

ANNUAL

PROPAGATION

PORTULACA CUPCAKE

Portulaca oleracea



TRAY & ROOTING

Form	Vegetative Cutting (URC)
Rooting Hormone?	No
Tray Size	72, 84, 105
Plants Per Cell	1
Days In Mist	4-6
Wks. From Stick To Transplant	2-3
Propagation Pinch?	Yes
Weeks To Pinch	2

FERTILITY

Fertilize Through Mist?	None
Fertilizer Rate	100-150ppm N
EC Range	Moderate: (2.0-3.5 mS via SME)
pH Range	6.2-6.8

TEMPERATURE

Average Soil Temp	68-72°F (20-22°C)
Average Air Temp (Day)	75-80°F (24-27°C)
Average Air Temp(Night)	68-72°F (20-22°C)

IRRIGATION

Irrigation Frequency	Level 3: Keep media moderately moist with mild dry cycles
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LIGHT

Daylength Neutral?	Yes
Supplemental	None
Benefits From Shade?	No

POTENTIAL DISEASES

Botrytis, Pythium, Rhizoctonia

POTENTIAL PESTS

White Flies, Aphids, Thrips

PGR SUGGESTIONS

- B-Nine (85% Daminozide) at 2500 ppm spray
- 100ppm Configure (2% 6-BA Benzyladenine) can be applied to promote branching.

CULTIVAR LIST

Carrot, Cherry Baby, Coconut, Grape Jelly, Peachy, Strawberry Banana, Yellow Chrome, Upright Raspberry, Upright Lavender, Upright Orange Zest, Upright Lemon Zest



'Carrot'

TIPS

- Cuttings can be stored in a cooler with bags open for no longer than 24 hours at 50°F (10°C) at 100% relative humidity.
- Portulaca needs minimal misting due to the succulent nature of the plant tissue. Excess mist causes disease, uneven, and delayed rooting. Rooting hormones are not required.
- As roots form, discontinue misting and gradually increase light levels.

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FINISHING

PORTULACA CUPCAKE

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CONTAINER SIZE

CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
4 in. (10 cm)	1	5-7
Quart (12 cm)	2-3	5-7
8 in. (19 cm) and up	3-4	8-10

FERTILITY

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

TEMPERATURE

Day Temperature	65-73°F (18-23°C)
Night Temperature	68-75°F (20-24°C)

IRRIGATION

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

Daylength Neutral?	Yes
Optimum Light Level	5,000-10,000 fc (53,800-107,700 lux)
Supplemental	None
Benefits From Shade?	No

PINCHING

Finishing Pinch?	Optional
Transplant to Pinch (days)	As needed to shape

POTENTIAL DISEASES

Botrytis, Pythium, Rhizoctonia

POTENTIAL PESTS

White Flies, Aphids, Thrips

PGR SUGGESTIONS

- B-Nine (85% Daminozide) at 2500 ppm spray as needed
- If not applied during propagation, 100-150ppm Configure (2% 6-BA Benzyladenine) can be applied once established to promote branching.



'Upright Orange Zest'

TIPS

- Cupcake perform best in full sun. Avoid shading and low-light for improved flowering and plant quality.
- Though generally not needed, larger pots and hanging baskets can be soft-pinned 2-3 weeks after transplant. Spacing and shipping on time is critical.

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FEATURES AND BENEFITS

PORTULACA CUPCAKE

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KEY INFORMATION

Primary Common Name	Mexican Rose
Consumer Watering Instructions	Water thoroughly when top 1 inch (3cm) of soil is dry.
Bloom Time	Blooms Summer to Autumn
Exposure	Full Sun
Height	6-10 inches (15-25 cm)
Garden Spacing	14-20 inches (36-51 cm)

DESCRIPTION

Water-wise plants oftentimes sacrifice aesthetic appeal. This is certainly not the case with the Cupcake series of Portulaca. Bright open blooms cover this well-behaved annual from late spring through the summer.



'Upright Raspberry'

CONSUMER APPEAL

- Intense summer colors, good, branching, and early flowering.
- Attractive to bees and other pollinators.

GARDEN ATTRIBUTES

- Consider using Portulaca as a ground cover. Mass plantings create a colorful and low maintenance mat in the landscape.
- Heat loving, drought tolerant, low maintenance, attracts pollinators. What more do you need to know?
- Keep in mind that portulaca flowers require sunlight to open properly. They will generally be fully open by mid-late morning.



'Upright Lavender'

NATIVITY

Africa, Eurasia, and Oceania

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