

PERENNIAL

PROPAGATION

Phlox subulata Open Cultivars

Phlox subulata



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	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	2.0-3.5 mS via SME
pH Range	5.6-6.2

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

Downy Mildew, Powdery Mildew

POTENTIAL PESTS

Aphids, White Fly

PGR SUGGESTIONS

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



'Drummond Pink'

TIPS

- High EC will burn cutting tips. Low fertilizer dosages more frequently is preferable over high dosages less frequently..
- A preventative fungicide should be applied to the roots to reduce disease pressure.

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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	15-18
6 in./Gal. (15-16 cm)	1	20-23
8-10 in./2-3 Gal. (20-25 cm)	3	11-13

FERTILITY

Fertilizer Rate	100-150 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	5.5-6.2

TEMPERATURE

Day Temperature	45-55°F (7-13°C)
Night Temperature	35-45°F (2-7°C)

IRRIGATION

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

Photoperiodic requirements	Short Day Obligate: Less Than 12 Hours Daily
Supplemental?	None
Benefits From Shade?	No

PINCHING

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

POTENTIAL DISEASES

Downy Mildew, Powdery Mildew

POTENTIAL PESTS

Aphids, White Fly

PGR SUGGESTIONS

- 2500-3750 ppm B-Nine (85% Daminozide)
- 5-15 ppm Sumagic (0.055% Uniconazole)



TIPS

- Keep plants as cool as possible to promote a compact growth habit. Apply PGRs if necessary to complement cool temperatures.
- Reoccurring preventive fungicide applications are recommended.

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FEATURES AND BENEFITS

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KEY INFORMATION

First Year Flowering?	No
Bloom Time	Early Spring
Exposure	Full Sun
Hardiness Zone	3-9
Height	4-8 inches (10-20 cm)
Width	16-24 inches (40-60 cm)

DESCRIPTION

Phlox subulata is a great choice for consumers interested in a perennial with numerous ecological benefits without

CONSUMER APPEAL

- Phlox is a known butterfly and hummingbird magnet. Additionally, it has shown good resistance to deer and the allelopathic bio-chemicals excreted by black walnut trees.
- The true flower-power of Phlox comes from an abundance of small blooms. With that being said, the fragrant flower clusters can still be used in bouquets or arrangements especially if the entire stalk is removed.

GARDEN ATTRIBUTES

- A good choice for patio walkways as Phlox subulata is shorter than other phlox cultivars. It's also a versatile choice for rock gardens, around structure foundations, pollinator gardens, woodland gardens, or as a trailing component in containers or along retaining walls.
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- Should be grown in well drained soil with a good organic matter content. Compost is an excellent way to amend your soil for this plant's benefit.
- Phlox are notorious for their susceptibility to powdery mildew, Phlox subulata is far more resistant than most Phlox if sited properly.

NATIVITY

Native to the eastern and central United States and Canada.

COMPANION PLANTS

Veronica, Leucanthemum, Geranium, Lamium, Lamiastrum, Viola, Paeonia, Campanula, Dianthus

COMMON NAME(S)

Moss Phlox, Creeping Phlox, Mountain Phlox

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