



syngenta®flowers

Salvia Strata™

Culture Guide

Botanical name: *Salvia farinacea*

Product form: Seed

Containers: Pints, Quarts, Gallons

Habit: Upright

Garden Specifications

Garden Height: 12–16" (30–40 cm) tall

Garden Width: 8–10 " (20–25 cm) wide

Exposure: Full sun

USDA zone: 10

AHS zone: 12–1

Product use: Containers, Landscapes, Patio Pots, Combos

Germination

Stages 1 & 2

Germination time: 5–7 days

Media temp: 72–75 °F (22–24 °C)

Chamber: Optional

Light: Not required for germination

Seed cover: Yes

Moisture level: 4 - WET: Soil is dark brown but not shiny, no free water is seen at the surface of the soil, when pressed or squeezed water drips easily, and trays are heavy with a visible bend in the middle.

Rec. tray size: 288-cell tray

Seeds per cell: 1

Young Plant Production

Stages 3 & 4

Temperature

Day: 70–72 °F (21–22 °C)

Night: 68–70 °F (20–21 °C)

Average daily temperature: 70 °F (21 °C)

Lighting

Day extension lighting: Beneficial to 14 hours

Light intensity: 2,000–3,000 foot candles (400–600 micro mols)

Day length response: Facultative long day

Daily light integral: 10–12 mols/day

Media pH: 5.5–5.9

Media EC: SME 0.5 to 0.75 mS/cm

Fertilizer: 75–125 ppm N

Moisture level: Media should be allowed to dry between irrigations. Alternate between moisture level 2 and 4.

2 - MEDIUM: Soil is light brown in color, no water can be extracted from soil, and soil will crumble apart.

4 - WET: Soil is dark brown but not shiny, no free water is seen at the surface of the soil, when pressed or squeezed water drips easily, and trays are heavy with a visible bend in the middle.

Pinching: No

Plant growth regulators (PGRs): If needed to help prevent stem stretch, spray with B-Nine® WSG at 2,500 ppm or A-Rest® at 2–7 ppm.

Plug grow time: 6–7 weeks in a 288-cell tray

Comments: Salvia is sensitive to high salts in the plug tray, so do not let the EC rise above 1.5 mS/cm. After fertilization, rinse the plug off with clear water to avoid burning the young growing tips.

Finishing

Temperature

Day: 66–68 °F (19–20 °C)

Night: 62–64 °F (17–18 °C)

Average daily temperature: 65 °F (18 °C)

Lighting

Day extension lighting: Beneficial to 14 hours

Light intensity: 4,000–6,000 foot candles

Day length response: Facultative long day

Daily light integral: 12–14 mols/day

Transplanting: Transplant directly into the finished container. Place the rooting media slightly below the level of media in the container. Make sure that root ball is covered and that the plug is situated in the center of the pot.

Media pH: 5.5–5.9

Media EC: SME EC: 0.9–1.3 mS/cm, PourThru EC: 1.4–2.0 mS/cm

Fertilizer: 125–175 ppm N

Pinching: No. Pinching is not recommended or needed.

Plant growth regulators (PGRs): If needed to control height, spray with B-Nine® WSG at 2,500 ppm, Bonzi® at 5–15 ppm, or A-Rest® at 3–10 ppm. Strata is bred to be genetically compact; therefore, it does not require as much PGRs as some other *Salvia farinacea* varieties.

Tech tip: If needed to control height when plants are starting to flower, a drench with Bonzi® at 2–3 ppm or Sumagic® at 0.5–1 ppm can be used without delaying flowering. Practice a good wet/dry moisture cycle but avoid extremes of wet and dry. Salvias are sensitive to high salts, it is best to maintain EC levels below 2.0 mS/cm.



Try Chrysal Alesco®, a postharvest foliar spray, to protect ethylene sensitive crops during shipping and retail

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Common pests: Aphids, Thrips, Whiteflies

Common diseases: Pythium, Botrytis

Scheduling

Size	Crop Time	Plants Per Pot
1.0 pint (4 inch)	9–10 weeks	1 ppp
1.0 quart (4.5 to 5 inch)	9–10 weeks	1 ppp
1.25 to 2.5 quart (5.5 to 6.5 inch, trade gallon)	10–11 weeks	1–3 ppp

Estimated finish crop time is from transplant of a 288-cell tray and finished at an average daily temperature (ADT) of 65 °F (18 °C).

Example crop schedule for a 1.0 quart

Weeks From Transplant	Description
4 weeks	If needed to control height, spray with B-Nine® WSG at 2,500 ppm, Bonzi® at 5–15 ppm, or A-Rest® at 3–10 ppm
8 weeks	If needed to control height when plants are starting to flower, drench with Bonzi® at 2–3 ppm or Sumagic® at 0.5–1 ppm
10 weeks	Ready to ship



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