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# **LAMPIRAN**

Keterangan : Jika sig < 0,05 berarti signifikan ( berbeda nyata )

Jika sig > 0,05 berarti tidak signifikan ( tidak berbeda nyata ).

### Lampiran 1.

#### Pertambahan tinggi tanaman (cm)

##### Tests of Between-Subjects Effects

Dependent Variable: TINGGI TANAMAN

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	261.039 <sup>a</sup>	15	17.403	5.257	.000
Intercept	6115.567	1	6115.567	1847.371	.000
NPK	200.934	3	66.978	20.233	.000
MIKORIZA	36.367	3	12.122	3.662	.022
NPK * MIKORIZA	23.737	9	2.637	.797	.622
Error	105.933	32	3.310		
Total	6482.540	48			
Corrected Total	366.973	47			

\*(signifikan)

\*(signifikan)

a. R Squared = .711 (Adjusted R Squared = .576)

##### TINGGI TANAMAN

Duncan <sup>a,b</sup>		Subset		
NPK	N	1	2	3
.00	12	8,2000		
1.00	12		10,8417	
2.00	12			12,4333
3.00	12			13,6750
Sig.		1,000	1,000	0,104

Means for groups in homogeneous subsets are displayed. Based on observed means. The error term is Mean Square(Error) = 3,310. a. Uses Harmonic Mean Sample Size = 12,000. b. Alpha = ,05.

##### TINGGI TANAMAN

Duncan <sup>a,b</sup>		Subset	
MIKORIZA	N	1	2
.00	12	10,4833	
1.00	12	10,6833	
2.00	12	11,2750	11,2750
3.00	12		12,7083
Sig.		0,323	0,063

Means for groups in homogeneous subsets are displayed. Based on observed means. The error term is Mean Square(Error) = 3,310. a. Uses Harmonic Mean Sample Size = 12,000. b. Alpha = ,05.

## Lampiran 2

### Pertambahan jumlah daun (helai)

#### Tests of Between-Subjects Effects

Dependent Variable: JUMLAH DAUN

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	12.646 <sup>a</sup>	15	.843	2.890	.006
Intercept	981.021	1	981.021	3363.500	.000
NPK	4.396	3	1.465	5.024	.006
MIKORIZA	1.063	3	.354	1.214	.320
NPK * MIKORIZA	7.187	9	.799	2.738	.017
Error	9.333	32	.292		
Total	1003.000	48			
Corrected Total	21.979	47			

\*(signifikan)

a. R Squared = ,575 (Adjusted R Squared = ,376)

#### JUMLAH DAUN

Duncan a,b

NPK	N	Subset	
		1	2
.00	12	4.000	
1.00	12		4.667
2.00	12		4.667
3.00	12		4.500
Sig.		1.000	.725

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = ,292.

a Uses Harmonic Mean Sample Size = 12,000.

b Alpha = ,05.

### Lampiran 3.

#### Pertambahan diameter batang (cm)

##### Tests of Between-Subjects Effects

Dependent Variable: Diameter Batang

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	356.961 <sup>a</sup>	15	23.797	1.982	.051
Intercept	35354.735	1	35354.735	2944.745	.000
NPK	256.406	3	85.469	7.119	.001
MIKORIZA	19.847	3	6.616	.551	.651
NPK * MIKORIZA	80.709	9	8.968	.747	.664
Error	384.193	32	12.006		
Total	36095.890	48			
Corrected Total	741.155	47			

\*(signifikan)

a. R Squared = .482 (Adjusted R Squared = .239)

#### Pertambahan diameter batang (cm)

##### Diameter Batang (cm)

NPK	Duncan <sup>a,b</sup>	N	Subset		
			1	2	3
.00		12	23,9167		
1.00		12	26,7667	26,7667	
2.00		12		27,4583	
3.00		12			30,4167
Sig.			0,052	0,628	1,000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 12.006. a. Uses Harmonic Mean Sample Size = 12.000. b. Alpha = ,05.

## Lampiran 4.

### Berat segar tanaman (g)

#### Tests of Between-Subjects Effects

Dependent Variable: Berat Segar Tanaman

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	15435.250 <sup>a</sup>	15	1029.017	5.324	.000
Intercept	228804.083	1	228804.083	1183.852	.000
NPK	10598.417	3	3532.806	18.279	.000
MIKORIZA	1321.750	3	440.583	2.280	.098
NPK * MIKORIZA	3515.083	9	390.565	2.021	.070
Error	6184.667	32	193.271		
Total	250424.000	48			
Corrected Total	21619.917	47			

\*(signifikan)

a. R Squared = .714 (Adjusted R Squared = .580)

### Berat segar tanaman (g)

#### Berat Segar Tanaman (g)

NPK		N	Subset		
			1	2	3
Duncan <sup>a,b</sup>	.00	12	46,9167		
	1.00	12		69,1667	
	2.00	12		71,3333	
	3.00	12			88,7500
	Sig.		1,000	0,705	1,000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 193.271. a. Uses Harmonic Mean Sample Size = 12.000. b. Alpha = ,05.

