

Salvia New Dimension™ Series

(*Salvia nemorosa*)

Perennials Culture (revised 10/30/23)

Seed supplied as: Treated Seed Non Chemical

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 |
|-----------|-----------------------|------------|-----------------|--------------------------------------|-----------------------------|-------------|
| TRT | 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) |
| 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) |

Vernalisation

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) | Fertiliser | 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 |

Fertiliser 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



PanAmerican Seed Co.
622 Town Road, West Chicago, Illinois, USA, 60185
+1 800-231-7065 PanAmSeed.com

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