

PERENNIAL

PROPAGATION

Euphorbia

Euphorbia characias



TRAY & ROOTING

Form	Unrooted Cuttings (URC)
Rooting Hormone	Yes
Tray Size(s)	72, 105
Plants Per Cell	1
Wks. From Stick To Transplant	6-8
Pinch?	Yes
Days from stick to pinch	21-28

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	Moderate: (2.0-3.5 mS via SME)
pH Range	5.8-6.2

TEMPERATURE

Average Soil Temperature	72-78°F (22-26°C)
Average Air Temperature	72-78°F (22-26°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

Botrytis, downy mildew, powdery mildew

POTENTIAL PESTS

aphids, whitefly, spider mites

PGR SUGGESTIONS

- None

CULTIVAR LIST

Glacier Blue, Silver Swan, Tasmanian Tiger



'Glacier Blue'

TIPS

- As with all vegetative cuttings, sticking upon arrival is ideal. If this isn't possible, store in a cooler at 45° F (7°C) for no more than 16 hours after delivery.
- Mist should be reduced as soon as cuttings become turgid.

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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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6 in./Gal. (15-16 cm)	1	8-10
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8-10 in. (19-22 cm)	2-3	10-12
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FERTILITY

Fertilizer Rate	50-100 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])
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EC Range	Moderate: (2.0-3.5 mS via SME)
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pH Range	5.8-6.1
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TEMPERATURE

Day Temperature	65-75°F (18-24°C)
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Night Temperature	55-65°F (13-18°C)
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IRRIGATION

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

Photoperiodic requirements	Long day: 12+ hours daily
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Supplemental?	None
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Benefits From Shade?	No
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PINCHING

Finishing Pinch?	No
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Transplant to pinch (days)	N/A
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POTENTIAL DISEASES

Botrytis, downy mildew, powdery mildew

POTENTIAL PESTS

aphids, whitefly, spider mites

PGR SUGGESTIONS

- 2500 ppm B-Nine (85% Daminozide) as needed'
- 3-5 ppm Sumagic (0.055% Uniconazole) as needed



'Silver Swan'

TIPS

- A pronounced wet-dry cycle is preferred.
- Euphorbia grows best with high light and high temperatures combined with relatively dry soil conditions.

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FEATURES AND BENEFITS

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KEY INFORMATION

First Year Flowering?	No
Bloom Time	Spring
Exposure	Full Sun
Hardiness Zone	6-9
Height	20-28 inches (51-71 cm)
Width	24-36 inches (60cm-90 cm)

DESCRIPTION

A fantastic desert plant, Euphorbia requires very little care. New breeding offers outstanding foliage texture and flower options.

CONSUMER APPEAL

- Due to its latex-heavy sap, Euphorbia are naturally resistant to most herbivores including rabbits, deer, and many insects.

GARDEN ATTRIBUTES

- The ultra-showy "flowers" of this plant are actually bracts which are modified leaves that serve the same function as flower petals but are much longer-lived and far more durable.
- Good in borders and rock gardens or sunny locations where other plants have a difficult time growing.
- Tolerant of air pollution and most soil types though it prefers well-drained soils.
- Euphorbia is an extremely tough plant perfect for beginner gardeners. It will re-seed freely but a generous layer of mulch will make management much easier.

NATIVITY

Found in Europe, Northern Africa, and southwestern Asia.

COMPANION PLANTS

Nepeta, *Penstemon*, *Sedum*, *Eupatorium* (*Ageratina*), *Salvia*, *Solidago*

COMMON NAME(S)

spurge, wood spurge



'Tasmanian Tiger'

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