

Snapdragon Potomac Series



- Suitable for bouquets, solid bunches and makes great flower arrangements

- Suitable for cut flower greenhouse or field production

Potomac series produces tall, strong, sturdy and clean stems, as well as long and well-defined spikes with good flower quality. Well-suited for solid bunches and bouquets. Outstanding colours and flower quality plus shatter resistance makes Potomac ideal for production during periods of high light, long days and warm temperatures (Group 3, 4). Can be grown year round.



- A Appleblossom (3, 4):** Rose and white bicolor is a unique, appealing colour with tall stems.
- B Cherry Rose (3, 4):** Unique colour is a darker and more intense cherry than Potomac Rose with very plump buds on medium-long spikes and extra-sturdy stems
- C Dark Orange (3, 4):** Deep orange bronze is darker than Orange. Features spikes with a long taper and excellent stems
- D Ivory White (3, 4):** Ivory with a light yellow splash on the nose of the flower. Perfect colour for weddings. Features tightly spaced, large, spike and husky stems. Best white for high light, warm nights

- E Light Rose (3, 4):** Medium pink with hefty stems has consistent spike quality and good stem length
- F Orange (3, 4):** Coral orange with medium length spikes and large, broad florets has dependably, sturdy, clean stems
- F Pink (3, 4):** Very dependable tall variety with clean, sturdy stems and well-formed spikes
- G Plumblossom (3, 4):** Bicolour, white with purple nose has wide spikes with large, outward facing flowers with heavily budded taper and hefty stems. Can be harvested later than Appleblossom
- H Red (3, 4):** Velvet red colour has medium long spikes

Rose (3, 4): Rich, deep rose colour has well proportioned, shatter-resistant spikes with exceptionally clean stems

Royal (3, 4): Purple with medium-length, well budded spikes and tall, sturdy stems. Timing similar to Pink

Soft Yellow (3): Light pastel yellow with medium-length, open spikes is an Easter favorite

I White (3, 4): Medium-long, well-budded spikes look elegant and sharp

I Yellow (3, 4): Bright yellow with long, shatter resistant spikes and tall, impressive stems

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Cultural Information

Antirrhinum majus

Crop time: From planting 9 to 12 weeks.

Planting Density: 100 plants/sq-m.net or 10 plants/sq-ft.

Pre-planting:

- **Soil:** Well surfaced, loose soil with no clusters; at least 25 cm (10 in.) deep.

- **pH:** 5.0 to 6.0.

- **Netting:** 2 Levels.

Flowering groups

Snapdragons are grouped based on the response of the varieties to night time temperatures, light intensity and day length.

Temperatures

Group 1:

Night -45-50°F (7-10°C), Day – 50-55°F (10-13°C).

Group 2:

Night -50-55°F (10-13°C), Day – 55-60°F (13-16°C).

Group 3:

Night -55-60°F (13-16°C), Day – 60-65°F (16-18°C).

Group 4:

Night temperature above 60°F (>16°C), Day >65°F (>18°C), generally , the lower temperatures in the ranges give the best quality, but at the expense of a longer crop time.

Light

Group 1: low light night 1,000 to 1,500 foot-candles.

Group 2 : moderate light 1,500 to 3,000 foot candles.

Group 3: moderate to high light 2,500 to 4,500 foot candles.

Group 4: high light 3,000 to 5,000 foot candles.

Irrigation & fertilization

Begin production with overhead irrigation. Then switch to drip irrigation 1 week following transplant.

Excessive side shoots are an indication of high moisture or fertilization levels.

Feed at 100-150 ppm N:P:K.

- **EC:** 1.0 to 1.75.

Harvest

Harvest stage should be 40% to 50% aperture.

Premature harvesting leads to poor colour development and reduced flower size as flowers continue to open.

Post harvest

Place the flowers immediately after cutting in a solution to prevent ethylene damage (shattering) such as STS for 4 hours. Remove foliage on the third part of the stem, grade & bunch.

Storage

Snapdragons should be stored and shipped upright to prevent curvature of the spikes.

Pruning

No, the plant is eradicated after harvest.

Diseases & Insects

- *Botrytis cinerea*
- *Leaf Miner*
- *Thrips sp*
- *Aphids*
- *Mildew*
- *Rust*