

Growing Guide For Pentas Graffiti | Graffiti 20/20

(Pentas lanceolata)

Stage 1 & 2 (Germination)

Germination: 7 - 10 days

Sowing Media: Use a well-drained, disease-free, peat moss with pH 6.5 – 7.2 (EC 0.75 mmhos/cm)

Sowing: Use 200 holes seedling tray, 1 seed per cell. Do not cover the seeds as light increases germination rate and improves seedling uniformity

Moisture: Keep peat moss very wet (when wet, peat moss is dark brown color)

Light: Not required for germination

Note: Water with warm water with a pH range of 6.5-7.2 to avoid shocking seedlings

Stage 3 & 4 (Young Plant Production)

Moisture: Media should be allowed to dry between irrigations. Alternate between moisture level 2 and 4.

Fertilizer: Apply 25 - 50 ppm N

Media: pH 6.5 – 7.2, EC: 1.0 – 1.2 mS/cm

Stage 5 (Growing On To Finish)

Media: Use a well-drained, disease-free, peat moss with pH above 6.5 (EC 1.0 – 1.2 mmhos/cm)

Fertilizer: Apply between 100 - 150 ppm N (EC : 0.7 – 1.2)

Moisture: Alternate between a level 4 and level 2. Allow soil to dry to a level 2 before irrigating up to a level 4

Crop Scheduling

Sow to transplant (seedling tray 200 holes) : 7 - 8 weeks

Transplant to finish in packs : 7 - 8 weeks (1 plug /pot)

Transplant to finish in 12 cm pot : 7 - 8 weeks (1 plug /pot)

Transplant to finish in 15 cm pot : 7 - 8 weeks (2 plugs /pot)

Total crop time from sow to finish : 14 - 16 weeks

Common Problems

Insects: Aphids, Thrips, White flies

Diseases: Pythium, Botrytis, Rhizoctonia

Maklumat Penanaman Untuk Pentas Graffiti | Graffiti 20/20 (Pentas lanceolata)

Peringkat 1 & 2 (Percambahan)

Percambahan: 7 - 10 hari

Media Semaian: Gunakan peat moss bersaliran baik dan tidak berpenyakit dengan pH 6.5-7.2 (EC 0.75 mmhos/cm)

Semaian: Gunakan dulang semaian 200 lubang, 1 biji benih/sel. Pastikan biji benih tidak terbenam kerana cahaya meningkatkan kadar percambahan dan meningkatkan keseragaman pertumbuhan anak benih

Kelembapan Media: Pastikan peat moss sederhana lembap (Apabila lembap, peat moss berwarna coklat gelap)

Nota: Siram dengan air suam dengan pH 6.5-7.2 untuk menyesuaikan dengan anak pokok

Peringkat 3 & 4 (Penghasilan anak pokok)

Kelembapan: Biarkan media kering di antara pengairan. Selang selikan antara tahap kelembapan 2 dan 4

Baja: Gunakan baja 25 - 50 ppm N (EC: <0.7)

Media: pH 6.5 -7.2, EC: 1.0 -1.2 mS/cm

Peringkat 5 (Pertumbuhan Sehingga Dewasa)

Media: Gunakan peat moss bersaliran baik dan tidak berpenyakit dengan pH melebihi 6.5 (EC 1.0 - 1.2 mmhos/cm)

Baja: Gunakan baja pada 100 – 150 ppm N (EC: 0.7 – 1.2)

Kelembapan: Selang-selikan antara tahap 4 dan tahap 2. Biarkan media kering hingga ke tahap 2 sebelum menyiram hingga ke tahap 4

Jadual Penanaman

Semaian sehingga pemindahan (dulang semaian 200 lubang) : 7 - 8 minggu

Pemindahan sehingga dewasa (Pasu kecil) : 7 - 8 minggu (1 pkk / pasu)

Pemindahan sehingga dewasa (Pasu 12 cm) : 7 - 8 minggu (1 pkk / pasu)

Pemindahan sehingga dewasa (Pasu 15 cm) : 7 - 8 minggu (2 pkk / pasu)

Tempoh semaian sehingga dewasa : 14 - 16 minggu

Masalah Lazim

Serangga: Kutu daun, kutu thrips, lalat putih

Penyakit: *Pythium*, *Botrytis*, *Rhizoctonia*