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Lampiran 1: Hasil Pengolahan Data

Descriptive Statistics

Dependent Variable: Tinggi_Tanaman

Pupuk_Organik_Ca ir	NPK	Mean	Std.	N
			Deviation	
P0	N0	12.1667	3.88373	3
	N1	14.0000	3.60555	3
	N2	14.6667	1.52753	3
	N3	15.1667	1.60728	3
	Total	14.0000	2.72196	12
P1	N0	13.5000	1.80278	3
	N1	15.0000	2.00000	3
	N2	13.8333	4.07226	3
	N3	15.6667	1.75594	3
	Total	14.5000	2.39317	12
P2	N0	12.1000	1.01489	3
	N1	14.0000	1.73205	3
	N2	12.8667	1.41539	3
	N3	13.9000	1.15326	3
	Total	13.2167	1.41668	12
P3	N0	15.5333	3.93107	3
	N1	14.8000	1.31149	3
	N2	13.7333	2.19393	3
	N3	11.8333	.76376	3
	Total	13.9750	2.49367	12
Total	N0	13.3250	2.90583	12
	N1	14.4500	2.04339	12
	N2	13.7750	2.26319	12
	N3	14.1417	1.94116	12
	Total	13.9229	2.28345	48

Tests of Between-Subjects Effects

Dependent Variable: Tinggi_Tanaman

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	65.365 ^a	15	4.358	.776	.693
Intercept	9304.685	1	9304.685	1656.928	.000
Pupuk_Organik_Cair	10.086	3	3.362	.599	.621
NPK	8.461	3	2.820	.502	.683
Pupuk_Organik_Cair * NPK	46.819	9	5.202	.926	.516
Error	179.700	32	5.616		
Total	9549.750	48			
Corrected Total	245.065	47			

a. R Squared = .267 (Adjusted R Squared = -.077)

Descriptive Statistics

Dependent Variable: Jumlah_Daun

Pupuk_Organik_Cair	NPK	Mean	Std. Deviation	N
P0	N0	2.0000	.00000	3
	N1	2.0000	.00000	3
	N2	2.0000	.00000	3
	N3	2.3333	.57735	3
	Total	2.0833	.28868	12
P1	N0	2.0000	.00000	3
	N1	2.3333	.57735	3
	N2	2.0000	.00000	3
	N3	2.0000	.00000	3
	Total	2.0833	.28868	12
P2	N0	1.6667	.57735	3
	N1	2.0000	.00000	3
	N2	2.0000	.00000	3
	N3	2.0000	1.00000	3
	Total	1.9167	.51493	12
P3	N0	2.0000	.00000	3
	N1	2.3333	.57735	3
	N2	2.6667	1.15470	3
	N3	2.0000	.00000	3
	Total	2.2500	.62158	12
Total	N0	1.9167	.28868	12
	N1	2.1667	.38925	12

N2	2.1667	.57735	12
N3	2.0833	.51493	12
Total	2.0833	.45351	48

Tests of Between-Subjects Effects

Dependent Variable: Jumlah_Daun

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	2.333 ^a	15	.156	.679	.785
Intercept	208.333	1	208.333	909.091	.000
Pupuk_Organik_Cair	.667	3	.222	.970	.419
NPK	.500	3	.167	.727	.543
Pupuk_Organik_Cair * NPK	1.167	9	.130	.566	.815
Error	7.333	32	.229		
Total	218.000	48			
Corrected Total	9.667	47			

a. R Squared = .241 (Adjusted R Squared = -.114)

Descriptive Statistics

Dependent Variable: Panjang_Akar

Pupuk_Organik_Cair	NPK	Mean	Std. Deviation	N
P0	N0	22.5667	2.92632	3
	N1	18.6667	4.53689	3
	N2	20.6667	9.50438	3
	N3	15.6667	4.72582	3
	Total	19.3917	5.73624	12
P1	N0	26.0000	2.64575	3
	N1	18.6667	2.51661	3
	N2	21.0000	6.08276	3
	N3	20.4000	1.96977	3
	Total	21.5167	4.23875	12
P2	N0	17.7667	1.36504	3
	N1	19.9333	7.29475	3
	N2	22.0333	2.95014	3
	N3	20.2333	3.85530	3
	Total	19.9917	4.09910	12
P3	N0	21.7333	3.74344	3
	N1	20.5333	5.22047	3
	N2	20.8333	5.25198	3
	N3	19.4000	3.61663	3

