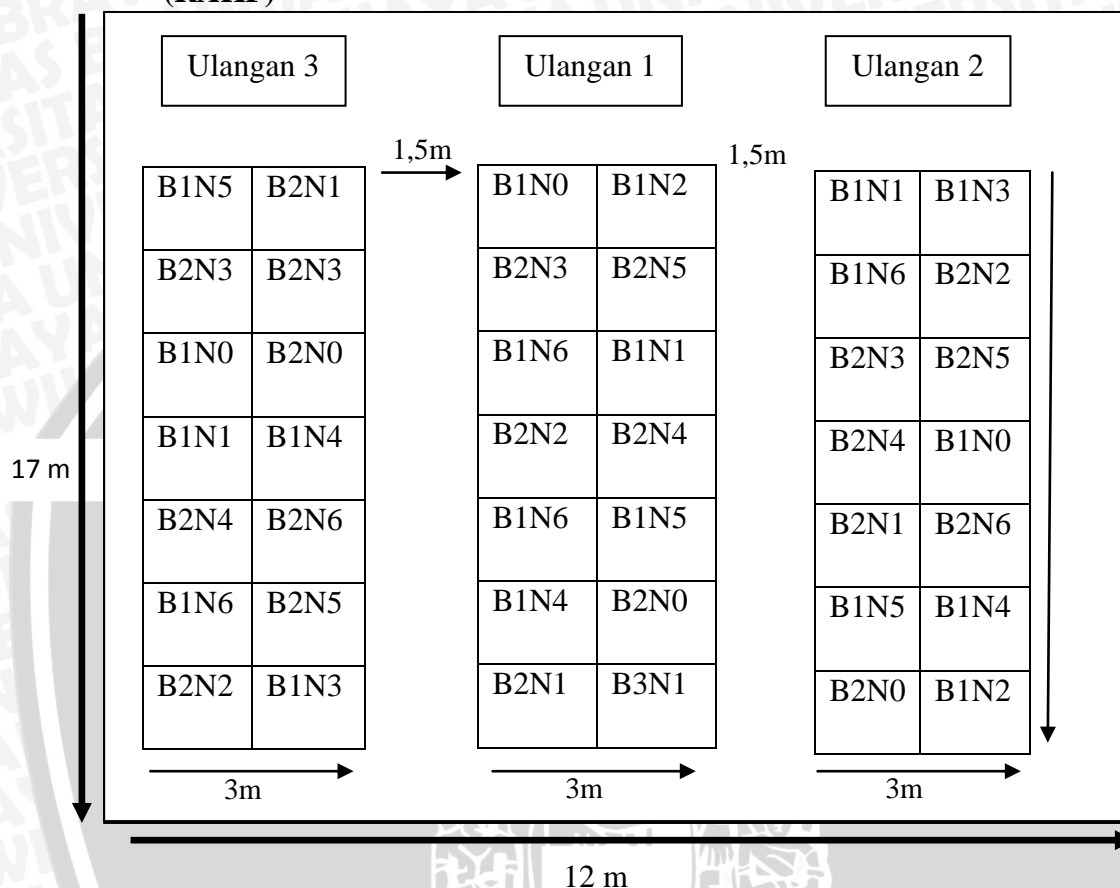


Lampiran 1. Gambar denah percobaan

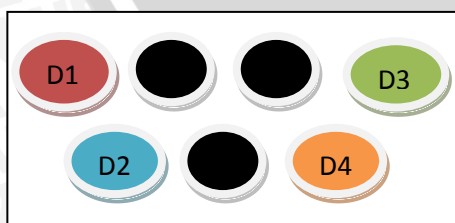
➤ **Denah Percobaan Rancangan Acak Kelompok Faktorial (RAKF)**



Keterangan:

- Setiap perlakuan terdiri dari 7 tanaman sehingga total tanaman yang digunakan 294 tanaman.

➤ **Denah Plot**



Keterangan :

- = Sampel Non-Destruktif
- D1 = Sampel Destruktif 1
- D2 = Sampel Destruktif 2
- D3 = Sampel Destruktif 3
- D4 = Sampel Destruktif 4



Lampiran 2 . Hasil Analisis ragam

1. Persentase Tanaman yang Hidup (%)

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	9.72	4.86	0.16	2.37	5.53
Perlakuan	13	739.02	56.85	1.83	2.13	2.9
Konsentrasi (N)	6	398.68	66.45	2.14 tn	2.47	3.59
Bagian Stek (B)	1	77.79	77.79	2.51 tn	4.22	7.72
N x B	6	262.55	43.76	1.41 tn	2.47	3.59
Galat	26	807.09	31.09			
Total	41	1555.84				

2. Persentase Tanaman Berakar (%)

- Persentase tanaman berakar pada umur 20 hst

Sumber Keragaman	Db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	332.75	166.37	8.14	2.37	5.53
Perlakuan	13	3235.40	248.88	12.18	2.13	2.9
Konsentrasi (N)	6	2399.99	400	19.58 **	2.47	3.59
Bagian Stek (B)	1	464.93	464.93	22.76 **	4.22	7.72
N x B	6	370.47	61.74	3.02 *	2.47	3.59
Galat	26	531.10	20.43			
Total	41	4099.25				

- BNJ 5% Persentase tanaman berakar pada umur 20 hst

$$BNJ 5\% : \text{Tabel BNJ} \times \sqrt{\frac{KTG}{r}}$$

$$: 5,2 \times \sqrt{\frac{20,43}{3}} = 13,56$$

- Persentase tanaman berakar pada umur 40 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	87.48	43.74	0.58	2.37	5.53
Perlakuan	13	2099.70	161.52	2.15	2.13	2.9
Konsentrasi (N)	6	1010.85	168.48	2.24 tn	2.47	3.59
Bagian Stek (B)	1	19.42	19.42	0.26 tn	4.22	7.72
N x B	6	1069.43	178.24	2.37 tn	2.47	3.59
Galat	26	1953.61	75.14			
Total	41	4140.79				

