

Culture Sheet: *Technical Information for Growers*

Name: *Phlox paniculata* **Common name:** garden phlox

Scheduling Information

Available sizes: 50, LP50

Sales Window: summer-fall

Plug size	50	LP50
Finish size	Trade 1gal	Trade 1gal
Weeks to finish	9-10	6-8
When to plant	Summer-late summer	fall

Growing on to Finish

Media:	Professional potting media
pH:	5.8-6.5
Irrigation:	Prefer moderate to moist conditions. Allow newly-planted plug to dry slightly right after planting. They prefer a dry start. Once shoots begin to develop, keep plants consistently moist and well-fertilized. Avoid overhead watering and packing plants too close to prevent fungal issues.
Fertilizer:	Use a balanced fertilizer at a rate of 150 to 200 ppm N. Time release fertilizers can also be used at a medium rate.
Light:	High light required (5,000-8,000 f.c.) Flowers are long day obligate.
Temperature:	Growing: 55-72F Holding: 40-50F outdoors
Pest & Disease:	Aphids, spider mites, thrips, and whiteflies; scout and treat as needed. Good growing practices will alleviate disease issues – high light levels, watering in the morning, and good air circulation. Leaf spots, <i>Verticillium</i> , root rots, powdery mildew can be problematic.
Vernalization:	Vernalization will increase plant vigor, decrease time to flower and improve uniformity of flowering. Provide 7-9 weeks of cold.
Pinching:	Soft pinch when plants are 3-4" tall

Grower Tips:

- To avoid foliar diseases, ensure good air circulation and watering practices. Space pots, avoid watering overhead or water in the morning.
- To overwinter: bulk up plants to meet maturity requirement before cold treatment begins. Phlox must have a minimum of 8-12 leaf nodes before given cold treatment. Use only clear water to irrigate plants during cool treatment.

Disclaimer: Cultural information is provided as a guide only. North Creek Nurseries does not guarantee the exact results, as growth and finish times may vary depending upon your location, climate, cultural practices and other influences. Always check manufacturers' labels for approved rates and usage instructions when applying fertilizer or other chemicals.

Sources: Walter's Gardens, Darwin Perennials, Ball RedBook Vol 2 (18th ed)



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