

Alternanthera Purple Knight

(*Alternanthera dentata*)

Annuals Culture (revised 01/12/21)

Plug crop time: 5 to 6 weeks

Transplant to finish: 6 to 7 weeks

- Economical, easy-to-produce plant is an ideal accent for mixed containers and excellent in the landscape as a vigorous bedding plant.
- Also well-suited to indoor plant programs.
- Very heat tolerant – thrives even in subtropical Summer conditions.
- Foliage colour is darkest in full sun.
- Height varies by location; taller in warmer conditions.

Mississippi Medallion Award

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Partial Sun	-	18-36 in. (46-91 cm)	24-36 in. (61-91 cm)	18-36 in. (46-91 cm)

Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days to Germinate	Initial Media pH/EC (1:2)	Cover Seed
RAW	288	1	4	3-4	5.5-6.3 pH 0.75 mmhos/cm	Light cover

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 3-4	Level 3-4	Level 3-4
Temperature	72-76°F (22-24°C)	68-72°F (20-22°C)	65-71°F (18-22°C)	62-65°F (17-18°C)
Light	Light	1,000-2,500 f.c. (10,800-26,900 Lux)	1,000-2,500 f.c. (10,800-26,900 Lux)	2,500-5,000 f.c. (26,900-53,800 Lux)
Fertilizer		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)

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertilizer	Daylength
(day) 65-75°F (18-24°C) (night) 62-65°F (17-18°C)	5.8-6.2 pH 1.2-1.5 mmhos/cm	175 to 225 ppm N (1.2 to 1.5 EC)	Obligate Short Day

Crop Scheduling

Container Size	Plugs/Pot	Crop Time	Season	PGR
306 Pack	1 (ppp)	7-8 (weeks)	Spring	daminozide 2,500-5,000 ppm Spray
306 Pack	1 (ppp)	7-8 (weeks)	Spring	paclobutrazol 15-20 ppm Spray
4"/4.5"/Quart	1 (ppp)	7-8 (weeks)	Spring	daminozide 2,500-5,000 ppm Spray
4"/4.5"/Quart	1 (ppp)	7-8 (weeks)	Spring	paclobutrazol 15-20 ppm Spray
5"/6"/1 Gallon	3 (ppp)	8-9 (weeks)	Spring	daminozide 2,500-5,000 ppm Spray
5"/6"/1 Gallon	3 (ppp)	8-9 (weeks)	Spring	paclobutrazol 15-20 ppm Spray

Finishing Key Tips

Grow plants with daylength longer than 12 hours to maintain vegetative growth. Growing under high light conditions will result in deeper purple foliage.

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.

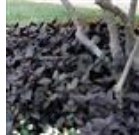
Variety Pictures



Purple Knight



Purple Knight



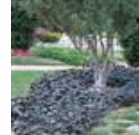
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