## 3. Jumlah Akar

- Jumlah akar pada umur 10 hst

Sumber Keragaman	Db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.00	0.00	0.02	2.37	5.53
Perlakuan	13	0.67	0.05	1.48	2.13	2.9
Konsentrasi (N)	6	0.38	0.06	1.82 tn	2.47	3.59
Bagian Stek (B)	1	0.11	0.11	3.14 tn	4.22	7.72
N x B	6	0.18	0.03	0.86 tn	2.47	3.59
Galat	26	0.90	0.03			
Total	41	1.57				

- Jumlah akar pada umur 20 hst

Sumber Keragaman	Db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.03	0.02	0.59	2.37	5.53
Perlakuan	13	0.67	0.05	1.82	2.13	2.9
Konsentrasi (N)	6	0.19	0.03	1.13 tn	2.47	3.59
Bagian Stek (B)	1	0.07	0.07	2.37 tn	4.22	7.72
N x B	6	0.41	0.07	2.43 tn	2.47	3.59
Galat	26	0.74	0.03			
Total	41	1.44				

- Jumlah akar pada umur 30 hst

Sumber Keragaman	Db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.36	0.18	0.84	2.37	5.53
Perlakuan	13	9.96	0.77	3.60	2.13	2.9
Konsentrasi (N)	6	7.26	1.21	5.68 **	2.47	3.59
Bagian Stek (B)	1	0.46	0.46	2.18 tn	4.22	7.72
N x B	6	2.24	0.37	1.75 tn	2.47	3.59
Galat	26	5.53	0.21			
Total	41	15.85				

$$\text{BNJ 5\% : Tabel BNJ } X \sqrt{\frac{KTG}{r}}$$

$$: 5,2X \sqrt{\frac{0,21}{5}} = 0,97$$

- Jumlah akar pada umur 40 hst

Sumber Keragaman	Db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.86	0.43	3.32	2.37	5.53
Perlakuan	13	8.05	0.62	4.79	2.13	2.9
Konsentrasi (N)	6	6.05	1.01	7.80 **	2.47	3.59
Bagian Stek (B)	1	0.12	0.12	0.92 tn	4.22	7.72
N x B	6	1.88	0.31	2.43 tn	2.47	3.59
Galat	26	3.36	0.13			
Total	41	12.28				

BNJ 5% :  $Tabel\ BNJ\ X \sqrt{\frac{KTG}{r}}$   
 $: 5,2X \sqrt{\frac{0,17}{8}} = 0,76$

#### 4. Panjang Akar

- Panjang akar pada umur 10 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.07	0.04	1.70	2.37	5.53
Perlakuan	13	1.16	0.09	4.26	2.13	2.9
Konsentrasi (N)	6	0.40	0.07	3.19 *	2.47	3.59
Bagian Stek (B)	1	0.05	0.05	2.32 tn	4.22	7.72
N x B	6	0.71	0.12	5.66 **	2.47	3.59
Galat	26	0.54	0.02			
Total	41	1.77				

BNJ 5% :  $Tabel\ BNJ\ X \sqrt{\frac{KTG}{r}}$   
 $: 5,2X \sqrt{\frac{0,02}{8}} = 0,43$

- Panjang akar pada umur 20 hst

Sumber Keragaman	Db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.08	0.04	1.15	2.37	5.53
Perlakuan	13	0.88	0.07	1.84	2.13	2.9
Konsentrasi (N)	6	0.20	0.03	0.89 tn	2.47	3.59
Bagian Stek (B)	1	0.07	0.07	1.91 tn	4.22	7.72
N x B	6	0.62	0.10	2.78 *	2.47	3.59
Galat	26	0.96	0.04			
Total	41	1.93				

BNJ 5% :  $Tabel\ BNJ\ X \sqrt{\frac{KTG}{r}}$

$$: 5,2X \sqrt{\frac{0,04}{s}} = 0,57$$

- Panjang akar pada umur 30 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.91	0.46	4.35	2.37	5.53
Perlakuan	13	12.22	0.94	8.95	2.13	2.9
Konsentrasi (N)	6	4.83	0.80	7.66 **	2.47	3.59
Bagian Stek (B)	1	0.30	0.30	2.88 tn	4.22	7.72
N x B	6	7.09	1.18	11.25 **	2.47	3.59
Galat	26	2.73	0.10			
Total	41	15.86				

- BNJ 5% Panjang akar pada umur 30 hst

$$\text{BNJ 5\% : } \text{Tabel BNJ } X \sqrt{\frac{KTG}{r}}$$

$$: 5,2X \sqrt{\frac{0,10}{s}} = 0,97$$

- Panjang akar pada umur 40 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.48	0.24	4.12	2.37	5.53
Perlakuan	13	7.86	0.60	10.45	2.13	2.9
Konsentrasi (N)	6	3.67	0.61	10.58 **	2.47	3.59
Bagian Stek (B)	1	0.01	0.01	0.11 tn	4.22	7.72
N x B	6	4.18	0.70	12.05 **	2.47	3.59
Galat	26	1.50	0.06			
Total	41	9.84				

$$\text{BNJ 5\% : } \text{Tabel BNJ } X \sqrt{\frac{KTG}{r}}$$

$$: 5,2X \sqrt{\frac{0,06}{s}} = 0,72$$

5. Saat Muncul Tunas Baru (hst)

Sumber Keragaman	Db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.13	0.06	2.81	2.37	5.53
Perlakuan	13	0.68	0.05	2.31	2.13	2.9
Konsentrasi (N)	6	0.48	0.08	3.57 *	2.47	3.59
Bagian Stek (B)	1	0.09	0.09	3.95 tn	4.22	7.72
N x B	6	0.11	0.02	0.77 tn	2.47	3.59
Galat	26	0.59	0.02			
Total	41	1.39				

