

PERENNIAL

PROPAGATION

Phlox Flame™ Series

Phlox paniculata



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?	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	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

Bacterial Leaf Spot, Powdery Mildew, Root Rot

POTENTIAL PESTS

Aphids, Spider Mites, White Fly

PGR SUGGESTIONS

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



'Coral'

TIPS

- Fertilize regularly to avoid chlorosis.
- A preventative fungicide should be applied to the roots to reduce disease pressure.

WE'RE HERE TO HELP YOU GROW

Tech.NA@DummenOrange.com

614-850-9551

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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)
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6 in./Gal. (15-16 cm)	1	9-12
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8-10 in./2-3 Gal. (20-25 cm)	3	11-13
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FERTILITY

Fertilizer Rate **175-250 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])**

EC Range **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**

LIGHT

Photoperiodic requirements **Long Day Facultative: 12+ Hours Daily**

Supplemental? **Daylength Extension**

Benefits From Shade? **No**

PINCHING

Finishing Pinch? **No**

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

POTENTIAL DISEASES

Bacterial Leaf Spot, Powdery Mildew, Root Rot

POTENTIAL PESTS

Aphids, Spider Mites, White Fly

PGR SUGGESTIONS

- None



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	22-30 inches (56-76 cm)
Width	24-36 inches (60-90 cm)

DESCRIPTION

Best 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 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

- 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.
- The genus name of Phlox is actually the Greek word for flame making our 'Flame™' series twice as hot!

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



'Red'

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