

Flower Seed Quick Reference Guide

Days to germination are approximate at the optimum temperatures, higher or lower temperatures may effect germination times as does other varying factors. We don't advise times of year because there are varying climates throughout Australia and the rest of the world. The temperatures noted can be used as a guide as the time of year when sowing outside or any time of the year can be used in controlled conditions.

Genus	Common Name	Optimum Germination Temp	Days to Germination	Sowing Instructions
Achillea	<i>Yarrow</i>	18-24 °C	7-14 days	Surface sow gently firm and cover approximately with 3-4 mm of growing media. Keep warm and moist.
Agapanthus	<i>African Bluebell</i>	21-25°C	21-42 days	Surface sow and gently firm and cover lightly. Keep warm and moist. Humidity is beneficial to germination
Ageratum	<i>Mexiacn Ageratum</i>	18-24 °C	7-10 days	Surface sow and gently firm, do not cover, requires light for germination, Keep warm and moist.
Alcea	<i>Hollyhock</i>	18-21 °C	7-10 days	Surface sow and gently firm, do not cover, requires light for germination, Keep warm and moist.
Allamanda	<i>Golden trumpet</i>	22-28 °C	7-21 days	Surface sow and gently firm, do not cover, requires light for germination, Keep warm and moist. Can be slow to germinate.
Alyssum	<i>Alyssum</i>	12-24 °C	7-14 days	Surface sow and gently firm, do not cover, requires light for germination, Keep warm and moist.
Amaranthus	<i>Ameranth</i>	24-28°C	10-15 days	Surface sow and gently firm and cover with 3 mm of growing media.. Keep warm and moist.
Ammi Majus	<i>Laceflower</i>	18-24 °C	7-21 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Anchusa	<i>Cape Primrose</i>	21-25°C	5-10 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Antirrhinum	<i>Snapdragon</i>	18-24 °C	7-14 days	Surface sow and gently firm, do not cover, requires light for germination, Keep warm and moist.
Aquilegia	<i>Aquilegia</i>	18-22 °C	21-42 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist. Hot climates; Moisten seed and store in fridge 3 weeks prior to sowing.
Arctotis	<i>Afican Daisy</i>	15-21 °C	21-35 days	Surface sow and gently firm, cover lightly with growing media, Keep moist.

Aster	<i>Aster</i>	18-21 °C	7-10 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Atriplex	<i>Atriplex</i>	14-21 °C	14-21 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Bellis	<i>English Daisy</i>	21 °C	10-15 days	Germinates when during day 21 °C with cooler nights. Surface sow and gently firm, do not cover, requires light for germination, Keep warm and moist.
Brachyscome	<i>Swan River Daisy</i>	15-20 °C	7-14 days	Surface sow and gently firm, do not cover, requires light for germination, Keep warm and moist.
Calendula	<i>Calendula</i>	18-22 °C	7-10 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Campanula	<i>Bell flower</i>	21-25°C	14-28 days	Surface sow and gently firm, do not cover, requires light for germination, Keep warm and moist.
Celosia	<i>Cockscomb</i>	21-25°C	7-10 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Centaurea	<i>Centaures / Cornflower</i>	18-21 °C	7-14 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Cerithe	<i>Honeywort</i>	15-18 °C	7-14 days	Surface sow and gently firm, cover lightly with growing media, Keep moist.
Cheiranthus	<i>Wallflower</i>	18-22 °C	7-10 days	Surface sow and gently firm, cover lightly with growing media, Keep moist.
Chrysanthemums	<i>Chrysanthemums</i>	15-18 °C	10-14 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Clarkia	<i>Godetia</i>	18-22 °C	21-25°C	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Cleome	<i>Spider Flower</i>	21-26 °C	10-20 days	Requires oscillating temperatures with cooler nights. Sow on surface and firm gently, cover lightly. Keep warm in day cooler at night.
Clitoria ternatea	<i>Butterfly Pea</i>	21-25°C	7-28 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist. Germination can be irregular.
Coreopsis	<i>Tickseed</i>	21-25°C	7-14 days	Surface sow and gently firm, do not cover, requires light for germination, Keep warm and moist.
Cosmos	<i>Cosmos</i>	18-24 °C	7-10 days	Soak seed in cold water overnight. Cover 3 mm with growing media to exclude light. Keep warm and moist.