BNJ 5% :  $Tabel\ BNJ\ X\ \sqrt{\frac{KTG}{r}}$

$: 5,2X\ \sqrt{\frac{0,02}{8}} = 0,31$

6. Persentase tanaman bertunas (%)

- Persentase tanaman bertunas pada umur 20 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	151.75	75.87	2.07	2.37	5.53
Perlakuan	13	694.06	53.39	1.46	2.13	2.9
Konsentrasi (N)	6	434.04	72.34	1.97 tn	2.47	3.59
Bagian Stek (B)	1	22.05	22.05	0.60 tn	4.22	7.72
N x B	6	237.98	39.66	1.08 tn	2.47	3.59
Galat	26	953.08	36.66			
Total	41	1798.89				

- Persentase tanaman bertunas pada umur 40 hst

Sumber Keragaman	Db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	77.46	38.73	0.25	2.37	5.53
Perlakuan	13	1700.61	130.82	0.86	2.13	2.9
Konsentrasi (N)	6	1259.96	209.99	1.36 tn	2.47	3.59
Bagian Stek (B)	1	7.03	7.03	0.05 tn	4.22	7.72
N x B	6	433.62	72.27	0.47 tn	2.47	3.59
Galat	26	4024.46	154.79			
Total	41	5802.53				



## 7. Jumlah Tunas

- Jumlah tunas pada umur 14 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.77	0.38	30.77	2.37	5.53
Perlakuan	13	3.34	0.25	20.53	2.13	2.9
Konsentrasi (N)	6	1.27	0.21	16.98 **	2.47	3.59
Bagian Stek (B)	1	0.27	0.27	21.62 **	4.22	7.72
N x B	6	1.79	0.29	23.90 **	2.47	3.59
Galat	26	0.32	0.01			
Total	41	4.44				

BNJ 5% :  $Tabel\ BNJ\ X\ \sqrt{\frac{KTG}{r}}$

$$: 5,2X\ \sqrt{\frac{0,01}{s}} = 0,33$$

- Jumlah tunas pada umur 21 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.92	0.46	11.77	2.37	5.53
Perlakuan	13	3.02	0.23	5.92	2.13	2.9
Konsentrasi (N)	6	1.27	0.21	5.40 **	2.47	3.59
Bagian Stek (B)	1	0.01	0.01	0.48 tn	4.22	7.72
N x B	6	1.73	0.28	7.35 **	2.47	3.59
Galat	26	1.02	0.03			
Total	41	4.97				

BNJ 5% :  $Tabel\ BNJ\ X\ \sqrt{\frac{KTG}{r}}$

$$: 5,2X\ \sqrt{\frac{0,03}{s}} = 0,59$$

- Jumlah tunas pada umur 28 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.68	0.34	13.06	2.37	5.53
Perlakuan	13	2.22	0.17	6.56	2.13	2.9
Konsentrasi (N)	6	0.63	0.10	4.03 **	2.47	3.59
Bagian Stek (B)	1	0.005	0.005	0.19 tn	4.22	7.72
N x B	6	1.58	0.26	10.15**	2.47	3.59
Galat	26	0.67	0.02			
Total	41	3.58				

BNJ 5% :  $Tabel\ BNJ\ X\ \sqrt{\frac{KTG}{r}}$

$$: 5,2X \sqrt{\frac{0,02}{s}} = 0,48$$

- Jumlah tunas pada umur 35 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.04	0.02	5.04	2.37	5.53
Perlakuan	13	1.37	0.10	24.67	2.13	2.9
Konsentrasi (N)	6	0.42	0.07	16.61**	2.47	3.59
Bagian Stek (B)	1	0.08	0.08	19.51**	4.22	7.72
N x B	6	0.86	0.14	33.59**	2.47	3.59
Galat	26	0.11	0.004			
Total	41	1.52				

- BNJ 5% :  $Tabel\ BNJ\ X \sqrt{\frac{KTG}{r}}$

$$: 5,2X \sqrt{\frac{0,004}{s}} = 0,19$$

- Jumlah tunas pada umur 42 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.02	0.01	0.97	2.37	5.53
Perlakuan	13	1.30	0.10	7.74	2.13	2.9
Konsentrasi (N)	6	0.38	0.06	4.95 **	2.47	3.59
Bagian Stek (B)	1	0.10	0.10	8.09 **	4.22	7.72
N x B	6	0.81	0.13	10.49 **	2.47	3.59
Galat	26	0.33	0.01			
Total	41	1.66				

- BNJ 5% :  $Tabel\ BNJ\ X \sqrt{\frac{KTG}{r}}$

$$: 5,2X \sqrt{\frac{0,01}{s}} = 0,34$$



• Jumlah tunas pada umur 49 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.02	0.01	0.84	2.37	5.53
Perlakuan	13	1.10	0.08	7.16	2.13	2.9
Konsentrasi (N)	6	0.38	0.06	5.32 **	2.47	3.59
Bagian Stek (B)	1	0.05	0.05	4.28 *	4.22	7.72
N x B	6	0.67	0.11	9.47 **	2.47	3.59
Galat	26	0.30	0.01			
Total	41	1.43				

BNJ 5% :  $Tabel\ BNJ\ X\ \sqrt{\frac{KTG}{r}}$

$$: 5,2X\ \sqrt{\frac{0,01}{8}} = 0,32$$

• Jumlah tunas pada umur 56 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.03	0.01	4.39	2.37	5.53
Perlakuan	13	0.74	0.05	13.39	2.13	2.9
Konsentrasi (N)	6	0.27	0.04	10.56 **	2.47	3.59
Bagian Stek (B)	1	0.03	0.03	8.54 **	4.22	7.72
N x B	6	0.43	0.07	17.02 **	2.47	3.59
Galat	26	0.11	0.004			
Total	41	0.89				

