

ANNUAL

PROPAGATION

PETUNIA SWEETUNIA

Petunia x hybrida



TRAY & ROOTING

Form	Vegetative Cutting (URC)
Rooting Hormone?	No
Tray Size	50, 72, 84, 105
Plants Per Cell	1
Days In Mist	7-10
Wks. From Stick To Transplant	3-4
Propagation Pinch?	Yes
Weeks To Pinch	3

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	70-75°F (21-24°C)
Average Air Temp (Day)	70-75°F (21-24°C)
Average Air Temp (Night)	68-72°F (20-22°C)

IRRIGATION

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

LIGHT

Daylength Neutral?	Yes
Supplemental	None
Benefits From Shade?	No

POTENTIAL DISEASES

Botrytis, Pythium, Rhizoctonia

POTENTIAL PESTS

Aphids, Thrips, Whitefly

PGR SUGGESTIONS

- To stimulate branching and promote uniformity, apply 250 ppm Florel (3.9% Ethephon) as soon as cuttings show roots (as early as day 7).
- Tank mix 250ppm Florel (3.9% Ethephon) + 500ppm B-Nine (85% Daminozide)
- 750ppm B-Nine (85% Daminozide)



'Lavender Shimmer'

TIPS

- After sticking, water the cuttings uniformly to help "seat" them in the soil media. Good soil to stem contact is 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

Tech.NA@DummenOrange.com

614-850-9551

DummenOrange.com

ANNUAL
FINISHING

PETUNIA SWEETUNIA

Petunia x hybrida



CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
----------------	----------------	------------------------------

4 in. (10 cm) and up **1** **3-5**

Quart (12 cm) **1** **5-6**

10 in. (22 cm) and up **3** **8-12**

FERTILITY

Fertilizer Rate **200-250 ppm N**

EC Range **High: (3.5-5 mS via SME)**

pH Range **5.6-6.2**

TEMPERATURE

Day Temperature **65-73°F (18-23°C)**

Night Temperature **62-64°F (17-18°C)**

IRRIGATION

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

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

- 500ppm B-Nine (85% Daminozide) + 750ppm Cycocel (11.8% Chlormequat) as a tank mix
- Bonzi (0.4% Paclobutrazol) drench 0.5-1ppm when plants have reached saleable size to tone for retail.



'Pink Touch'

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.

WE'RE HERE TO HELP YOU GROW

Tech.NA@DummenOrange.com

614-850-9551

DummenOrange.com

ANNUAL

FEATURES AND BENEFITS

PETUNIA SWEETUNIA

Petunia x hybrida



KEY INFORMATION

Primary Common Name	Petunia
Consumer Watering Instructions	Water thoroughly when top 1 inch (3cm) of soil is dry.
Bloom Time	Blooms Spring to Autumn
Exposure	Full Sun to Part Sun
Height	8-12 inches (20-30 cm)
Garden Spacing	12-24 inches (30-61 cm)

DESCRIPTION

A grower and retailer favorite, these varieties have a full habit that boasts a profusion of brightly colored and uniquely patterned blooms. This series has upright habit and medium vigor, perfect for many container sizes or as components in combination containers.

CONSUMER APPEAL

- This Series boasts several fascinating varieties with special colors, and is highly suitable for combination planters.
- Attractive to both hummingbirds and butterflies.

GARDEN ATTRIBUTES

- Best in applications requiring an upright to mounding component.
- Versatile uses ranging from containers, to hanging baskets, to landscape plantings.
- Consider sheering off 10-15% of the outer foliage during the heat of the summer to promote reblooming.

NATIVITY

Of hybrid origin: Petunia genus native to South America.



'Windmill Pink'



'Fiona Flash'

WE'RE HERE TO HELP YOU GROW

Tech.NA@DummenOrange.com

614-850-9551

[DummenOrange.com](https://www.dummenorange.com)