

PERENNIAL

## PROPAGATION

# *Penstemon PepTalk Series*

*Penstemon hartwegii*



### 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>

### CULTIVAR LIST

Cerise, Hot Pink, Mauve, Pretty Pink, Purple, Red Ipd

### 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)



'Cerise'

### 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>Long day: 12+ hours daily</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

- 5-6 ppm Sumagic (0.055% Uniconazole)
- 2500 ppm B-Nine (85% Daminozide)



'Purple'

## 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>Early Summer to Late Summer</b>
Exposure	<b>Full Sun</b>
Hardiness Zone	<b>7-9</b>
Height	<b>14-18 inches (36-46 cm)</b>
Width	<b>24-36 inches (60-90 cm)</b>

### DESCRIPTION

Great new series with five vibrant colors and matching habit. Perfect summer perennial with a long bloom season.

### CONSUMER APPEAL

- The breeding work that has been completed on these Penstemon is truly astounding. Gigantic vibrant blooms placed tightly together on an extremely compact plant create value for the grower, retailer, and gardener.
- 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

Mexico

### COMPANION PLANTS

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

### COMMON NAME(S)



'Red Imp'

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