

ANNUAL
PROPAGATION

PETUNIA POTUNIA® PLUS

Petunia x hybrida



TRAY & ROOTING

Form	Vegetative Cutting (URC)
Rooting Hormone?	No
Tray Size	
Plants Per Cell	1
Days In Mist	7-10
Wks. From Stick To Transplant	3-4
Propagation Pinch?	No
Weeks To Pinch	N/A

FERTILITY

Fertilize Through Mist?	50-75ppm N
Fertilizer Rate	100-150ppm N
EC Range	Moderate: (2.0-3.5 mS via SME)
pH Range	5.5-6.0

TEMPERATURE

Average Soil Temp	21-24°C
Average Air Temp (Day)	21-24°C
Average Air Temp(Night)	20-22°C

IRRIGATION

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

Daylength Neutral?	Yes
Supplemental	None
Benefits From Shade?	No

POTENTIAL DISEASES

Botrytis, Pythium, Rhizoctonia

POTENTIAL PESTS

Aphids, Thrips, Whitefly

PGR SUGGESTIONS

- Ethephon as soon as cuttings show roots (as early as day 7), to stimulate branching and promote uniformity
- Ethephon+ Daminozide

CULTIVAR LIST

Denim, Neon, Pinkalicious, Purple, Red, Soft Pink
Morning, Strawberry Ice 2018, White, Yellow



TIPS

- After sticking, water the cuttings uniformly to help “seat” them in the soil media. Good soil to stem contact is extremely important for rooting. Over-misting or delayed mist reduction leads to slower rooting and causes iron deficiency.
- Petunias can be pinched in the liner stage to prevent stretch and promote basal branching but the grower must determine if this is necessary.



WE'RE HERE TO HELP YOU GROW

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CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
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10-12 cm	1	4-6
13-15 cm	1	5-7
15 cm and up	3	8-12

FERTILIT

Fertilizer Rate	200-250 ppm N
EC Range	High: (3.5-5 mS via SME)
pH Range	5.6-6.2

TEMPERATURE

Day Temperature	20-24°C
Night Temperature	18-23°C

IRRIGATION

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

Daylength Neutral?	Yes
Optimum Light Level	5,000-8,000 fc (53,800-86,100 lux)
Supplemental	None
Benefits From Shade?	No

PINCHING

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

POTENTIAL DISEASES

Botrytis, Pythium, Rhizoctonia

POTENTIAL PESTS

Aphids, Thrips, Whitefly

PGR SUGGESTIONS

- Daminozide
- Paclobutrazol when plants have reached saleable size to tone for retail.



TIPS

- High light and a negative DIF will reduce stretch.
- Fertilizers with increased iron and micronutrients are best.
- Allow media to dry moderately between waterings but do not allow plants to wilt. Avoid saturated media. Petunias are susceptible to root diseases if overwatered.
- Avoid high-rate PGR applications; they can distort the finished habit. Use of PGRs can delay flowering by up to 2 weeks, avoid applications when flower buds are present.
- Pinch after transplant ONLY when liner has not been treated or soft-pinch for shaping.

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FEATURES AND BENEFITS

PETUNIA POTUNIA® PLUS

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KEY INFORMATION

Primary Common Name	Petunia
Consumer Watering Instructions	Water thoroughly when top 3cm of soil is dry.
Bloom Time	Blooms Spring to Autumn
Exposure	Full Sun to Part Sun
Height	20-41 cm
Garden Spacing	36-61 cm

DESCRIPTION

These aren't your grandma's Petunias!!! 25% larger than our classic Potunia, Potunia Plus features a round habit and large flowers. They are also the earliest flowering petunias on the market making them first to sell at retail.



CONSUMER APPEAL

- Potunia Plus cultivars feature big bold blooms working very well in containers and hanging baskets. Dramatically eye-catching, Potunia Plus are the perfect option for retail endcaps or showcase displays.
- Attractive to both hummingbirds and butterflies.
- This series is heat tolerant, thriving in urban pollution

GARDEN ATTRIBUTES

- A low maintenance series with luxurious flower-power and an appealing growth habit.
- Remarkably self-cleaning, Potunia Plus don't require deadheading or trimming.
- Versatile uses ranging from containers, to hanging baskets, to landscape plantings.

NATIVITY

Of hybrid origin: Petunia genus native to South America.



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