GrowerFacts

PanAmericanSeed®

Ornamental Millet Purple Baron F_1

(Pennisetum glaucum)

Annuals Culture (revised 02/24/20)

Plug crop time: 2 to 3 weeks
Transplant to finish: 4 to 5 weeks (green)

- Large, thick flower spikes on plants that are better-branched at the base than Purple Majesty.
- Slightly darker purple than Purple Majesty, with leaves that are shorter and wider for easier shipping, on a plant that is about two-thirds the mature height.
- Young plants are green; stem and midrib begin to develop purple colour as they mature.
- Shows best colour in full sun.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Partial Sun, Sun	Late Spring, Summer, Autumn	30-40 in. (76-102 cm)	10-14 in. (25-36 cm)	10-16 in. (25-41 cm)

Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days from 50% to maximum germination	Initial Media pH/EC (1:2)	Cover Seed
RAW	128	2-3	2-3	2-3	5.5-6.3 pH 0.75 mmhos/cm	Yes

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4-5	Level 3-4	Level 2-3	Level 2-3
Temperature	72-78°F (22-26°C)	68-72°F (20-22°C)	68-72°F (20-22°C)	62-65°F (17-18°C)
Light	Optional	1,000-2,500 f.c. (10,800-26,900 Lux)	2,500-5,000 f.c. (26,900-53,800 Lux)	2,500-5,000 f.c. (26,900-53,800 Lux)
Fertiliser		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)

Propagation Key Tips

Plants that are rootbound or stressed due to drought or nutrient deficiency will not perform well after transplant. Seed may also be direct sown to the final container, reducing total crop time by 2 weeks. See GrowerFacts for details.

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 68-85°F (20-29°C) **(night)** 64-66°F (18-19°C)	5.5-6.5 pH 1.5-2.0 mmhos/cm	175 to 225 ppm N (1.2 to 1.5 EC)	-

Crop Scheduling

Container Size	Plugs/Pot	Crop Time	Season	PGR
5"/6"/1 Gallon/15 cm	3 (ppp)	11-13 (weeks)	Spring	paclobutrazol 3-5 ppm Drench
5"/6"/1 Gallon/15 cm	3 (ppp)	9-10 (weeks)	Autumn	-

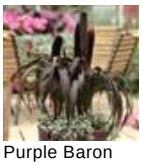
Finishing Key Tips

Plants that are rootbound or stressed due to drought or nutrient deficiency will not perform well. Do not grow below 60°F (16°C). Low temperatures can cause foliage colour to become chlorotic or cause necrosis and flower spike bending. High light results in better basal tillering and stronger stems. When seeds are sown directly to final pot, apply a paclobutrazol drench 6 to 8 ppm at 4 weeks after sow, and repeat if needed 10 days later. When transplanting plugs, use a 3 to 5 ppm paclobutrazol drench at 1 week after transplant. Small pot crop times are based on 68°F (20°C) daily average temperature and saleable foliage plants without flower spikes.

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

Purple Baron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PanAmerican Seed Co.
622 Town Road,West Chicago, Illinois, USA, 60185-2698
+1 800-231-7065 PanAmSeed.com

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