

Lampiran 1. Data Pengamatan Persentase Hidup (%)

| Perlakuan | Blok | | | Total | Rataan |
|-------------------------------|--------|--------|--------|---------|--------|
| | I | II | III | | |
| G ₁ I ₁ | 100.00 | 100.00 | 100.00 | 300.00 | 100.00 |
| G ₁ I ₂ | 100.00 | 100.00 | 100.00 | 300.00 | 100.00 |
| G ₁ I ₃ | 100.00 | 100.00 | 100.00 | 300.00 | 100.00 |
| G ₂ I ₁ | 100.00 | 100.00 | 100.00 | 300.00 | 100.00 |
| G ₂ I ₂ | 100.00 | 100.00 | 100.00 | 300.00 | 100.00 |
| G ₂ I ₃ | 100.00 | 100.00 | 100.00 | 300.00 | 100.00 |
| G ₃ I ₁ | 100.00 | 100.00 | 100.00 | 300.00 | 100.00 |
| G ₃ I ₂ | 100.00 | 100.00 | 100.00 | 300.00 | 100.00 |
| G ₃ I ₃ | 100.00 | 100.00 | 100.00 | 300.00 | 100.00 |
| Total | 900.00 | 900.00 | 900.00 | 2700.00 | 100.00 |

Lampiran 4. Data Pengamatan Pertambahan Jumlah Daun (helai)

| Perlakuan | Blok | | | Total | Rataan |
|-------------------------------|-------|-------|-------|-------|--------|
| | I | II | III | | |
| G ₁ I ₁ | 2.00 | 1.60 | 1.80 | 5.40 | 1.80 |
| G ₁ I ₂ | 2.60 | 2.00 | 2.40 | 7.00 | 2.33 |
| G ₁ I ₃ | 2.40 | 1.80 | 1.80 | 6.00 | 2.00 |
| G ₂ I ₁ | 2.80 | 2.60 | 2.80 | 8.20 | 2.73 |
| G ₂ I ₂ | 2.40 | 2.80 | 2.60 | 7.80 | 2.60 |
| G ₂ I ₃ | 1.80 | 1.80 | 2.60 | 6.20 | 2.07 |
| G ₃ I ₁ | 2.20 | 1.80 | 2.00 | 6.00 | 2.00 |
| G ₃ I ₂ | 2.40 | 2.60 | 2.40 | 7.40 | 2.47 |
| G ₃ I ₃ | 2.00 | 2.20 | 1.80 | 6.00 | 2.00 |
| Total | 20.60 | 19.20 | 20.20 | 60.00 | 2.22 |

Lampiran 5. Daftar Sidik Ragam Pertambahan Jumlah Daun

| SK | dB | JK | KT | FH | F _{0.05} | F _{0.01} |
|-------------|----|-------|-------|-----------|-------------------|-------------------|
| Blok | 2 | 0.116 | 0.058 | 0.832 tn | 3.63 | 6.23 |
| Perlakuan | 8 | 2.480 | 0.310 | 4.464 ** | 2.59 | 3.89 |
| G | 2 | 0.862 | 0.431 | 6.203 * | 3.63 | 6.23 |
| G-Linear | 1 | 0.056 | 0.056 | 0.800 tn | 4.49 | 8.53 |
| G-Kuadratik | 1 | 0.807 | 0.807 | 11.616 ** | 4.49 | 8.53 |
| I | 2 | 0.916 | 0.458 | 6.592 ** | 3.63 | 6.23 |
| I-Linear | 1 | 0.109 | 0.109 | 1.568 tn | 4.49 | 8.53 |
| I-Kuadratik | 1 | 0.807 | 0.807 | 11.616 ** | 4.49 | 8.53 |
| G x I | 4 | 0.702 | 0.176 | 2.528 tn | 3.01 | 4.77 |
| Galat | 16 | 1.111 | 0.069 | | | |
| Total | 26 | 3.707 | | | | |

