GrowerFacts

PanAmerican Seed®

Alternanthera Purple Prince

(Alternanthera brasiliana)

Annuals Culture (revised 02/21/20)

Plug crop time: 4 to 5 weeks
Transplant to finish: 7 to 8 weeks

- First compact seed alternanthera is an easy-to-grow alternative to vegetative varieties.
- Durable plant takes on any Summer condition, including drought and rain. Stunning colour accent in large cityscapes and as a “spiller” in high-impact containers!
- Great in low-maintenance landscapes for professionals and home gardeners alike.
- May flower under very short days; light plants at that time of year to prevent bud formation.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Partial Sun, Sun	-	10-16 in. (25-41 cm)	18-20 in. (46-51 cm)	12-14 in. (30-36 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	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)
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

A paclobutrazol sprench at 1 ppm, 1 week before plug finish, can be useful to control growth when this item is used in combination planters.

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	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/1801	1 (ppp)	7-8 (weeks)	Spring	daminozide 2,500-5,000 ppm Spray
306 Pack/1801	1 (ppp)	7-8 (weeks)	Spring	paclobutrazol 15-20 ppm Spray
4"/4.5"/Quart/10 cm	1 (ppp)	7-8 (weeks)	Spring	daminozide 2,500-5,000 ppm Spray
4"/4.5"/Quart/10 cm	1 (ppp)	7-8 (weeks)	Spring	paclobutrazol 15-20 ppm Spray
5"/6"/1 Gallon/15 cm	3 (ppp)	8-9 (weeks)	Spring	daminozide 2,500-5,000 ppm Spray
5"/6"/1 Gallon/15 cm	3 (ppp)	8-9 (weeks)	Spring	paclobutrazol 15-20 ppm Spray

Chemical Sensitivity

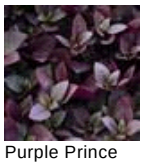
Do not use chlormequat chloride, as phytotoxicity may result.

Finishing Key Tips

Alternanthera Purple Prince is grown for its burgundy foliage. Grow plants with daylength longer than 12 hours to maintain vegetative growth. Growing under high light conditions will result in deeper purple foliage. Pinching is not needed.

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 Prince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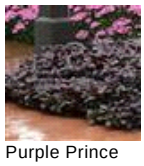
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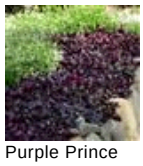
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