

## **Growing Guide For Lavender Bandera**

(Lavandula stoechas)

### **Stage 1 (Germination)**

|                      |                                                                                                                                        |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sowing Media:</b> | Use a well-drained, disease-free, peat moss with pH 5.5-6.2 and EC 1.0-1.2 mmhos/cm                                                    |
| <b>Sowing:</b>       | Use 200 holes seedling tray. Sow 1 seed per hole and cover the seeds with vermiculite. Spray with fungicide against Alternaria / Phoma |
| <b>Germination:</b>  | 3-5 days                                                                                                                               |
| <b>Light:</b>        | Required                                                                                                                               |
| <b>Moisture:</b>     | Keep peat moss medium wet (when wet, peat moss is dark brown color)                                                                    |

### **Stage 2 (After Cotyledons Emerge)**

|                    |                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Moisture:</b>   | Allow peat moss to dry slightly before watering again to allow the roots to penetrate into the media. Maintain moisture at level 3. |
| <b>Fertilizer:</b> | Apply 100 – 175 ppm N (EC 0.7 – 1.2 mmhos/cm)                                                                                       |

### **Stage 3 (Growth & Development of True Leaves)**

|                    |                                                                                  |
|--------------------|----------------------------------------------------------------------------------|
| <b>Moisture:</b>   | Allow media to dry slightly further before watering. Reduce moisture to level 2. |
| <b>Fertilizer:</b> | Same as stage 2                                                                  |

### **Stage 4 (After Transplanting Out From Sowing Tray)**

|                    |                 |
|--------------------|-----------------|
| <b>Moisture:</b>   | Same as Stage 3 |
| <b>Fertilizer:</b> | Same as Stage 3 |

### **Stage 5 (Growing On To Finish)**

|                    |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| <b>Media:</b>      | Use a well-drained, disease-free media with pH 5.5-6.0 and EC 1.0–1.2 mmhos/cm |
| <b>Irrigation:</b> | Not too wet and not too dry                                                    |
| <b>Fertilizer:</b> | Apply 100 – 175 ppm N (EC 0.7 – 1.2 mmhos/cm)                                  |

### **Crop Scheduling**

|                                                     |               |
|-----------------------------------------------------|---------------|
| <b>Sow to transplant (seedling tray 200 holes):</b> | 6 - 7 weeks   |
| <b>Transplant to finish (10cm pot):</b>             | 12 - 14 weeks |
| <b>Total crop time from sow to finish:</b>          | 18 - 21 weeks |

### **Common Problems**

|                  |                                            |
|------------------|--------------------------------------------|
| <b>Diseases:</b> | Phytophthora, Botrytis, Leafspot, Root Rot |
| <b>Insects:</b>  | Aphids, Mites                              |

## **Maklumat Penanaman Untuk Lavender Bandera Series** (Lavandula stoechas)

### **Peringkat 1 (Percambahan)**

- Media Semaian:** Gunakan peat moss bersaliran baik dan tidak berpenyakit dengan pH 5.5-6.2 dan EC 1.0 -1.2 mmhos/cm
- Semaian:** Gunakan dulang semaian 200 lubang. Semai 1 biji benih untuk setiap lubang dan litupi biji benih dengan vermiculite
- Percambahan:** 3-5 hari
- Cahaya:** Perlu
- Kelembapan Media:** Pastikan peat moss sederhana lembap (Apabila lembap, peat moss berwarna coklat gelap)

### **Peringkat 2 (Selepas Kemunculan Kotiledon)**

- Kelembapan:** Biarkan peat moss mengering sebelum menyiram semula bagi membolehkan akar menembusi media. Kekalkan kelembapan media pada tahap 3.
- Baja:** Bubuh 100 – 175 ppm N (EC 0.7 – 1.2 mmhos/cm)

### **Peringkat 3 (Pertumbuhan Daun Sebenar)**

- Kelembapan Media:** Biarkan media mengering sedikit lagi sebelum menyiram semula. Kurangkan tahap kelembapan kepada tahap 2.
- Baja:** Sama seperti peringkat 2

### **Peringkat 4 (Selepas Pemindahan Dari Dulang Semaian)**

- Kelembapan Media:** Sama seperti peringkat 3
- Baja :** Sama seperti peringkat 3

### **Peringkat 5 (Pertumbuhan Sehingga Dewasa)**

- Media:** Gunakan media bersaliran baik dan tidak berpenyakit dengan pH 5.5-6.0 dan EC 1.0 – 1.2 mmhos/cm
- Penyiraman:** Tidak terlalu basah atau terlalu kering
- Baja:** Bubuh 100 – 175 ppm N (EC 0.7 – 1.2 mmhos/cm)

### **Jadual Penanaman**

- Semaian sehingga pemindahan (dulang semaian 200 lubang):** 6 -7 minggu
- Pemindahan sehingga dewasa (pasu 10cm):** 12 - 14 minggu
- Jumlah masa tanaman dari semaian sehingga dewasa:** 18 - 21 minggu

### **Masalah Lazim**

- Penyakit:** Phytophthora, Botrytis, Leafspot, Root Rot
- Serangga:** Aphids, Mites