

PERENNIAL

PROPAGATION

Penstemon Pristine Series

Penstemon barbatus var. *praecox*



TRAY & ROOTING

Form	Unrooted Cuttings (URC)
Rooting Hormone	Yes
Tray Size(s)	72, 105
Plants Per Cell	1
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	Moderate: (2.0-3.5 mS via SME)
pH Range	5.8-6.2

TEMPERATURE

Average Soil Temperature	22-26°C
Average Air Temperature	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

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, Pink, Scarlet



'Lila Purple'

TIPS

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

WE'RE HERE TO HELP YOU GROW

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FINISHING

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VERNALIZATION

Vernalization Required? **No**

Vernalization Duration
Minimum **N/A**

Vernalization Temperature **N/A**

CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
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10-12 cm	1	6-8
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15-16 cm	2-3	8-10
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22 cm	3-4	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])

EC Range **High: (3.5-5 mS via SME)**

pH Range **5.8-6.2**

TEMPERATURE

Day Temperature **24-27°C**

Night Temperature **18-24°C**

IRRIGATION

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

LIGHT

Photoperiodic
requirements **Daylength Neutral**

Supplemental? **None**

Benefits From Shade? **No**

PINCHING

Finishing Pinch? **Yes**

Transplant to pinch (days) **14-21**

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?	Yes
Bloom Time	Late Spring to Early Summer
Exposure	Full Sun
Hardiness Zone	3-8
Height	30-41 cm
Width	46 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.

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*



'Pink'

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