FK = 133.333

KK = 11.9%

Keterangan :

tn = Tidak Nyata

* = Nyata

** = Sangat Nyata

Lampiran 6. Data Pengamatan Pertambahan Diameter Bulb (mm)

| Perlakuan | Blok | | | Total | Rataan |
|-------------------------------|------|------|------|-------|--------|
| | I | II | III | | |
| G ₁ I ₁ | 0.06 | 0.08 | 0.06 | 0.20 | 0.07 |
| G ₁ I ₂ | 0.06 | 0.08 | 0.08 | 0.22 | 0.07 |
| G ₁ I ₃ | 0.06 | 0.04 | 0.06 | 0.16 | 0.05 |
| G ₂ I ₁ | 0.08 | 0.06 | 0.08 | 0.22 | 0.07 |
| G ₂ I ₂ | 0.06 | 0.08 | 0.08 | 0.22 | 0.07 |
| G ₂ I ₃ | 0.08 | 0.06 | 0.06 | 0.20 | 0.07 |
| G ₃ I ₁ | 0.06 | 0.04 | 0.06 | 0.16 | 0.05 |
| G ₃ I ₂ | 0.06 | 0.04 | 0.06 | 0.16 | 0.05 |
| G ₃ I ₃ | 0.06 | 0.08 | 0.06 | 0.20 | 0.07 |
| Total | 0.58 | 0.56 | 0.60 | 1.74 | 0.06 |

Lampiran 7. Daftar Sidik Ragam Pertambahan Diameter Bulb

| SK | dB | JK | KT | FH | F _{0.05} | F _{0.01} |
|-------------|----|--------|--------|-----------|-------------------|-------------------|
| Blok | 2 | 0.0001 | 0.0000 | 0.3077 tn | 3.63 | 6.23 |
| Perlakuan | 8 | 0.0019 | 0.0002 | 1.6154 tn | 2.59 | 3.89 |
| G | 2 | 0.0008 | 0.0004 | 2.7692 tn | 3.63 | 6.23 |
| G-Linear | 1 | 0.0002 | 0.0002 | 1.3846 tn | 4.49 | 8.53 |
| G-Kuadratik | 1 | 0.0006 | 0.0006 | 4.1538 tn | 4.49 | 8.53 |
| I | 2 | 0.0001 | 0.0000 | 0.3077 tn | 3.63 | 6.23 |
| I-Linear | 1 | 0.0000 | 0.0000 | 0.1538 tn | 4.49 | 8.53 |
| I-Kuadratik | 1 | 0.0001 | 0.0001 | 0.4615 tn | 4.49 | 8.53 |
| G x I | 4 | 0.0010 | 0.0002 | 1.6923 tn | 3.01 | 4.77 |
| Galat | 16 | 0.0023 | 0.0001 | | | |
| Total | 26 | 0.0043 | | | | |

FK = 0.112

KK = 18.6%

Keterangan :

tn = Tidak Nyata

* = Nyata

** = Sangat Nyata

Lampiran 8. Data Pengamatan Jumlah Anakan (buah)

| Perlakuan | Blok | | | Total | Rataan |
|-------------------------------|--------------|--------------|--------------|--------------|-------------|
| | I | II | III | | |
| G ₁ I ₁ | 1.20 | 1.20 | 1.00 | 3.40 | 1.13 |
| G ₁ I ₂ | 1.40 | 1.00 | 1.40 | 3.80 | 1.27 |
| G ₁ I ₃ | 1.20 | 1.00 | 1.00 | 3.20 | 1.07 |
| G ₂ I ₁ | 1.20 | 1.20 | 1.60 | 4.00 | 1.33 |
| G ₂ I ₂ | 1.00 | 1.00 | 1.80 | 3.80 | 1.27 |
| G ₂ I ₃ | 1.00 | 1.40 | 1.60 | 4.00 | 1.33 |
| G ₃ I ₁ | 1.20 | 1.20 | 1.40 | 3.80 | 1.27 |
| G ₃ I ₂ | 1.20 | 1.40 | 1.60 | 4.20 | 1.40 |
| G ₃ I ₃ | 1.20 | 1.20 | 1.00 | 3.40 | 1.13 |
| Total | 10.60 | 10.60 | 12.40 | 33.60 | 1.24 |

