

PERENNIAL

PROPAGATION

Ceratostigma hardy plumbago

Ceratostigma plumbaginoides



TRAY & ROOTING

Form	Unrooted Cuttings (URC)
Rooting Hormone	Yes
Tray Size(s)	72, 105
Plants Per Cell	1
Wks. From Stick To Transplant	5-6
Pinch?	Yes
Days from stick to pinch	14-21

FERTILITY

Fertilize Through Mist?	No
Fertilizer Rate	100-150 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	65-72°F (18-22°C)
Average Air Temperature	65-72°F (18-22°C)

IRRIGATION

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

Supplemental	Yes
Benefits From Shade?	No

POTENTIAL DISEASES

Botrytis, downy mildew

POTENTIAL PESTS

aphids, whitefly

PGR SUGGESTIONS

- Optional 3-5 ppm Sumagic (0.055% Uniconazole)



TIPS

- Cuttings are sensitive to overwatering and soggy soil. Ensure roots have access to adequate oxygen.

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FINISHING

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VERNALIZATION

Vernalization Required?	Yes
Vernalization Duration Minimum	6-8 weeks
Vernalization Temperature	35-40°F (1.6-4.4°C)

CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
4 in./qt (10-12 cm)	1	10-12
6 in./Gal. (15-16 cm)	2	10-12

FERTILITY

Fertilizer Rate	150-200 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	5.8-6.4

TEMPERATURE

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

IRRIGATION

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

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

PINCHING

Finishing Pinch?	Optional
Transplant to pinch (days)	14-21

POTENTIAL DISEASES

Botrytis, downy mildew

POTENTIAL PESTS

aphids, whitefly

PGR SUGGESTIONS

- Bonzi (0.4% Paclobutrazol) 5-40ppm spray
- 5-8 ppm Sumagic (0.055% Uniconazole)
- 2500 ppm B-Nine (85% Daminozide) as needed



TIPS

- Vernalization is most effective if completed in pots 4-6 weeks after plants have been transplanted into their finishing container.
- Drip irrigation and proper spacing helps to prevent stretching and promote a compact growth habit.

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FEATURES AND BENEFITS

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KEY INFORMATION

First Year Flowering? **No**
Bloom Time **Early Summer to Late Summer**

Exposure **Full Sun**
Hardiness Zone **5-13**
Height **6-12 inches (15-30 cm)**
Width **24 inches (60 cm)**

DESCRIPTION

True-blue blooms atop lush green foliage that turns a rich mahogany in the autumn. What's not to love?

CONSUMER APPEAL

- A durable tried-and-true groundcover perennial that's drought tolerant once established thriving under trees or in areas where turf is difficult to establish.
- As a dense spreading groundcover, plumbago is a good choice for erosion control.

GARDEN ATTRIBUTES

- A versatile perennial tolerant of both full sun and mostly shade conditions, this groundcover is appropriate for garden edges, rock gardens, border fronts, under shrubs, or interplanted with bulbs to increase its aesthetic impact in a location.
- Although not evergreen like vinca or ivy, the striking blue flowers more than offset this shortcoming.
- Tolerant of a wide range of soil and moisture conditions including heavy clay or well drained sand. However, consistently saturated soils should be avoided.

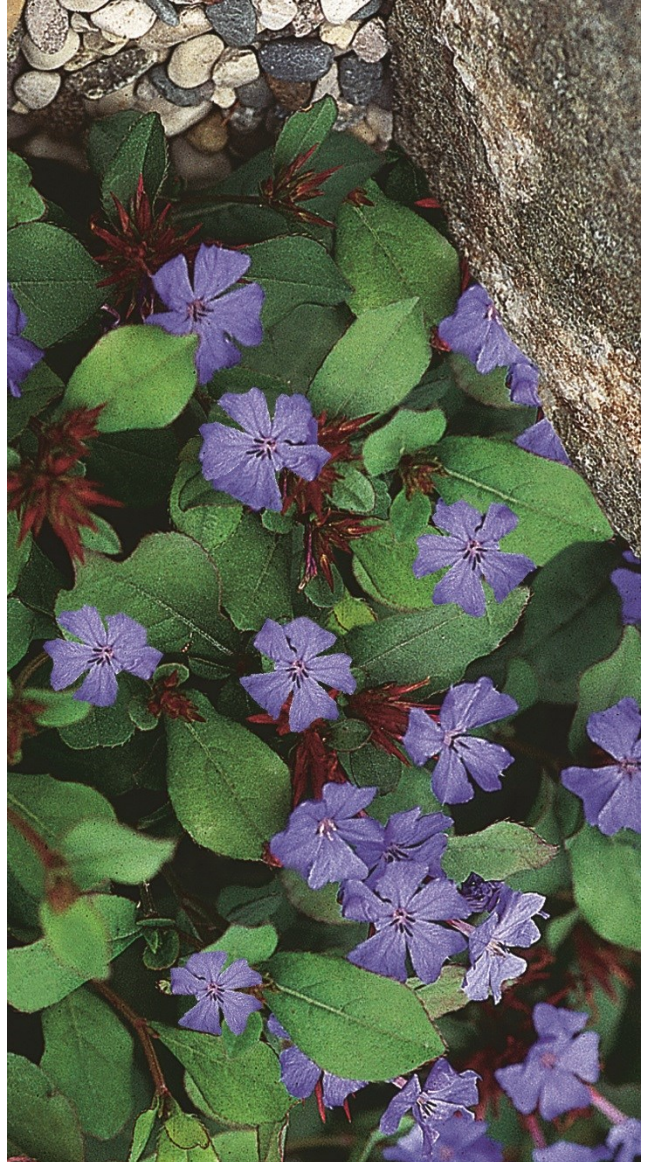
NATIVITY

China

COMPANION PLANTS

Heuchera, Helleborus, Buddleia, Paeonia, Polemonium

COMMON NAME(S)



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