Sanvitalia procumbens

Central Europe
North Europe

Cuzco compact
Cuzco compact imp.
Cuzco compact Yellow imp.
Cuzco trailing golden yellow.

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# Finished Plant Sanvitalia

<table>
<thead>
<tr>
<th>Series</th>
<th>Type</th>
<th>Leaf colour</th>
<th>Pot size</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cuzco Compact Imp.</td>
<td>compact</td>
<td>dark green</td>
<td>9–12 cm</td>
<td>soft pinching is recommended for &gt; 10,5 cm pot</td>
</tr>
<tr>
<td>Cuzco/Sundance Compact Yellow</td>
<td>compact</td>
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</tr>
<tr>
<td>Cuzco/Sundance Trailing Golden Yellow</td>
<td>vigorous</td>
<td>dark green</td>
<td>basket</td>
<td>pinch is recommended</td>
</tr>
</tbody>
</table>

## Remarks

Temperature has to be adapted to lower light conditions in January and February as Sanvitalia are light sum flowering - late potting weeks or high light conditions influence the crop time very strongly.

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**Calendar Week**

Scheduling from standard rooted material without pinch. For 12 cm pot please calculate about 10 days longer!
Cultivation Advice

Alter temperature set points according to light levels. In fall and winter light levels generally are low and temperature set points are best decreased for optimum plant quality. Please note that lower temperatures will increase culture time. Late crops finished in week 23 and later should not be grown dry and with higher K rates to avoid hardening of the plants.

**Fertilization & Substrate**
Constant feed, with a balanced fertilizer (200-250 ppm N), that contains average levels of micronutrients.

**Spacing**
Spacing on time during the culture period avoid stretched and uncontrollable growth.

**Light**
For flowering Sanvitalia need full sun. In the later season to partial shade (min. 6,000 FC / 60,000 LUX).

**Pests and Diseases**
Common pests: Whiteflies, Aphids, Thrips.
Common diseases: Botrytis, Pythium, Rhizoctonia.

**Tips & Tricks**
Cuzeo compact and Cuzco compact imp. don’t need to pinch, because of very good branching and compact habit.

Sanvitalia procumbens
## Recommendations

### Culture guideline at optimum average daily temperature 14–16°C:

<table>
<thead>
<tr>
<th>Culture week</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
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<tbody>
<tr>
<td>Handling</td>
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<td>PGR</td>
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<td>PGR</td>
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<tr>
<td>Temperature D/N</td>
<td>16–18°C</td>
<td>14–16°C</td>
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<td>Light</td>
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<tr>
<td>Shading</td>
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<td></td>
<td></td>
<td>full sun</td>
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<td>Humidity</td>
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<td></td>
<td></td>
<td>50–70%</td>
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<td>Moisture</td>
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<td></td>
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<td></td>
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<td>3–2</td>
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<tr>
<td>pH</td>
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<td></td>
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<td></td>
<td></td>
<td>5,5–5,8</td>
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<tr>
<td>EC growing medium</td>
<td>1,2 mS/cm</td>
<td>1,5-1,75 mS/cm</td>
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<tr>
<td>EC feeding in mS/cm</td>
<td>1,5 mS/cm</td>
<td>2,0 mS/cm</td>
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<tr>
<td>Fertilizer</td>
<td>N : K 1 : 1</td>
<td>N : K 1 : 1,5</td>
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### Legend

#### Soil moisture level
- **1** dry: the substrate changed color to very light brown.
- **2** medium: the substrate turns dark to medium brown. There is no water movement when touched.
- **3** moist: the substrate is black but not glintening. When the substrate is touched, there is water, but virtually no water movement.
- **4** wet: water is not easily observed. When the substrate is touched, there is very little movement of water from top to bottom.
- **5** saturated: water is easily observed. When the substrate is touched, water moves out freely from top to bottom.

#### Culture stages Cuttings / Seeds
- **1** cotyledon emergence
- **2** root development / germ2, cotyledon expansion
- **3** leaf development / plug bulking
- **4** plug finishing / plug finishing

#### EC zones feeding mS/cm
- **1** 0,5–1,0 mS/cm
- **2** 1,0–1,5 mS/cm
- **3** 1,5–2,0 mS/cm
- **4** 2,0–2,5 mS/cm
- **5** 2,5–3,0 mS/cm
- **6** 3,0–3,5 mS/cm

#### EC zones growing medium mS/cm (Sonneveld 1:1,5)
- **1** 0,5–0,75 mS/cm
- **2** 0,75–1,0 mS/cm
- **3** 1,0–1,25 mS/cm
- **4** 1,25–1,5 mS/cm
- **5** 1,5–1,75 mS/cm
- **6** 1,75–2,0 mS/cm
- **7** 2,0–2,25 mS/cm

#### Temperature zones
- **1** 0–6°C
- **2** 6–8°C
- **3** 8–12°C
- **4** 12–14°C
- **5** 14–16°C
- **6** 16–18°C
- **7** 18–20°C
- **8** 20–22°C
- **9** >22°C

#### Shading
- **1** shading > 250 W/m²
- **2** shading > 450 W/m²
- **3** shading > 750 W/m²

#### Light zones
- **1** total darkness
- **2** short day <12 h/short day treatment
- **3** shaded
- **4** no-shading / natural light
- **5** supplemental light > 14 h/long day treatment
- **6** night interruption

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