Lampiran 9. Daftar Sidik Ragam Jumlah Anakan

| SK | dB | JK | KT | FH | F _{0.05} | F _{0.01} |
|--------------|-----------|--------------|-------|----------|-------------------|-------------------|
| Blok | 2 | 0.240 | 0.120 | 2.483 tn | 3.63 | 6.23 |
| Perlakuan | 8 | 0.293 | 0.037 | 0.759 tn | 2.59 | 3.89 |
| G | 2 | 0.116 | 0.058 | 1.195 tn | 3.63 | 6.23 |
| G-Linear | 1 | 0.056 | 0.056 | 1.149 tn | 4.49 | 8.53 |
| G-Kuadratik | 1 | 0.060 | 0.060 | 1.241 tn | 4.49 | 8.53 |
| I | 2 | 0.080 | 0.040 | 0.828 tn | 3.63 | 6.23 |
| I-Linear | 1 | 0.020 | 0.020 | 0.414 tn | 4.49 | 8.53 |
| I-Kuadratik | 1 | 0.060 | 0.060 | 1.241 tn | 4.49 | 8.53 |
| G x I | 4 | 0.098 | 0.024 | 0.506 tn | 3.01 | 4.77 |
| Galat | 16 | 0.773 | 0.048 | | | |
| Total | 26 | 1.307 | | | | |

FK = 41.813

KK = 17.7%

Keterangan :

tn = Tidak Nyata

* = Nyata

** = Sangat Nyata

Lampiran 10. Rangkuman Uji Beda Rataan Pengaruh Konsentrasi dan Interval Pemupukan Pupuk Grofas Terhadap Pertumbuhan Vegetatif Anggrek *Dendrobium sp*

| Perlakuan | Peubah Amatan | | | | |
|-------------------------------|---------------|--------|--------|------|------|
| | PH | PTT | PJD | PDB | JA |
| G ₁ | 100,00 | 1,02 c | 2,04 b | 0,06 | 1,16 |
| G ₂ | 100,00 | 1,63 a | 2,47 a | 0,07 | 1,31 |
| G ₃ | 100,00 | 1,33 b | 2,16 b | 0,06 | 1,27 |
| I ₁ | 100,00 | 1,38 a | 2,18 b | 0,06 | 1,24 |
| I ₂ | 100,00 | 1,44 a | 2,47 a | 0,07 | 1,31 |
| I ₃ | 100,00 | 1,16 b | 2,02 b | 0,06 | 1,18 |
| G ₁ I ₁ | 100,00 | 1,07 | 1,80 | 0,07 | 1,13 |
| G ₁ I ₂ | 100,00 | 1,09 | 2,33 | 0,07 | 1,27 |
| G ₁ I ₃ | 100,00 | 0,89 | 2,00 | 0,05 | 1,07 |
| G ₂ I ₁ | 100,00 | 1,65 | 2,73 | 0,07 | 1,33 |
| G ₂ I ₂ | 100,00 | 1,73 | 2,60 | 0,07 | 1,27 |
| G ₂ I ₃ | 100,00 | 1,50 | 2,07 | 0,07 | 1,33 |
| G ₃ I ₁ | 100,00 | 1,41 | 2,00 | 0,05 | 1,27 |
| G ₃ I ₂ | 100,00 | 1,48 | 2,47 | 0,05 | 1,40 |
| G ₃ I ₃ | 100,00 | 1,09 | 2,00 | 0,07 | 1,13 |

Keterangan : Angka yang diikuti oleh notasi huruf yang sama pada kolom yang sama tidak berbeda nyata pada taraf 5% dalam Uji Duncan

(PH) = Persentase Hidup (%)

