

BAB V PENUTUP

5.1 Kesimpulan

1. Berdasarkan hasil penelitian menunjukkan bahwa aplikasi residu kompos biochar 15 ton/ha dengan pemberian PGPR frekuensi 3 kali seminggu mampu meningkatkan pH, suhu, DHL, dan meningkatkan kadar lengas serta menurunkan berat volume tanah.
2. Residu kompos biochar 5 ton/ha dengan dengan pemberian PGPR 3 kali dalam seminggu meningkatkan tinggi tanaman dan jumlah daun pada pengamatan 21 HST, 28 HST, 35 HST, Dan 42 HST dan juga pada pengamatan parameter hasil tanaman selada darat yaitu berat segar tanaman 6,62 g, berat segar ekonomi 5,38 g, berat segar non ekonomi 1,08 g, panjang akar 10,39 cm, luas daun 145,33 cm², berat kering tanaman 0,42 g, berat kering ekonomi 0,30 g, dan berat kering non ekonomi 0,07 g, dan indeks panen 50,53%.

5.2 Saran

Dalam upaya meningkatkan pertumbuhan tanaman selada darat pada periode tanam kedua disarankan menggunakan kompos biochar 5 ton/ha dengan menambahkan aplikasi PGPR.

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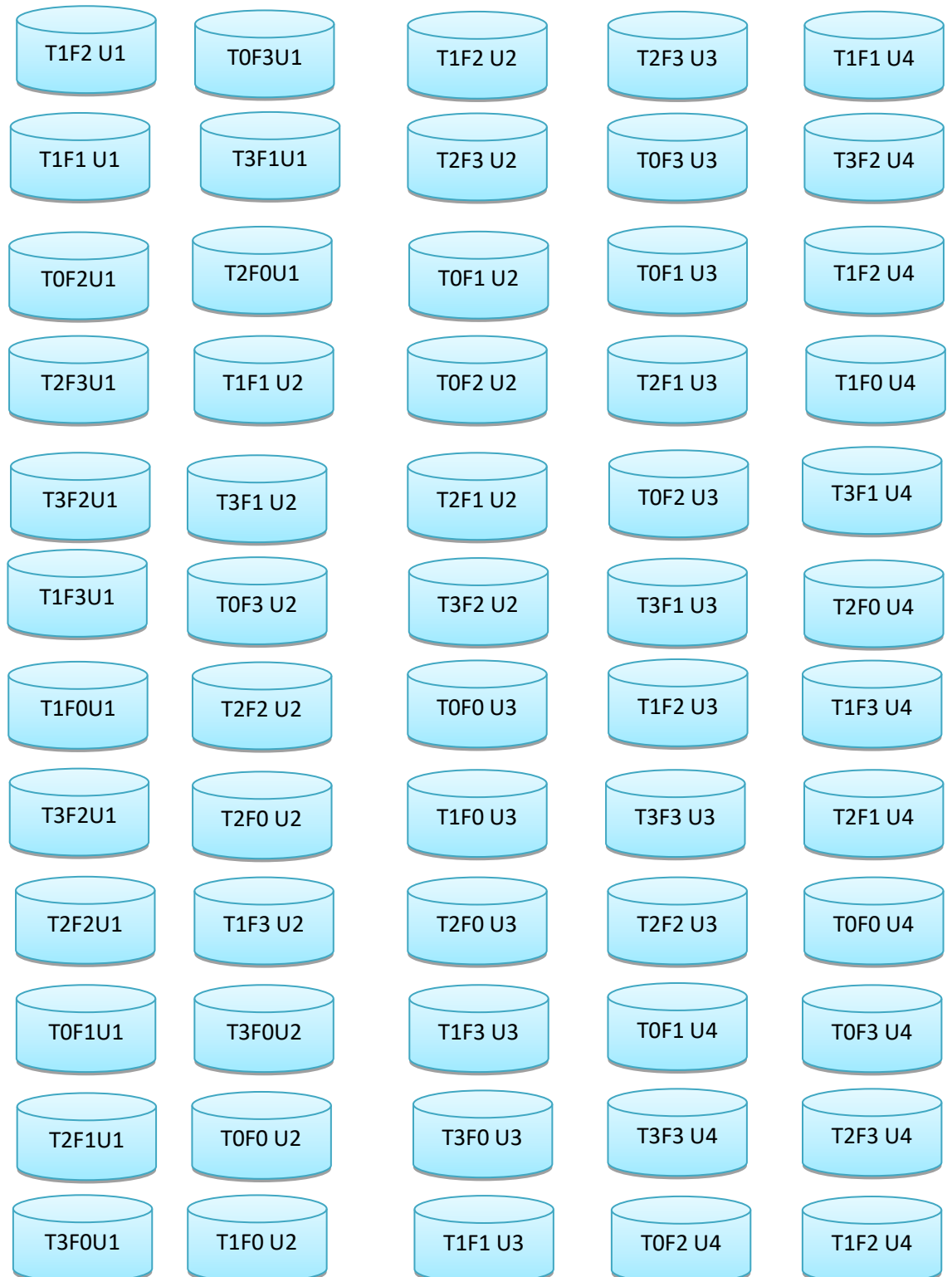
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LAMPIRAN

