## **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

Average Air Temp (Day)

Average Air Temp(Night)

68-72°F (20-22°C)

68-72°F (20-22°C)

60-65°F (16-18°C)

#### **IRRIGATION**

#### 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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## **FINISHING**

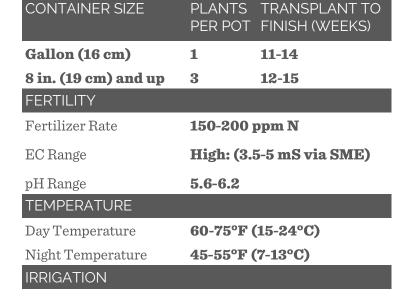
## OSTEOSPERMUM MARGARITA PLUS

Level 2: Allow media to dry

moderately between

thorough waterings

 $Osteospermum\ ecklonis$ 



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, Thaleaveopsis

#### POTENTIAL PESTS

Irrigation Frequency

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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