BNJ 5% :  $Tabel\ BNJ\ X\ \sqrt{\frac{KTG}{r}}$

$$: 5,2X\ \sqrt{\frac{0,004}{8}} = 0,19$$

• Jumlah tunas pada umur 63 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.09	0.04	4.30	2.37	5.53
Perlakuan	13	1.87	0.14	12.65	2.13	2.9
Konsentrasi (N)	6	0.46	0.07	6.83 **	2.47	3.59
Bagian Stek (B)	1	0.23	0.23	20.92 **	4.22	7.72
N x B	6	1.16	0.19	17.08 **	2.47	3.59
Galat	26	0.29	0.01			
Total	41	2.26				



$$\text{BNJ 5\% : Tabel BNJ } X \sqrt{\frac{KTG}{r}}$$

$$: 5,2X \sqrt{\frac{0,01}{s}} = 0,32$$

- Jumlah tunas pada umur 70 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	2	0.12	0.06	4.58	2.37
Perlakuan	13	13	1.60	0.12	9.12	2.13
Konsentrasi (N)	6	6	0.41	0.06	5.10	2.47
Bagian Stek (B)	1	1	0.18	0.18	13.90	4.22
N x B	6	6	0.99	0.16	12.34	2.47
Galat	26	26	0.35	0.01		
Total	41	41	2.07			

$$\text{BNJ 5\% : Tabel BNJ } X \sqrt{\frac{KTG}{r}}$$

$$: 5,2X \sqrt{\frac{0,02}{s}} = 0,34$$

#### 8. Panjang Tunas

- Panjang tunas pada umur 14 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.03	0.01	0.81	2.37	5.53
Perlakuan	13	1.65	0.13	8.03	2.13	2.9
Konsentrasi (N)	6	0.64	0.11	6.70 **	2.47	3.59
Bagian Stek (B)	1	0.05	0.05	3.23 tn	4.22	7.72
N x B	6	0.97	0.16	10.16 **	2.47	3.59
Galat	26	0.41	0.02			
Total	41	2.09				

$$\text{BNJ 5\% : Tabel BNJ } X \sqrt{\frac{KTG}{r}}$$

$$: 5,2X \sqrt{\frac{0,02}{s}} = 0,37$$

• Panjang tunas pada umur 21 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.26	0.13	1.55	2.37	5.53
Perlakuan	13	13.25	1.01	11.87	2.13	2.9
Konsentrasi (N)	6	5.82	0.97	11.29 **	2.47	3.59
Bagian Stek (B)	1	0.24	0.24	2.89 tn	4.22	7.72
N x B	6	7.18	1.19	13.94 **	2.47	3.59
Galat	26	2.23	0.08			
Total	41	15.75				

BNJ 5% :  $Tabel\ BNJ\ X\ \sqrt{\frac{KTG}{r}}$   
 $: 5,2X\ \sqrt{\frac{0,08}{5}} = 0,87$

• Panjang tunas pada umur 28 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	1.86	0.93	7.87	2.37	5.53
Perlakuan	13	11.72	0.90	7.63	2.13	2.9
Konsentrasi (N)	6	5.26	0.88	7.42 **	2.47	3.59
Bagian Stek (B)	1	0.08	0.08	0.65 tn	4.22	7.72
N x B	6	6.38	1.06	9.00 **	2.47	3.59
Galat	26	3.07	0.12			
Total	41	16.65				

BNJ 5% :  $Tabel\ BNJ\ X\ \sqrt{\frac{KTG}{r}}$   
 $: 5,2X\ \sqrt{\frac{0,12}{5}} = 1,03$

• Panjang tunas pada umur 35 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.76	0.38	3.38	2.37	5.53
Perlakuan	13	15.24	1.17	10.40	2.13	2.9
Konsentrasi (N)	6	4.84	0.81	7.15 **	2.47	3.59
Bagian Stek (B)	1	1.78	1.78	15.79 **	4.22	7.72
N x B	6	8.62	1.44	12.74 **	2.47	3.59
Galat	26	2.93	0.11			
Total	41	18.93				



$$\text{BNJ } 5\% : \text{Tabel BNJ } X \sqrt{\frac{KTG}{r}}$$

$$: 5,2X \sqrt{\frac{0,11}{5}} = 1,00$$

- Panjang tunas pada umur 42 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.32	0.16	1.16	2.37	5.53
Perlakuan	13	19.70	1.52	11.03	2.13	2.9
Konsentrasi (N)	6	6.57	1.09	7.97 **	2.47	3.59
Bagian Stek (B)	1	2.48	2.48	18.06	4.22	7.72
N x B	6	10.65	1.78	12.93 **	2.47	3.59
Galat	26	3.57	0.14			
Total	41	23.59				

$$\text{BNJ } 5\% : \text{Tabel BNJ } X \sqrt{\frac{KTG}{r}}$$

$$: 5,2X \sqrt{\frac{0,14}{5}} = 1,11$$

- Panjang tunas pada umur 49 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	1.43	0.71	2.84	2.37	5.53
Perlakuan	13	24.91	1.92	7.63	2.13	2.9
Konsentrasi (N)	6	6.24	1.04	4.14**	2.47	3.59
Bagian Stek (B)	1	5.78	5.78	23.03 **	4.22	7.72
N x B	6	12.89	2.15	8.55 **	2.47	3.59
Galat	26	6.53	0.25			
Total	41	32.86				

$$\text{BNJ } 5\% : \text{Tabel BNJ } X \sqrt{\frac{KTG}{r}}$$

$$: 5,2X \sqrt{\frac{0,25}{5}} = 1,50$$

• Panjang tunas pada umur 56 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	3.05	1.52	4.14	2.37	5.53
Perlakuan	13	22.99	1.77	4.81	2.13	2.9
Konsentrasi (N)	6	4.23	0.71	1.92	2.47	3.59
Bagian Stek (B)	1	6.73	6.73	18.29 **	4.22	7.72
N x B	6	12.03	2.00	5.45 **	2.47	3.59
Galat	26	9.57	0.37			
Total	41	35.61				

BNJ 5% :  $Tabel\ BNJ\ X\ \sqrt{\frac{KTG}{r}}$   
 $: 5,2X\ \sqrt{\frac{0,87}{8}} = 1,82$

• Panjang tunas pada umur 63 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	1.13	0.57	4.13	2.37	5.53
Perlakuan	13	18.93	1.46	10.62	2.13	2.9
Konsentrasi (N)	6	4.51	0.75	5.48 **	2.47	3.59
Bagian Stek (B)	1	4.37	4.37	31.87 **	4.22	7.72
N x B	6	10.05	1.68	12.22 **	2.47	3.59
Galat	26	3.57	0.14			
Total	41	23.63				

