

PERENNIAL

PROPAGATION

Phlox Early[®] Series

Phlox paniculata



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?	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	5.6-6.2

TEMPERATURE

Average Soil Temperature	72-78°F (22-26°C)
Average Air Temperature	72-78°F (22-26°C)

IRRIGATION

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

Supplemental	Yes
Benefits From Shade?	No

POTENTIAL DISEASES

root rot, bacterial leaf spot, powdery mildew

POTENTIAL PESTS

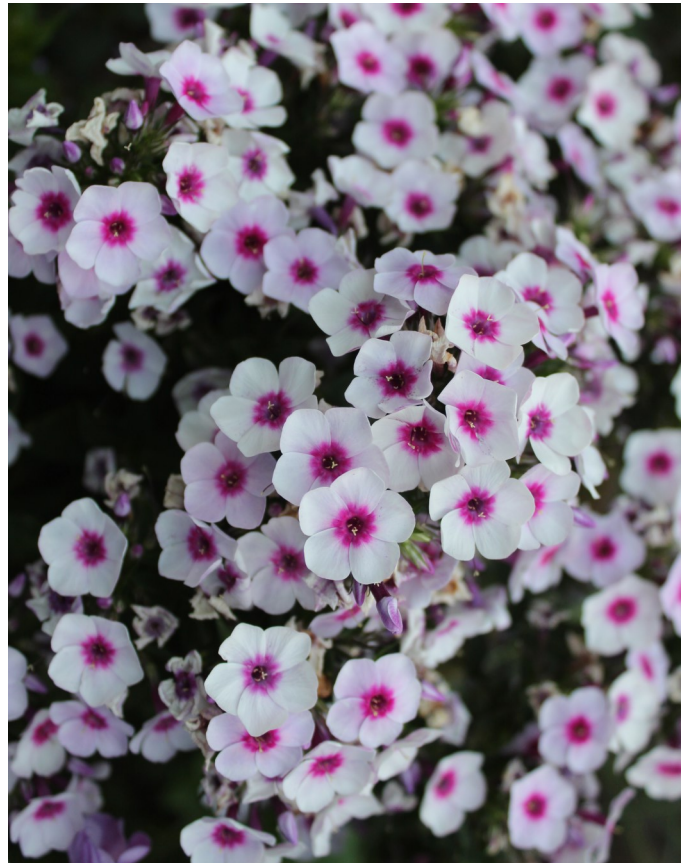
whitefly, aphids, mites

PGR SUGGESTIONS

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

CULTIVAR LIST

Blush Pop, Cerise, Lavender Pop, Magenta, Pink Candy, Pink Ipd, Purple Eye, Red, White 2016



'Blush Pop'

TIPS

- Fertilize regularly to avoid chlorosis.
- 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?	No
Vernalization Duration Minimum	N/A
Vernalization Temperature	N/A

CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
6 in./Gal. (15-16 cm)	1-2	9-12
10-12 in. (22-30 cm)	3-5	11-13

FERTILITY

Fertilizer Rate	250-300 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])
EC Range	High: (3.5-5 mS via SME)
pH Range	5.5-6.2

TEMPERATURE

Day Temperature	75-80°F (24-27°C)
Night Temperature	65-75°F (18-24°C)

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
Supplemental?	Daylength Extension
Benefits From Shade?	No

PINCHING

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

POTENTIAL DISEASES

root rot, bacterial leaf spot, powdery mildew

POTENTIAL PESTS

whitefly, aphids, mites

PGR SUGGESTIONS

- None



'Purple Eye'

TIPS

- Drip irrigation and proper fertilization is essential for ideal finish size, habit, and flower count.
- Proper spacing, air circulation, and high EC helps prevent diseases and promote branching.
- Reoccurring preventive fungicide applications are recommended.

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FEATURES AND BENEFITS

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KEY INFORMATION

First Year Flowering?	Yes
Bloom Time	Summer
Exposure	Full Sun to Part Shade
Hardiness Zone	3-9
Height	12 inches (36 cm)
Width	14 inches (36 cm)

DESCRIPTION

Best early summer Phlox series on the market today with all the colors you need on a compact easy-to-grow habit.

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

- Under proper conditions, 'Flame' Phlox can be the backbone of most perennial borders. It can also be grown as a cottage plant, as a container piece, in a pollinator garden, or in a naturalized area.
- Soil conditions should be kept moderately moist and relatively rich in organic matter.
- All Phlox paniculata are susceptible to powdery mildew, site in a well ventilated area to limit disease pressure.

NATIVITY

Native to the eastern half of North America.

COMPANION PLANTS

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

COMMON NAME(S)

garden phlox, perennial phlox, summer phlox, sweet William



'White'

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