

LAMPIRAN

Lampiran 1. *Lay Out* Penelitian

a. *Layout* 9 unit perlakuan

| Blok I | Blok II | Blok III |
|--------|---------|----------|
| T3 | T2 | T1 |
| T2 | T3 | T3 |
| T1 | T1 | T2 |

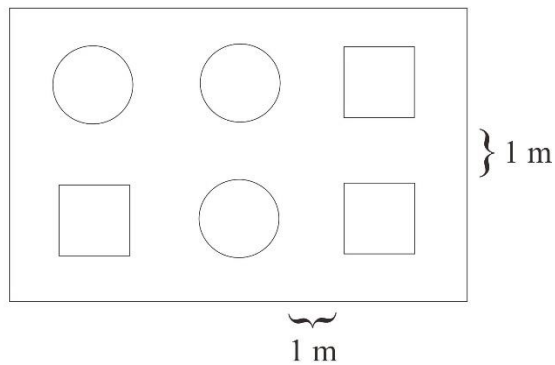
Keterangan:

T1 : Tanam bulan ke-1 (September)

T2 : Tanam bulan ke-2 (Oktober)

T3 : Tanam bulan ke-3 (November)

b. *Layout* satu unit perlakuan



Keterangan:

○ = Tanaman sampel

□ = Tanaman singkong

Lampiran 2. Tabel ANOVA

a. Tinggi Tanaman

| Sumber | db | Jumlah Kuadrat | Kuadrat Tengah | F Hitung | Prob. |
|------------------|----|-----------------|----------------|----------|-----------|
| Model | 4 | 12872,79724 | 3218,19931 | 2,68 | 0,1813 ns |
| Perl | 2 | 12561,14362 | 6280,57181 | 5,23 | 0,0765 ns |
| UI | 2 | 311,65362 | 155,82681 | 0,13 | 0,8818 ns |
| Galat | 4 | 4800,64971 | 1200,16243 | | |
| Total | 8 | 17673,44696 | | | |
| $R^2 = 0,728369$ | | $KV = 25,92247$ | | | |

Keterangan: ns = *non significant* (tidak ada beda nyata)

b. Jumlah Daun

| Sumber | db | Jumlah Kuadrat | Kuadrat Tengah | F Hitung | Prob. |
|------------------|----|-----------------|----------------|----------|-----------|
| Model | 4 | 4369,925467 | 1092,481367 | 4,16 | 0,0980 ns |
| perl | 2 | 4348,670867 | 2174,335433 | 8,29 | 0,0378 s |
| UI | 2 | 21,254600 | 10,627300 | 0,04 | 0,9607 ns |
| Galat | 4 | 1049,554333 | 262,388583 | | |
| Total | 8 | 5419,479800 | | | |
| $R^2 = 0,806337$ | | $KV = 16,16823$ | | | |

Keterangan: s = *significant* (ada beda nyata)

ns = *non significant* (tidak ada beda nyata)

c. Luas Daun

| Sumber | db | Jumlah Kuadrat | Kuadrat Tengah | F Hitung | Prob. |
|------------------|----|-----------------|----------------|----------|-----------|
| Model | 4 | 95037,9767 | 23759,4942 | 7,19 | 0,0411 s |
| perl | 2 | 94102,02496 | 47051,01248 | 14,24 | 0,0152 s |
| ul | 2 | 935,95176 | 467,97588 | 0,14 | 0,8721 ns |
| Galat | 4 | 13215,5485 | 3303,8871 | | |
| Total | 8 | 108253,5252 | | | |
| $R^2 = 0,877920$ | | $KV = 29,72136$ | | | |

