GrowerFacts

PanAmerican Seed®

Lavandula Avignon Early Blue

(Lavandula angustifolia)

Perennials Culture (revised 10/18/24)

Complete your Lavender program here!
Find four outstanding varieties to fill in your regionally focused program of *Lavandula angustifolia* from PanAmerican Seed. With Blue Spear, Avignon Early Blue, Ellagance Purple and Lavance Deep Purple, we have all the seed Lavender to keep you growing. Find detailed information in our regional Lavender Scheduling Tool at panamseed.com/perennials.

Plug crop time: 5 to 6 weeks
Transplant to finish: 10 to 14 weeks (24 to 36 weeks overwintered)

- *Grow early, grow easy, grow beautiful!* This tight, well-branched and strong-stemmed plant shows deeper blue blooms earlier than similar English Lavenders.
- Grown as annual in the early cool season, Avignon Early Blue finishes about 2 weeks earlier than our Ellagance Purple and 1 week before the competition.
- Critical daylength is only 10 hours, like Ellagance Purple, but Avignon Early Blue grows better in cool conditions.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Late Spring, Summer	10-12 in. (25-30 cm)	9-11 in. (23-28 cm)	12 in. (30 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
PRM	288 128*	4 6	6-8 8-9	4-5	5.8-6.5 pH 0.7-1.2 mmhos/cm	Yes

* Recommend plug size for forcing.

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 3	Level 2-3	Level 2
Temperature	65-68°F (18-20°C)	65-68°F (18-20°C)	60-65°F (16-18°C)	60-65°F (16-18°C)
Light	Light	2,000-2,500 f.c. (21,500-26,900 Lux)	2,500-3,500 f.c. (26,900-37,700 Lux)	4,000-5,000 f.c. (43,100-53,800 Lux)
Fertiliser		100 to 175 ppm N (0.7 to 1.2 EC)	175 to 225 ppm N (1.2 to 1.5 EC)	175 to 225 ppm N (1.2 to 1.5 EC)
PGR			daminozide/1,000-2,000 ppm/Spray	daminozide/1,000-2,000 ppm/Spray

Vernalisation

No

Propagation Key Tips

For forcing info: see Perennials Forcing Guide.
For scheduling info: see Lavender scheduling tool.

Spray damp-off fungicide. Provide good ventilation and active respiration in plug production. Grow on the dry side, with watering in early morning, to allow plugs to dry up during the day. If respiration and fertilisation are too low, Lavandula angustifolia can show "black spots" on cotyledons due to root pressure damage. This is reversible with improved ventilation and higher fertilisation.

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 60-72°F (16-22°C) **(night)** 46-54°F (8-12°C)	5.8-6.5 pH 1.1-1.4 mmhos/cm	100 to 175 ppm N (0.7 to 1.2 EC)	Day Neutral

Daylength Notation

See Lavender Scheduling Tool at panamseed.com for finishing schedules per region.

Crop Scheduling

Crop Type	Container Size	Plugs/Pot	Crop Time	Season	PGR
Annual	4"/4.5"/Quart/10 cm	1 (ppp)	9-10 (weeks)	Summer, ADT 60°F (16°C)	daminozide 2,000-3,000 ppm Spray
Annual	4"/4.5"/Quart/10 cm	1 (ppp)	9-11 (weeks)	Late Spring, ADT 60°F (16°C)	daminozide 2,000-3,000 ppm Spray
Annual	5"/6"/1 Gallon/15 cm	1-3 (ppp)	9-10 (weeks)	Summer, ADT 60°F (16°C)	daminozide 2,000-3,000 ppm Spray
Annual	5"/6"/1 Gallon/15 cm	1-3 (ppp)	10-11 (weeks)	Late Spring, ADT 60°F (16°C)	daminozide 2,000-3,000 ppm Spray

Fertiliser Notation

Apply constant fertiliser at rate 1 to 2 (100 to 125 ppm N/0.7 to 1.2 mmhos/cm EC or 150 ppm as needed). Maintain the pH at 5.8 to 6.5 and EC 1.2 to 1.5 mmhos/cm. For overwintering outside, add some extra nitrate-based fertiliser in early Spring (EC 1.5 to 1.6 mmhos/cm) when plants start to re-grow.

Common Problems

Needs active climate, with good airflow, low RH and grow relatively dry. Must have excellent soil drainage, but also container field drainage. Will be prone to fungal disease (Leafspot, Botrytis) when high RV, little airflow, low light. Lavandula plants need to be dry when being shipped. No overhead watering in shipping, nor at retail environment.

Finishing Key Tips

Avoid planting plug too deep. Keep plug surface same as medium surface. Grow low RH and high light. Let top soil dry in between waterings, but do not allow medium to dry, as high EC could cause root damage. Monitor for Botrytis, Root Rot, Leafspot, Aphids and Mites. For shipping, keep soil moist and plant dry. Use Avignon Early Blue for annual early Southwest and Northwest season and Ellagance Purple for annual early Southeast season. Lavance is best for Summer production, has best bulk. Do not plant this variety for early season. Growth is delayed in cool conditions. See the Lavender Scheduling Tool at panamseed.com for finishing schedules by region. For overwintered production, cut back just below top foliage; do this mid-Autumn, approximately 4 weeks before dormant period, or in Spring just before regrowth.

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

Avignon Early Blue

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PanAmerican Seed®

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