

## Petunia multiflora F1 Lambada

<b>Life cycle</b>	Annual
<b>Family / Origin</b>	Solanaceae / South America
<b>Popular uses</b>	Outdoor containers, pots and packs, suitable for landscape, beds, garden and hanging baskets
<b>Mature plant height</b>	20-25 cm (8-10")
<b>Mature plant width</b>	20-25 cm (8-10")
<b>Pot size</b>	Packs, 8-10cm ( 3-4") pots
<b>Plants per pot</b>	1 plant per pot 3 to 5 plants for baskets and large pots
<b>Sun exposure</b>	Sun / Partial shade
<b>Water requirements</b>	Reduced, avoid wet conditions
<b>Flowering time</b>	Entire growing season
<b>Media</b>	A well-drained, porous media is best to prevent over watering pH 5.5-6.2 EC 1.0-1.5 (150-225 ppm N)
<b>Growing temperature</b>	Start at 18-20°C (64-68°F) After rooting, reduce temperature to 15-18°C (59- 64°F) Avoid wet conditions at night
<b>Light</b>	Facultative long day – in low light areas they may require an extension of day length during the short day times of the year to promote earlier flowering
<b>Fertilizer needs</b>	Balanced N:P:K fertilizer as needed recommended, use calcium based fertilizers EC 1.8-2.2 (270-330 ppm N)
<b>Crop time:</b>	9-11 weeks
<b>Hardiness zone</b>	N/A



### Description

Traditional weather resistant multiflora  
Petunia

### Growth regulators

Petunia responds to: Daminozide (Dazide  
or B-nine), Paclobutrazol (Bonzi) and  
Chlormequat (Cycocel)

### Common Diseases

Pythium, Phytophthora, Botrytis and  
Powdery Mildew

### Common Pests

Thrips, Leaf Miner, Aphids and Whitefly

### Pinching

No need

## Plug Production

<b>Seed forms</b>	Raw and Pelleted
<b>Seed count</b>	8.000-11.000 seeds/gram (227.000-312.000 seeds/oz); varies per lot!
<b>Recommended plug size</b>	480-264
<b>Seeds cell</b>	1
<b>Vermiculite cover</b>	No cover
<b>Stage 1 Germination</b>	Media pH 5.9 to 6.2 Media EC 0.5-1.0 (75-150 ppm N) Growing medium temperature: 22-25°C (72-77°F) Radicle emergence will occur in 3-4 days Keep media moist but not completely wet to prevent oxygen deficiency Petunia will germinate better with light
<b>Stage 2 Stem and cotyledon</b>	Keep media moist but not wet to allow roots to penetrate EC 0.5-1.0 (75-150 ppm N) Temperature: 18-20°C (64-68°F) To induce early flowering, at least 14 hours per day at 3.500 lux (325 fc) is recommended
<b>Stage 3 Growth and development</b>	Reduce moisture levels for compact, sturdy growth Allow media to dry in between watering Temperature: 18-20°C (64-68°F) EC 1.4-1.8 (210-270 ppm N) Additional lighting up for up to 16-18 days ensures early flowering
<b>Stage 4 Ready For transplanting</b>	Keep media relatively dry to prevent stretching Temperature: 15-18°C (59-64°F); temperatures below 15°C (59°F) delay flowering EC: see stage 3
<b>Plug crop time</b>	4-5 weeks
<b>Approximate finish Time</b>	5-6 weeks
<b>Special tips</b>	Low boron levels can cause tip abortion and blindness. Use of calcium-based fertilizers prevents calcium deficiency Keep pH above 5.7 and below 6.4 to avoid iron deficiency Moisture: allow media to dry and allow plants to wilt slightly between watering. Best result with growth regulators is after applying water when foliage is dry Light: most Petunias bloom based on daylight accumulation. In low light areas, additional lighting of 4.000-6.500 lux (372-604 fc) is advisable

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