Salvia nemorosa Reflective midnight blue

Life cycle	Perennial
Family / Origin	Lamiaceae / Central Europe-Asia
Popular uses	Outdoor pots, containers and borders Attract butterflies and bees
Mature plant height	30-35 cm (12-14”)
Mature plant width	20-25 cm (8-10”)
Pot size	10-15 cm (4-6”) - 1 plant 17-19 cm (7-8”) - 3 plants
Plants per pot	1-3 plants in bigger container
Sun exposure	Sun or partial shade
Water requirements	Reduced; avoid wet conditions
Flowering season	May- August
Media	A well-drained, porous (perennial) media is best to prevent over watering pH 5.8 – 6.3 EC 0.5-1.0 (75-150 ppm N)
Growing temperature	For active growth: 10-16ºC (50-61ºF) at night, days up to 16°C (61°F) Higher average day temp. will speed up the process
Light	Salvia is long-day flowering plant and prefers high light intensity Critical day-length: 14 hours
Fertilizer needs	Balanced N:P:K fertilizer as needed EC1.4-1.8 (210 to 270 ppm)
Crop time	16-18 wks: first year flowering 36-38 weeks: overwintering
Hardiness zone	Z 4-7

Description
This new Salvia nemorosa has a compact uniform plant habit and is first year flowering with intense blue-violet flower spikes which makes it an attractive and high-quality summer flowering perennial

Growth regulators
Salvia will respond to Daminozide (Dazide, B-Nine), Cycocel (CCC) and Paclobutrazol (Bonzi)

Common diseases
Wet foliage needs to be avoided to prevent Botrytis, Pythium and Rhizoctonia

Common pests
Thrips, Aphids, Whitefly

Pinching
No need

Crop type
First year flowering (no vernalisation required)
Can also be scheduled for traditional overwintering production

Plants/m² finished
15 plants/m² - 17 cm (7”) pot size
25 plants/m² - 12 cm (5”) pot size
35 plants/m² - 10 cm (4”) pot size

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Plug Production

Seed forms	Raw and Pro-seed
Seed count	750-800 seeds/gram (21.250-22.700 seeds/oz); varies by lot!
Seeds cell	2-4
Recommended plug size	288-128
Vermiculite cover	Normal
Stage 1 **Germination**	Germination time 8-10 days Growing medium temperature 20-22°C (68-72°F) Moisture: keep medium saturated (pH 5.5 to 6.3) Fertilizers: EC 0.5-1.0 (75-150 ppm N)
Stage 2 **Stem and cotyledon**	Temperature: 18-20°C (65-68°F) Fertilization: EC 0.5-1.0 (75-150 ppm N) Reduce moisture levels to obtain optimum root penetration and to prevent fungal diseases Prevent wet foliage after nightfall.
Stage 3 **Growth and development**	Temperature: 18-20°C (65-68°F) Fertilization EC 1.2-1.5 (180-225 ppm N) Moisture: reduce moisture levels and allow medium to dry between watering but do not allow plants to wilt
Stage 4 **Ready For transplanting**	Temperature: 13-15°C (55-59°F) Fertilization: see stage 3 Moisture: reduce moisture levels and allow medium to dry between watering but do not allow plants to wilt
Plug crop time	5-6 weeks
Approximate finish Time	First year flowering: 10-12 weeks Overwintering: 30-32 weeks
Special tips	Plants should be kept moderately moist; if the soil is too dry, the leaves will turn yellow The crop needs good air circulation and to be grown in well-ventilated conditions

Schedule 12cm (5") pot

	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39	41	43
	p			S			F												
Young plants		p			S			F											
5-6 weeks			p			S			F										
						F								P			S		
							F								P			S	
								F								P			S

Overwinter
First year
Young plants

P=Potting
S=Spacing
F=Flowering

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