# Penstemon (Beardtongue)

**72ct Plug**

Container:
Premium 1 Gallon Pot

Finish:
10-12 weeks

When To Plant:
Late summer

Notes:
Plant small plugs in late summer, then vernalize.

**Grade #1 Bare Root**

Container:
Premium 1 Gallon Pot

Finish:
6-8 weeks

When To Plant:
Late winter to spring

**Growing Temperature:**

60-65° F

**Soil pH:**

5.8-6.5

**Fertility:**

Feed 100-150 ppm N at each watering.

**Pests and Diseases:**

Aphids, thrip, and spider mites are the main pests of Penstemon.

Crown and root rots can be problematic if grown under improper conditions. A fungicide drench is recommended after planting bare root.

**Planting Level:**

Plant crown even with soil line.

**Lighting:**

High light levels produce the best looking plants. Direct sunlight outdoors is best for achieving the proper foliage color. Flowers under natural daylengths.

**Holding Temperature:**

50-60° F

**EC Level:**

1.5-2.5 pour through method

**Vernalization:**

Provide 8 weeks of temperatures below 40° F.

**Potting and Timing:**

Plant small plugs in late summer for bulking purposes.

Bare root is best for quick turn spring crops or larger containers such as 2-3 gallon.

**Moisture:**

Moderate moisture

**PGRs/Pinching:**

Daminozide (B-Nine/Dazide) at 2500 ppm or paclobutrazole (Bonzi) at 5-10 ppm are effective at controlling elongation.

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