

Growing Guide for Coleus Premium Sun Chocolate Covered Cherry Coleus Kong Empire (Solenostemon scutellariodes)

Stage 1 (Germination)

Sowing Media: Use a well-drained, disease-free, peat moss with a pH of 5.5 to 5.8
Sowing: Use 200 holes seedling tray. Cover the seeds with fine vermiculite
Germination: 4-5 days
Moisture: Keep peat moss wet (when wet, peat moss is dark brown color)
Note: Coleus is very sensitive to high salt (ammonium) during germination (Keep ammonium levels lower than 10 ppm)

Stage 2 (After Cotyledons Emerge)

Moisture: Allow peat moss to dry slightly (moisture level 3) to allow the roots to penetrate into the media before watering again (level 4)
Fertilizer: Fertilize at N: <100 ppm (EC: <0.7). Irrigate during daytime so foliage is dry by night to prevent diseases.

Stage 3

Moisture: Allow peat moss to dry slightly further (level 2) before watering again to allow root growth (level 4).
Fertilizer: Increase fertilizer to N: 100 – 175 ppm (EC: 0.7-1.2).

Stage 4 (After Transplanting Out From Sowing Tray)

Moisture: Same as Stage 3
Fertilizer: Same as Stage 3

Stage 5 (Growing On To Finish)

Media: Use a well-drained, disease-free, peat moss with pH 5.8-6.2 (EC 1.5-2.0 mmhos/cm)
Fertilizer: Apply weekly at 100 – 175 ppm N (EC: 0.7 – 1.2) as soon as plugs begin to root out.

Crop Scheduling

Sow to transplant (seedling tray 200 holes) : 5 - 6 weeks
Transplant to finish in 4"/4.5" Quart Pot : 4 - 5 weeks (1 plug/pot)
Transplant to finish in 5"/6"/1 Gallon Pot : 5 - 6 weeks (1 plug/pot)

Total crop time from sow to finish : 9 - 12 weeks

Common Problems

Insect: Aphids, mealy bugs, whiteflies

Disease: Alternaria, Botrytis, Verticillium

Maklumat Penanaman Untuk Coleus Premium Sun Chocolate Covered Cherry Coleus Kong Empire (Solenostemon scutellariodes)

Peringkat 1 (Percambahan)

Media Semaian: Gunakan peat moss bersaliran baik dan tidak berpenyakit dengan pH 5.5 - 5.8

Semaian: Gunakan dulang semaian 200 lubang. Litupi biji benih dengan lapisan nipis vermiculite

Percambahan: 4-5 hari

Kelembapan Media: Pastikan peat moss kekal lembap (apabila lembap, peat moss adalah berwarna coklat gelap)

Nota: Semasa percambahan, Coleus adalah amat sensitif terhadap tahap garam (ammonium) yang terlampau tinggi. Pastikan tahap ammonia berada pada tahap yang rendah (<10 ppm)

Peringkat 2 (Selepas Kemunculan Kotiledon)

Kelembapan Media: Biarkan peat moss mengering sedikit (Tahap 3) bagi membolehkan akar menembusi media sebelum menyiram semula (Tahap 4).

Baja: Gunakan baja N pada kadar <100 ppm (EC <0.7). Siram pada waktu pagi supaya daun akan kering pada waktu malam bagi mengelakkan penyakit.

Peringkat 3

Kelembapan Media: Biarkan peat moss mengering (Tahap 2) sebelum menyiram semula bagi menggalakkan pertumbuhan akar (Tahap 4).

Baja: Tingkatkan baja ke N: 100 – 175 ppm (EC < 0.7 – 1.2)

Peringkat 4 (Selepas Pemindahan Keluar Dari Dulang Semaian)

Kelembapan: Sama seperti Peringkat 3

Baja: Sama seperti Peringkat 3

Jadual Penanaman

Semaian sehingga pemindahan (dulang semaian 200 lubang) : 5 – 6 minggu

Pemindahan sehingga dewasa dalam pasu 4"/4.5" kuart : 4 - 5 minggu (1 tanaman/pasu)

Pemindahan sehingga dewasa dalam pasu 5"/6"/ 1 gelen : 5 - 6 minggu (1 tanaman/pasu)

Jumlah masa tanaman dari semaian sehingga dewasa: 9 - 12 minggu

Masalah Lazim

Serangga: Aphids, Mealy bugs, Lalat putih

Penyakit: Alternaria, Botritis, Verticilium