- BNJ 5% Panjang tunas pada umur 63 hst:

BNJ 5% :  $Tabel\ BNJ\ X\ \sqrt{\frac{KTG}{r}}$   
 $: 5,2X\ \sqrt{\frac{0,14}{8}} = 1,11$

• Panjang tunas pada umur 70 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	0.10	0.05	0.46	2.37	5.53
Perlakuan	13	20.17	1.55	14.20	2.13	2.9
Konsentrasi (N)	6	5.04	0.84	7.69 **	2.47	3.59
Bagian Stek (B)	1	4.06	4.06	37.15 **	4.22	7.72
N x B	6	11.07	1.85	16.90 **	2.47	3.59
Galat	26	2.84	0.11			
Total	41	23.11				



$$\text{BNJ } 5\% : \text{Tabel BNJ } X \sqrt{\frac{KTG}{r}}$$

$$: 5,2X \sqrt{\frac{0,11}{s}} = 0,99$$

## 9. Berat basah (g)

- Berat basah pada Awal tanam

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	2174.30	1087.15	2.63	2.37	5.53
Perlakuan	13	61463.02	4727.92	11.45	2.13	2.9
Konsentrasi (N)	6	2638.13	439.69	1.06 tn	2.47	3.59
Bagian Stek (B)	1	56885.44	56885.44	137.77 **	4.22	7.72
N x B	6	1939.45	323.24	0.78 tn	2.47	3.59
Galat	26	10735.75	412.91			
Total	41	74373.07				

$$\text{BNJ } 5\% : \text{Tabel BNJ } X \sqrt{\frac{KTG}{r}}$$

$$: 5,2X \sqrt{\frac{412,91}{s}} = 23,05$$

- Berat basah pada umur 70 hst

Sumber Keragaman	db	JK	KT	F Hitung	F table 5%	F table 1%
Ulangan	2	1998.23	999.11	1.20	2.37	5.53
Perlakuan	13	179544.02	13811.08	16.54	2.13	2.9
Konsentrasi (N)	6	48353.89	8058.98	9.65 **	2.47	3.59
Bagian Stek (B)	1	120751.17	120751.17	144.59 **	4.22	7.72
N x B	6	10438.96	1739.83	2.08 tn	2.47	3.59
Galat	26	21712.78	835.11			
Total	41	203255.03				

$$\text{BNJ } 5\% : \text{Tabel BNJ } X \sqrt{\frac{KTG}{r}}$$

$$: 5,2X \sqrt{\frac{835,11}{s}} = 61,34$$

## Lampiran 3. Perhitungan Nilai Analisa Korelasi (r)

$$r = \frac{\sum xy - (\sum x)(\sum y)/n}{\sqrt{(\sum x^2 - (\sum x)^2/n)(\sum y^2 - (\sum y)^2/n)}}$$

## 1. Perhitungan Nilai Korelasi

Variabel X: (Muncul Tunas/MT)

terhadap Variabel Y:

$$r = \frac{4858,38 - (250,85)(250,85)/14}{\sqrt{\left(4858,38 - \frac{(250,85)^2}{14}\right)\left(4858,38 - \frac{(250,85)^2}{14}\right)}}$$

$$= 1$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{1\sqrt{14-2}}{\sqrt{1-1^2}} = \infty$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (MT):

$$r = \frac{24072,42 - (1352,38)(250,85)/14}{\sqrt{\left(130884,30 - \frac{(1352,38)^2}{14}\right)\left(4858,38 - \frac{(250,85)^2}{14}\right)}}$$

$$= -0,53 \text{ tn}$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{-0,53\sqrt{14-2}}{\sqrt{1-0,53^2}} = -2,6$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (PTA):

$$r = \frac{24717,19 - (1380,96)(250,85)/14}{\sqrt{\left(136282,60 - \frac{(1380,96)^2}{14}\right)\left(4858,38 - \frac{(250,85)^2}{14}\right)}}$$

$$= -0,17 \text{ tn}$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{-0,17\sqrt{14-2}}{\sqrt{1-0,17^2}} = -0,6$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (PTT):

$$r = \frac{24717,19 - (1380,96)(250,85)/14}{\sqrt{\left(136282,60 - \frac{(1380,96)^2}{14}\right)\left(4858,38 - \frac{(250,85)^2}{14}\right)}}$$

$$= -0,17 \text{ tn}$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{-0,17\sqrt{14-2}}{\sqrt{1-0,17^2}} = -0,6$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (JA):

$$r = \frac{4020,50 - (231,62)(250,85)/14}{\sqrt{\left(3938,34 - \frac{(231,62)^2}{14}\right)\left(4858,38 - \frac{(250,85)^2}{14}\right)}}$$

$$= -0,65 \text{ tn}$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{-0,65\sqrt{14-2}}{\sqrt{1-0,65^2}} = -4$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (JT):

$$r = \frac{787,48 - (44,66)(250,85)/14}{\sqrt{\left(145,72 - \frac{(44,66)^2}{14}\right)\left(4858,38 - \frac{(250,85)^2}{14}\right)}}$$

$$= -0,36 \text{ tn}$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{-0,36\sqrt{14-2}}{\sqrt{1-0,36^2}} = -1,5$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (PA):

$$r = \frac{4529,02 - (257,16)(250,85)/14}{\sqrt{\left(4778,73 - \frac{(257,16)^2}{14}\right)\left(4858,38 - \frac{(250,85)^2}{14}\right)}}$$

$$= -0,55 \text{ tn}$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{-0,55\sqrt{14-2}}{\sqrt{1-0,55^2}} = -2,8$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (PT):

$$r = \frac{5263,30 - (303,86)(250,85)/14}{\sqrt{\left(6910,32 - \frac{(303,86)^2}{14}\right)\left(4858,38 - \frac{(250,85)^2}{14}\right)}}$$

$$= -0,53$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{-0,53\sqrt{14-2}}{\sqrt{1-0,53^2}} = -2,6$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (BB):

$$r = \frac{72218,02 - (4170,11)(250,85)/14}{\sqrt{\left(1303118 - \frac{(4170,11)^2}{14}\right)\left(4858,38 - \frac{(250,85)^2}{14}\right)}}$$

$$= -0,53 \text{ tn}$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{-0,53\sqrt{14-2}}{\sqrt{1-0,53^2}} = -2,6$$

