

# Calceolaria (Outdoor)

Plant type:	Perennial but treat as an annual
Uses:	Bedding and containers
Plant height:	25 -30cm
Sowing:	Sow January through to April. 15°C. Do not cover with Vermiculite. Germination 2 - 3 weeks. A low temperature and light are essential for good germination.
Approximate crop timing (mid season)	
Sowing to transplanting	4 - 5 weeks in small units to be potted on 4 - 5 weeks later into the final container or at 6 - 8 weeks straight into the final container.
Sowing to flowering	16-18 weeks
Seedling to flowering	11-12 weeks
Ball 230 to flowering	8-10 weeks
<b>Growing on:</b>	
Temperature	Maintain a temperature of 18°C for a few days after transplanting until established. Lower to 12-15°C.
pH	5.8 - 6.5
Feeding	Plants need to be kept just moist and fed with a low 1:1:1 or 1:0:1 feed once established.
Growth regulation	Apply if needed.
Pot size	9 -10.5cm
Planting out	20cm
Advice	Overwatering, poor drainage or high nutrient levels can result in leaf chlorosis or scorching.
Common pests and diseases	Botrytis can cause crown rot especially in poor ventilation. Outdoors Aphids and Slugs can cause problems.

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.