



A unique collaboration
of nature and modern
innovation.

Culture Guide Firefly Moonlight™ Petunia Collection

Moonlight™ Pink is a saturated shade of solid pink. Moonlight Pink Surprise bloom coloration is influenced by temperature, and quality and quantity of light; ranging in coloration from solid white to solid pink with many unique combinations in between.

This second-generation breakthrough is more suitable for landscape applications than the original Firefly.

Because of its groundbreaking genetics, Firefly Petunia Moonlight™ requires a little more attention than typical petunia varieties. For best performance and finished plant quality, plants should be grown as a spaced crop (not pot-tight) from the time of transplant. The plants benefit from increased air flow and better light penetration. Pinching is also necessary to produce a premium plant (see detailed notes below.) Besides its bioluminescence, Firefly has some characteristics that differ from today's mainstream cultivars. Throughout the growing cycle from young plants to finished retail plants, Firefly Moonlight may express some variability in its foliage coloration and growth habit. While atypical for other petunias, this tendency is present in healthy Firefly Moonlight plants (more so in Moonlight Pink than Pink Surprise). An ideal growing environment and fertility regime help to keep this to a minimum, but the tendency may persist throughout the plants' life. Pink Surprise flowers vary from solid white to solid pink to pink bicolor, depending on the season and light quality.

Finishing Guidelines

Crop Planning from Young Plants (Liners):

Temperature Requirement:

Day – 60° to 70°F (15° to 21°C) – Night – 55 to 60°F (13° to 15°C)

Media and pH Requirements:

Use a sterile, well-drained soil and maintain pH range of 5.8 to 6.3. Keep evenly moist. Over watering, oxygen deprivation, and poor drained soils may cause foliar chlorosis similar to chlorosis symptoms caused by iron deficiency.

Pot Size	Finish Time (Weeks)	Plants per Pot (PPP)
4" pot (10 cm)	4-6	1 PPP
6" pot (15 cm)	6-8	1 PPP
10" HB	8-10	1 PPP
10" HB	5-7	3 PPP
12" HB	10-12	1 PPP
12" HB	7-9	3 PPP

NEW

Firefly™ Moonlight™ Pink and Pink Surprise Petunia

Moonlight™ is vigorous and is great for large containers, hanging baskets, and landscape applications. Improved genetics mean lower input costs. 12-14" hanging baskets now only need one plant per pot instead of three. Not intended for indoor use.





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Fertilizer Requirements:

Use a balanced feed at 200 to 250 ppm. EC of 1.25 to 2.0 is optimal.

Chlorotic foliage frequently results from deficiencies of Fe, Mn, and Mg. Iron and Manganese will be seen on youngest leaves whereas Magnesium will be seen on oldest leaves, both portrayed as interveinal chlorosis.

To avoid the yellowing, ensure that fertilizer sources contain these elements or provide supplemental forms in your fertilizer including micro elements.

Pinching Requirements:

Pinching is essential. Pinch dominant shoots 10 to 14 days after transplant or once the plants have become established. Thereafter, pinch every two to three weeks during the production cycle.

Plant Growth Regulators:

B-9 is effective to control stretch during cloudy weather and for toning finished pots for improved shelf life. Sumagic PGR as spray at 15 to 30 ppm OR Bonzi as drench at 1 to 3 ppm for finishing.

Disease and Pests:

Whitefly, Thrips and Aphids
Pythium and Botrytis

Excessive moisture for long periods of time will damage roots, causing yellowing of plants resembling a nutrient deficiency. Maintain consistent soil moisture and regularly apply preventative root rot fungicides.

Technical Support

Raker-Roberta's is the exclusive North American supplier of Firefly™ Petunia liners.

Our growing team and technical support specialists are available to help with production planning, culture questions, environmental setup, and troubleshooting throughout the crop cycle.

Success with Firefly Petunia starts with the right partnership, and we're here to be part of yours.



Raker Roberta's

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