Ftable 5% : 2,13, Ftable 1% : 2,9

## 2. Perhitungan Nilai Korelasi

Variabel X: (Persentase

Tanaman Hidup/PH) terhadap

Variabel Y:

- Y (PH):

$$r = \frac{130884,30 - (1352,38)(1352,38)/14}{\sqrt{\left(130884,3 - \frac{(1352,38)^2}{14}\right)\left(130884,3 - \frac{(1352,38)^2}{14}\right)}}$$

= 1

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{1\sqrt{14-2}}{\sqrt{1-1^2}} = \infty$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (PTA):

$$r = \frac{133447,3 - (1380,96)(1352,38)/14}{\sqrt{\left(136282,6 - \frac{(1380,96)^2}{14}\right)\left(130884,3 - \frac{(1352,38)^2}{14}\right)}}$$

= 0,38 tn

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,38\sqrt{14-2}}{\sqrt{1-0,38^2}} = 1,6$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (PTT):

$$r = \frac{133447,3 - (1380,96)(1352,38)/14}{\sqrt{\left(136282,6 - \frac{(1380,96)^2}{14}\right)\left(130884,3 - \frac{(1352,38)^2}{14}\right)}}$$

= 0,38 tn

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,38\sqrt{14-2}}{\sqrt{1-0,38^2}} = 1,6$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (JA):

$$r = \frac{22466,51 - (231,62)(1352,38)/14}{\sqrt{\left(3938,34 - \frac{(231,62)^2}{14}\right)\left(130884,3 - \frac{(1352,38)^2}{14}\right)}}$$

= 0,57 \*\*

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,57\sqrt{14-2}}{\sqrt{1-0,57^2}} = 2,9$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (JT):

$$r = \frac{4329,56 - (44,66)(1352,38)/14}{\sqrt{\left(145,72 - \frac{(44,66)^2}{14}\right)\left(130884,3 - \frac{(1352,38)^2}{14}\right)}}$$

= 0,54 \*

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,54\sqrt{14-2}}{\sqrt{1-0,54^2}} = 2,7$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (PA):

$$r = \frac{24916,56 - (257,16)(1352,38)/14}{\sqrt{\left(4778,73 - \frac{(257,16)^2}{14}\right)\left(130884,3 - \frac{(1352,38)^2}{14}\right)}}$$

= 0,64 \*\*

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,64\sqrt{14-2}}{\sqrt{1-0,64^2}} = 3,8$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (PT):

$$r = \frac{29480,85 - (303,86)(1352,38)/14}{\sqrt{\left(6910,32 - \frac{(303,86)^2}{14}\right)\left(130884,3 - \frac{(1352,38)^2}{14}\right)}}$$

= 0,46 tn

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,46\sqrt{14-2}}{\sqrt{1-0,46^2}} = 2$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (BB):

$$r = \frac{404855,8 - (4170,11)(1352,38)/14}{\sqrt{\left(1303118 - \frac{(4170,11)^2}{14}\right)\left(130884,3 - \frac{(1352,38)^2}{14}\right)}}$$

= 0,52 \*

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,52\sqrt{14-2}}{\sqrt{1-0,52^2}} = 2,5$$

Ftable 5% : 2,13, Ftable 1% : 2,9

3. Perhitungan Nilai Korelasi

Variabel X: (Persentase Tanaman Berakar/PTA) terhadap Variabel Y:

- Y (PTA):

$$r = \frac{136282,6 - (1380,96)(1380,96)/14}{\sqrt{\left(136282,6 - \frac{(1380,96)^2}{14}\right)\left(136282,6 - \frac{(1380,96)^2}{14}\right)}}$$

= 1

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{1\sqrt{14-2}}{\sqrt{1-1^2}} = \infty$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (PTT):

$$r = \frac{136282,6 - (1380,96)(1380,96)/14}{\sqrt{\left(136282,6 - \frac{(1380,96)^2}{14}\right)\left(136282,6 - \frac{(1380,96)^2}{14}\right)}}$$

= 1



$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{1\sqrt{14-2}}{\sqrt{1-1^2}} = \infty$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (JA):

$$r = \frac{22890,3 - (231,62)(1380,96)/14}{\sqrt{\left(3938,34 - \frac{(231,62)^2}{14}\right)\left(136282,6 - \frac{(1380,96)^2}{14}\right)}}$$

$$= 0,52 *$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,52\sqrt{14-2}}{\sqrt{1-0,52^2}} = 2,5$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (JT):

$$r = \frac{4410,45 - (44,66)(1380,96)/14}{\sqrt{\left(145,72 - \frac{(44,66)^2}{14}\right)\left(136282,6 - \frac{(1380,96)^2}{14}\right)}}$$

$$= 0,35 \text{ tn}$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,35\sqrt{14-2}}{\sqrt{1-0,35^2}} = 1,4$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (PA):

$$r = \frac{25399,51 - (257,16)(1380,96)/14}{\sqrt{\left(4778,73 - \frac{(257,16)^2}{14}\right)\left(136282,6 - \frac{(1380,96)^2}{14}\right)}}$$

$$= 0,55 *$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,55\sqrt{14-2}}{\sqrt{1-0,55^2}} = 2,8$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (PT):

$$r = \frac{29990,63 - (303,86)(1380,96)/14}{\sqrt{\left(6910,32 - \frac{(303,86)^2}{14}\right)\left(136282,6 - \frac{(1380,96)^2}{14}\right)}}$$

$$= 0,12 \text{ tn}$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,12\sqrt{14-2}}{\sqrt{1-0,12^2}} = 0,4$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (BB):

$$r = \frac{411766 - (4170,11)(1380,96)/14}{\sqrt{\left(1303118 - \frac{(4170,11)^2}{14}\right)\left(136282,6 - \frac{(1380,96)^2}{14}\right)}}$$

$$= 0,21 \text{ tn}$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,21\sqrt{14-2}}{\sqrt{1-0,21^2}} = 0,8$$