	Total	20.6250	3.95661	12
Total	N0	22.0167	3.88256	12
	N1	19.4500	4.49919	12
	N2	21.1333	5.48259	12
	N3	18.9250	3.72342	12
	Total	20.3812	4.48727	48

Tests of Between-Subjects Effects

Dependent Variable: Panjang_Akar

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	233.173 ^a	15	15.545	.697	.768
Intercept	19938.977	1	19938.977	894.626	.000
Pupuk_Organik_Cair	29.756	3	9.919	.445	.722
NPK	74.737	3	24.912	1.118	.356
Pupuk_Organik_Cair * NPK	128.680	9	14.298	.642	.753
Error	713.200	32	22.288		
Total	20885.350	48			
Corrected Total	946.373	47			

a. R Squared = .246 (Adjusted R Squared = -.107)

Descriptive Statistics

Dependent Variable: Volume_Akar

	Pupuk_Organik_Cair	NPK		Mean	Std. Deviation	N
P0	N0	15.0000	5.00000	15.0000	5.00000	3
	N1	18.3333	2.88675	18.3333	2.88675	3
	N2	18.3333	5.77350	18.3333	5.77350	3
	N3	16.6667	7.63763	16.6667	7.63763	3
	Total	17.0833	4.98102	17.0833	4.98102	12
P1	N0	13.3333	5.77350	13.3333	5.77350	3
	N1	20.0000	5.00000	20.0000	5.00000	3
	N2	21.6667	10.40833	21.6667	10.40833	3
	N3	25.0000	10.00000	25.0000	10.00000	3
	Total	20.0000	8.25723	20.0000	8.25723	12
P2	N0	15.0000	5.00000	15.0000	5.00000	3
	N1	18.3333	7.63763	18.3333	7.63763	3
	N2	18.3333	2.88675	18.3333	2.88675	3

	N3	18.3333	2.88675	3
	Total	17.5000	4.52267	12
P3	N0	26.6667	11.54701	3
	N1	20.0000	5.00000	3
	N2	23.3333	7.63763	3
	N3	20.0000	5.00000	3
	Total	22.5000	7.22999	12
Total	N0	17.5000	8.39372	12
	N1	19.1667	4.68718	12
	N2	20.4167	6.55686	12
	N3	20.0000	6.74200	12
	Total	19.2708	6.60348	48

Tests of Between-Subjects Effects

Dependent Variable: Volume_Akar

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	582.812 ^a	15	38.854	.848	.622
Intercept	17825.521	1	17825.521	388.920	.000
Pupuk_Organik_Cair	226.562	3	75.521	1.648	.198
NPK	59.896	3	19.965	.436	.729
Pupuk_Organik_Cair * NPK	296.354	9	32.928	.718	.688
Error	1466.667	32	45.833		
Total	19875.000	48			
Corrected Total	2049.479	47			

a. R Squared = .284 (Adjusted R Squared = -.051)

Descriptive Statistics

Dependent Variable: BSTajuk

	NPK	Pupuk_Organik_Cair		N
		Mean	Std. Deviation	
P0	N0	1.7333	.60277	3
	N1	2.4300	.65795	3
	N2	2.3567	.35445	3
	N3	2.1500	.57663	3
	Total	2.1675	.55508	12
P1	N0	2.1467	.50461	3
	N1	2.4967	.51965	3
	N2	2.5800	.18028	3
	N3	2.7333	.33292	3
	Total	2.4892	.41470	12

P2	N0	1.7033	.31262	3
	N1	2.1767	.69328	3
	N2	1.8100	.18520	3
	N3	1.8800	1.28829	3
	Total	1.8925	.66846	12
P3	N0	2.1300	.20075	3
	N1	2.1067	.15308	3
	N2	2.9967	.81978	3
	N3	2.2733	.60880	3
	Total	2.3767	.58770	12
Total	N0	1.9283	.43096	12
	N1	2.3025	.49895	12
	N2	2.4358	.59762	12
	N3	2.2592	.74404	12
	Total	2.2315	.59202	48

Tests of Between-Subjects Effects

Dependent Variable: BSTajuk

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	5.871 ^a	15	.391	1.181	.334
Intercept	239.012	1	239.012	721.390	.000
Pupuk_Organik_Cair	2.478	3	.826	2.493	.078
NPK	1.674	3	.558	1.684	.190
Pupuk_Organik_Cair * NPK	1.720	9	.191	.577	.806
Error	10.602	32	.331		
Total	255.485	48			
Corrected Total	16.473	47			

a. R Squared = .356 (Adjusted R Squared = .055)

