**Petunia grandiflora F1 Tango**

<table>
<thead>
<tr>
<th>Life cycle</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Family/origin</td>
<td>Solanaceae/South American</td>
</tr>
<tr>
<td>Popular uses</td>
<td>Outdoor containers, pots and packs, suitable for landscape beds and garden, hanging baskets</td>
</tr>
<tr>
<td>Mature plant height</td>
<td>20-25 cm (8-10”)</td>
</tr>
<tr>
<td>Mature plant width</td>
<td>20-25 cm (8-10”)</td>
</tr>
<tr>
<td>Pot size</td>
<td>Packs, 8-10 cm (3-4”) pots</td>
</tr>
<tr>
<td>Plants per pot</td>
<td>1</td>
</tr>
<tr>
<td>Sun exposure</td>
<td>Sun partial shade</td>
</tr>
<tr>
<td>Water requirements</td>
<td>Reduced, avoid wet conditions</td>
</tr>
<tr>
<td>Flowering time</td>
<td>Entire growing season</td>
</tr>
<tr>
<td>Media</td>
<td>A well-drained, porous media is best to prevent over watering pH 5.5-6.2 EC 1.4-1.8 (100-150 ppm)</td>
</tr>
<tr>
<td>Growing temperature</td>
<td>Start at 18-20ºC (64-68ºF) Lower the temperature after root at 15-18ºC (59-64ºF) Avoid wet conditions at night</td>
</tr>
<tr>
<td>Light</td>
<td>Facultative long day-in low light areas they may need daylength extension in the short day times of year when natural light accumulation is low for earlier flowering</td>
</tr>
<tr>
<td>Fertilizer needs</td>
<td>Balanced N:P:K fertiliser as needed recommended, use calcium based fertilizers EC 1.8-2.2 (50-200 ppm)</td>
</tr>
<tr>
<td>Crop time</td>
<td>10-12 weeks</td>
</tr>
<tr>
<td>Hardiness zone</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Growth regulators**
Petunia responds to: Daminozide (Dazide, B-nine), Paclobutrazol (Bonzi) and Chlormequat (Cycocel) is possible

**Common Diseases**
Pythium, Phytophthora Damping-off, Botrytis and Powdery mildew can also be a problem

**Common Pests**
Thrips, Leafminer, Aphids and Whitefly

**Pinching**
No need
### Cultural Information

Cultural information is issued as a guide to growers based on our own trial experience. It is not intended as a blueprint for growing. Any chemicals referred to should be used only in accordance with the manufacturer’s instructions and local regulations.

Text is subject to typing or printing errors.

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### Plug Production

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#### Seed forms
- Raw and pelleted

#### Seed count
- 8,000-11,000 sds/gr (255,000-300,000 seeds/oz) *Varies by lot!*

#### Seeds cell
- 1

#### Vermiculite cover
- No

#### Stage 1
- **Germination**
  - pH 5.9 to 6.2 Media EC 0.5-0.75
  - Growing medium temperature: 22-25°C (72-77°F)
  - Radicle emergence will occur in 3-4 days
  - Moisture: keep media moist but not completely wet to prevent lack of oxygen
  - Petunia will germinate better with light

#### Stage 2
- **Stem and cotyledon**
  - Moisture: keep media moist but not wet to allow roots to penetrate
  - EC 0.5-1.0 (50-75 ppm)
  - Temperature: 18-20°C (65-68°F)
  - To induce early flowering a day of at least 14 hrs at 3,500 lux (350 fc) is recommended

#### Stage 3
- **Growth and development**
  - Moisture: reduce moisture levels for compact sturdy growth
  - Allow media to dry in between watering
  - Temperature: 18-20°C (65-68°F)
  - EC 1.4-1.8 (100-150 ppm)
  - Supplemental lighting up to an 16-18 days will induce early flowering

#### Stage 4
- **Ready for transplanting**
  - Moisture: Keep media relatively dry to prevent stretching
  - Temperature: 15-18°C (60-65°F), temperatures below 15°C (60°F) will delay flower initiation
  - EC: see stage 3

#### Plug crop time
- 4-5 weeks

#### Approximate finish time
- 5-6 weeks

#### Special tips
- Low boron levels may cause tip abortion and blindness
- Use of calcium-based fertilizers will prevent calcium deficiency
- pH: keep pH above 5.7 and below 6.4 to prevent iron deficiency
- Moisture: allow media to dry and plants slightly to wilt between watering
- Best result with growth regulators is after application of watering when foliage is dry
- Light: most Petunias flower based on daylight accumulation. In low light areas supplemental lighting of 4,000-6,500 lux (400-650 fc) is advisable