## Lampiran 5.

### Berat segar tajuk (g)

#### Tests of Between-Subjects Effects

Dependent Variable: Berat Segar Tajuk

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	10053.250 <sup>a</sup>	15	670.217	5.644	.000
Intercept	126690.750	1	126690.750	1066.869	.000
NPK	6328.917	3	2109.639	17.765	.000
MIKORIZA	944.250	3	314.750	2.651	.066
NPK * MIKORIZA	2780.083	9	308.898	2.601	.022
Error	3800.000	32	118.750		
Total	140544.000	48			
Corrected Total	13853.250	47			

\*(signifikan)

\*(signifikan)

a. R Squared = .726 (Adjusted R Squared = .597)

### Berat segar tajuk (g)

#### Berat Segar Tajuk (g)

NPK		N	Subset		
			1	2	3
Duncan <sup>a,b</sup>	.00	12	34,1667		
	1.00	12		52,0000	
	2.00	12		52,8333	
	3.00	12			66,5000
	Sig.		1,000	0,853	1,000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 118.750. a. Uses Harmonic Mean Sample Size = 12.000. b. Alpha = ,05.

**Berat segar tajuk (g)**

		<b>Berat Segar Tajuk (g)</b>		
MIKORIZA		N	Subset	
			1	2
Duncan <sup>a,b</sup>	.00	12	44,7500	
	1.00	12	51,7500	51,7500
	2.00	12	51,7500	51,7500
	3.00	12		57,2500
	Sig.		0,147	0,252

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 118.750. a. Uses Harmonic Mean Sample Size = 12.000. b. Alpha = ,05.

**Berat segar tajuk (g)**

## Berat segar tajuk

Duncan a.b

INTERAKSI NPKxMIKORIZA	N	Subset for alpha = 0.05			
		1	2	3	4
M0N0	3	24.67			
N0M3	3	33.33			
N0M1	3	37.33			
N0M2	3	41.33			
N1M2	3		45.33		
N3M0	3		47.00		
N2M0	3		48.00		
N1M3	3		50.33		
N2M2	3		50.67		
N1M1	3		53.00		
N2M1	3			56.33	
N2M3	3			56.33	
N1M0	3			59.33	
N3M1	3			60.33	
N3M2	3				69.67
N3M3	3				89.00
Sig.		.095	.066	.078	.079

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 3.000.

## Lampiran 6.

### Berat segar akar (g).

#### Tests of Between-Subjects Effects

Dependent Variable: Berat Segar Akar

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	923.813 <sup>a</sup>	15	61.588	2.178	.032
Intercept	14248.521	1	14248.521	504.001	.000
NPK	704.229	3	234.743	8.303	.000
MIKORIZA	81.229	3	27.076	.958	.425
NPK * MIKORIZA	138.354	9	15.373	.544	.831
Error	904.667	32	28.271		
Total	16077.000	48			
Corrected Total	1828.479	47			

\*(signifikan)

a. R Squared = .505 (Adjusted R Squared = .273)

### Berat segar akar (g).

NPK	Berat Segar Akar			
	N	Subset 1	2	3
Duncan <sup>a,b</sup>	.00	12	12,8333	
	2.00	12	15,2500	15,2500
	1.00	12		17,6667
	3.00	12		23,1667
Sig.			0,274	0,274
				1,000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 28.271. a. Uses Harmonic Mean Sample Size = 12.000. b. Alpha = ,05.

## Lampiran 7.

### Berat kering tanaman (g).

#### Tests of Between-Subjects Effects

Dependent Variable: Berat Kering Tanaman

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	806.160 <sup>a</sup>	15	53.744	1.054	.432
Intercept	26873.028	1	26873.028	526.821	.000
NPK	359.884	3	119.961	2.352	.091
MIKORIZA	34.865	3	11.622	.228	.876
NPK * MIKORIZA	411.411	9	45.712	.896	.540
Error	1632.315	32	51.010		
Total	29311.502	48			
Corrected Total	2438.474	47			

a. R Squared = .331 (Adjusted R Squared = .017)

## Lampiran 8.

### Berat kering tajuk (g).

#### Tests of Between-Subjects Effects

Dependent Variable: Berat Kering Tajuk

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	734.363 <sup>a</sup>	15	48.958	1.896	.063
Intercept	12411.509	1	12411.509	480.700	.000
NPK	478.215	3	159.405	6.174	.002
MIKORIZA	10.929	3	3.643	.141	.935
NPK * MIKORIZA	245.219	9	27.247	1.055	.421
Error	826.230	32	25.820		
Total	13972.102	48			
Corrected Total	1560.593	47			

a. R Squared = .471 (Adjusted R Squared = .222)

\*(signifikan)

**Berat kering tajuk (g).**

NPK		N	Subset	
			1	2
Duncan <sup>a,b</sup>	.00	12	10,8742	
	1.00	12		16,8308
	3.00	12		17,2450
	2.00	12		19,3708
	Sig.		1,000	0,257

Means for groups in homogeneous subsets are displayed.  
Based on observed means.

