

Calendula officinalis ***Gitana Fiesta Mix***

English Marigold, Pot Marigold

Culture guide

Uses:

Pot, border and mixed container

Exposure:

Sun

Garden height:

12" / 30 cm

Crop time:

9-10 weeks

Sow time:

End January-March for flowering in April-May,
July-August for flowering in February-April,
November-February for cut flower production in
greenhouse

Sowing method:

1-3 seeds per plug

Germination:

5-10 days at 70 °F (21 °C), cover seed lightly with
vermiculite after sowing.

Growing On:

Transplant plugs after 2-3 weeks. Grow on at
50-55 °F (10-13 °C). Calendulas are cool weather
plants that are best produced for spring or early
fall sales.

Media:

Use a well-drained, growing substrate with 10-30
% clay, 0-15 % parts (e.g. bark, sand, perlite),
1-1,5 kg /m³, complete balanced fertilizer.
Iron-chelate, micronutrients, pH 5.8-6.5.

Temperature:

Grow at 10-15°C (50-59 °F). Calendula does not
grow at temperatures below 8°C (46 °F). A cool
cultivation in early spring in polytunnel or cold
greenhouse is possible.

Fertilization:

High fertilization levels are required. Fertilize the
crop weekly with 100-200 ppm nitrogen (at 2
kg/m³ slow release fertilizer in substrate), using a
complete balanced fertilizer. Avoid high
ammonium and high nitrogen levels. High
nitrogen levels cause delay in flower initiation and
smooth stems. Prevent magnesium deficiency by
applying magnesium sulphate (0,025%) 1-2 times
and in case of iron deficiency apply Fe-Chelate
for 1-2 times.