

PERENNIAL

## PROPAGATION

# *Lavandula angustifolia* Open Cultivars

*Lavandula angustifolia*



### TRAY & ROOTING

|                               |                                |
|-------------------------------|--------------------------------|
| Form                          | <b>Unrooted Cuttings (URC)</b> |
| Rooting Hormone               | <b>Yes</b>                     |
| Tray Size                     | <b>72, 105</b>                 |
| Plants Per Cell               | <b>1</b>                       |
| Days In Mist                  | <b>5-7</b>                     |
| Wks. From Stick To Transplant | <b>6-8</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>2.0-3.5 mS via SME</b>                                                    |
| pH Range                | <b>5.4-5.8</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> |
|----------------------|--------------------------------------------------------------------------|

### LIGHT

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

### POTENTIAL DISEASES

Botrytis, Root Rot

### POTENTIAL PESTS

Aphids, Fungus Gnats, White Fly

### PGR SUGGESTIONS

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



'Munstead'

### TIPS

- Reduce mist as soon as possible.
- Applying a preventative fungicide drench is recommended.

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## FINISHING

# *Lavandula angustifolia* Open Cultivars

*Lavandula angustifolia*



### VERNALIZATION

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

| CONTAINER SIZE | PLANTS PER POT | TRANSPLANT TO FINISH (WEEKS) |
|----------------|----------------|------------------------------|
|----------------|----------------|------------------------------|

|                             |          |              |
|-----------------------------|----------|--------------|
| <b>6 in./Gal (15-16 cm)</b> | <b>1</b> | <b>12-14</b> |
|-----------------------------|----------|--------------|

|                                     |          |              |
|-------------------------------------|----------|--------------|
| <b>8-10 in./2-3 Gal. (20-25 cm)</b> | <b>3</b> | <b>13-15</b> |
|-------------------------------------|----------|--------------|

### FERTILITY

|                 |                                                                                |
|-----------------|--------------------------------------------------------------------------------|
| Fertilizer Rate | <b>150-200 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])</b> |
|-----------------|--------------------------------------------------------------------------------|

|          |                           |
|----------|---------------------------|
| EC Range | <b>2.0-3.5 mS via SME</b> |
|----------|---------------------------|

|          |                |
|----------|----------------|
| pH Range | <b>5.5-6.2</b> |
|----------|----------------|

### TEMPERATURE

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

|                   |                          |
|-------------------|--------------------------|
| Night Temperature | <b>55-65°F (13-18°C)</b> |
|-------------------|--------------------------|

### IRRIGATION

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

### LIGHT

|                            |                                           |
|----------------------------|-------------------------------------------|
| Photoperiodic requirements | <b>Long Day Obligate: 12+ Hours Daily</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

Botrytis, Root Rot

### POTENTIAL PESTS

Aphids, Fungus Gnats, White Fly

### PGR SUGGESTIONS

- 4-6 ppm Sumagic (0.055% Uniconazole)
- 1500-2500 ppm B-Nine (85% Daminozide) as needed



'Platinum Blonde'

## TIPS

- Plants grown under long days will flower more uniformly. Critical photoperiod after cold treatment should be at least 14 hours of night interruption.
- Keep plants on the dryer side for improved finishing size and flower count.
- Full blazing sun is necessary for proper bloom set.

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## FEATURES AND BENEFITS

### *Lavandula angustifolia* Open Cultivars

*Lavandula angustifolia*



#### KEY INFORMATION

|                       |                                     |
|-----------------------|-------------------------------------|
| First Year Flowering? | <b>Munstead=Yes, all others =No</b> |
| Bloom Time            | <b>Summer</b>                       |
| Exposure              | <b>Full Sun</b>                     |
| Hardiness Zone        | <b>5-9</b>                          |
| Height                | <b>14-18 inches (36-46 cm)</b>      |
| Width                 | <b>12-24 inches (30-60 cm)</b>      |

#### DESCRIPTION

Beautiful blooms? Check! Beautiful silver-green foliage? Check! Phenomenal fragrance? Check! Drought tolerance? Check! Urban tolerance? Check! Any questions?

#### CONSUMER APPEAL

- Lavender is an excellent pollinator plant attracting bees, hummingbirds, butterflies, and other Lepidoptera. Humans love the smell and taste of lavender, deer and rabbits do not.

#### GARDEN ATTRIBUTES

- Lavender makes a good fresh cut flower or dried flower. A sprig or two of foliage is also a worthwhile addition.
- A versatile perennial that can be grown in herb gardens, cottage gardens, borders, rock gardens, and mass plantings. Lavender can also be an effective addition to perennial containers.
- As a drought tolerant perennial, Lavender requires well drained soils. Excessive moisture is a death sentence for lavender.
- Alkaline (higher pH) soils are appreciated.

#### NATIVITY

Native to the Mediterranean coasts.

#### COMPANION PLANTS

*Gaura*, *Scabiosa*, *Achillea*, *Iberis*, *Coreopsis*, *Geranium*, *Sedum*, *Delosperma*

#### COMMON NAME(S)

Lavender, True Lavender, English Lavender, Garden Lavender, Narrow-Leaved Lavender



'Hidcote Blue'

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