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LAMPIRAN

Layout penelitian

K0D2U3	K3D0U1	K3D2U2	K1D1U3	K2D0U3	K0D3U2
K3D2U1	K3D3U3	K0D1U3	K1D2U1	K3D0U2	K2D2U2
K1D3U3	K0D0U2	K2D3U3	K3D2U3	K0D0U3	K1D1U2
K2D3U2	K2D1U3	K1D0U1	K2D1U2	K1D3U1	K3D0U3
K0D2U1	K2D2U1	K2D0U2	K0D0U1	K2D1U1	K0D2U2
K3D1U3	K1D2U2	K1D0U2	K3D3U2	K3D1U1	K1D1U1
K2D3U1	K0D1U1	K1D3U2	K1D2U3	K0D1U2	K3D3U1
K0D3U3	K2D0U1	K3D1U2	K0D3U1	K2D2U3	K1D0U3

Keterangan :

Faktor pertama = konsentrasi PGPR terdiri dari 4 aras yaitu:

K0 = Kontrol (tanpa PGPR)

K1 = 10 ml/liter

K2 = 20 ml/liter

K3 = 30 ml/liter

Faktor Kedua = Dosis pupuk fosfat (TSP) terdiri dari 4 aras yaitu :

D0 = 0 g/polybag (tanpa pupuk P)

D1 = 0,2 g/polybag

D2 = 0,3 g/polybag

D3 = 0,4 g/polybag

Lampiran 1. Dokumentasi Penelitian



Gambar 1. Pupuk Fosfat dan PGPR



Gambar 2. Pelarutan PGPR



Gambar 3. Persiapan Media Tanam



Gambar 4. Pengaplikasian Pupuk Fosfat



Gambar 5. Pengaplikasian PGPR

Lampiran 2. Output Analisis

OUTPUT STATISTIK

Tests of Between-Subjects Effects

Dependent Variable: Tinggi Bibit

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	37.293 ^a	15	2.486	1.207	.316
Intercept	37330.207	1	37330.207	18126.960	.000
Konsentrasi_PGPR	8.354	3	2.785	1.352	.275
Dosis_Fosfat	12.331	3	4.110	1.996	.134
Konsentrasi_PGPR * Dosis_Fosfat	16.608	9	1.845	.896	.540
Error	65.900	32	2.059		
Total	37433.400	48			
Corrected Total	103.193	47			

Tinggi Bibit			Tinggi Bibit		
Duncan ^{a,b}			Duncan ^{a,b}		
Konsentrasi PGPR	N	Subset 1	Dosis Fosfat	N	Subset 1
20 ml	12	27.2000	0,4 g	12	27.4167
10 ml	12	27.9917	0 g	12	27.4583
0 ml	12	28.0333	0,3 g	12	28.0083
30 ml	12	28.3250	0,2 g	12	28.6667
Sig.		.087	Sig.		.058

Tests of Between-Subjects Effects

Dependent Variable: Jumlah Daun

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	4.000 ^a	15	.267	1.280	.270
Intercept	901.333	1	901.333	4326.400	.000
Konsentrasi_PGPR	.500	3	.167	.800	.503
Dosis_Fosfat	2.167	3	.722	3.467	.027
Konsentrasi_PGPR * Dosis_Fosfat	1.333	9	.148	.711	.695
Error	6.667	32	.208		
Total	912.000	48			
Corrected Total	10.667	47			

Jumlah Daun

Duncan^{a,b}

Konsentrasi PGPR	N	Subset
		1
10 ml	12	4.2500
0 ml	12	4.2500
20 ml	12	4.3333
30 ml	12	4.5000
Sig.		.230

Jumlah Daun

Duncan^{a,b}

Dosis Fosfat	N	Subset		
		1	2	3
0 g	12	4.0833		
0,2 g	12	4.1667	4.1667	
0,3 g	12		4.5000	4.5000
0,4 g	12			4.5833
Sig.		.658	.083	.658

Tests of Between-Subjects Effects

Dependent Variable: Luas Daun

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	6805.181 ^a	15	453.679	.746	.722
Intercept	751675.935	1	751675.935	1235.358	.000
Konsentrasi_PGPR	2118.752	3	706.251	1.161	.340
Dosis_Fosfat	542.137	3	180.712	.297	.827
Konsentrasi_PGPR * Dosis_Fosfat	4144.292	9	460.477	.757	.656
Error	19470.973	32	608.468		
Total	777952.090	48			
Corrected Total	26276.155	47			

Luas Daun			Luas Daun		
Duncan ^{a,b}			Duncan ^{a,b}		
Konsentrasi PGPR	N	Subset 1	Dosis Fosfat	N	Subset 1
10 ml	12	113.7917	0 g	12	121.0583
0 ml	12	127.3333	0,4 g	12	122.6917
30 ml	12	128.9833	0,2 g	12	127.6250
20 ml	12	130.4500	0,3 g	12	129.1833
Sig.		.140	Sig.		.470

