



Snaptini™ Mix Snapdragon

# Snaptini™ Dwarf Snapdragon Culture Guide

## *Antirrhinum majus*

- Best suited for high-density pack and small pot production for early spring market
- Nearly day-neutral promotes extra-early, uniform flowering
- Stronger plants withstand the rigors of shipping and handling

**Container size:** Packs, pints, quarts, gallons

**Habit:** Upright

## Garden Specifications

**Garden height:** 6–8"

**Garden width:** 8–10"

**Light:** Full sun

**USDA Hardiness Zone:** 9–11

**AHS Heat Zone:** 12–1

**Product use:** Beds, mass planting, containers, mixed combinations



Snaptini™ Sunglow Snapdragon

## Germination

**Germination time:** 3–4 days

**Media temperature:** 72–75 °F (22–24 °C)

**Chamber:** Optional

**Light:** Not required for germination

**Seed cover:** Light vermiculite

**Moisture level:** 4 (wet) day 1–5

**Recommended tray size:** 288-cell tray

**Seeds per cell:** 1

## Young Plant Production

### TEMPERATURE:

**Day:** 64–68 °F (18–20 °C)

**Night:** 64–68 °F (18–20 °C)

### LIGHTING:

**Recommended day length:** At least 10.5 hours

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

**Day length response:** Facultative long day

**Daily light integral:** Greater than 10 mols/day

**Media pH:** 5.4–5.8

**Media EC:** 0.5–1.0 mS/cm (saturated media extract)

**Fertilizer:** 50–100 ppm nitrogen

**Pinching:** No

**Plant growth regulators (PGRs):** If needed, spray B-Nine® (daminozide) PGR at 2,500–3,500 ppm or Bonzi® (paclobutrazol) at 5–10 ppm to tone plugs. Also responds to sprays of A-Rest® (ancymidol), Sumagic® (uniconazole), or B-Nine + Cycocel® (chlormequat chloride) tank mix.

**Plug grow time:** 5–6 weeks for a 288-cell tray

**Tech tips:** High pH levels may promote iron deficiency causing chlorotic young leaves. High EC levels can cause shoot tip abortion. Reduce temperature to 65–68 °F (18–20 °C) after cotyledon expansion.

## Finishing

### TEMPERATURE:

**Day:** 60–70 °F (16–21 °C)

**Night:** 50–55 °F (10–13 °C)

**Average daily temperature:** 60–65 °F (16–18 °C)

### LIGHTING:

**Recommended day length:** At least 10.5 hours

**Light intensity:** Greater than 4,500 foot candles (900 micro mols)

**Day length response:** Facultative long day. Snaptini snapdragon will flower under day lengths as short as 10.5 hours without any crop time delay.

**Daily light integral:** Greater than 15 mols/day

**Media pH:** 5.4–5.8

**Media EC:** 1.0–1.5 mS/cm (saturated media extract)

**Fertilizer:** 150–200 ppm nitrogen

**Pinching:** No

**Plant growth regulators (PGRs):** If needed, spray B-Nine (daminozide) at 1,500–2,500 ppm, Bonzi (paclobutrazol) at 5–10 ppm, or Sumagic (uniconazole) at 2.5–5 ppm. Bonzi can be drenched at 1–2 ppm. Do not apply Bonzi after visible bud stage to prevent clubby flowers.

**Pests:** Aphids, fungus gnats, thrips, spider mites

**Diseases:** Rust, powdery mildew, downy mildew, *Botrytis*, *Pythium*, INSV

## Scheduling

Container size	Crop time after transplant (wks)	Plants per pot
Packs	5–6	1
1.0 pint	5–6	1
1.0 quart	6–7	1–2
1.25 to 2.5 quart	6–7	3

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 1-QUART POTS

**Day 1:** Sow into 288 or similar plug tray.

**Week 2:** Lower temperature to 64–68 °F (18–20 °C) once cotyledons have expanded.

**Week 4:** PGR spray of B-Nine or Bonzi to tone plugs.

**Week 6:** Transplant 1–2 plugs per pot for quart pots and finish at 65 °F (18 °C) ADT.

**Week 9:** PGR spray of B-Nine or Bonzi if needed.

**Week 12–13:** Finish



Snaptini™ Peach Snapdragon

syngenta flowers

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