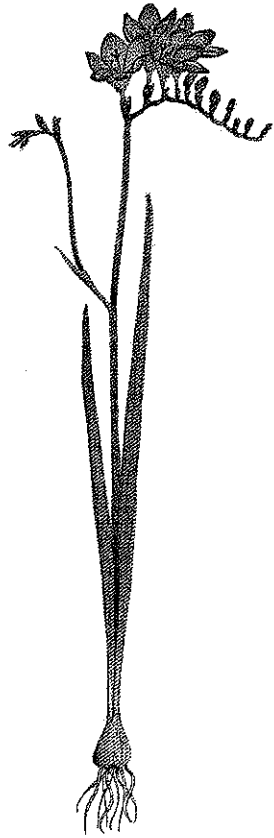


FREESIA



FREESIA

IRIDACEAE

FREESIA

PLANT

Freesia

FAMILY

Iridaceae

POSSIBLE APPLICATIONS

Variety	Cut Flower	Pot Plant	Garden Plant	Naturalizing
Freesia	++	+	++	--

GENERAL

- ▶ **plant habit**
 - height 50 - 120 cm
 - flower colour and shape white/yellow/cream/blue/red/pink, in single and double forms
 - leaf colour and shape lanceolate
 - inflorescence comb-shaped
- ▶ **original habitat** South Africa
- ▶ **climatic preference** temperate, warm
- ▶ **type of bulb** (perennial part of the plant) corm
- ▶ **winter hardiness** sensitive to frost
- ▶ **sizes available + flower production** 5 cm and up, 1-3 stalks per plant
- ▶ **period of availability** year round
- ▶ **method of storage** 25°C, dry and airy

CUT FLOWER CULTIVATION

GENERAL

degree of difficulty	normal for forcing into flower
varieties	broad assortment
disinfect soil before planting	Methylbromide, steaming
soil type	any, on condition that the soil is well-drained and allows for air circulation
fertilizing	moderate level
planting depth	5-8 cm
watering	dependent on light and size of plant
crop protection	aphids/thrips/bulb mites/beanseed fly/Fusarium/Botrytis
protection from frost	necessary
flower production	1 to 3 stalks/plant
cutting stage	first floret in the comb-shaped inflorescence is coloured
post harvest treatment	put in water immediately and store at 1 to 2°C

EARLY FORCING UNDER GLASS

GENERAL

degree of difficulty	difficult (under Dutch circumstances)
varieties	wide assortment
storage	25°C, dry and airy
planting period	April-August

FREESIA

planting density	80 corms per m ²
size of bulb	5 cm and up
glasshouse climate	soil temperature 14-17°C until and during bud formation (10-14 weeks after planting); glasshouse temperature between 6° and 18°C
flowering period	August - January

FIELD CULTIVATION

GENERAL

degree of difficulty	normal/difficult
varieties	broad assortment
planting period	March - April
planting density	120-150 corms per m ²
size of bulb	5 cm and up
flowering period	August - October
crop protection	aphids/thrips/Botrytis

LATE CULTIVATION UNDER GLASS

GENERAL

degree of difficulty	difficult
varieties	broad assortment
planting period	November - March
planting density	80 to 100 corms per m ²

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size of bulb	5 cm and up
glasshouse climate	soil temperature 14 - 17°C until and during bud formation (8-12 weeks after planting); glasshouse temperature between 6° and 18°C
flowering period	April - July

CULTIVATION IN POTS

GENERAL

degree of difficulty	difficult
varieties	broad assortment
storage	after 30°C, 6 to 7 weeks, 11-13°C
size of bulb	5 cm and up
watering	frequent
glasshouse climate	low temperature (8° to 12°C) and high light intensity
growth retardant	reducimol
crop protection	aphids/thrips/Botrytis
medium	airy - moist peat substrate
planting depth	2 to 3 cm
planting period	year round
number per pot	3-5 corms per pot
keeping quality	good, 3 to 4 weeks
location/destination	living room, in bowls or containers

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FREESIA

BEDDING AND GARDEN PLANTING

GENERAL

degree of difficulty	normal
varieties	broad assortment
type of soil, drainage	any, on condition that it has good structure
planting period	March - April
winter hardiness	must be kept in frost-free location
location	shade/half shade
planting depth	3-6 cm
planting density	80 to 100 corms per m ²
flowering period	± 4 to 5 months after planting

RECOMMENDED PLANT COMBINATIONS (MIXED PLANT BORDERS)

Examples of bedding and garden applications

Species	Border	Beds	Perennial Garden	Container	Naturalizing
Freesia	++	++	--	+	--

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