

GAMBAR

1. Menyiapkan kulit bawang



2. Proses penanaman



3. Pengukuran Suhu Tanah



4. Pengukuran Tinggi Tanaman



5. Pengukuran Panjang Akar



6. Perhitungan Jumlah Daun



7. Pengukuran Derajat Keasaman Tanah (pH)

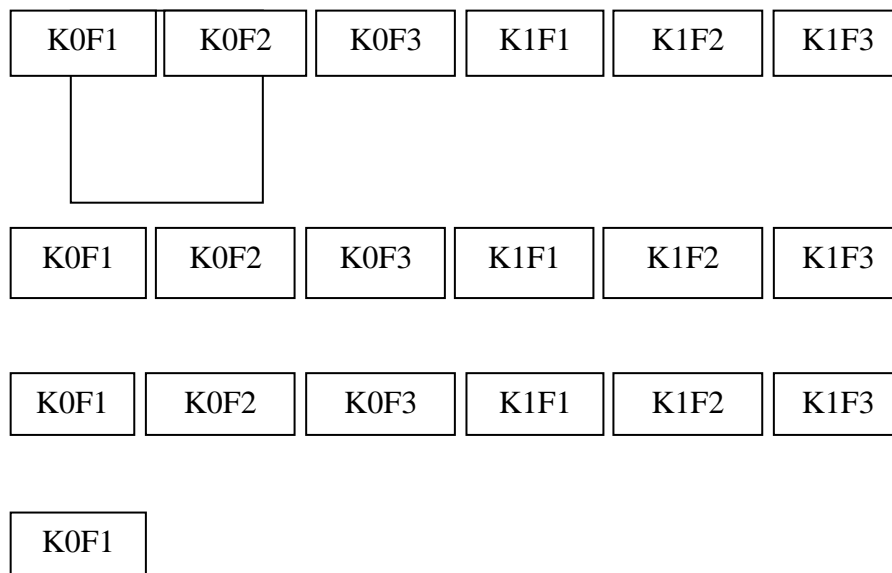


8. Panen

LAMPIRAN

Lampiran 1. Layout Penelitian

- Tata letak lahan percobaan



Keterangan:

Jarak antar blok = 70 cm

Jarak antar petak dalam blok = 30 cm

Lampiran 2. Spesifikasi alat ukur

| No | Nama Alat | Tipe | Produsen | Ketelitian | satuan | Kisaran |
|----|--------------------|--------------|-----------------------|-------------|---------------|--------------|
| 1 | Termometer | Air Raksa | Ex-Lokal | | °C | -10-110 |
| 2 | Timbangan Analitik | DJ-A2000 | Excellen ^R | Mm-Kg | Gram | 0-2000 g |
| 3 | Oven | UM400 | Memmert | 10 °C | °C | 30-225 °C |
| 4 | Gelas Ukur | Pyrex ® | 50/1 ml | 50/1 ml | ml | 0-50ml |
| 5 | Mistar | Stainless | Ex-Lokal | mm-cm-inc | mm- cm-inc | 0-60 |
| 6 | Jangka Sorong | Tricle brand | Sanghai | 0-150mx0,02 | mm-cm | 0-20 |
| 7 | Timbangan Duduk | | Ex-Lokal | 0-1000g | g-kg | 0g-2kg |
| 8 | Kamera Digital | EOS 1200D | Taiwan | EF-S18-55mm | mm | 18-m |

Lampiran 3. Hasil Sidik Ragam Anova

Sidik ragam anova suhu tanah 14 HST

| Source | DF | Squares | Mean Square | F Value | Pr > F |
|-----------------|----|------------|-------------|---------|--------|
| Model | 11 | 0.10750000 | 0.00977273 | 1.95 | 0.0823 |
| K | 3 | 0.03416667 | 0.01138889 | 2.28 | 0.1053 |
| F | 2 | 0.00166667 | 0.00083333 | 0.17 | 0.8475 |
| K*F | 6 | 0.07166667 | 0.01194444 | 2.39 | 0.0595 |
| Error | 24 | 0.12000000 | 0.00500000 | | |
| Corrected Total | 35 | 0.22750000 | | | |

Sidik ragam anova suhu tanah 28 HST

| Source | DF | Squares | Mean Square | F Value | Pr > F |
|-----------------|----|------------|-------------|---------|--------|
| Model | 11 | 0.14888889 | 0.01353535 | 0.69 | 0.7382 |
| K | 3 | 0.08666667 | 0.02888889 | 1.46 | 0.2491 |
| F | 2 | 0.02888889 | 0.01444444 | 0.73 | 0.4912 |
| K*F | 6 | 0.03333333 | 0.00555556 | 0.28 | 0.9400 |
| Error | 24 | 0.47333333 | 0.01972222 | | |
| Corrected Total | 35 | 0.62222222 | | | |

