

# Antirrhinum Candy Showers – Spring Production

## Plug Culture (4 weeks)

<b>Plug Tray:</b>	288 plug tray
<b>Seed:</b>	Multi-pellets, one pellet per cell
<b>Media:</b>	Well-drained, pH 5.5 – 5.8, EC <0.5 mmhos
<b>Moisture:</b>	Sufficient moisture to melt the pellet
<b>Temperature:</b>	Germinate at 65°F/18°C and then maintain 65–68°F / 18-20°C
<b>Fertilizer:</b>	After cotyledons are present, apply 50-75 ppm N and then increase to 75-100 ppm N when first true leaves appear. Use a well-balanced Cal/Mag formulation. Target an EC at 0.75-1.0 mmhos (2:1 slurry).
<b>Light:</b>	1,500-2,000 foot candles / 16,000-22,000 lux. Supplemental light, up to 16 hours, is beneficial in low light areas.
<b>PGR:</b>	If needed, a foliar spray of A-Rest (ancymidol) at 4 ppm will tone the plugs

## Finishing

<b>Media:</b>	Sterile and well-drained, pH 5.5– 5.8, EC <1.0 mmhos
<b>Temperature:</b>	Establish at 60-65°F/16-18°C during the day and 60°F/16°C at night. Once established, the temperature may be reduced to 50-55°F/10-13°C.
<b>Fertilizer:</b>	Maintain the media EC between 1.0 to 1.5 mmhos (1:2 slurry) by applying 150-200 ppm of nitrogen as needed from a well-balanced calcium nitrate based formulation. The use of cal/mag formulations like 15-5-15 work well to supply adequate amounts of magnesium. Avoid high rates of ammonium, especially at low temperatures, which promotes softer growth and stretched plants. High pH (>6.5) results in iron chlorosis.
<b>Flower initiation:</b>	Candy Showers become receptive to flower bud initiation at 5 pairs of true leaves. To promote sufficient vegetative growth in the final container, transplant when plugs have around 2 leaf pairs. A photoperiod of 10.5 + hours is necessary to initiate and develop flowers. However, a longer photoperiod promotes greater flowering.
<b>Light:</b>	Target 3,500 – 5,000 f.c. Candy Showers is a facultative long day plant. Providing long days (>14 hours) along with supplemental lighting, up to 2,500 foot candles/ 27,000 lux, will hasten development and flowering.
<b>PGR:</b>	Candy Showers has a branching habit that should not require chemical growth regulation if grown with high light and optimum temperatures.
<b>Disease:</b>	Botrytis, Phytophthora, Pythium
<b>Insects:</b>	Fungus gnat, Spider Mite, Thrip

## Crop Scheduling:

Container	Plants per pot*	Weeks from transplant**
4 inch/10 cm.	1 multi-plug	5-6weeks
1 Quart/12 cm.	1 multi-plug	6-7 weeks
6 inch/15 cm.	1multi-plugs	7-8 weeks
10 inch/25 cm.	3multi-plugs	8-10 weeks
12 inch/30 cm.	4 multi-plugs	9-11 weeks

\*multi-pellet with 4-5 seeds

\*\* depending on day length and temperature