

PERENNIAL

PROPAGATION

Stachys 'Hummelo'

Stachys monieri



TRAY & ROOTING

Form	Unrooted Cuttings (URC)
Rooting Hormone	Yes
Tray Size(s)	72, 105
Plants Per Cell	1
Wks. From Stick To Transplant	4-8
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	Moderate: (2.0-3.5 mS via SME)
pH Range	5.8-6.2

TEMPERATURE

Average Soil Temperature	18-22°C
Average Air Temperature	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

whitefly, aphids, fungus gnats

PGR SUGGESTIONS

- None



TIPS

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

WE'RE HERE TO HELP YOU GROW

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FINISHING

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VERNALIZATION

Vernalization Required?	Yes
Vernalization Duration Minimum	6-8 weeks
Vernalization Temperature	1.6-4.4°C

CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
15-16 cm	1-2	10-12
19 cm	2-3	12-14
16 cm	3-4	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 **Moderate: (2.0-3.5 mS via SME)**

pH Range **5.8-6.2**

TEMPERATURE

Day Temperature **18-24°C**

Night Temperature **13-18°C**

IRRIGATION

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

LIGHT

Photoperiodic requirements **Long day: 12+ hours daily**

Supplemental? **None**

Benefits From Shade? **No**

PINCHING

Finishing Pinch? **No**

Transplant to pinch (days) **N/A**

POTENTIAL DISEASES

Botrytis, powdery mildew

POTENTIAL PESTS

whitefly, aphids, fungus gnats

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?	No
Bloom Time	Summer
Exposure	Full Sun to Part Shade
Hardiness Zone	6-12
Height	15-30 c
Width	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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