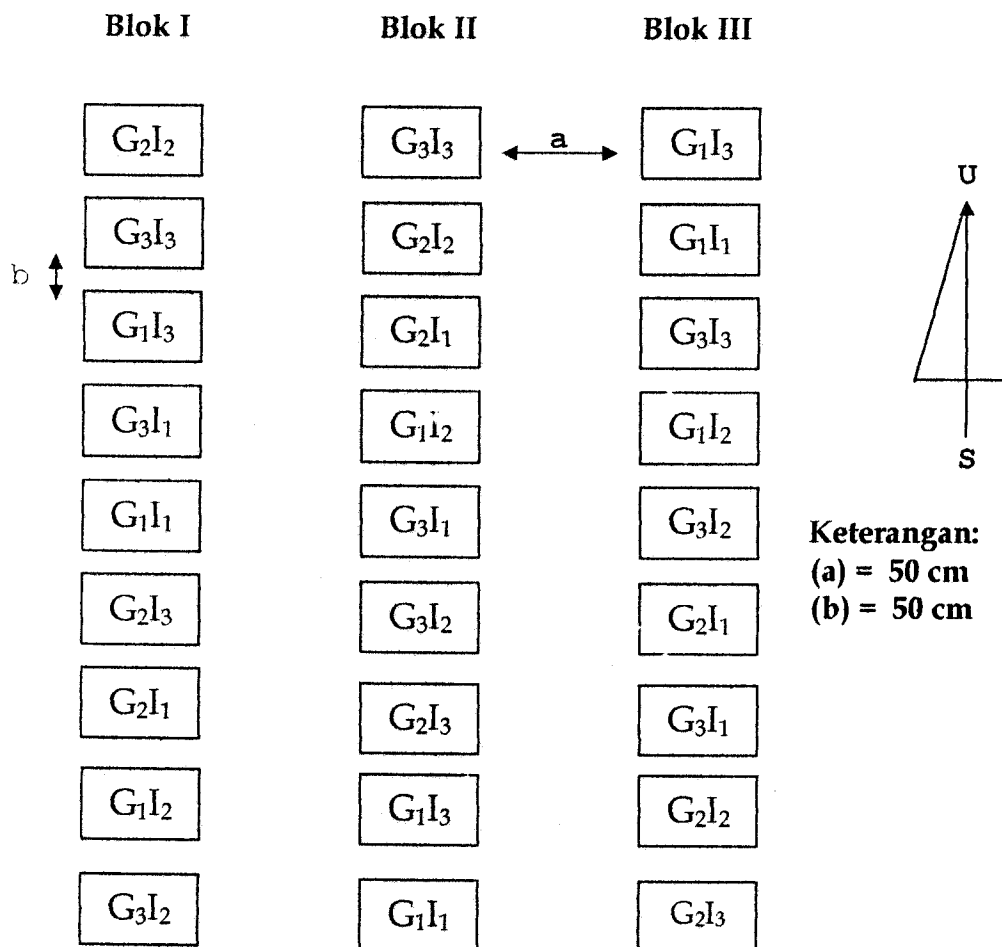
(PTT) = Pertambahan Tinggi Tar.aman (cm)

(PJD) = Pertambahan Jumlah Daun (helai)

(PDB) = Pertambahan Diameter Bulb (mm)

(JA) = Jumlah Anakan (buah)

Lampiran 11. Bagan Penelitian





Lampiran 12. Hasil Analisis Media Arang dan Pakis

REKORD BUKU JILID ANALISIS

FAKULTAS PERTANIAN USU
Jl. Prof. A. Sofyan No.3 Kampus USU
Telp.

DARI: Paulin. F.P. USU.

Lampiran surat No :
Tanggal penerimaan : 29-05-2004
*) Nomor ORDER :

| Nomor Lab. | No. Pengiriman | pH: (H ₂ O) | | | | | | | | | | | | | | | | | | | | |
|------------|----------------|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| | Arang. | 7,85 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | Pakis. | 6,02 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

USU
31 Mei 2004
e/n
Su id