

ANNUAL
PROPAGATION

OSTEOSPERMUM MARGARITA PLUS

Osteospermum ecklonis



TRAY & ROOTING

Form	Vegetative Cutting (URC)
Rooting Hormone?	Yes
Tray Size	72, 84, 105
Plants Per Cell	1
Days In Mist	10-12
Wks. From Stick To Transplant	3-4
Propagation Pinch?	Optional
Weeks To Pinch	N/A

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 thorough waterings
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LIGHT

Daylength Neutral?	Yes
Supplemental	Optional
Benefits From Shade?	No

POTENTIAL DISEASES

Botrytis, Pythium, Thaleaveopsis

POTENTIAL PESTS

Thrips, Whiteflies, Aphids

PGR SUGGESTIONS

- B-nine 2500 ppm

CULTIVAR LIST

Plus Lilac, Plus Pink, Plus Purple, Plus White, Plus Zebra Pink



'Plus Lilac'

TIPS

- The thick, stiff leaves of Osteos require smaller quantities of mist but at higher frequencies in the first 4 days. Consider applying Capsil to disperse water droplets on the foliage. Apply only enough mist to prevent wilting of the cuttings.
- Reduce mist as soon as roots are visible and cease mist completely as soon as possible. Begin feeding and increase light using supplemental light if desired.
- It is not recommended to pinch Osteospermum in the liner, it is best to wait until after transplant. However, if any flower buds appear in the liner, they should be removed.

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ANNUAL
FINISHING

OSTEOSPERMUM MARGARITA PLUS

Osteospermum ecklonis



CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
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Gallon (16 cm) **1** **11-14**

8 in. (19 cm) and up **3** **12-15**

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 **60-75°F (15-24°C)**

Night Temperature **45-55°F (7-13°C)**

IRRIGATION

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

LIGHT

Daylength Neutral? **Yes**

Optimum Light Level **5,000-9,000 fc (53,800-96,900 lux)**

Supplemental **None**

Benefits From Shade? **No**

PINCHING

Finishing Pinch? **Yes**

Transplant to Pinch (days) **7-14**

POTENTIAL DISEASES

Botrytis, Pythium, Thaleveopsis

POTENTIAL PESTS

Thrips, Whiteflies, Aphids

PGR SUGGESTIONS

- Drench application of 1.0-0.5ppm Topflor (0.38% Flurprimidol) or Sumagic (0.055% Uniconazole)
- B-Nine (85% Daminozide) 2500-4000ppm as a spray or can combine with Cycocel 750-1,000 ppm (11.8% Chlormequat) as a tank mix



'Plus Zebra Pink'

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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