The error term is Mean Square(Error) = 25.820. a. Uses Harmonic Mean Sample Size = 12.000. b. Alpha = ,05.

**Lampiran 9.****Berat kering akar (g).****Tests of Between-Subjects Effects**

Dependent Variable: Berat Kering Akar

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	180.118 <sup>a</sup>	15	12.008	2.872	.006
Intercept	2365.038	1	2365.038	565.699	.000
NPK	134.110	3	44.703	10.693	.000
MIKORIZA	12.052	3	4.017	.961	.423
NPK * MIKORIZA	33.956	9	3.773	.902	.535
Error	133.784	32	4.181		
Total	2678.940	48			
Corrected Total	313.901	47			

\*(signifikan)

a. R Squared = .574 (Adjusted R Squared = .374)

**Berat kering akar (g).**

NPK		N	Subset		
			1	2	3
Duncan <sup>a,b</sup>	.00	12	4,9842		
	2.00	12	6,2917	6,2917	
	1.00	12		7,2417	
	3.00	12			9,5600
	Sig.		0,127	0,264	1,000

Means for groups in homogeneous subsets are displayed.  
Based on observed means.

The error term is Mean Square(Error) = 4.181. a. Uses Harmonic Mean Sample Size = 12.000. b. Alpha = ,05.

## Lampiran 10.

### Panjang akar (cm).

#### Tests of Between-Subjects Effects

Dependent Variable: Panjang Akar

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	2284.503 <sup>a</sup>	15	152.300	8.393	.000
Intercept	55406.430	1	55406.430	3053.292	.000
NPK	1147.153	3	382.384	21.072	.000
MIKORIZA	578.972	3	192.991	10.635	.000
NPK * MIKORIZA	558.378	9	62.042	3.419	.005
Error	580.687	32	18.146		
Total	58271.620	48			
Corrected Total	2865.190	47			

\*(signifikan)

\*(signifikan)

\*(signifikan)

a. R Squared = .797 (Adjusted R Squared = .702)

### Panjang akar (cm).

#### Panjang Akar (cm)

NPK		N	Subset		
			1	2	3
Duncan <sup>a,b</sup>	.00	12	27,1583		
	2.00	12		33,1917	
	1.00	12		34,6417	
	3.00	12			40,9083
	Sig.		1,000	0,411	1,000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 18.146. a. Uses Harmonic Mean Sample Size = 12.000. b. Alpha = ,05.

**Panjang akar (cm).**

MIKORIZA		Panjang Akar (cm)			
		N	Subset 1	2	3
Duncan <sup>a,b</sup>	.00	12	29,4500		
	1.00	12		33,4750	
	2.00	12		33,7583	
	3.00	12			39,2167
	Sig.		1,000	0,872	1,000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 18.146. a. Uses Harmonic Mean Sample Size = 12.000. b. Alpha = ,05.

**Panjang akar (cm).**

Duncan <sup>a,b</sup>		panjang akar			
		Subset for alpha = 0.05			
INTERAKSI NPKxMIKORIZA	N	1	2	3	4
NOM1	3	21,5000			
M0N0	3	24,3667			
NOM2	3	28,2667			
N3M0	3	29,1667			
N2M0	3		30,6667		
N1M2	3		31,1667		
N2M2	3		31,8333		
N1M0	3		33,6000		
N0M3	3		34,5000		
N2M1	3		34,9333		
N2M3	3		35,3333		
N1M3	3		36,2667		
N1M1	3			37,5333	
N3M1	3			39,9333	
N3M2	3			43,7667	
N3M3	3				50,7667
Sig.		0,066	0,100	0,056	0,053

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

## Lampiran 11.

### Volume akar (ml).

#### Tests of Between-Subjects Effects

Dependent Variable: Volume Akar

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	2121.667 <sup>a</sup>	15	141.444	6.503	.000
Intercept	27456.333	1	27456.333	1262.360	.000
NPK	960.667	3	320.222	14.723	.000
MIKORIZA	861.500	3	287.167	13.203	.000
NPK * MIKORIZA	299.500	9	33.278	1.530	.180
Error	696.000	32	21.750		
Total	30274.000	48			
Corrected Total	2817.667	47			

\*(signifikan)

\*(signifikan)

a. R Squared = .753 (Adjusted R Squared = .637)

#### Volume Akar

MIKORIZA		N	Subset	
			1	2
Duncan <sup>a,b</sup>	.00	12	18,0833	
	1.00	12	21,6667	
	3.00	12		27,8333
	2.00	12		28,0833
	Sig.		0,069	0,896

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 21.750. a. Uses Harmonic Mean Sample Size = 12.000. b. Alpha = ,05.

**Volume**

**akar (ml).**

		<b>Volume Akar(ml)</b>			
NPK		N	Subset		
			1	2	3
Duncan <sup>a,b</sup>	.00	12	18,9167		
	1.00	12	20,7500		
	2.00	12		25,5833	
	3.00	12			30,4167
	Sig.		0,343	1,000	1,000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 21.750. a. Uses Harmonic Mean Sample Size = 12.000. b. Alpha = ,05.

## Lampiran 12. Dokumentasi penelitian.

