

PERENNIAL

PROPAGATION

Penstemon Pristine® Series

Penstemon barbatus var. praecox



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	5-6
Pinch?	Yes
Days from stick to pinch	21-28

FERTILITY

Fertilize Through Mist?	No
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	5.8-6.2

TEMPERATURE

Average Soil Temperature	72-78°F (22-26°C)
Average Air Temperature	65-72°F (18-22°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, Botrytis

POTENTIAL PESTS

Aphids, Spider Mites

PGR SUGGESTIONS

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



'Lila Purple'

TIPS

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

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PERENNIAL

FINISHING

Penstemon Pristine® Series

Penstemon barbatus var. *praecox*



VERNALIZATION

Vernalization Required?	Beneficial
Vernalization Duration Minimum	6-8 weeks
Vernalization Temperature	35-40°F (1.6-4.4°C)

CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
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6 in./Gal. (15-16 cm)	1	8-10
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8-10 in./2-3 Gal. (20-25 cm)	3	9-12
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FERTILITY

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

Day Temperature	75-80°F (24-27°C)
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Night Temperature	65-75°F (18-24°C)
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IRRIGATION

Irrigation Frequency	Level 3: Keep media moderately moist with mild dry cycles
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LIGHT

Photoperiodic requirements	Long Day Facultative: 12+ Hours Daily
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Supplemental?	None
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Benefits From Shade?	No
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PINCHING

Finishing Pinch?	Yes
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Transplant to pinch (days)	14-21
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POTENTIAL DISEASES

Bacterial Leaf Spot, Botrytis

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

Penstemon Pristine® Series

Penstemon barbatus var. praecox



KEY INFORMATION

First Year Flowering?	Yes
Bloom Time	Late Spring to Summer
Exposure	Full Sun
Hardiness Zone	5-9
Height	12-14 inches (30-36 cm)
Width	18-24 inches (46-60 cm)

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 unique 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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