

PERENNIAL

## PROPAGATION

# *Rosmarinus* Open Cultivar(s)

*Rosmarinus officinalis*



### TRAY & ROOTING

Form	<b>Unrooted Cuttings (URC)</b>
Rooting Hormone	<b>No</b>
Tray Size(s)	<b>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>50-75 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>72-78°F (22-26°C)</b>

### IRRIGATION

Irrigation Frequency	<b>Level 2: Allow media to dry moderately between thorough waterings</b>
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### LIGHT

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

### POTENTIAL DISEASES

bacterial leaf spot, downy and powdery mildew

### POTENTIAL PESTS

aphids, whitefly

### PGR SUGGESTIONS

- None

### CULTIVAR LIST

Gorizia, Prostratus, Tuscan Blue



'Tuscan Blue'

### TIPS

- Watch for bacterial leaf spot while misting. Reduce mist as soon as possible when cuttings become turgid.
- Herbs are regulated as edible crops in both the USA and Canada. Only apply fungicides, insecticides, and PGRs that are approved for edible crop production in your state/province.

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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>1-2</b>	<b>5-6</b>
<b>6 in./Gal. (15-16 cm)</b>	<b>2-3</b>	<b>6-8</b>
<b>1 Gallon (16 cm)</b>	<b>3-4</b>	<b>8-9</b>

## FERTILITY

Fertilizer Rate	100-150 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])
EC Range	<b>Moderate: (2.0-3.5 mS via SME)</b>
pH Range	<b>5.8-6.2</b>

## TEMPERATURE

Day Temperature	<b>65-75°F (18-24°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>N/A</b>
Supplemental?	<b>Optional</b>
Benefits From Shade?	<b>No</b>

## PINCHING

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

## POTENTIAL DISEASES

bacterial leaf spot, downy and powdery mildew

## POTENTIAL PESTS

aphids, whitefly

## PGR SUGGESTIONS

- None



'Prostratus'

## TIPS

- Consistently cold and wet conditions is the best way to kill rosemary. Never allow temp to fall below 45°F (7°C).
- Bacterial leaf spot is a particularly tenacious issue with rosemary, scout regularly to avoid outbreaks.
- Herbs are regulated as edible crops in both the USA and Canada. Only apply fungicides, insecticides, and PGRs that are approved for edible crop production in your state/ province.



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## FEATURES AND BENEFITS

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### KEY INFORMATION

First Year Flowering?	<b>N/A</b>
Bloom Time	<b>Grown for foliage</b>
Exposure	<b>Full Sun</b>
Hardiness Zone	<b>7-10</b>
Height	<b>12-24 inches (30-60 cm)</b>
Width	<b>12-24 inches (30-60 cm)</b>

### DESCRIPTION

Together with parsley, sage, and thyme, rosemary is a Scarborough fair mainstay. Rosemary is a major herb in dishes ranging from pasta to focaccia.

### CONSUMER APPEAL

- Herbs and edibles are a trendy addition to any garden regardless of gardening experience. Children in particular should be included in the multi-sensory experience of an herb garden. Encourage them to touch, crush, smell, taste, and immerse themselves in the wonderful charm of herbs.
- The potent taste and fragrance of herbs makes them naturally resistant to rabbits, deer, and most herbivorous insects.

### GARDEN ATTRIBUTES

- Excellent in cottage gardens, sensory gardens, and fragrance gardens. Herbs are an ideal choice for high traffic areas like walkways or entryways into a residence. Their versatility spreads to containers and even houseplants if properly cared for. Can work equally well inter-mixed other perennials.
- Rosemary is a shrubby perennial making it possible to trim into an unusual hedge or natural wall.
- Prefers rocky well-drained soils. Wet winter soils can be fatal.
- Herbs should not be allowed to flower at any time during their lifecycle. Flowering will alter the desired fragrance profile in addition to making the herb extremely bitter and unpalatable.

### NATIVITY

Mediterranean coasts

### COMPANION PLANTS

*French tarragon, lemon verbena, lemon balm, mint, basil, oregano, sage, thyme, sweet marjoram, stevia*

### COMMON NAME(S)

rosemary



'Prostratus'

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