Sidik ragam anova suhu tanah 35 HST

| Source | DF | Squares | Mean Square | F Value | Pr > F |
|-----------------|----|------------|-------------|---------|--------|
| Model | 11 | 0.04305556 | 0.00391414 | 0.33 | 0.9712 |
| K | 3 | 0.01638889 | 0.00546296 | 0.46 | 0.7146 |
| F | 2 | 0.01388889 | 0.00694444 | 0.58 | 0.5668 |
| K*F | 6 | 0.01277778 | 0.00212963 | 0.18 | 0.9801 |
| Error | 24 | 0.28666667 | 0.01194444 | | |
| Corrected Total | 35 | 0.32972222 | | | |

Sidik ragam anova derajat keasaman tanah (pH)

| Source | DF | Squares | Mean Square | F Value | Pr > F |
|-----------------|----|------------|-------------|---------|--------|
| Model | 11 | 0.14414167 | 0.01310379 | 0.63 | 0.7883 |
| K | 3 | 0.02616389 | 0.00872130 | 0.42 | 0.7421 |
| F | 2 | 0.06201667 | 0.03100833 | 1.48 | 0.2468 |
| K*F | 6 | 0.01277778 | 0.00932685 | 0.45 | 0.8403 |
| Error | 24 | 0.05596111 | 0.02089722 | | |
| Corrected Total | 35 | 0.50153333 | | | |

Sidik ragam anova kadar lengas tanah

| Source | DF | Squares | Mean Square | F Value | Pr > F |
|-----------------|----|-------------|-------------|---------|--------|
| Model | 11 | 339.151431 | 30.831948 | 0.58 | 0.8296 |
| K | 3 | 180.0319639 | 60.0106546 | 1.12 | 0.3605 |
| F | 2 | 33.1184389 | 16.5592194 | 0.31 | 0.7370 |
| K*F | 6 | 126.0010278 | 21.0001713 | 0.39 | 0.8768 |
| Error | 24 | 1285.600067 | 53.566669 | | |
| Corrected Total | 35 | 1624.751497 | | | |

Sidik ragam anova tinggi tanaman 14 HST

| Source | DF | Squares | Mean Square | F Value | Pr > F |
|-----------------|----|-------------|-------------|---------|--------|
| Model | 11 | 17.25888889 | 1.56898990 | 2.13 | 0.0584 |
| K | 3 | 2.35888889 | 0.78629630 | 1.07 | 0.3805 |
| F | 2 | 2.67722222 | 1.33861111 | 1.82 | 0.1835 |
| K*F | 6 | 12.22277778 | 2.03712963 | 2.77 | 0.0343 |
| Error | 24 | 17.64000000 | 0.73500000 | | |
| Corrected Total | 35 | 34.89888889 | | | |

Sidik ragam anova tinggi tanaman 28 HST

| Source | DF | Squares | Mean Square | F Value | Pr > F |
|-----------------|----|-------------|-------------|---------|--------|
| Model | 11 | 41.22305556 | 3.74755051 | 1.71 | 0.1317 |
| K | 3 | 17.55638889 | 5.85212963 | 2.67 | 0.0704 |
| F | 2 | 3.79555556 | 1.89777778 | 0.87 | 0.4336 |
| K*F | 6 | 19.87111111 | 3.31185185 | 1.51 | 0.2173 |
| Error | 24 | 52.63333333 | 2.19305556 | | |
| Corrected Total | 35 | 93.85638889 | | | |

Sidik ragam anova tinggi tanaman 35 HST

| Source | DF | Squares | Mean Square | F Value | Pr > F |
|-----------------|----|-------------|-------------|---------|--------|
| Model | 11 | 29.76888889 | 2.70626263 | 1.35 | 0.2567 |
| K | 3 | 12.52222222 | 4.17407407 | 2.09 | 0.1284 |
| F | 2 | 4.87722222 | 2.43861111 | 1.22 | 0.3129 |
| K*F | 6 | 12.36944444 | 2.06157407 | 1.03 | 0.4296 |
| Error | 24 | 47.98000000 | 1.99916667 | | |
| Corrected Total | 35 | 77.74888889 | | | |

Sidik ragam anova jumlah daun 14 HST

| Source | DF | Squares | Mean Square | F Value | Pr > F |
|-----------------|----|------------|-------------|---------|--------|
| Model | 11 | 0.97222222 | 0.08838384 | 0.64 | 0.7805 |
| K | 3 | 0.08333333 | 0.02777778 | 0.20 | 0.8953 |
| F | 2 | 0.22222222 | 0.11111111 | 0.80 | 0.4610 |
| K*F | 6 | 0.66666667 | 0.11111111 | 0.80 | 0.5795 |
| Error | 24 | 3.33333333 | 0.13888889 | | |
| Corrected Total | 35 | 4.30555556 | | | |

Sidik ragam anova jumlah daun 28 HST

| Source | DF | Squares | Mean Square | F Value | Pr > F |
|-----------------|----|-------------|-------------|---------|--------|
| Model | 11 | 7.33333333 | 0.66666667 | 1.26 | 0.3025 |
| K | 3 | 1.55555556 | 0.51851852 | 0.98 | 0.4176 |
| F | 2 | 1.16666667 | 0.58333333 | 1.11 | 0.3474 |
| K*F | 6 | 4.61111111 | 0.76851852 | 1.46 | 0.2352 |
| Error | 24 | 12.66666667 | 0.52777778 | | |
| Corrected Total | 35 | 20.00000000 | | | |