Cynoglossum	<i>Chinese Forget-me-not</i>	18-24 °C	10-30 days	Surface sow and gently firm, cover 3 mm with growing media, Keep warm and moist. Germination can be irregular.
Dahlia	<i>Dahlia</i>	15-20 °C	7-10 days	Germinates readily. Sow 3 mm deep. Keep warm and warm
Delphinium	<i>Larkspur</i>	21-25°C	7-14 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Dianthus	<i>Carnations</i>	15-20 °C	14-21 days	Surface sow gently firm, cover lightly with growing media, Keep warm and moist.
Dietes	<i>African Iris</i>	18-20 °C	30-60 days	Place in container and cover with just boiled water, let stand 24 hrs. Surface sow and firm gently, cover lightly (1 mm). Keep warm and moist but not wet.
Digitalis	<i>Foxgloves</i>	18-22 °C	21-40 days	Surface sow and gently firm, do not cover, requires light for germination, Keep warm and moist.
Dorotheanthus	<i>Livingstone daisy</i>	18-24 °C	7-21 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Echinacea	<i>Cornflower</i>	20-24 °C	10-21 days	Surface sow gently firm, cover lightly with growing media, Keep warm and moist.
Echinops	<i>Globe Thistles</i>	20-25°C	10-20 days	Surface sow gently firm, cover lightly with growing media, Keep warm and moist.
Eschscholzia	<i>California Poppy</i>	18-24 °C	10-20 days	Sow direct and cover lightly. Germinates readily. Keep moist until germination.
Gaillardia	<i>Gaillardia / Blanket flower</i>	21-25°C	15-20 days	Surface sow and cover lightly. Reduce temperature at night during germination. Keep moist
Gazania	<i>Gazania / Treasure flower</i>	15-18 °C	8-21 days	Surface sow and gently firm, cover 3 mm with growing media, Keep warm and moist. Germination can be irregular.
Geum	<i>Avens</i>	18-20 °C	30-60 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Gomphrena	<i>Globe amaranths</i>	21-25°C	7-14 days	Surface sow gently firm, cover lightly with growing media, Keep warm and moist.
Gypsophila	<i>Babies breath / Soapwort</i>	20-24 °C	7-18 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Helianthus	<i>Sunflower</i>	20-24 °C	7-14 days	Sow depth of seed and keep warm and moist. Seed can be soaked overnight in water prior to sowing but is not critical.

Helichrysum	<i>Strawflower / Paper daisy</i>	21-25 °C	7-10 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Iberis	<i>Candytuft</i>	20-28 °C	10-30 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist. Germination can be erratic.
Impatiens	<i>Busy Lizzie / Balsam/Impatiens</i>	18-24 °C	10-14 days	Surface sow and gently firm, do not cover, requires light for germination, Keep warm and moist.
Ipomoea	<i>Morning glory</i>	18-24 °C	7-14 days	Sow depth of seed and keep warm and moist. Seed can be soaked overnight in water prior to sowing but is not critical.
Kniphofia	<i>Pokers</i>	15-20 °C	7-14 days	Sow direct and cover very lightly. Keep moist until germination.
Lathyrus	<i>Sweet Pea</i>	18-20 °C	10-20 days	Soak overnight in warm water. Sow depth of seed and keep moist.
Lavatera	<i>Mallow</i>	18-24 °C	7-21 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Leucanthemum	<i>Shasta Daisy</i>	15-20 °C	10-14 days	Sow direct and cover very lightly. Keep moist until germination.
Limnanthes	<i>Meadowfoams</i>	18-24 °C	14-21 days	Sow direct and cover lightly. Keep moist until germination.
Limonium	<i>Statice</i>	18-24 °C	14-21 days	Sow direct and cover lightly. Keep moist until germination.
Linaria	<i>Toadflax</i>	15 °C	7-14 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Lobelia	<i>Lobelia</i>	18-24 °C	7-14 days	Surface sow gently firm, do not cover, requires light for germination, Keep moist.
Lupinus	<i>Lupin</i>	15 °C	15-30 days	Soak seed overnight and sow depth of seed. Keep moist during germination. Can be cold stratify 7 days in the refrigerator prior to sowing but is not critical.
Lychnis	<i>Catchfly</i>	18-24 °C	7-14 days	Surface sow and gently firm, do not cover, requires light for germination, Keep moist.
Malva	<i>Malva /Mallow</i>	18-24 °C	7-14 days	Sow depth of seed and keep warm and moist.
Matthiola	<i>Stock</i>	18-24 °C	7-14 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Mirabilis	<i>Four o'clocks</i>	18-20 °C	10 -14 days	Soak seed in cold water overnight. Cover 3 mm with growing media to exclude light. Keep warm and moist.

