

PERENNIAL

## PROPAGATION

# *Penstemon Pristine Series*

*Penstemon barbatus var. praecox*



### TRAY & ROOTING

Form	<b>Unrooted Cuttings (URC)</b>
Rooting Hormone	<b>Yes</b>
Tray Size(s)	<b>72, 105</b>
Plants Per Cell	<b>1</b>
Wks. From Stick To Transplant	<b>5-6</b>
Pinch?	<b>Yes</b>
Days from stick to pinch	<b>21-28</b>

### FERTILITY

Fertilize Through Mist?	<b>No</b>
Fertilizer Rate	<b>100-150 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])</b>
EC Range	<b>Moderate: (2.0-3.5 mS via SME)</b>
pH Range	<b>5.8-6.2</b>

### TEMPERATURE

Average Soil Temperature	<b>72-78°F (22-26°C)</b>
Average Air Temperature	<b>65-72°F (18-22°C)</b>

### IRRIGATION

Irrigation Frequency	<b>Level 3: Keep media moderately moist with mild dry cycles</b>
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### LIGHT

Supplemental	<b>Yes</b>
Benefits From Shade?	<b>No</b>

### POTENTIAL DISEASES

Botrytis, bacterial leaf spot

### POTENTIAL PESTS

aphids, spider mites

### PGR SUGGESTIONS

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

### CULTIVAR LIST

Blue, Deep Rose, Lila Purple, Lipstick, Nightshade, Pink, Primrose, Princess Pink, Scarlet



'Lila Purple'

### TIPS

- Apply ample micronutrients to avoid leaf chlorosis.
- Leaching may be required to prevent the buildup of salts.

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FINISHING

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## VERNALIZATION

Vernalization Required?	<b>No</b>
Vernalization Duration Minimum	<b>N/A</b>
Vernalization Temperature	<b>N/A</b>

CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
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<b>4 in./qt (10-12 cm)</b>	<b>1</b>	<b>6-8</b>
<b>6 in./Gal. (15-16 cm)</b>	<b>2-3</b>	<b>8-10</b>
<b>10 in. (22 cm)</b>	<b>3-4</b>	<b>9-12</b>

## FERTILITY

Fertilizer Rate	200-250 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])
EC Range	<b>High: (3.5-5 mS via SME)</b>
pH Range	<b>5.8-6.2</b>

## TEMPERATURE

Day Temperature	<b>75-80°F (24-27°C)</b>
Night Temperature	<b>65-75°F (18-24°C)</b>

## IRRIGATION

Irrigation Frequency	<b>Level 3: Keep media moderately moist with mild dry cycles</b>
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## LIGHT

Photoperiodic requirements	<b>Daylength Neutral</b>
Supplemental?	<b>None</b>
Benefits From Shade?	<b>No</b>

## PINCHING

Finishing Pinch?	<b>Yes</b>
Transplant to pinch (days)	<b>14-21</b>

## POTENTIAL DISEASES

Botrytis, bacterial leaf spot

## POTENTIAL PESTS

aphids, spider mites

## PGR SUGGESTIONS

- 3-6 ppm Sumagic (0.055% Uniconazole)
- 1500-2500 ppm B-Nine (85% Daminozide) if needed.



'Deep Rose'

## TIPS

- Maintain a high EC and high light levels to avoid yellowing and promote proper bloom set.
- Extra micronutrients are an important fertilization requirement for Penstemon.
- Leaching may be required to prevent buildup of salts.

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## FEATURES AND BENEFITS

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### KEY INFORMATION

First Year Flowering?	<b>Yes</b>
Bloom Time	<b>Late Spring to Early Summer</b>
Exposure	<b>Full Sun</b>
Hardiness Zone	<b>5-9</b>
Height	<b>12-16 inches (30-41 cm)</b>
Width	<b>18-24 inches (46-60 cm)</b>

### DESCRIPTION

Aptly named 'Pristine', these Penstemon feature a medium-compact habit, intense colors, and a naturally well-branching habit. With uniformity at the forefront of our breeding efforts, this new series is easily grown under a universal production regimen. Boasting strong stems and robust architecture, 'Pristine' is the obvious choice for growers ready to update their assortment with the latest breeding.

### CONSUMER APPEAL

- The flowers of beardtongue are attractive to butterflies and bees while the ripe seedpods are a source of food for birds.

### GARDEN ATTRIBUTES

- Penstemon can make wonderful cut flowers, their large panicles have an unignorable look in solo or mixed bouquets.
- Sprinkle throughout your sunny perennial gardens or mass plant for a bit of drama in the garden. Penstemon also fit nicely in to cottage gardens, naturalized areas, and pollinator gardens.
- Prefers soils that are either on the dry side or slightly moist, but never wet or saturated. Poorly drained soils should be avoided.

### NATIVITY

Native to the southwestern and western United States.

### COMPANION PLANTS

*Verbena, Glechoma, Veronica, Leucanthemum, Gaillardia, Nepeta, Perovskia, Agastache*

### COMMON NAME(S)

Beardtongue



'Pink'

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