Ftable 5% : 2,13, Ftable 1% : 2,9

4. Perhitungan Nilai Korelasi

Variabel X: (Persentase

Tanaman Bertunas/PTT)

terhadap Variabel Y:

- Y (PTT):

$$r = \frac{136282,6 - (1380,96)(1380,96)/14}{\sqrt{\left(136282,6 - \frac{(1380,96)^2}{14}\right)\left(136282,6 - \frac{(1380,96)^2}{14}\right)}}$$

$$= 1 \text{ tn}$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{1\sqrt{14-2}}{\sqrt{1-1^2}} = \infty$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (JA):

$$r = \frac{22890,3 - (231,62)(1380,96)/14}{\sqrt{\left(3938,34 - \frac{(231,62)^2}{14}\right)\left(136282,6 - \frac{(1380,96)^2}{14}\right)}}$$

$$= 0,52 *$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,52\sqrt{14-2}}{\sqrt{1-0,52^2}} = 2,5$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (JT):

$$r = \frac{4410,45 - (44,66)(1380,96)/14}{\sqrt{\left(145,72 - \frac{(44,66)^2}{14}\right)\left(136282,6 - \frac{(1380,96)^2}{14}\right)}}$$

$$= 0,35 \text{ tn}$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,35\sqrt{14-2}}{\sqrt{1-0,35^2}} = 1,4$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (PA):

$$r = \frac{25399,51 - (256,16)(1380,96)/14}{\sqrt{\left(4778,73 - \frac{(256,16)^2}{14}\right)\left(136282,6 - \frac{(1380,96)^2}{14}\right)}}$$

$$= 0,55 *$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,55\sqrt{14-2}}{\sqrt{1-0,55^2}} = 2,8$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (PT):

$$r = \frac{29990,63 - (303,86)(1380,96)/14}{\sqrt{\left(6910,32 - \frac{(303,86)^2}{14}\right)\left(136282,6 - \frac{(1380,96)^2}{14}\right)}}$$

$$= 0,12 \text{ tn}$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,12\sqrt{14-2}}{\sqrt{1-0,12^2}} = 0,4$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (BB):

$$r = \frac{411766 - (4170,11)(1380,96)/14}{\sqrt{\left(1303118 - \frac{(4170,11)^2}{14}\right)\left(136282,6 - \frac{(1380,96)^2}{14}\right)}} = 0,21 \text{ tn}$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,21\sqrt{14-2}}{\sqrt{1-0,21^2}} = 0,8$$

Ftable 5% : 2,13, Ftable 1% : 2,9

5. Perhitungan Nilai Korelasi

Variabel X: (Jumlah Akar/JA)  
terhadap Variabel Y:

- Y (JA):

$$r = \frac{3938,34 - (231,62)(231,62)/14}{\sqrt{\left(3938,34 - \frac{(231,62)^2}{14}\right)\left(13938,34 - \frac{(231,62)^2}{14}\right)}} = 1$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{1\sqrt{14-2}}{\sqrt{1-1^2}} = \infty$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (JT):

$$r = \frac{749,27 - (44,66)(231,62)/14}{\sqrt{\left(145,72 - \frac{(44,66)^2}{14}\right)\left(3938,34 - \frac{(231,62)^2}{14}\right)}} = 0,55 *$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,55\sqrt{14-2}}{\sqrt{1-0,55^2}} = 2,8$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (PA):

$$r = \frac{4322,08 - (257,16)(231,62)/14}{\sqrt{\left(3938,34 - \frac{(231,62)^2}{14}\right)\left(4778,73 - \frac{(257,16)^2}{14}\right)}} = 0,88 **$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,88\sqrt{14-2}}{\sqrt{1-0,88^2}} = 13,8$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (PT):

$$r = \frac{5132,7 - (303,86)(231,62)/14}{\sqrt{\left(3938,34 - \frac{(231,62)^2}{14}\right)\left(6910,32 - \frac{(303,86)^2}{14}\right)}} = 0,57 **$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,57\sqrt{14-2}}{\sqrt{1-0,57^2}} = 3$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (BB):

$$r = \frac{70169,95 - (4170,11)(231,62)/14}{\sqrt{\left(3938,34 - \frac{(231,62)^2}{14}\right)\left(1303118 - \frac{(4170,11)^2}{14}\right)}} = 0,46 \text{ tn}$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,46\sqrt{14-2}}{\sqrt{1-0,46^2}} = 2$$

Ftable 5% : 2,13, Ftable 1% : 2,9

6. Perhitungan Nilai Korelasi

Variabel X: (Jumlah Tunas/JT)  
terhadap Variabel Y:

- Y (JT):

$$r = \frac{145,72 - (44,66)(44,66)/14}{\sqrt{\left(145,72 - \frac{(44,66)^2}{14}\right)\left(145,72 - \frac{(44,66)^2}{14}\right)}} = 1$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{1\sqrt{14-2}}{\sqrt{1-1^2}} = \infty$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (PA):

$$r = \frac{828,14 - (257,16)(44,66)/14}{\sqrt{\left(4778,73 - \frac{(257,16)^2}{14}\right)\left(145,72 - \frac{(44,66)^2}{14}\right)}} = 0,58 **$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,58\sqrt{14-2}}{\sqrt{1-0,58^2}} = 3,1$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (PT):

$$r = \frac{988,93 - (303,86)(44,66)/14}{\sqrt{\left(6910,32 - \frac{(303,86)^2}{14}\right)\left(145,72 - \frac{(44,66)^2}{14}\right)}} = 0,61 **$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,61\sqrt{14-2}}{\sqrt{1-0,61^2}} = 3,4$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (BB):

$$r = \frac{13480,96 - (4170,11)(44,66)/14}{\sqrt{\left(1303118 - \frac{(4170,11)^2}{14}\right)\left(145,72 - \frac{(44,66)^2}{14}\right)}} = 0,39 \text{ tn}$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,39\sqrt{14-2}}{\sqrt{1-0,39^2}} = 1,6$$

