

Zinnia

Plant type: Tender Annual

Uses: Container, landscape

Plant height: Magellan 30-35cm
Swizzle 25-30cm
Zahara 30-40cm
Zahara Doubles 40-50cm

Sowing:

Use a well- drained growing media with a pH of 5.5-5.8 and EC less than 0.75mmhos/cm.

Germination takes approximately 2-3 days.

It is important to cover seed with a medium grade of vermiculite at sowing.

Germination temperature should be maintained at 20-22°C

Relative humidity (RH) should be set between 95-97% until cotyledons emerge.

Grow on at 21-24°C days and 16-18°C nights.

Light can be applied at 26,900 lux to encourage young growth.

It is important to keep the growing media at a medium wet level to avoid any unnecessary seedling stress.

Approximate cropping Times:

Sowing to transplanting: 4-5 Weeks

Sowing to flowering: 10-12 Weeks

Ball 104 to flowering: 7-9 Weeks

Ball 230 to flowering: 8-10 Weeks

Growing on:

When transplanting into the appropriate sized container use a well-drained media with a pH 5.5-6.2.

Grow on at 16-18°C nights and 18-21°C day. It is good practice to keep light levels as high as possible while maintaining applicable temperatures. When transplanting into 10cm or similar size container use a well-drained media with a pH of 5.5-6.2 grow on at 18-21°C days and 16-18°C nights. It is good practice to keep light levels as high as possible while maintain appropriate temperatures.

Feeding:

It is important to maintain optimal media moisture (not to wet or too dry). Start a feeding program a week after transplanting plugs, apply fertilizer at a rate of 175 - 255ppm N/1.5mS/cm using a predominantly nitrate form fertilizer with a low phosphorous. If required alternate feeding with a balanced ammonium and nitrate from fertilizer to promote good growth.

Ec should be maintained at 1.5-2.00mS/cm with a pH of 5.8-6.2 to provide optimum growth.

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

Growth regulation:

Daminozide can be applied as a foliar spray to control plant growth if the crop needs it.

Pack/Pot size: Jumbo Packs and 10-13cm pots

Common diseases:

Avoid high humidity and condensation in the glass house, as these conditions promote the spread of botrytis, powdery mildew and bacterial leaf spot.

Common Insects:

Aphids, thrips and lead miners.

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