

## Verbena Buenos Aires

(*Verbena bonariensis*)

Perennials Culture (revised 10/31/23)

**Plug crop time:** 6 to 7 weeks

**Transplant to finish:** 16 to 18 weeks

- Tall, free-flowering Verbena with open plant habit is grown primarily as an annual and used as a pretty accent plant or height divider in the border.

### General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Summer, Late Summer, Autumn	40-50 in. (102-127 cm)	12-16 in. (30-41 cm)	12-20 in. (30-51 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 4	6-7 8	7-10	5.5-6.2 pH 0.75 mmhos/cm	Yes

### Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
<b>Moisture</b>	Level 4	Level 2-3	Level 2	Level 2
<b>Temperature</b>	68-72° F (20-22° C)	65-68°F (18-20°C)	60-65°F (16-18°C)	60-65°F (16-18°C)
<b>Light</b>	Dark	2,000-2,500 f.c. (21,500- 26,900 Lux)	2,000-2,500 f.c. (21,500-26,900 Lux)	4,000-5,000 f.c. (43,100-53,800 Lux)
<b>Fertiliser</b>		100 to 175 ppm N (0.7 to 1.2 EC)	100 to 175 ppm N (0.7 to 1.2 EC)	100 to 175 ppm N (0.7 to 1.2 EC)
<b>PGR</b>			daminozide/chlormequat chloride tank mix/1,500/200-2,500/300 ppm/Spray	daminozide/chlormequat chloride tank mix/2,500/300-3,750/500 ppm/Spray

### Vernalisation

No

### Propagation Key Tips

For forcing info: See Perennials Forcing Guide.

Spray damp-off fungicide.

Grow relatively dry after Stage 1.

### Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 65-68°F (18-20°C) (night) 60-65°F (16-18°C)	5.5-6.2 pH 1.3-1.5 mmhos/cm	175 to 225 ppm N (1.2 to 1.5 EC)	Facultative Long Day

## Daylength Notation

For forcing info: See Perennials Forcing Guide.

## Crop Scheduling

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Crop Type	Container Size	Plugs/Pot	Crop Time	Season	PGR
Annual	4"/4.5"/Quart/10 cm	1 (ppp)	11-13 (weeks)	Late Spring	-
Annual	5"/6"/1 Gallon/15 cm	1-3 (ppp)	10-11 (weeks)	Autumn, ADT 68°F (20°C)	daminozide 2,500-5,000 ppm Spray

## Fertiliser Notation

Apply fertiliser at rate 1 to 2 (100 to 125 ppm N/1.2 to 1.5 mmhos/cm EC) or 200 ppm as needed. Maintain the pH at 5.5 to 6.

## Common Problems

Monitor for Powdery Mildew, Aphids and Thrips.

## Finishing Key Tips

Primarily sold green. Grow dry and light. Relatively high fertilization. Avoid high N. Prevent Mg and Fe deficiency.

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

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Buenos Aires



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