PERENNIAL

PROPAGATION

Coreopsis Open Cultivar(s)

Coreopsis verticillata

TRAY & ROOTING

Form
Unrooted Cuttings (URC)

Rooting Hormone
Yes

Tray Size(s)
72, 105

Plants Per Cell
1

Wks. From Stick To
Transplant
4-5

Pinch?
Yes

Days from stick to pinch
14-21

CULTIVAR LIST

Moonbeam, Zagreb

FERTILITY

Fertilize Through Mist?
No

Fertilizer Rate
50-75 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
5.4-5.8

TEMPERATURE

Average Soil Temperature
65-72°F (18-22°C)

Average Air Temperature
65-72°F (18-22°C)

IRRIGATION

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

LIGHT

Supplemental
Optional

Benefits From Shade?
No

POTENTIAL DISEASES

bacterial leaf spot, powdery mildew, Botrytis

POTENTIAL PESTS

aphids

PGR SUGGESTIONS

• Optional 300-500 ppm Florel (3.9% Ethephon)
• Optional 1500-2500 ppm B-Nine (85% Daminozide)

TIPS

• An IBA-based rooting hormone at 500-1000 ppm can be applied as a powder or spray. This will ensure swift and uniform rooting.
• Double stick cells for premium quality liners and finished containers.

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614-850-8551
DummenOrange.com
# Coreopsis Open Cultivar(s)

**Coreopsis verticillata**

## 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>

## Container Size

<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>4-6</td>
</tr>
<tr>
<td>6 in./Gal. (15-16 cm)</td>
<td>1-2</td>
<td>6-8</td>
</tr>
<tr>
<td>10 in. (22 cm)</td>
<td>3</td>
<td>9-12</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 2: Allow media to dry moderately between thorough waterings

## Light

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

## Pinching

- **Finishing Pinch?**: Optional
- **Transplant to pinch (days)**: 14-21

## Potential Diseases

- bacterial leaf spot, powdery mildew, Botrytis

## Potential Pests

- aphids

## PGR Suggestions

- B-Nine (85% Daminozide) 1500-2500ppm
- Sumagic (0.055% Uniconazole) 3-4ppm

## Tips

- Proper spacing and fertilization is required to maintain compact habit and large flower size.
- Dry moderately between waterings to limit stretch and tone plant.
- Daylength extension or night interruption can force flowering.

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FEATURES AND BENEFITS

**Coreopsis Open Cultivar(s)**
Coreopsis verticillata

<table>
<thead>
<tr>
<th>KEY INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year Flowering?</td>
</tr>
<tr>
<td>Bloom Time</td>
</tr>
<tr>
<td>Exposure</td>
</tr>
<tr>
<td>Hardiness Zone</td>
</tr>
<tr>
<td>Height</td>
</tr>
<tr>
<td>Width</td>
</tr>
</tbody>
</table>

**DESCRIPTION**
Coreopsis is undoubtedly one of the most popular native pollinator plants available to homeowners and landscapers. It is low maintenance, drought tolerant, pollinator friendly, and loaded with blooms throughout the growing season.

**CONSUMER APPEAL**
- The showy golden flowers are a dramatic beacon for bees and butterflies.
- Native to prairies, glades, roadsides, and open woods throughout North America, this plant is very drought tolerant once established. Additionally, it is deer resistant.

**GARDEN ATTRIBUTES**
- Although not particularly fragrant, coreopsis make good cut flowers, especially in rustic arrangements.
- Coreopsis is the ultimate perennial for pollinator gardens, borders, naturalized areas, meadow gardens, prairie gardens, cottage gardens and even in mixed container displays.
- Prefers well drained soil where it can survive in dry to moderately moist soils. Can tolerate clay as long as it does not receive too much moisture.
- The best way to promote reblooming is to aggressively shear the plants back after their initial bloom. This will promote fresh new growth full of vitality.

**NATIVITY**
Native to North, Central, and South America though the majority of ancestral species are centered in modern day USA.

**COMPANION PLANTS**
Gaillardia, Salvia, Solidago, Achillea, Lavandula, Perovskia, Gaura, Scabiosa, Penstemon

**COMMON NAME(S)**
tickseed, calliopsis, coreopsis

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