PERENNIAL
PROPAGATION

Achillea 'King Edward'
Achillea lewisii

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>4-5</td>
</tr>
<tr>
<td>Transplant</td>
<td></td>
</tr>
<tr>
<td>Pinch?</td>
<td>No</td>
</tr>
<tr>
<td>Days from stick to</td>
<td>N/A</td>
</tr>
<tr>
<td>pinch</td>
<td></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>100-150 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

<table>
<thead>
<tr>
<th>Irrigation Frequency</th>
<th>Level 3: Keep media moderately moist with mild dry cycles</th>
</tr>
</thead>
</table>

LIGHT

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

POTENTIAL DISEASES

| Botrytis                | |
|-------------------------||

POTENTIAL PESTS

| aphids, thrips          | |
|-------------------------||

PGR SUGGESTIONS

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

CULTIVAR LIST

King Edward

TIPS

- As with all vegetative cuttings, sticking upon arrival is ideal. If this isn’t possible, store in a cooler at 45°F (7°C) for no more than 16 hours after delivery.
- Reduce mist as soon as cuttings become turgid (generally 1-2 days after stick). Avoid overmisting and overwatering.

WE’RE HERE TO HELP YOU GROW
Tech.NA@DummenOrange.com
614-850-9551
DummenOrange.com
VERNALIZATION

Vernalization Required? Yes
Vernalization Duration Minimum 6-8 weeks
Vernalization Temperature 35-40°F (1.6-4.4°C)

<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>7-9</td>
</tr>
<tr>
<td>6 in./Gal. (15-16 cm)</td>
<td>2-3</td>
<td>8-10</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 5.5-6.1

TEMPERATURE

Day Temperature 55-65°F (13-18°C)
Night Temperature 45-55°F (7-13°C)

IRRIGATION

Irrigation Frequency Level 2: Allow media to dry moderately between thorough waterings

LIGHT

Photoperiodic requirements Long day: 12+ hours daily
Supplemental? Optional Daylength Extension
Benefits From Shade? No

PINCHING

Finishing Pinch? No
Transplant to pinch (days) N/A

POTENTIAL DISEASES

Botrytis

POTENTIAL PESTS

aphids, thrips

PGR SUGGESTIONS

- 1-2 ppm Bonzi (0.4% Paclobutrazol) drench as needed

TIPS

- Vernalization is most effective if completed in pots 4-6 weeks after plants have been transplanted into their finishing container.
- For low growing Achillea, no PGR applications are required.
- If finishing under short days, supplemental lighting may be provided to expedite flowering.
- Saturated soil media should be avoided at all costs.

WE'RE HERE TO HELP YOU GROW
Tech.NA@DummenOrange.com
614-850-9551
DummenOrange.com
PERENNIAL

FEATURES AND BENEFITS

*Achillea ‘King Edward’*

*Achillea lewisii*

**KEY INFORMATION**

- First Year Flowering? **No**
- Bloom Time: **Spring to Autumn**
- Exposure: **Full Sun**
- Hardiness Zone: **4-9**
- Height: **3-6 inches (8-15 cm)**
- Width: **24 inches (60 cm)**

**DESCRIPTION**

*Achillea lewisii* is more compact relative to the common *Achillea millefolium*. This plant features more finely textured foliage and larger blooms packed in smaller clusters.

**CONSUMER APPEAL**

- The fragrant inflorescence of *Achillea* helps to attract multiple pollinators including butterflies and bees.
- Aromatic foliage (similar to that of a *Chrysanthemum*) is enjoyable to many consumers while adding to its rabbit and deer resistant properties.

**GARDEN ATTRIBUTES**

- Yarrow makes an excellent cut flower and an even better dried flower for enjoyment 365 days a year.
- An ideal ingredient in any cottage garden, prairie garden, meadow garden, or naturalized area. If allowed to spread over time, ‘King Edward’ will become a pleasant groundcover. *Achillea* can be planted by mailboxes, driveways, and roadsides due to its salt tolerance. The dainty and wispy nature of *Achillea lewisii* make it a good component in fairy gardens.
- An easy-to-grow prairie-like perennial that tolerates a wide range of conditions but prefers well-drained soil and full sun conditions. Can be grown in clay if not overwatered.
- Plants can be sheared or mowed on a regular basis to promote branching and keep the plant compact and well-behaved.

**NATIVITY**

*Achillea* is native to the temperate regions of the Northern Hemisphere including Europe, Asia, and North America.

**COMPANION PLANTS**

*Salvia, Gaillardia, Perovskia, Lavandula, Oenothera, Nepeta, Penstemon*

**COMMON NAME(S)**

yarrow, old man’s pepper, plumajillo

---

**WE'RE HERE TO HELP YOU GROW**

Tech.NA@DummenOrange.com
614-850-9551
DummenOrange.com