

Culture Information

Cosmos Sonata

Plant type:	Annual
Uses:	Pot, patio and garden plant
Plant height:	70cm
Sowing:	Sow January through to April for May to July flowering plant sales. 19-21°C. Cover with medium Vermiculite. Germination in 1 week.
Approximate crop timing (mid season)	
Sowing to transplanting	3-4 weeks
Sowing to flowering	10-12 weeks. Cosmos flower faster under short days.
Ball 104 to flowering	4-6 weeks
Ball 230	6-8weeks
Growing on:	
Temperature	Grow on at 21-26°C day temperature and 21-24°C night temperature
pH	5.5-6.0
Feeding	Use a regular background 1:1:1 NPK feed changing to a 1:1:2 high K feed at bud development.
Growth regulation	Grow without excessive watering to maintain a more compact plant. Otherwise, Sonata would benefit from growth regulation to keep a short flowering plant for pot sales
Pot size	10-13cm
Planting out spacing	30-35cm
Advice	Day length sensitive. Light is needed for a minimum of 11 hours to prevent premature budding.
Common pests	Aphids

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.