Sidik ragam anova jumlah daun 35 HST

| Source | DF | Squares | Mean Square | F Value | Pr > F |
|-----------------|----|-------------|-------------|---------|--------|
| Model | 11 | 12.55555556 | 1.14141414 | 3.42 | 0.0057 |
| K | 3 | 3.00000000 | 1.00000000 | 3.00 | 0.0504 |
| F | 2 | 4.05555556 | 2.02777778 | 6.08 | 0.0073 |
| K*F | 6 | 5.50000000 | 0.91666667 | 2.75 | 0.0353 |
| Error | 24 | 8.00000000 | 0.33333333 | | |
| Corrected Total | 35 | 20.55555556 | | | |

Sidik ragam anova panjang akar

| Source | DF | Squares | Mean Square | F Value | Pr > F |
|-----------------|----|-------------|-------------|---------|--------|
| Model | 11 | 23.43888889 | 2.13080808 | 2.53 | 0.0280 |
| K | 3 | 7.33000000 | 2.44333333 | 2.90 | 0.0560 |
| F | 2 | 0.85055556 | 0.42527778 | 0.50 | 0.6103 |
| K*F | 6 | 15.25833333 | 2.54305556 | 3.01 | 0.0243 |
| Error | 24 | 20.24666667 | 0.84361111 | | |
| Corrected Total | 35 | 43.68555556 | | | |

Sidik ragam anova berat segar tanaman

| Source | DF | Squares | Mean Square | F Value | Pr > F |
|-----------------|----|-------------|-------------|---------|--------|
| Model | 11 | 1969.952942 | 179.086631 | 2.28 | 0.0442 |
| K | 3 | 1031.360031 | 343.786677 | 4.38 | 0.0135 |
| F | 2 | 408.605550 | 204.302775 | 2.60 | 0.0948 |
| K*F | 6 | 529.987361 | 88.331227 | 1.13 | 0.3775 |
| Error | 24 | 1883.618533 | 78.484106 | | |
| Corrected Total | 35 | 3853.571475 | | | |

Sidik ragam anova berat segar ekonomi

| Source | DF | Squares | Mean Square | F Value | Pr > F |
|-----------------|----|-------------|-------------|---------|--------|
| Model | 11 | 1268.679342 | 115.334486 | 2.44 | 0.0328 |
| K | 3 | 241.6409861 | 80.5469954 | 1.70 | 0.1927 |
| F | 2 | 536.4482667 | 268.2241333 | 5.68 | 0.0096 |
| K*F | 6 | 490.5900889 | 81.7650148 | 1.73 | 0.1570 |
| Error | 24 | 1133.963533 | 47.248481 | | |
| Corrected Total | 35 | 2402.642875 | | | |

Sidik raga anova berat segar non ekonomi

| Source | DF | Squares | Mean Square | F Value | Pr > F |
|-----------------|----|-------------|-------------|---------|--------|
| Model | 11 | 109.7591222 | 9.9781020 | 1.42 | 0.2279 |
| K | 3 | 18.57952222 | 6.19317407 | 0.88 | 0.4652 |
| F | 2 | 23.95503889 | 11.97751944 | 1.70 | 0.2035 |
| K*F | 6 | 67.22456111 | 11.20409352 | 1.59 | 0.1926 |
| Error | 24 | 168.8592667 | 7.0358028 | | |
| Corrected Total | 35 | 278.6183889 | | | |

Sidik ragam anova indeks panen

DAFTAR RIWAYAT HIDUP



Penulis lahir pada tanggal 9 November 1994 di Wanibesak. Penulis berasal dari Kabupaten Malaka, Kecamatan Wewiku, Desa Lorotolus sebagai anak ke 3 dari pasangan Bapak Martinus Berek dan Ibunda tercinta Veronika Foe dengan memiliki 5 bersaudara yaitu Kaka Jhemi, Kaka Roby, Adik Bony, Adik Mely, Adik Gery, suami tercinta Gonzales dan buah hatiku Verlando.

Pada tahun 2003 penulis mengikuti pendidikan pada SDK Kuluoan sampai tamat dan berijazah tahun 2009, penulis melanjutkan pendidikan di SMP Katolik St Yoh. Berkmans Weoe dan berijazah tahun 2012, kemudian penulis melanjutkan pendidikan pada SMKN Toianas dan tamat berijazah tahun 2015. Selanjutnya pada pertengahan tahun 2016 penulis melanjutkan sekolah perguruan tinggi dengan mendaftarkan diri pada Kampus Universitas Timor, Fakultas Pertanian (FAPERTA) Program Studi Agroteknologi, Kabupaten Timur Tengah Utara (TTU) lewat jalur SBMPT hingga selesainya penyusunan skripsi ini, dengan motto ” tiada kesuksesan tanpa kerja keras ”

Kefamenanu, Juli 2022