Keterangan: s = *significant* (ada beda nyata)

ns = *non significant* (tidak ada beda nyata)

d. Diameter Batang

| Sumber | db | Jumlah Kuadrat | Kuadrat Tengah | F Hitung | Prob. |
|------------------|----|-----------------|----------------|----------|-----------|
| Model | 4 | 1,11631111 | 0,27907778 | 5,68 | 0,0605 ns |
| Perl | 2 | 1,07962222 | 0,53981111 | 10,99 | 0,0237 s |
| UI | 2 | 0,03668889 | 0,01834444 | 0,37 | 0,7101 ns |
| Galat | 4 | 0,19651111 | 0,04912778 | | |
| Total | 8 | 1,31282222 | | | |
| $R^2 = 0,850314$ | | $KV = 16,86248$ | | | |

Keterangan: s = *significant* (ada beda nyata)

ns = *non significant* (tidak ada beda nyata)

e. Jumlah Ubi*

| Sumber | db | Jumlah Kuadrat | Kuadrat Tengah | F Hitung | Prob. |
|------------------|----|----------------|----------------|----------|-----------|
| Model | 4 | 2,09606667 | 0,52401667 | 3,29 | 0,1379 ns |
| Perl | 2 | 1,85286667 | 0,92643333 | 5,81 | 0,0656 ns |
| UI | 2 | 0,24320000 | 0,12160000 | 0,76 | 0,5241 ns |
| Galat | 4 | 0,63773333 | 0,15943333 | | |
| Total | 8 | 2,73380000 | | | |
| $R^2 = 0,766723$ | | KV = 15,29851 | | | |

Keterangan: ns = *non significant* (tidak ada beda nyata)

*Data ditaransformasi akar

f. Panjang Ubi

| Sumber | db | Jumlah Kuadrat | Kuadrat Tengah | F Hitung | Prob. |
|------------------|----|----------------|----------------|----------|-----------|
| Model | 4 | 310,4859333 | 77,6214833 | 3,78 | 0,1129 ns |
| Perl | 2 | 304,5160667 | 152,2580333 | 7,42 | 0,0451 s |
| UI | 2 | 5,9698667 | 2,9849333 | 0,15 | 0,8690 ns |
| Galat | 4 | 82,0920667 | 20,5230167 | | |
| Total | 8 | 392,5780000 | | | |
| $R^2 = 0,790890$ | | KV = 19,52687 | | | |

Keterangan: s = *significant* (ada beda nyata)

ns = *non significant* (tidak ada beda nyata)

g. Diameter Ubi

| Sumber | db | Jumlah Kuadrat | Kuadrat Tengah | F Hitung | Prob. |
|------------------|----|----------------|----------------|----------|-----------|
| Model | 4 | 0,37364444 | 0,09341111 | 0,46 | 0,7646 ns |
| Perl | 2 | 0,20162222 | 0,10081111 | 0,50 | 0,6417 ns |
| UI | 2 | 0,17202222 | 0,08601111 | 0,42 | 0,6808 ns |
| Galat | 4 | 0,81171111 | 0,20292778 | | |
| Total | 8 | 1,18535556 | | | |
| $R^2 = 0,315217$ | | KV = 19,91294 | | | |

Keterangan: ns = *non significant* (tidak ada beda nyata)

h. Bobot Per Ubi*

| Sumber | db | Jumlah Kuadrat | Kuadrat Tengah | F Hitung | Prob. |
|------------------|----|----------------|----------------|----------|-----------|
| Model | 4 | 0,00646667 | 0,00161667 | 1,49 | 0,3538 ns |
| Perl | 2 | 0,00540000 | 0,00270000 | 2,49 | 0,1982 ns |
| UI | 2 | 0,00106667 | 0,00053333 | 0,49 | 0,6440 ns |
| Galat | 4 | 0,00433333 | 0,00108333 | | |
| Total | 8 | 0,01080000 | | | |
| $R^2 = 0,598765$ | | KV = 4,256124 | | | |

Keterangan: ns = *non significant* (tidak ada beda nyata)

