks. From Stick To Transplant	3-4
Propagation Pinch?	Optional
Weeks To Pinch	3-4

FERTILITY

Fertilize Through Mist?	50-75ppm N
Fertilizer Rate	100-150ppm N
EC Range	Low (0.8-2.0 mS via SME)
pH Range	5.6-6.2

TEMPERATURE

Average Soil Temp	68-72°F (20-22°C)
Average Air Temp (Day)	68-72°F (20-22°C)
Average Air Temp (Night)	60-65°F (16-18°C)

IRRIGATION

Irrigation Frequency	Level 2: Allow media to dry moderately between irrigations
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LIGHT

Daylength Neutral?	Yes
Supplemental	Optional
Benefits From Shade?	No

POTENTIAL DISEASES

Botrytis, Pythium, Powdery Mildew, Thaleaveopsis

POTENTIAL PESTS

Fungus Gnats, Thrips, Whiteflies, Aphids

PGR SUGGESTIONS

- 2500ppm B-Nine (85% Daminozide)



'Orange Flare'

TIPS

- A well-aerated, well-drained rooting medium is essential.
- A rooting hormone application is suggested to increase speed and uniformity of rooting. A spray application of the rooting hormone Hortus IBA Water Soluble Salts (K-IBA) at 200 ppm the morning after sticking has shown good results and is easy to apply.
- After watering-in the cuttings, apply only enough mist to the leaves to prevent wilting of the cuttings. The mist should only wet the leaves and not the soil media. The mist should be warm as to not reduce the propagation temperature. Consistent bottom heat is crucial.
- It is extremely important to maintain pronounced moist and dry cycles. Liners will require less water at cooler greenhouse temperatures.

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FINISHING

OSTEOSPERMUM MARGARITA

Osteospermum fruticosum



CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
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4 in. (10 cm)	1	10-13
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Gallon (16 cm)	1	11-14
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8 in. (19 cm) and up	3-4	12-15
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FERTILITY

Fertilizer Rate	150-200 ppm N
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EC Range	Moderate: (2.0-3.5 mS via SME)
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pH Range	5.6-6.2
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TEMPERATURE

Day Temperature	59-73°F (15-23°C)
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Night Temperature	44-55°F (7-13°C)
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IRRIGATION

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

Daylength Neutral?	Yes
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Optimum Light Level	5,000-8,000 fc (53,800-86,100 lux)
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Supplemental	None
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Benefits From Shade?	No
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PINCHING

Finishing Pinch?	Yes
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Transplant to Pinch (days)	7-14
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POTENTIAL DISEASES

Botrytis, Pythium, Powdery Mildew, Thaleaveopsis

POTENTIAL PESTS

Thrips, Whiteflies, Aphids

PGR SUGGESTIONS

- Drench application of 0.5-1.0ppm Topflor (flurprimidol)
- 2500-4000ppm B-Nine (85% Daminozide) alone or as a tank mix with 750-1000ppm Cycocel (11.8% Chlormequat) as a tank mix



'White'

TIPS

- Begin PGR applications after pinch when new growth is soft. More frequent applications may be necessary if growing in a small container. If using B-Nine (85% Daminozide), be sure to apply before buds are visible so as not to delay flowering or reduce flower size.
- Allow media to dry between waterings, but do not allow plants to wilt. Avoid saturated media.
- Leach regularly to avoid buildup of soluble salts. Osteos benefit from a high feed regimen. When plants are grown with low feed, they will not branch properly and the stems will become woody and hard.
- A hard pinch is required when plants are established after transplant. Once established, pinch leaving 3 nodes to maximize branching and create a full plant with numerous buds.

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FEATURES AND BENEFITS

OSTEOSPERMUM MARGARITA

Osteospermum fruticosum



KEY INFORMATION

Primary Common Name	African 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	12-16 inches (30-41 cm)
Garden Spacing	12-16 inches (30-41 cm)

DESCRIPTION

Uniform habit and good branching makes this bench run, low energy input crop, a favorite of growers.



'Lilac'

CONSUMER APPEAL

- Bright daisy-like flowers in yellows, purples and pinks set atop tough plants that offer early spring color.
- These osteos have low water requirements once established in containers and beds.
- Well trimmed in the garden in late spring, the flowers will flush again for a colorful fall display.

GARDEN ATTRIBUTES

- Can tolerate full sun and drier garden beds. Works well in coastal regions.
- Daisy like flowers help attract pollinators.
- Aside from containers and hanging baskets, these African daisies work well in landscape borders and rock gardens.

NATIVITY

Africa



'Pink Flare'

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