PERENNIAL

PROPAGATION

Salvia Open Cultivar(s)
Salvia x sylvestris

TRAY & ROOTING

<table>
<thead>
<tr>
<th>Form</th>
<th>Unrooted Cuttings (URC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rooting Hormone</td>
<td>Yes</td>
</tr>
<tr>
<td>Tray Size(s)</td>
<td>72, 105</td>
</tr>
<tr>
<td>Plants Per Cell</td>
<td>1</td>
</tr>
<tr>
<td>Wks. From Stick To</td>
<td>6-8</td>
</tr>
<tr>
<td>Transplant</td>
<td></td>
</tr>
<tr>
<td>Pinch?</td>
<td>Yes</td>
</tr>
<tr>
<td>Days from stick to pin</td>
<td>21-28</td>
</tr>
</tbody>
</table>

FERTILITY

<table>
<thead>
<tr>
<th>Fertilize Through Mist?</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fertilizer Rate</td>
<td>50-75 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])</td>
</tr>
<tr>
<td>EC Range</td>
<td>Moderate: (2.0-3.5 mS via SME)</td>
</tr>
<tr>
<td>pH Range</td>
<td>5.8-6.2</td>
</tr>
</tbody>
</table>

TEMPERATURE

<table>
<thead>
<tr>
<th>Average Soil Temperature</th>
<th>65-72°F (18-22°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Air Temperature</td>
<td>65-72°F (18-22°C)</td>
</tr>
</tbody>
</table>

IRRIGATION

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

LIGHT

<table>
<thead>
<tr>
<th>Supplemental</th>
<th>Optional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benefits From Shade?</td>
<td>No</td>
</tr>
</tbody>
</table>

POTENTIAL DISEASES

Botrytis, root and stem rot, bacterial leaf spot

POTENTIAL PESTS

whitefly, aphids

PGR SUGGESTIONS

- Optional 300-500 ppm Florel (3.9% Ethephon)
- Optional 2-3 ppm Sumagic (0.055% Uniconazole)

CULTIVAR LIST

May Night

TIPS

- Reduce mist as soon as possible when cutting become turgid.

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**PERENNIAL**

**FINISHING**

*Salvia Open Cultivar(s)*

Salvia x sylvestris

### VERNALIZATION

<table>
<thead>
<tr>
<th>Vernalization Required?</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vernalization Duration Minimum</td>
<td>N/A</td>
</tr>
<tr>
<td>Vernalization Temperature</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CONTAINER SIZE</th>
<th>PLANTS PER POT</th>
<th>TRANSPLANT TO FINISH (WEEKS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 in./qt (10-12 cm)</td>
<td>1</td>
<td>7-10</td>
</tr>
<tr>
<td>6 in./Gal. (15-16 cm)</td>
<td>1-2</td>
<td>9-12</td>
</tr>
<tr>
<td>10 in. (22 cm)</td>
<td>3</td>
<td>11-13</td>
</tr>
</tbody>
</table>

### FERTILITY

- **Fertilizer Rate**: 150-200 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

- **Day Temperature**: 65-75°F (18-24°C)
- **Night Temperature**: 55-65°F (13-18°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, root and stem rot, bacterial leaf spot

### POTENTIAL PESTS

- Whitefly, aphids

### PGR SUGGESTIONS

- 6-8 ppm Sumagic (0.055% Uniconazole)
- 2500-3750 ppm B-Nine (85% Daminozide) as needed
- 2-3 ppm Bonzi (0.4% Paclobutrazol) drench as needed

**TIPS**

- Avoid overwatering. Proper spacing, air circulation, and medium-high EC helps promote branching and tones the plant.
- Long days will accelerate flowering.
- Cool temperatures can be used to maintain a compact habit.

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FEATURES AND BENEFITS

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**KEY INFORMATION**

- **First Year Flowering?** Yes
- **Bloom Time** Summer
- **Exposure** Full Sun
- **Hardiness Zone** 4-8
- **Height** 12-24 inches (30-60 cm)
- **Width** 12 inches (30 cm)

**DESCRIPTION**

With old classics and new superstars, Salvia is one of the most widespread perennials on the market.

**CONSUMER APPEAL**

- Salvia is one of the easiest perennials to grow, especially for gardeners whose maintenance strategy is “benign neglect”.
- With its considerable flower power and strikingly full racemes/panicles, Salvia has no issues attracting pollinators like bees and butterflies. Its unmistakable foliage scent is a natural deterrent to rabbits and deer.

**GARDEN ATTRIBUTES**

- Can make a good cut flower and/or dried flower.
- Salvia is the perfect mainstay backbone for a sunny perennial border. Great for cottage gardens, pollinator gardens, in mass plantings, or in containers.
- The Salvia genus prefers well drained soils that go through periodic moist-dry cycles. Poorly drained soils or those that are consistently saturated should be avoided. Soil amendments such as compost or other organic matter can help Salvia thrive in clay soils.
- After the flower stalks have finished their blooming cycle, remove the entire stalk to encourage reblooming.
- ‘East Friesland’ received the Royal Horticultural Society’s Award of Garden Merit.

**NATIVITY**

Europe and Western Asia

**COMPANION PLANTS**

*Stachys, Verbena, Scabiosa, Solidago, Oenothera, Dianthus*

**COMMON NAME(S)**

woodland sage, Balkan clary, salvia

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