*Data ditaransformasi akar

i. Bobot Ubi Per Tanaman*

| Sumber | db | Jumlah Kuadrat | Kuadrat Tengah | F Hitung | Prob. |
|------------------|----|-----------------|----------------|----------|-----------|
| Model | 4 | 0,51751111 | 0,12937778 | 2,31 | 0,2189 ns |
| Perl | 2 | 0,49242222 | 0,24621111 | 4,39 | 0,0979 ns |
| UI | 2 | 0,02508889 | 0,01254444 | 0,22 | 0,8089 ns |
| Galat | 4 | 0,22424444 | 0,05606111 | | |
| Total | 8 | 0,74175556 | | | |
| $R^2 = 0,697684$ | | $KV = 21,09852$ | | | |

Keterangan: ns = *non significant* (tidak ada beda nyata)

*Data ditaransformasi akar

j. Hasil Ubi**

| Sumber | db | Jumlah Kuadrat | Kuadrat Tengah | F Hitung | Prob. |
|------------------|----|-----------------|----------------|----------|-----------|
| Model | 4 | 0,74306667 | 0,18576667 | 3,03 | 0,1542 ns |
| Perl | 2 | 0,68180000 | 0,34090000 | 5,56 | 0,0700 ns |
| UI | 2 | 0,06126667 | 0,03063333 | 0,50 | 0,6403 ns |
| Galat | 4 | 0,24533333 | 0,06133333 | | |
| Total | 8 | 0,98840000 | | | |
| $R^2 = 0,751787$ | | $KV = 29,13596$ | | | |

Keterangan: ns = *non significant* (tidak ada beda nyata)

**Data ditaransformasi logaritma

k. Kadar Pati

| Sumber | db | Jumlah Kuadrat | Kuadrat Tengah | F Hitung | Prob. |
|------------------|----|-----------------|----------------|----------|-----------|
| Model | 4 | 47,31404444 | 11,82851111 | 90,02 | 0,0004 s |
| Perl | 2 | 46,92775556 | 23,46387778 | 178,58 | 0,0001 s |
| UI | 2 | 0,38628889 | 0,19314444 | 1,47 | 0,3322 ns |
| Galat | 4 | 0,52557778 | 0,13139444 | | |
| Total | 8 | 47,83962222 | | | |
| $R^2 = 0,989014$ | | $KV = 1,272965$ | | | |

Keterangan: s = *significant* (ada beda nyata)

ns = *non significant* (tidak ada beda nyata)

l. Kadar HCN

| Sumber | db | Jumlah Kuadrat | Kuadrat Tengah | F Hitung | Prob. |
|------------------|----|-----------------|----------------|----------|-----------|
| Model | 4 | 1749,469978 | 437,367494 | 217,21 | <0,0001 s |
| perl | 2 | 1745,618956 | 872,809478 | 433,47 | <0,0001 s |
| UI | 2 | 3,851022 | 1,925511 | 0,96 | 0,4577 ns |
| Galat | 4 | 8,054111 | 2,013528 | | |
| Total | 8 | 1757,524089 | | | |
| $R^2 = 0,995417$ | | $KV = 2,618489$ | | | |

Keterangan: s = *significant* (ada beda nyata)

ns = *non significant* (tidak ada beda nyata)

Lampiran 3. Persiapan Bahan Tanam dan Penanaman



Gambar a. Persiapan Bahan Tanam



Gambar b. Penanaman

Lampiran 4. Pertumbuhan Singkong Varietas Gatotkaca



Gambar a. Tanam September Umur 20 MST



Gambar b. Tanam Oktober Umur 20 MST



Gambar c. Tanam November Umur 20 MST

Lampiran 5. Sebaran Akar dan Hasil Ubi Singkong Varietas Gatotkaca



Gambar a. Sebaran Akar Tanam September



Gambar b. Sebaran Akar Tanam Oktober



Gambar c. Sebaran Akar Tanam November



Gambar d. Hasil Ubi Tanam September



Gambar e. Hasil Ubi Tanam Oktober



Gambar f. Hasil Ubi Tanam November