Descriptive Statistics

Dependent Variable: BKTajuk

Pupuk_Organik_Cair	NPK	Mean		N
		Mean	Std. Deviation	
P0	N0	.4633	.17214	3
	N1	.7167	.17616	3
	N2	.6200	.12288	3
	N3	.6033	.14572	3
	Total	.6008	.16295	12
P1	N0	.5700	.17088	3
	N1	.6600	.14933	3

	N2	.6667	.03786	3
	N3	.7500	.04359	3
	Total	.6617	.11999	12
P2	N0	.4667	.02082	3
	N1	.6067	.16289	3
	N2	.5267	.07024	3
	N3	.6700	.18083	3
	Total	.5675	.13512	12
	P3	N0	.5867	.07767
N1		.5700	.03000	3
N2		.7867	.21385	3
N3		.6533	.14295	3
Total		.6492	.14569	12
Total		N0	.5217	.12416
	N1	.6383	.13429	12
	N2	.6500	.14759	12
	N3	.6692	.13000	12
	Total	.6198	.14242	48

Tests of Between-Subjects Effects

Dependent Variable: BKTajuk

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.374 ^a	15	.025	1.379	.217
Intercept	18.439	1	18.439	1018.953	.000
Pupuk_Organik_Cair	.069	3	.023	1.262	.304
NPK	.160	3	.053	2.945	.048
Pupuk_Organik_Cair * NPK	.146	9	.016	.895	.540
Error	.579	32	.018		
Total	19.392	48			
Corrected Total	.953	47			

a. R Squared = .393 (Adjusted R Squared = .108)

BKTajuk

Duncan^{a,b}

NPK	N	Subset	
		1	2
N0	12	.5217	
N1	12		.6383
N2	12		.6500
N3	12		.6692

Sig.	1.000	.602
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Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .018.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = .05.

Descriptive Statistics

Dependent Variable: BSAkar

Pupuk_Organik_Cair	NPK	Mean	Std. Deviation	N
P0	N0	1.1200	.66461	3
	N1	.8067	.31086	3
	N2	1.1333	.07638	3
	N3	.9667	.22546	3
	Total	1.0067	.35694	12
P1	N0	.8467	.13650	3
	N1	1.0400	.20075	3
	N2	1.5400	.79164	3
	N3	1.2700	.27055	3
	Total	1.1742	.45949	12
P2	N0	.8567	.09292	3
	N1	1.1133	.47438	3
	N2	1.2733	.53257	3
	N3	1.2400	.50269	3
	Total	1.1208	.41142	12
P3	N0	1.1067	.39804	3
	N1	1.1000	.28355	3
	N2	1.4500	.43589	3
	N3	1.1600	.20075	3
	Total	1.2042	.32842	12
Total	N0	.9825	.36440	12
	N1	1.0150	.31152	12
	N2	1.3492	.47760	12
	N3	1.1592	.30177	12
	Total	1.1265	.38715	48

Tests of Between-Subjects Effects

Dependent Variable: BSAkar

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1.859 ^a	15	.124	.765	.704
Intercept	60.908	1	60.908	375.833	.000
Pupuk_Organik_Cair	.272	3	.091	.560	.645
NPK	1.006	3	.335	2.069	.124
Pupuk_Organik_Cair * NPK	.581	9	.065	.398	.927
Error	5.186	32	.162		
Total	67.952	48			
Corrected Total	7.045	47			

a. R Squared = .264 (Adjusted R Squared = -.081)

Descriptive Statistics

Dependent Variable: BKakar

Pupuk_Organik_Cair	NPK	Mean	Std. Deviation	N
P0	N0	.3433	.12702	3
	N1	.4033	.13051	3
	N2	.4533	.11240	3
	N3	.3500	.01732	3
	Total	.3875	.10270	12
P1	N0	.3767	.04041	3
	N1	.4167	.07767	3
	N2	.5000	.11790	3
	N3	.4600	.03000	3
	Total	.4383	.08009	12
P2	N0	.3267	.04509	3
	N1	.3900	.10817	3
	N2	.4200	.02000	3
	N3	11.7033	19.30950	3
	Total	3.2100	9.69678	12
P3	N0	.4100	.09165	3
	N1	.4967	.15144	3
	N2	.4900	.10149	3
	N3	.4500	.07937	3
	Total	.4617	.10017	12
Total	N0	.3642	.07902	12
	N1	.4267	.11122	12

