

perennial (HhP)
60 s/gr
Seed form



Freesia hybrida

Royal Crown series

CUT FLOWER CULTURE

culture greenhouse/open field

sowing method TP/DS

sowing season

mid spring (NL wk 16-17) or mid summer (NL wk 29)

germ temp. 17°C (62,6°F)

growing temp. 16-21°C (60-70°F)

plug crop time

8 weeks

crop duration

6-10 months

seed requirement

144 seeds/1 m²
(13 seeds/ft²) of greenhouse area

pests/diseases

Botrytis, aphids. Treat preventatively.

fertilization (f)

Moderate to normal requirement, low on N.

SOWING DETAILS

• Direct sowing (DS):
See cultivation tip below.

• Pre-sow and transplant (TP):
- Optimum sowing mix:
60% peat and 40% sand. Add 4 kg of Dolomite lime and 500 grams of compound fertilizer (15-15-15 + trace elements) to 1 m³ (cubic metre) of the soil mix.
- Sow 2,4 grams for 1 m² (13 seeds/ft²) greenhouse area in trays or benches of 15 cm deep. Do not pre-soak the seeds.
- Cover lightly with soil

days 0 - 14

(m) level 4 (drip irrigation and high humidity)

(t) 17°C (62,6°F) exactly!

weeks 3 to 8

(m) level 3 - 4

(t) 16-21°C (60-70°F)

(f) see above

Transplant before the third leaf pair has developed.

GROWING ON

soil/media

well-drained fertile, moisture holding soil

netting

Netting is advised.

pinching

Pinching is not needed.

plant density

Approx. 45 plants per m² (4 plants per ft²). Thin out where crowded.

moisture (m)

Drip irrigation is advised. Keep soil moist (level 4) for 6 weeks after planting. Then level 3-4. In autumn level 2-3. In winter level 1.

temperature (t)

day: 16-21°C (60-70°F). night: 7-13°C (45-55°F). Place under glass as from late summer (NL late August-early September). Avoid frost.

light (l)

High light requirement. Do not shade. Good air circulation is important.

CULTIVATION TIPS

• Direct sowing (DS):
Mix the required seeds for 1 bed (with some Brassicol powder) in 70% peat dust and 30% sand. Moisten well and cover with plastic. Keep temperature at exactly 17°C (62,6°F). Broadcast after 10-14 days when the seeds have formed a small root and sowing is still possible. Cover the sowing with 2 cm (0,4 in) of peat.

NOTE

- Sow mid spring for autumn greenhouse harvest (NL week 40-46). Sow until mid summer for harvest in spring (NL week 10-18). Freesia cannot stand frost.
- Flower buds start developing mid/late summer. When placed under glass the stems grow longer with the foliage.

HARVEST

Harvest with a side-branch. Postpone harvesting (early autumn) until a flower opens in order to have sufficient stem length.

moisture levels (m): 1 = dry 2 = normal to dry 3 = normal 4 = moist 5 = wet

This information is for general guidance only, and is in some cases specific for West European conditions. No guarantee is given for the result of the crop, nor is liability accepted for the consequences of applying the indications given.