

PHLOX PANICULATA PROPAGATION

Days to root approximately 14

Media:

- Well-drained, 25% 'plug grade' perlite or more
- pH 5.8-6.0
- watered initially to moisture level 4
- EC .75-.80

Rooting Hormone:

- 500ppm IBA basal dip or
- 250 ppm drip down sprench (4gal/100ft²)
- 8oz Pageant Intrinsic spray day one.

Temperature:

- Bottom heat, 70-72F media temp
- Maintain air temperature above 65F

Light:

- 8-10mol
- Day extension to 14+ hours or night interruption lighting

Sticking: Avoid sticking budded or flowering cuttings. Stick cutting just deep enough to hold cutting upright.

Water:

- Use a moderate mist schedule after cutting rehydration.
 - Avoid heavy mist or larger droplet size that may lead to saturated media.
 - Reduce mist to 'low' setting after 7 days.
 - Media should still be at a '4' day 7. Can dry to a 3.5 by day 14.

Feed:

- Continuous micronutrients in the water may be beneficial
- Continuous application of well-balanced fertilizer at 25-40ppm may be beneficial
- If no nutrients in the water, apply 100-150ppm 20-10-20 type fertilizer day 7.

PITFALL MANAGEMENT:

- Avoid saturation
- Long days
- bottom heat
- Avoid budded cuttings.
- Preventative sprays for leaf spots and/or mildew beneficial under high pressure.