

## Petunia Madness® F<sub>1</sub> Series

(*Petunia x hybrida*)

Annuals Culture (revised 02/24/20)

**Plug crop time:** 4 to 5 weeks

**Transplant to finish:** 5 to 6 weeks

Available in North America only.

- Home gardeners and pro landscapers across North America know they can count on fantastic flower power...a bounty of vibrant colours...and never-ending shows that last until first frost.
- Exceptional seed quality, plug performance and uniformity across all colours from sow to finish.
- Well-branched, floriferous plants are covered with an abundance of 3-in./8-cm blooms.

### General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Spring, Late Spring, Summer, Late Summer	10-15 in. (25-38 cm)	10-12 in. (25-30 cm)	8-10 in. (20-25 cm)

### Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days to Germinate	Initial Media pH/EC (1:2)	Cover Seed
PEL, RAW	288	1	4-5	3-5	5.5-5.8 pH 0.75-1.0 mmhos/cm	No

### Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
<b>Moisture</b>	Level 4-5	Level 3-4	Level 2-4	Level 2-4
<b>Temperature</b>	72-76°F (22-24°C)	68-75°F (20-24°C)	65-70°F (18-21°C)	62-65°F (17-18°C)
<b>Light</b>	Light	1,000-2,500 f.c. (10,800-26,900 Lux)	2,500-4,000 f.c. (26,900-43,100 Lux)	2,500-5,000 f.c. (26,900-53,800 Lux)
<b>Fertilizer</b>		Less than 100 ppm N (Less than 0.7 EC)	100 to 175 ppm N (0.7 to 1.2 EC)	100 to 175 ppm N (0.7 to 1.2 EC)
<b>PGR</b>			daminozide/2,500-5,000 ppm/Spray	daminozide/2,500-5,000 ppm/Spray

### Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertilizer	Daylength
(day) 62-70°F (17-21°C) (night) 55-65°F (13-18°C)	5.5-6.2 pH 1.0-1.5 mmhos/cm	100 to 175 ppm N (0.7 to 1.2 EC)	Facultative Long Day

### Crop Scheduling

Container Size	Plugs/Pot	Crop Time	Season	PGR
Cell Pack	1 (ppp)	5-6 (weeks)	Spring	daminozide 2,500-5,000 ppm Spray
10" Pot or HB/3 Gallon	3 (ppp)	5-7 (weeks)	Spring	daminozide 2,500-5,000 ppm Spray

### Common Problems

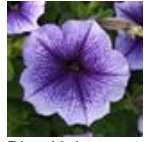
Insects: Thrips, Aphids, Fungus Gnats, Shore Flies Diseases: Botrytis, Rhizoctonia, Pythium

NOTE: Growers should use the information presented here as guidelines only. PanAmerican Seed recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility of the grower to confirm the treatment is available in their region as well as read and follow all the current label directions relating to the products. Nothing herein shall be deemed a warranty or guaranty by PanAmerican Seed of any products listed herein. PanAmerican Seed's terms and conditions of sale shall apply to all products listed herein.

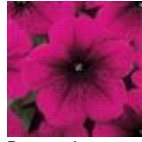
## Variety Pictures



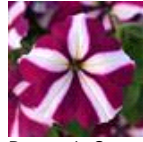
Blue Star



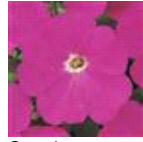
Blue Vein



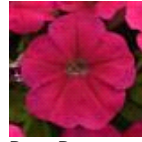
Burgundy



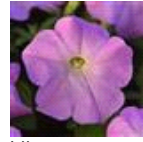
Burgundy Star



Carmine



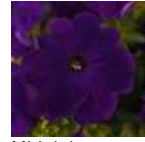
Deep Rose



Lilac



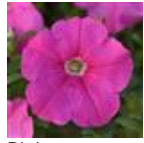
Mid Blue



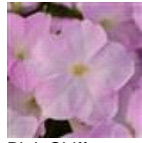
Midnight



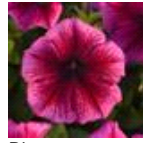
Orchid



Pink



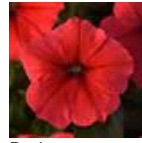
Pink Chiffon



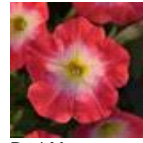
Plum



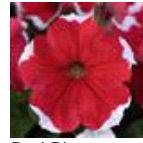
Plum Crazy



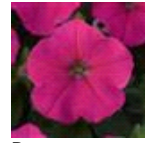
Red



Red Morn



Red Picotee



Rose



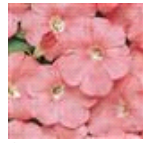
Rose Morn



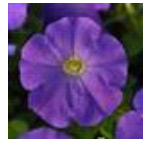
Royal



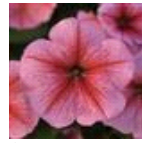
Sheer



Simply Improved



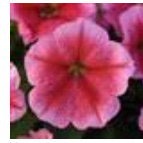
Sky Blue



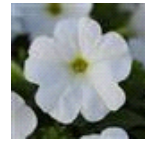
Spring



Sugar



Summer



White Improved



Yellow



Clear Mixture



Just Mixture



Merlot Mixture



Moonlight Mixture



Old Glory Mixture



Total Mixture



Waterfall Mixture

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