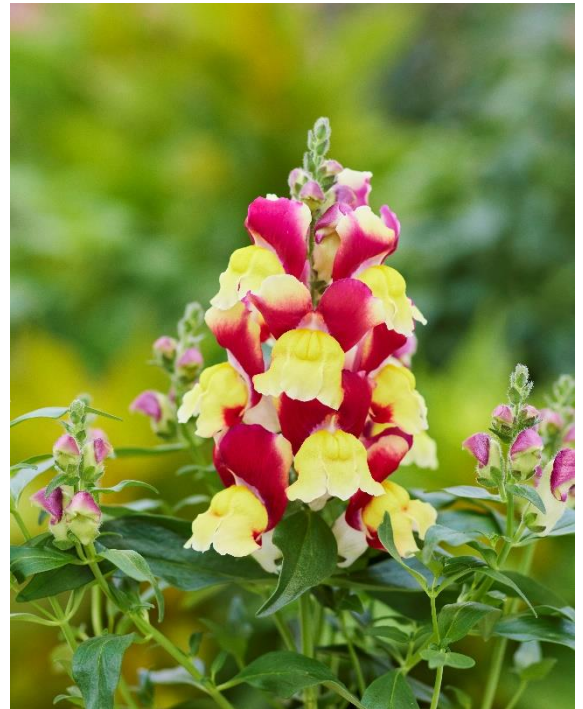


Antirrhinum (Snapdragon) majus F1 Snappy

Life cycle	Hardy Annual
Family / Origin	Scrophulariaceae / Mediterranean
Popular uses	Garden landscape and mixed containers, season extender, will take frost and short duration freezes
Mature plant height	20-25 cm (8-10")
Mature plant width	30 cm (12")
Pot size	Packs, 10-15 cm (4-6")
Plants per pot	1 per cell or 10 cm (4") pot 3 plants per 15 cm (6") or larger
Sun exposure	Full sun
Water requirements	Moderate
Flowering time	Spring thru hard freeze
Media	Media with good aeration, drainage and water holding capacity Snappy series prefers a medium that will dry regularly between waterings pH 5.5-5.8 EC 1.0-1.5 (150-225 ppm N)
Growing temperature	Temperature for active growth 15°C (59°F) at night 16-18°C (61-64°F) at day time
Light	Snappy perform best under moderate to high light levels Plants will stretch and flowering will be delayed under low light conditions
Fertilizer needs	Balanced N:P:K fertilizer as needed EC 1.5-2.0 (225-300 ppm N)
Crop time	11-13 weeks
Hardiness zone	Z 6-9



Description

Early flowering, strong branching plant habit and full closely spaced flower spikes makes this series excellent for beds and borders

Growth regulators

Antirrhinum responds to: Daminozide (Dazide, B-nine), Chlormequat (Cycocel) and Paclobutrazol (Bonzi)

Common Diseases

Botrytis Blight, Rhizoctonia, Rust, Pythium, Powdery and Downy Mildew

Common Pests

Spider Mites, Thrips, Aphids and Whitefly

Pinching

No need

Plug Production

Seed forms	Raw
Seed count	6.200 – 6.500 seeds/gram (176.000 – 184.000 seeds/oz); varies by lot!
Recommended plug size	480-288
Seeds cell	1
Vermiculite cover	no
Stage 1 Germination	Media pH 5.5 to 5.8 Fertilizers: EC 0.5-1.0 (75-150 ppm N) Growing medium temperature: 18-22°C (64-72°F) Radicle emerge will occur in 3-4 days Keep media wet Covering with a light layer of vermiculite will help to maintain moisture level Antirrhinum is very susceptible to high salt levels in all stages
Stage 2 Stem and cotyledon	Reduce moisture levels to obtain optimum root penetration and to prevent fungal diseases Prevent wet foliage after nightfall Temperature: 18-20°C (64-68°F) Fertilization: EC 0.7-1.2 (105-180 ppm N) Extending day-length to 14 hours with 4.500-10.000 lux (418-929 fc) promotes early flowering
Stage 3 Growth and development	Temperature days 18°C (64°F) EC 1.2-1.5 (180-225 ppm N) Allow media to dry between watering Wet, cold and low light conditions may result in tip abortion
Stage 4 Ready for transplanting	Temperature can be dropped to 16-18°C (61-64°F) Lower temperatures and wet conditions may result in poor growth and leaf chlorosis Allow media to dry between watering but avoid wilting Fertilizers: EC 1.2-1.5 (180-225 ppm N)
Plug crop time	5-6 weeks
Approximate finish time	6-7 weeks
Special tips	Antirrhinum has a very sensitive root system. Prevent overwatering and cold media - above 15°C (59°F) Do not allow plants to wilt severely Cold and wet conditions will result in slow development combined with root problems and slow uptake of nutrients, followed by chlorosis of the leaves Using ammonium-based fertilizers may result in thin, elongated roots that are more susceptible to soil-borne fungi