

PERENNIAL

PROPAGATION

Stachys 'Silver Carpet'

Stachys byzantina



TRAY & ROOTING

Form	Unrooted Cuttings (URC)
Rooting Hormone	Yes
Tray Size	72, 105
Plants Per Cell	1
Days In Mist	5-7
Wks. From Stick To Transplant	4-6
Pinch?	No
Days from stick to pinch	N/A

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	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	No
Benefits From Shade?	No

POTENTIAL DISEASES

Botrytis, Powdery Mildew

POTENTIAL PESTS

Aphids, Fungus Gnats, White Fly

PGR SUGGESTIONS

- Optional: 300-500 ppm Florel (3.9% Ethephon)

TIPS

- A propagation Florel (3.9% Ethephon) application will promote proper branching.

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Tech.NA@DummenOrange.com

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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)
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4 in./Qt. (10-12 cm)	1	8-10
6 in./Gal. (15-16 cm)	1	12-14
8-10 in./2-3 Gal. (20-25 cm)	3	13-15

FERTILITY

Fertilizer Rate	150-200 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])
EC Range	2.0-3.5 mS via SME
pH Range	5.8-6.2

TEMPERATURE

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

IRRIGATION

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

Photoperiodic requirements	N/A: Grown for foliage
Supplemental?	None
Benefits From Shade?	No

PINCHING

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

POTENTIAL DISEASES

Botrytis, Powdery Mildew

POTENTIAL PESTS

Aphids, Fungus Gnats, White Fly

PGR SUGGESTIONS

- 2500 ppm B-Nine (85% Daminozide)
- 5-8 ppm Sumagic (0.055% Uniconazole)



TIPS

- Apply PGRs as flowers begin to emerge.

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FEATURES AND BENEFITS

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KEY INFORMATION

First Year Flowering? **N/A: Grown for foliage**

Bloom Time **N/A: Grown for foliage**

Exposure **Full Sun to Part Shade**

Hardiness Zone **4-9**

Height **6-12 inches (15-30 cm)**

Width **12-18 inches (30-46 cm)**

DESCRIPTION

This Stachys has sacrificed its fuzzy foliage commonly associated with lamb's ear. It has opted to put its energy and resources towards a truly spectacular display of purple blooms.

CONSUMER APPEAL

- A fantastically well-shaped perennial, this plant is low maintenance and beautiful, plus tidy.
- The spectacular bloomset of this Stachys is a dazzling beacon to pollinators declaring "look at me! I've got plenty of nectar and pollen!". Deer and rabbits generally avoid this plant.

GARDEN ATTRIBUTES

- Great as a cut flower.
- Good garden locations include sunny borders, pollinator gardens, cottage gardens, in mass planting, or even in containers. This plant can tolerate and oftentimes appreciates some afternoon shade.
- Performs well in average moisture and well drained soils that are somewhat rich in organic matter. Drought tolerant once established.

NATIVITY

Europe

COMPANION PLANTS

Scabiosa, Penstemon, Salvia, Perovskia, Achillea, Nepeta

COMMON NAME(S)

betony, alpine betony, wood betony



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