PERENNIAL

PROPAGATION

Phlox Open Cultivar(s)

Phlox subulata

TRAY & ROOTING	
Form	Unrooted Cuttings (URC)
Rooting Hormone	Yes
Tray Size(s)	72, 105
Plants Per Cell	1
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	**Moderate: (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**
LIGHT	
Supplemental	**No**
Benefits From Shade?	**No**

POTENTIAL DISEASES

powdery mildew, downy mildew

POTENTIAL PESTS

aphids, whitefly

PGR SUGGESTIONS

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

CULTIVAR LIST

Amazing Grace, Candy Stripe, Crimson Beauty, Drummond Pink, Emerald Blue, Emerald Pink, Red Wings, Scarlet Flame

'Amazing Grace'

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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PERENNIAL

FINISHING

Phlox Open Cultivar(s)

Phlox subulata

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**	**20-32**
6 in./Gal. (15-16 cm)	**2**	**20-32**

FERTILITY	
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	**5.5-6.2**

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**

LIGHT	
Photoperiodic requirements	**Daylength Neutral**
Supplemental?	**None**
Benefits From Shade?	**No**

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

POTENTIAL DISEASES

powdery mildew, downy mildew

POTENTIAL PESTS

aphids, whitefly

PGR SUGGESTIONS

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

'Drummond Pink'

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

Phlox Open Cultivar(s)

Phlox subulata

KEY INFORMATION

First Year Flowering?	**No**
Bloom Time	**Spring DELETE THIS FIELD UPON PUBLISHING**
Exposure	**Full Sun**
Hardiness Zone	**3-8**
Height	**4-8 inches (10-20 cm)**
Width	**4-10 inches (10-25 cm)**

DESCRIPTION

Phlox subulata is a great choice for consumers interested in a perennial with numerous ecological benefits without sacrificing beauty or reliability.

CONSUMER APPEAL

- Phlox is a known butterfly and hummingbird magnet. Additionally, it has shown good resistance to deer and the allelopathic biochemicals 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.
- 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

'Scarlet Flame'

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