Moluccella	<i>Shellflower</i>	20 °C	10-20 days	Moisten seed and store in the fridge 2 weeks then transfer to around 20 °C Surface sow and gently firm, cover lightly. Keep warm and moist.
Monarda	<i>Bergamont</i>	15 °C	7-14 days	Surface sow gently firm, do not cover, requires light for germination, Keep warm and moist.
Myosotis	<i>Forget me not</i>	18-22 °C	7-21 days	Sow direct in spring, cover very lightly. Keep moist
Nemophila	<i>Baby Blue Eyes</i>	15-20 °C	7-21 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Nigella	<i>Love in the mist</i>	18-22 °C	7-14 days	Surface sow and gently firm, cover lightly with growing media, Keep moist.
Papaver	<i>Poppy</i>	14-16 °C	7-14 days	Surface sow and gently firm, cover lightly with growing media, Keep moist.
Penstemon	<i>Beardtongue</i>	12 °C	10-15 days	Surface sow and gently firm, cover lightly with growing media, Keep moist. In hot climates moisten seed and store in fridge 3 weeks prior to sowing.
Petunia	<i>Petunia</i>	20-24 °C	7-10 days	Surface sow and gently firm, do not cover, requires light for germination, Keep warm and moist.
Phacelia	<i>Scorpion weed</i>	14-16 °C	3-30 days	Surface sow and gently firm, cover lightly with growing media, Keep moist.
Phlox	<i>Phlox</i>	15-18 °C	7-14 days	Surface sow and gently firm, cover lightly with growing media, Keep moist.
Rhodanthe	<i>Paper Daisy</i>	18-22°C	10 -14 days	Sow direct and cover lightly. Germinates readily. Keep moist until germination.
Rudbeckia	<i>Coneflowers Black eyed Susan</i>	20-25°C	7-14 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Salvia	<i>Salvia / Sage</i>	20-24 °C	10 -14 days	Surface sow and gently firm, do not cover, requires light for germination, Keep warm and moist.
Saponaria	<i>Soapwort</i>	20-24 °C	10-21 days	Moisten seed and store in the fridge 2 weeks then transfer to around 20 °C Surface sow gently firm, cover lightly. Keep warm and moist.
Scabiosa	<i>Drumsticks</i>	20-24 °C	10-15 days	Surface sow gently firm, cover lightly with growing media, Keep warm and moist.
Schizanthus	<i>Butterfly flower / Poor-man's- orchid</i>	15-24 °C	7-14 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.

Tagetes	<i>Marigold</i>	22-24 °C	7-14 days	Push seed vertical into soil. Cover very lightly. Keep warm and moist
Tropaeolum	<i>Nasturtium</i>	18-20 °C	10 -14 days	Soak seed in cold water overnight. Cover 3-5 mm with growing media to exclude light. Keep warm and moist.
Verbena	<i>Verbena</i>	23-26 °C	5-21 days	Surface sow and gently firm, cover lightly with growing media, Keep warm and moist.
Viola	<i>Pansy</i>	22-24 °C	7-14 days	Surface sow gently firm, cover lightly with growing media, Keep warm and moist.
Xerochrysum	<i>Everlastings</i>	18-22°C	10 -14 days	Sow direct and cover lightly. Germinates readily. Keep moist until germination.
Zinnia	<i>Zinnia</i>	20 -24 °C	7-10 days	Surface sow and firm gently, Cover with lightly with growing media to exclude light. Keep warm and moist.