

Salvia Salvatore Blue

(*Salvia nemorosa*)

Perennials Culture (revised 11/08/23)

Opening the door to seed Salvia

With the tallest spikes and the deepest blue colour, Salvatore Blue is an excellent alternative to vegetative Salvia. Plus, it offers a critical daylength of 10 hours for finishing in early Spring, which previously was only possible with vegetative varieties.

Seed supplied as: Treated Seed Non Chemica

Plug crop time: 5 to 6 weeks

Transplant to finish: 8 to 10 weeks

- Premium-look Salvia features the largest spikes and the deepest coloured calyx, spikes and flower in *Salvia nemorosa* from seed.
- A good seed alternative to vegetative Salvia.
- More vigorous than New Dimension™ Blue, it is better suited for gallons.
- Features black stems on well-branched plants.
- Ideal for annual and overwintering production.
- With a critical daylength of 10 hours, it is possible to finish for early Spring, which previously was only possible with vegetative varieties.

General Information

| Exposure | Bloom Season | Height | Spread | Spacing |
|----------|------------------------------------------|-------------------------|-----------------------|-------------------------|
| Sun | Late Spring, Summer, Late Summer, Autumn | 10-12 in. (25-30 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 | 1 2-3 | 5-6 5-6 | 3-4 | 5.5-6.2 pH 0.75 mmhos/cm | Light cover |

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) | 175 to 225 ppm N (1.2 to 1.5 EC) |
| PGR | | | daminozide/1,000-1,500 ppm/Spray | daminozide/1,500-2,000 ppm/Spray |

Vernalisation

No

Fertiliser Notation

Use a well-balanced, non-Ammonium based fertilizer. Avoid high pH, as it can cause chlorosis.

Propagation Key Tips

Grow in an active climate. Avoid moist and high relative humidity.

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 1.1-1.4 mmhos/cm | 175 to 225 ppm N (1.2 to 1.5 EC) | Facultative Long Day |

Daylength Notation

Salvatore Blue is a facultative long day plant, but it is much less daylength sensitive than Salvia New Dimension, and is able to flower under 10-hour short day conditions. Because of the 10-hr. critical daylength, Salvatore Blue can be grown for annual programs, but also for long-cycle production through the Winter for Spring sales. Salvatore can finish in the southern U.S. for April sales if critical daylength at transplant is a minimum of 10 hrs., comparative to vegetative choices for early Spring.

Crop Scheduling

| Crop Type | Container Size | Plugs/Pot | Crop Time | Season | PGR |
|------------|----------------------|-----------|---------------|-------------------------------|----------------------------------|
| Overwinter | 4"/4.5"/Quart/10 cm | 1 (ppp) | 14-18 (weeks) | Early Spring, ADT 62°F (17°C) | daminozide 1,500-2,000 ppm Spray |
| Annual | 4"/4.5"/Quart/10 cm | 1 (ppp) | 7-8 (weeks) | Summer, ADT 62°F (17°C) | daminozide 1,500-2,000 ppm Spray |
| Annual | 4"/4.5"/Quart/10 cm | 1 (ppp) | 8-10 (weeks) | Spring | daminozide 1,500-2,000 ppm Spray |
| Overwinter | 5"/6"/1 Gallon/15 cm | 1-3 (ppp) | 14-18 (weeks) | Early Spring, ADT 62°F (17°C) | daminozide 1,500-2,000 ppm Spray |
| Annual | 5"/6"/1 Gallon/15 cm | 1-3 (ppp) | 7-8 (weeks) | Summer, ADT 62°F (17°C) | daminozide 1,500-2,000 ppm Spray |
| Annual | 5"/6"/1 Gallon/15 cm | 1-3 (ppp) | 8-10 (weeks) | Spring | daminozide 1,500-2,000 ppm Spray |

Fertiliser Notation

Use a well-balanced, non-Ammonium fertiliser, including a micro elements mix. Growers using water-soluble fertilisers can apply 125 to 150 ppm nitrogen with every irrigation, or use 250 ppm as needed.

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

Short day will not bulk Salvatore Blue, due to its low critical daylength of 10 hrs. It is best to use plugs with PGR daminozide for better branching.

Finishing Key Tips

Salvatore Blue needs a little higher fertilisation level than New Dimension Blue, per the Target Media EC. With Salvia nemorosa, leaf yellowing can occur, especially once turning generative. Keep up fertilisation and use iron leaf fertilisation, avoiding too high of a pH. Grow relatively dry and provide an active climate. Salvatore Blue can show black spots on the leaves; this is not disease, nor does it indicate damage. Due to the dark colour of Salvatore Blue, these spots are accumulations of the colour compound that will be dissimilated in better growing conditions.

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



Salvatore Blue



Salvatore Blue



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