GrowerFacts

PanAmerican Seed®

Ornamental Millet Jade Princess F_1

(Pennisetum glaucum)

Annuals Culture (revised 02/20/23)

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

- Intense chartreuse foliage and rich brown, pollenless panicles have a controlled, mounded shape that is more compact than others in the assortment, so plants ship well.
- Economical grower option – seed can be direct-sown into finish containers, plants are well-suited to pot sizes up to gallons, and the crop finishes fast.
- Great tillering, leading to a bushy plant habit that's perfect for large containers and landscapes.

NOTE: Jade Princess requires warmer temperatures (above 60°F/16°C) than other millets to perform well.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Partial Sun, Sun	Late Spring, Summer, Autumn	24-30 in. (61-76 cm)	18-24 in. (46-61 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)	68-72°F (20-22°C)
Light	Optional	2,500 f.c. (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

Jade Princess is cold sensitive. Plugs allowed to become rootbound or stressed by drought or nutrient deficiency will not perform well after transplant. Use PGRs only if necessary to tone plugs. Seed may also be direct sown to the final container, reducing total crop time by 2 weeks. Keep Jade Princess above 60°F (16°C). 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)	5.8-6.2 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
4"/4.5"/Quart/10 cm	1 (ppp)	4-5 (weeks)	Spring	-
5"/6"/1 Gallon/15 cm	1-2 (ppp)	12-14 (weeks)	Spring	-
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. Jade Princess is especially cold sensitive. 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


Jade Princess


Jade Princess


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