THINKPLANTS™

Scent™ Blue Imp.

English Lavender Scent™

syngenta flowers

Culture Guide

Botanical name: *Lavandula angustifolia*
Product form: Seed
Containers: Quarts, Gallons
Habit: Mounded
Vernalization: Not Required (First Year Flowering)

Garden Specifications

Garden Height: 12–16" (30–40 cm) tall
Garden Width: 6–8" (15–20 cm) wide
Exposure: Full sun
USDA zone: 5–9
Product use: Packs, Containers, Combos

Germination

Stages 1 & 2
Germination time: 5–6 days
Media temp: 68–72 °F (20–22 °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: 2–3 seed per cell Primed Seed

Young Plant Production

Stages 3 & 4
Temperature
Day: 66–68 °F (19–20 °C)
Night: 64–66 °F (18–19 °C)
Average daily temperature: 65 °F (19 °C)
Lighting
Day extension lighting: Not necessary
Light intensity: 1,000–1,200 foot candles (200–250 micro mols) for the first two weeks after sowing or until root development occurs. Light levels can be increased up to 3,000 foot candles (600 micro mols) as rooting increases and the seedling matures.
Day length response: Facultative long day
Daily light integral: 12–14 mols/day
Media pH: 5.8–6.2
Media EC: SME 0.5 to 0.75 mS/cm

Scent™ White Early

Fertilizer: 50–75 ppm N
Moisture level: Media should be allowed to dry between irrigations. Alternate between moisture level 2 and 3.
2 - MEDIUM: Soil is light brown in color, no water can be extracted from soil, and soil will crumble apart.
3 - MOIST: Soil is brown in color, strongly squeezing the soil will extract a few drops of water, and trays are light with no visible bend.
Pinching: Yes. Pinch 7–12 days before transplant.
Plant growth regulators (PGRs): Not necessary
Plug grow time: 9–10 weeks in a 288-cell tray
Comments: Use primed seed to improve germination uniformity and overcome any dormancy issues. Grow plugs at less than 13.5 hours of day length to avoid evenly flower initiation.

Bulking and Vernalization

Vernalization: Not Required (First Year Flowering)

Finishing

Temperature
Day: 72–74 °F (22–23 °C)
Night: 62–64 °F (17–18 °C)
Average daily temperature: 70 °F (21 °C)
Lighting
Day extension lighting: Necessary to 14 hours
Light intensity: 6,000–8,000 foot candles
Day length response: Facultative long day
Daily light integral: 14–16 mols/day

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Scent™
Early Blue and White Mix

Transplanting: Transplant directly into the finished container. Place the rooting media slightly above the level of media in the container. Make sure that the root ball is covered and that the plug is situated in the center of the pot.
Media pH: 5.8–6.2
Media EC: SME EC: 1.5–2.1 mS/cm, PourThru EC: 2.3–3.2 mS/cm
Fertilizer: 75–125 ppm N
Pinching: Yes. If applicable, pinch 14 days after transplant.
Plant growth regulators (PGRs): If needed use either, B-Nine® WSG spray at 2,500 ppm, or Bonzi® spray at 10–15 ppm.

CHRYSAL ALESCO® 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 3.
2 - MEDIUM: Soil is light brown in color, no water can be extracted from soil, and soil will crumble apart.
3 - MOIST: Soil is brown in color, strongly squeezing the soil will extract a few drops of water, and trays are light with no visible bend.
Common pests: Aphids, Whiteflies
Common diseases: Phytophthora, Pythium, Fungal leaf spot

Scheduling

Size	Crop Time	Plants Per Pot
Large Packs	8–9 weeks	6 ppp
1.0 quart (4.5 to 5 inch)	8–9 weeks	1–2 ppp
1.25 to 2.5 quart (5.5 to 6.5 inch, trade gallon)	9–10 weeks	3 ppp
3.0 quart to 2.0 gallon (7.5 to 10 inch)	10–11 weeks	3–4 ppp

Estimated finish crop time is from transplant of a 288-cell tray and finished at an average daily temperature (ADT) of 70 °F (21 °C).

Example crop schedule for a 2.5 quart

Weeks From Transplant	Description
1 week	Transplant
2 weeks	Pinch plants once established in finial container for best plant fill and habit
6 weeks	If needed use either, B-Nine® WSG spray at 2,500 ppm, or Bonzi® spray at 10–15 ppm
8 weeks	Finish

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SFL 2153A 09-2019