

Antirrhinum

Plant type:	Perennial but treated as half hardy annual
Uses:	Bedding plant, patio containers, packs and pots
Plant height:	Appeal: 15 - 20cm. Sonnet: 60 - 76cm Candelabra™: 15cm (40cm spread/trail)
Sowing:	November - May. Mid-January for bedding sales. 15 - 20°C. Do not cover with Vermiculite. Germination in 2 - 3 weeks. Light needed for germination.

Approximate crop timing (mid season)

Sonnet:		Appeal:	
Sowing to transplanting	4 - 5 weeks	Sowing to flowering	12 - 14 weeks
Sowing to flowering	14 - 15 weeks	Seedling to flowering	9 - 10 weeks
Seedling to flowering	10 - 11 weeks	Ball 350 to flowering	5 - 6 weeks
Seedling to flowering	8 - 9 weeks	Ball 230 to flowering	4 - 5 weeks
Ball 350 to flowering	7 - 8 weeks		
Ball 230 to flowering	6 - 7 weeks		

Growing on:

Temperature	16 - 18°C day initially, 15°C night dropping to 10°C minimum night after establishment.
pH	5.8 - 6.5
Feeding	Balanced fertiliser at 200 ppm Nitrogen as needed. Plants are sensitive to high EC concentration levels.
Growth regulation	Only if necessary.
Pack/Pot size	Transplant seedlings into a small cell before potting on. Appeal: Packs, 9 - 10 cm pots or three plants to a larger pot. Sonnet: Packs (for 'green' plant sales) or 13cm (for 'colour' sales) Candelabra™: 10.5-12cm pots and baskets
Planting out spacing	15 - 20cm

Ball Colegrave cultural information is issued as a guide to growers, based on our own trials experience. It is not intended as a blueprint for growing. Any chemicals referred to should be used only in accordance with the manufacturer's instructions.

Culture Information

Advice	A pre-sowing fungicide drench would be recommended prior to sowing. Compost should be allowed to dry between watering without excessive plant wilting. Water early in the day, plants should not be left wet overnight - distorted growth can result. Strict hygiene is important throughout the crop. Supplementary lighting is useful for early sowings.
Common diseases	Antirrhinum Rust is a serious disease – dark brown spots on underside of leaves. Severely affected leaves shrivel and die. A fungicide spray program is needed. Pythium - rotting roots and chlorotic plants at any stage. Rhizoctonia - basal stem rot, red/brown in colour generally at seedling stage. Botrytis - Grey Mould attacks damaged plants in high humidity poor ventilated conditions. Other diseases to look out for are Downy Mildew.

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