N2	.4658	.08867	12
N3	3.2408	9.68695	12
Total	1.1244	4.84709	48

Tests of Between-Subjects Effects

Dependent Variable: BKAKar

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	358.256 ^a	15	23.884	1.025	.457
Intercept	60.683	1	60.683	2.603	.116
Pupuk_Organik_Cair	69.632	3	23.211	.996	.407
NPK	71.733	3	23.911	1.026	.394
Pupuk_Organik_Cair * NPK	216.891	9	24.099	1.034	.436
Error	745.975	32	23.312		
Total	1164.913	48			
Corrected Total	1104.231	47			

a. R Squared = .324 (Adjusted R Squared = .008)

Descriptive Statistics

Dependent Variable: BSTanaman

Pupuk_Organik_Cair	NPK	Mean	Std. Deviation	N
P0	N0	3.0467	.98906	3
	N1	3.2333	.92614	3
	N2	3.5100	.39850	3
	N3	2.9167	.55076	3
	Total	3.1767	.68707	12
P1	N0	2.9400	.52943	3
	N1	3.5167	.66531	3
	N2	4.0367	.84884	3
	N3	3.9400	.60803	3
	Total	3.6083	.73063	12
P2	N0	2.5267	.30436	3
	N1	3.1167	1.02754	3
	N2	2.5667	.23629	3
	N3	3.3033	1.17240	3
	Total	2.8783	.77062	12
P3	N0	3.2333	.52520	3
	N1	3.1833	.11547	3
	N2	4.5100	1.48970	3
	N3	3.3167	.73201	3

	Total	3.5608	.93999	12
Total	N0	2.9367	.60743	12
	N1	3.2625	.67541	12
	N2	3.6558	1.06836	12
	N3	3.3692	.78508	12
	Total	3.3060	.81981	48

Tests of Between-Subjects Effects

Dependent Variable: BSTanaman

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	12.119 ^a	15	.808	1.328	.243
Intercept	524.636	1	524.636	862.329	.000
Pupuk_Organik_Cair	4.272	3	1.424	2.340	.092
NPK	3.176	3	1.059	1.740	.179
Pupuk_Organik_Cair * NPK	4.672	9	.519	.853	.575
Error	19.469	32	.608		
Total	556.224	48			
Corrected Total	31.588	47			

a. R Squared = .384 (Adjusted R Squared = .095)

Descriptive Statistics

Dependent Variable: BKTanaman

Pupuk_Organik_Cair	NPK	Mean	Std. Deviation	N
P0	N0	.8067	.27538	3
	N1	1.1167	.27610	3
	N2	1.0733	.23459	3
	N3	.9567	.13429	3
	Total	.9883	.23805	12
P1	N0	.9433	.21197	3
	N1	1.0733	.21962	3
	N2	1.2000	.14422	3
	N3	1.2167	.06658	3
	Total	1.1083	.18649	12
P2	N0	.7933	.03215	3
	N1	1.0000	.27221	3
	N2	.9467	.05508	3
	N3	1.1533	.30089	3

	Total	.9733	.22076	12
P3	N0	.9967	.14978	3
	N1	1.0600	.15620	3
	N2	1.2733	.31565	3
	N3	1.1100	.21517	3
	Total	1.1100	.21566	12
Total	N0	.8850	.18579	12
	N1	1.0625	.20601	12
	N2	1.1233	.22223	12
	N3	1.1092	.19746	12
	Total	1.0450	.21892	48

Tests of Between-Subjects Effects

Dependent Variable: BKTanaman

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.843 ^a	15	.056	1.275	.273
Intercept	52.417	1	52.417	1189.610	.000
Pupuk_Organik_Cair	.199	3	.066	1.505	.232
NPK	.434	3	.145	3.283	.033
Pupuk_Organik_Cair * NPK	.210	9	.023	.529	.843
Error	1.410	32	.044		
Total	54.670	48			
Corrected Total	2.253	47			

a. R Squared = .374 (Adjusted R Squared = .081)

BKTanaman

Duncan^{a,b}

NPK	N	Subset	
		1	2
N0	12	.8850	
N1	12		1.0625
N3	12		1.1092
N2	12		1.1233
Sig.		1.000	.510

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error)

= .044.

a. Uses Harmonic Mean Sample Size

= 12.000.

b. Alpha = .05.

Lampiran 3: Dokumentasi Penelitian



