

Salvia New Dimension™ Series

(*Salvia nemorosa*)

Perennials Culture (revised 01/20/21)

Plug crop time: 5 to 6 weeks

Transplant to finish: 8 to 11 weeks

- The deepest blue and rose Salvia from seed!
- Economical and easy to produce.
- Large, compact and well-branched plants feature strong-coloured flowers that last in the landscape.
- Well-matched series finishes fast with no PGRs needed.
- Fits into annual production schedules.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Summer, Late Summer, Autumn	8-10 in. (20-25 cm)	6-8 in. (15-20 cm)	12-16 in. (30-41 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	288 128*	2-4 4-6	5-6 7	3-4	5.5-6.2 pH 0.75 mmhos/cm	Light cover

* Recommend plug size for forcing.

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 3	Level 2	Level 2
Temperature	68-72°F (20-22°C)	65-68°F (18-20°C)	60-65°F (16-18°C)	60-65°F (16-18°C)
Light	Optional	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)
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)

Vernalization

No

Propagation Key Tips

Critical Daylength: 14 hours.

Short day (10 hours) bulk needed for forcing.

For forcing info: See Perennials Forcing Guide.

Spray damp-off fungicide.

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertilizer	Daylength
(day) 60-72°F (16-22°C) (night) 50-59°F (10-15°C)	5.5-6.2 pH 0.9-1.3 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

Crop Type	Container Size	Plugs/Pot	Crop Time	Season	PGR
Annual	4"/4.5"/Quart/10 cm	1 (ppp)	7-9 (weeks)	Summer	daminozide 1,500-2,000 ppm Spray
Annual	4"/4.5"/Quart/10 cm	1 (ppp)	8-11 (weeks)	Late Spring	daminozide 1,500-2,000 ppm Spray
Overwinter	5"/6"/1 Gallon/15 cm	1 (ppp)	24-28 (weeks)	Spring	daminozide 1,500-2,000 ppm Spray
Annual	5"/6"/1 Gallon/15 cm	3-4 (ppp)	7-9 (weeks)	Summer	daminozide 1,500-2,000 ppm Spray
Annual	5"/6"/1 Gallon/15 cm	3-4 (ppp)	8-11 (weeks)	Late Spring	daminozide 1,500-2,000 ppm Spray
Overwinter	8"/2 Gallon/20 cm	3-5 (ppp)	24-28 (weeks)	Spring	daminozide 1,500-2,000 ppm Spray

Fertilizer Notation

Apply fertilizer at rate 1 to 2 (100 to 125 ppm N/1.2 to 1.5 mmhos/cm EC) or 150 ppm as needed. Maintain the pH at 5.5 to 6.2.

Common Problems

Insects: Spider Mites, Aphids, Thrips, Whiteflies Disease: Rhizoctonia, Crown and Root Rot (under wet conditions), Leafspot, Pythium, Phytophthora, Botrytis, Powdery Mildew, Phoma

Bulking Strategy

See Perennial Forcing chart in Product Information Guide.

Finishing Key Tips

Grow relatively dry. Avoid leaf yellowing caused by high pH (Fe) and/or low N when generative. Spray weekly with Bittersalt MGSO₄ 1g/liter. Monitor for Spider Mites, Rhizoctonia, Leafspot and Root Rot. Wet after transplant with preventive spray.

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



Blue



Rose

PanAmericanSeed™

PanAmerican Seed Co.
622 Town Road, West Chicago, Illinois, USA, 60185-2698
630 231-1400 Fax: 630 231-3609 PanAmSeed.com

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