



Mojave™ Salmon

syngenta®flowers

# Salvia Mojave™

## Culture Guide

**Botanical name:** *Salvia splendens*

**Product form:** Seed

**Containers:** Packs, Pints, Quarts, Gallons

**Habit:** Upright

### Garden Specifications

**Garden Height:** 10–12" (25–30 cm) tall

**Garden Width:** 10–12" (25–30 cm) wide

**Exposure:** Full sun to shade

**USDA zone:** 10

**AHS zone:** 12–1

**Product use:** Packs, Containers, Landscapes, Patio Pots

### 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 once cotyledons have opened.

**Plug grow time:** 4–5 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 plugs 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 the 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 10–30 ppm, or A-Rest® at 5–10 ppm.

**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 applied without delaying flowering. Practice a good wet/dry moisture cycle but avoid extremes of wet and dry. Salvias are sensitive to high salts, 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

**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.

**Common pests:** Aphids, Thrips, Spider mites, Leafminers, Whiteflies

**Common diseases:** Botrytis, Alternaria Leaf Spot, Corynespora leaf spot and rust

### Scheduling

Size	Crop Time	Plants Per Pot
Packs	5–6 weeks	1 ppp
Large Packs	5–6 weeks	1 ppp
1.0 pint (4 inch)	5–7 weeks	1 ppp
1.0 quart (4.5 to 5 inch)	6–7 weeks	1–2 ppp
1.25 to 2.5 quart (5.5 to 6.5 inch, trade gallon)	6–7 weeks	2–3 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 pack

Weeks From Transplant	Description
3 weeks	If needed to control height, spray with B-Nine® WSG at 2,500 ppm, Bonzi® at 10–30 ppm or A-Rest® at 5–10 ppm
5 weeks	Ready to ship



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