

## Snapdragon Rocket F<sub>1</sub> Series

(*Antirrhinum majus*)

Cut Flowers Culture (revised 10/24/19)

**Plug crop time:** 5 to 6 weeks

**Transplant to finish:** 13 to 16 weeks as a cut or garden flower

- Vigorous, heat-tolerant plants reach a uniform height and are topped by excellent-quality, closely set blooms.
- Flowers well under long days.
- Useful as both a landscape series and as a garden cut flower.
- Suitable for commercial greenhouse or field-grown cut flower production.
- Group 3-4 flowering snapdragon.

### General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Early Spring, Spring, Autumn	30-36 in. (76-91 cm)	16-18 in. (41-46 cm)	14-18 in. (36-46 cm)

### Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days to Germinate	Initial Media pH/EC	Cover Seed
RAW	406	1	5-6	4-8	5.5-6.0 pH 0.75 mmhos/cm	Light cover

### Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
<b>Moisture</b>	Level 4	Level 3-4	Level 3-4	Level 3
<b>Temperature</b>	65-68°F (18-20°C)			
<b>Light</b>	2,500 f.c. (26,900 Lux)		2,500 f.c. (26,900 Lux)	5,000 f.c. (53,800 Lux)
<b>Fertilizer</b>	Less than 100 ppm N - Less than 0.7 EC		100 to 175 ppm N - 0.7 to 1.2 EC	100 to 175 ppm N - 0.7 to 1.2 EC

### Propagation Key Tips

Bronze, Golden, Pink, Red and Rose Shades will germinate best with light. Avoid high media pH (>6.5), as this can cause iron and boron deficiency. Tip abortion of the seedlings can be caused by Boron deficiency, high EC and excessive moisture accumulation on the growing tip, followed by poor air circulation. Incorporate a preventative fungicide program for Downy Mildew control.

### Growing on to Finish

Growing on Temperature	Target Media pH/EC	Fertilizer	Daylength
<b>Before flower development:</b> (day) 65-80°F (18-27°C) (night) 55-60°F (13-16°C)	5.8-6.2 pH 1.5-2.0 mmhos/cm	175 to 225 ppm N - 1.2 to 1.5 EC	-

### Crop Scheduling

Crop Type	Season	Density	Crop Time
-	Spring	3-4 plants/ft <sup>2</sup> (32-43 plants/m <sup>2</sup> )	13-16 weeks

## Fertilizer Notation

Phosphorus and calcium are usually incorporated into the growing medium prior to planting, and the other nutrients are supplied with a soluble fertilizer during growth. Super phosphate incorporated at 5 pounds/100 ft.<sup>2</sup> (2 grams/m<sup>2</sup>) should supply sufficient phosphorus. If soil tests show calcium is low, incorporate limestone (if the pH is low), or gypsum (if pH is acceptable), both at 5 pounds/100 ft.<sup>2</sup> (250 grams/m<sup>2</sup>).

Irrigate with clear water after transplanting. Begin fertilizing at the second watering.

Use a low ammonium fertilizer at 150 to 200 ppm. Use constant fertilization, with an occasional clear-water leaching.

High moisture or fertility levels will cause excessive side shoots.

## Common Problems

Insects: Aphids, Thrips Diseases: Downy Mildew, Botrytis, Rust, Powdery Mildew Other: High media pH, Iron or Boron deficiency, excessive side shoots

## Finishing Key Tips

Versatile snapdragon can be used as both a landscape series and as a field-grown cut flower. Makes an excellent quality Group 3,4 Spring and Summer-flowering landscape snapdragon. Group 3: Night: 55 to 60°F (13 to 16°C), Day: 60 to 65°F (16 to 18°C). 2,500 to 4,500 foot-candles. Group 4: Night: >60°F (>16°C), Day: >65°F (>18°C). 3,000 to 5,000 foot-candles.

NOTE: Growers should use the information presented here as guidelines only. PanAmerican Seed recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility of the grower to confirm the treatment is available in their region as well as read and follow all the current label directions relating to the products. Nothing herein shall be deemed a warranty or guaranty by PanAmerican Seed of any products listed herein. PanAmerican Seed's terms and conditions of sale shall apply to all products listed herein.

## Variety Pictures

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Bronze



Cherry



Golden



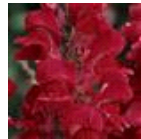
Lemon



Orchid



Pink



Red



Rose Shades



White



Mixture

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