Ftable 5% : 2,13, Ftable 1% : 2,9

7. Perhitungan Nilai Korelasi  
Variabel X: (Panjang Akar/PA)  
terhadap Variabel Y:

- Y (PA):

$$r = \frac{4778,73 - (257,16)(257,16)/14}{\sqrt{\left(4778,73 - \frac{(257,16)^2}{14}\right)\left(4778,73 - \frac{(257,16)^2}{14}\right)}} = 1$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{1\sqrt{14-2}}{\sqrt{1-1^2}} = \infty$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (PT):

$$r = \frac{5678,13 - (257,16)(303,86)/14}{\sqrt{\left(4778,73 - \frac{(257,16)^2}{14}\right)\left(6910,32 - \frac{(303,86)^2}{14}\right)}} = 0,73 **$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,73\sqrt{14-2}}{\sqrt{1-0,73^2}} = 5,5$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (BB):

$$r = \frac{77786,01 - (257,16)(4170,11)/14}{\sqrt{\left(4778,73 - \frac{(257,16)^2}{14}\right)\left(1303118 - \frac{(4170,11)^2}{14}\right)}} = 0,64 **$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,64\sqrt{14-2}}{\sqrt{1-0,64^2}} = 3,9$$

Ftable 5% : 2,13, Ftable 1% : 2,9

8. Perhitungan Nilai Korelasi  
Variabel X: (Panjang Tunas/PT)  
terhadap Variabel Y:

- Y (PT):

$$r = \frac{4778,73 - (257,16)(257,16)/14}{\sqrt{\left(4778,73 - \frac{(257,16)^2}{14}\right)\left(4778,73 - \frac{(257,16)^2}{14}\right)}} = 1$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{1\sqrt{14-2}}{\sqrt{1-1^2}} = \infty$$

Ftable 5% : 2,13, Ftable 1% : 2,9

- Y (BB):

$$r = \frac{5678,13 - (257,16)(303,86)/14}{\sqrt{\left(6910,32 - \frac{(303,86)^2}{14}\right)\left(4778,73 - \frac{(257,16)^2}{14}\right)}} = 0,73 **$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{0,73\sqrt{14-2}}{\sqrt{1-0,73^2}} = 5,5$$

Ftable 5% : 2,13, Ftable 1% : 2,9

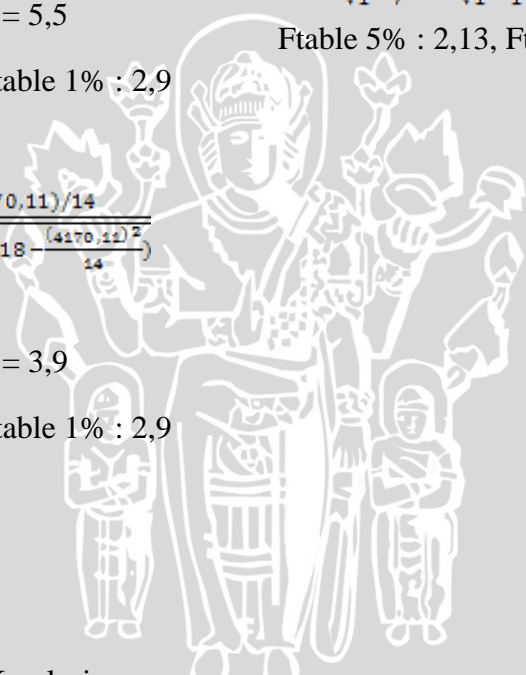
9. Perhitungan Nilai Korelasi  
Variabel X: (Bobot Basah/BB)  
terhadap Variabel Y:

- Y (BB):

$$r = \frac{6910,32 - (303,86)(303,86)/14}{\sqrt{\left(6910,32 - \frac{(303,86)^2}{14}\right)\left(6910,32 - \frac{(303,86)^2}{14}\right)}} = 1$$

$$t_{hit} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}} = \frac{1\sqrt{14-2}}{\sqrt{1-1^2}} = \infty$$

Ftable 5% : 2,13, Ftable 1% : 2,9



Lampiran 4. Dokumentasi Penelitian

Gambar 9. Dokumentasi Akhir

1. Sampel Destruktif 1



U1 (Batang Atas)



U1 (Batang Bawah)



U2 (Batang Atas)



U2 (Batang Bawah)



U3 (Batang Atas)



U3 (Batang Bawah)

2. Sampel Destruktif 2



U1 (Batang Atas)



U1 (Batang Bawah)



U2 (Batang Atas)



U2 (Batang Bawah)



U3 (Batang Atas)



U3 (Batang Bawah)

### 3. Sampel Destruktif 3



U1 (Batang Atas)



U1 (Batang Bawah)



U2 (Batang Atas)



U2 (Batang Bawah)



U3 (Batang Atas)



U3 (Batang Bawah)

4. Sampel Destruktif 4



U1 (Batang Atas)



U1 (Batang Bawah)



U2 (Batang Atas)



U2 (Batang Bawah)



U3 (Batang Atas)



U3 (Batang Bawah)

5. Pengamatan Akhir Sampel Non-Destruktif (70 hst)



U1 (Batang Atas)



U1 (Batang Bawah)



U2 (Batang Atas)



U2 (Batang Bawah)



U3 (Batang Atas)



U3 (Batang Bawah)



Gambar 10. Kegiatan selama penelitian



Pasta ZPT



Pengolesan ZPT



Tanaman yang sudah dicabut dari polybag



Pengukuran panjang akar



Akar yang tumbuh dari batang



Pengukuran panjang tunas



Tunas yang tumbuh

