

PERENNIAL

PROPAGATION

Gallium

Gallium odoratum (*Asperula odoratum*)



TRAY & ROOTING

Form	Unrooted Cuttings (URC)
Rooting Hormone	No
Tray Size(s)	105
Plants Per Cell	1, 2
Wks. From Stick To Transplant	4-5
Pinch?	Yes
Days from stick to pinch	14-21

CULTIVAR LIST

Sweet Woodruff

FERTILITY

Fertilize Through Mist?	50-75 ppm N
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	5.8-6.1

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?	Yes

POTENTIAL DISEASES

downy mildew, powdery mildew

POTENTIAL PESTS

Aphids, whitefly, mealy bugs

PGR SUGGESTIONS

- None

TIPS

- Ensure plants receive adequate micronutrients during propagation to avoid chlorosis.

WE'RE HERE TO HELP YOU GROW

Tech.NA@DummenOrange.com
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PERENNIAL

FINISHING

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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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4 in./qt (10-12 cm)	1	6-7
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6 in./Gal. (15-16 cm)	2	8-9
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FERTILITY

Fertilizer Rate	100-150 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	5.8-6.2
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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 3: Keep media moderately moist with mild dry cycles
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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?	Yes
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PINCHING

Finishing Pinch?	Yes
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Transplant to pinch (days)	14-21
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POTENTIAL DISEASES

downy mildew, powdery mildew

POTENTIAL PESTS

Aphids, whitefly, mealy bugs

PGR SUGGESTIONS

- None

TIPS

- Avoid full sun to limit the risk of leaf burn. Micronutrients (especially iron) should be kept high to avoid chlorosis.

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FEATURES AND BENEFITS

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KEY INFORMATION

First Year Flowering?	Yes
Bloom Time	Mid Spring to Mid Summer
Exposure	Part Sun to Part Shade
Hardiness Zone	4-8
Height	4-8 inches (10-20 cm)
Width	12-24 inches (30-60 cm)

DESCRIPTION

Easy to grow and delightfully fragrant, Gallium brightens up dark shady areas of the garden with its glossy lush leaves and snowflake white flowers.

CONSUMER APPEAL

- The abundance of fragrant dainty flowers are attractive to bees and other beneficial insects. Gallium can be grown without issue under black walnut trees.
- Can be used in cut flower arrangements as an accent piece concentrating lots of fragrance in a small package. Sweet woodruff makes a great dried flower, the aromatic oils become more concentrated and potent as the foliage and flowers dry.

GARDEN ATTRIBUTES

- Good in herb gardens, shady rock gardens, naturalized areas, as a border perennial, as a ground cover, or along shady walkways where its fragrance can be fully appreciated.
- Prefers evenly moist soils rich in organic matter.

NATIVITY

From Europe, and Northern Africa through Siberia, and into East Asia including China and Japan.

COMPANION PLANTS

Heuchera, Helleborus, Buddleia, Paeonia, Polemonium

COMMON NAME(S)

sweet woodruff, master of the woods, sweetscented bedstraw

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