Tests of Between-Subjects Effects

Dependent Variable: Diameter Batang

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	7.279 ^a	15	.485	3.513	.001
Intercept	1507.521	1	1507.521	10914.178	.000
Konsentrasi_PGPR	.683	3	.228	1.647	.198
Dosis_Fosfat	3.884	3	1.295	9.374	.000
Konsentrasi_PGPR * Dosis_Fosfat	2.713	9	.301	2.182	.051
Error	4.420	32	.138		
Total	1519.220	48			
Corrected Total	11.699	47			

Diameter Batang

Duncan^{a,b}

Konsentrasi PGPR	N	Subset
		1
10 ml	12	5.4000
20 ml	12	5.6500
0 ml	12	5.6667
30 ml	12	5.7000
Sig.		.079

Diameter Batang

Duncan^{a,b}

Dosis Fosfat	N	Subset	
		1	2
0 g	12	5.3417	
0,2 g	12	5.4667	
0,3 g	12	5.5250	
0,4 g	12		6.0833
Sig.		.263	1.000

Tests of Between-Subjects Effects

Dependent Variable: Berat Segar Tajuk

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	11.998 ^a	15	.800	14.675	.000
Intercept	654.680	1	654.680	12011.564	.000
Konsentrasi_PGPR	4.429	3	1.476	27.088	.000
Dosis_Fosfat	1.728	3	.576	10.571	.000
Konsentrasi_PGPR * Dosis_Fosfat	5.840	9	.649	11.905	.000
Error	1.744	32	.055		
Total	668.422	48			
Corrected Total	13.742	47			

Berat Segar Tajuk

Duncan^{a,b}

Konsentrasi PGPR	N	Subset		
		1	2	3
0 ml	12	3.2892		
20 ml	12		3.6433	
10 ml	12		3.6958	
30 ml	12			4.1442
Sig.		1.000	.586	1.000

Berat Segar Tajuk

Duncan^{a,b}

Dosis Fosfat	N	Subset		
		1	2	3
0,2 g	12	3.3967		
0,3 g	12		3.6742	
0,4 g	12		3.7958	3.7958
0 g	12			3.9058
Sig.		1.000	.211	.257

Tests of Between-Subjects Effects

Dependent Variable: Berat Kering Tajuk

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.120 ^a	15	.008	14.675	.000
Intercept	6.547	1	6.547	12011.564	.000
Konsentrasi_PGPR	.044	3	.015	27.088	.000
Dosis_Fosfat	.017	3	.006	10.571	.000
Konsentrasi_PGPR * Dosis_Fosfat	.058	9	.006	11.905	.000
Error	.017	32	.001		
Total	6.684	48			
Corrected Total	.137	47			

Berat Kering Tajuk

Duncan^{a,b}

Konsentrasi PGPR	N	Subset		
		1	2	3
0 ml	12	.3289		
20 ml	12		.3643	
10 ml	12		.3696	
30 ml	12			.4144
Sig.		1.000	.586	1.000

Berat Kering Tajuk

Duncan^{a,b}

Dosis Fosfat	N	Subset		
		1	2	3
0,2 g	12	.3397		
0,3 g	12		.3674	
0,4 g	12		.3796	.3796
0 g	12			.3906
Sig.		1.000	.211	.257

Tests of Between-Subjects Effects

Dependent Variable: Berat Segar Akar

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	3.892 ^a	15	.259	12.428	.000
Intercept	86.216	1	86.216	4129.265	.000
Konsentrasi_PGPR	2.469	3	.823	39.413	.000
Dosis_Fosfat	.844	3	.281	13.480	.000
Konsentrasi_PGPR * Dosis_Fosfat	.579	9	.064	3.083	.009
Error	.668	32	.021		
Total	90.776	48			
Corrected Total	4.560	47			

Berat Segar Akar

Duncan^{a,b}

Konsentrasi PGPR	N	Subset			
		1	2	3	4
0 ml	12	1.0525			
10 ml	12		1.2158		
20 ml	12			1.4400	
30 ml	12				1.6525
Sig.		1.000	1.000	1.000	1.000

Berat Segar Akar

Duncan^{a,b}

Dosis Fosfat	N	Subset		
		1	2	3
0,2 g	12	1.1808		
0 g	12	1.2725	1.2725	
0,3 g	12		1.3683	
0,4 g	12			1.5392
Sig.		.130	.114	1.000

Tests of Between-Subjects Effects

Dependent Variable: Berat Kering Akar

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.039 ^a	15	.003	12.428	.000
Intercept	.862	1	.862	4129.265	.000
Konsentrasi_PGPR	.025	3	.008	39.413	.000
Dosis_Fosfat	.008	3	.003	13.480	.000
Konsentrasi_PGPR * Dosis_Fosfat	.006	9	.001	3.083	.009
Error	.007	32	.000		
Total	.908	48			
Corrected Total	.046	47			

Berat Kering Akar

Duncan^{a,b}

Konsentrasi PGPR	N	Subset			
		1	2	3	4
0 ml	12	.1053			
10 ml	12		.1216		
20 ml	12			.1440	
30 ml	12				.1653
Sig.		1.000	1.000	1.000	1.000

Berat Kering Akar

Duncan^{a,b}

Dosis Fosfat	N	Subset		
		1	2	3
0,2 g	12	.1181		
0 g	12	.1273	.1273	
0,3 g	12		.1368	
0,4 g	12			.1539
Sig.		.130	.114	1.000