Lampiran 1. Denah Tanaman Penelitian





Tests of Between-Subjects Effects

Dependent Variable:TT 7 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	5.052 ^a	18	.281	.802	.688
Intercept	86.723	1	86.723	247.688	.000
T	.362	3	.121	.344	.793
F	.522	3	.174	.497	.686
T * F	2.021	9	.225	.641	.756
Ulangan	2.147	3	.716	2.044	.121
Error	15.756	45	.350		
Total	107.530	64			
Corrected Total	20.807	63			

a. R Squared = ,243 (Adjusted R Squared = -,060)

Tests of Between-Subjects Effects

Dependent Variable:TT 14

HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	10.487 ^a	18	.583	.970	.508
Intercept	400.500	1	400.500	666.925	.000
T	.283	3	.094	.157	.925
F	1.234	3	.411	.685	.566
T * F	7.745	9	.861	1.433	.203
Ulangan	1.224	3	.408	.680	.569
Error	27.023	45	.601		
Total	438.010	64			
Corrected Total	37.510	63			

a. R Squared = ,280 (Adjusted R Squared = -,009)

Tests of Between-Subjects Effects

Dependent Variable:TT 21

HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	55.751 ^a	18	3.097	1.889	.043
Intercept	1312.251	1	1312.251	800.173	.000
T	4.356	3	1.452	.885	.456
F	21.308	3	7.103	4.331	.009
T * F	16.591	9	1.843	1.124	.366
Ulangan	13.497	3	4.499	2.743	.054
Error	73.798	45	1.640		
Total	1441.800	64			
Corrected Total	129.549	63			

a. R Squared = ,430 (Adjusted R Squared = ,202)

Tests of Between-Subjects Effects

Dependent Variable:TT 28

HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	111.107 ^a	18	6.173	2.319	.011
Intercept	2066.839	1	2066.839	776.588	.000
T	5.595	3	1.865	.701	.557
F	53.918	3	17.973	6.753	.001
T * F	32.445	9	3.605	1.355	.237
Ulangan	19.148	3	6.383	2.398	.080
Error	119.765	45	2.661		
Total	2297.710	64			
Corrected Total	230.871	63			

a. R Squared = ,481 (Adjusted R Squared = ,274)

Tests of Between-Subjects Effects

Dependent Variable:TT 35

HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	274.523 ^a	18	15.251	2.535	.006
Intercept	3497.244	1	3497.244	581.317	.000
T	15.537	3	5.179	.861	.468
F	157.988	3	52.663	8.754	.000
T * F	59.289	9	6.588	1.095	.386
Ulangan	41.709	3	13.903	2.311	.089
Error	270.723	45	6.016		
Total	4042.490	64			
Corrected Total	545.246	63			

a. R Squared = ,503 (Adjusted R Squared = ,305)

Tests of Between-Subjects Effects

Dependent Variable:TT 42

HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	340.364 ^a	18	18.909	2.619	.005
Intercept	4872.040	1	4872.040	674.847	.000
T	23.802	3	7.934	1.099	.359
F	201.546	3	67.182	9.306	.000
T * F	56.551	9	6.283	.870	.558
Ulangan	58.464	3	19.488	2.699	.057
Error	324.876	45	7.219		
Total	5537.280	64			
Corrected Total	665.240	63			

a. R Squared = ,512 (Adjusted R Squared = ,316)

Tests of Between-Subjects Effects

Dependent Variable:JD 7 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.125 ^a	18	.007	.167	1.000
Intercept	64.000	1	64.000	1.536E3	.000
T	.000	3	.000	.000	1.000
F	.000	3	.000	.000	1.000
T * F	.000	9	.000	.000	1.000
Ulangan	.125	3	.042	1.000	.402
Error	1.875	45	.042		
Total	66.000	64			
Corrected Total	2.000	63			

a. R Squared = ,063 (Adjusted R Squared = -,313)

Tests of Between-Subjects Effects

Dependent Variable:JD 14

HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	6.781 ^a	18	.377	1.976	.033
Intercept	337.641	1	337.641	1.771E3	.000
T	.797	3	.266	1.393	.257
F	2.797	3	.932	4.891	.005
T * F	3.016	9	.335	1.758	.104
Ulangan	.172	3	.057	.301	.825
Error	8.578	45	.191		
Total	353.000	64			
Corrected Total	15.359	63			

a. R Squared = ,442 (Adjusted R Squared = ,218)

Tests of Between-Subjects Effects

Dependent Variable:JD 21

HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	7.281 ^a	18	.405	2.122	.021
Intercept	805.141	1	805.141	4.224E3	.000
T	.797	3	.266	1.393	.257
F	5.297	3	1.766	9.262	.000
T * F	1.016	9	.113	.592	.797
Ulangan	.172	3	.057	.301	.825
Error	8.578	45	.191		
Total	821.000	64			
Corrected Total	15.859	63			

a. R Squared = ,459 (Adjusted R Squared = ,243)

Tests of Between-Subjects Effects

Dependent Variable:JD 28

HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	7.281 ^a	18	.405	2.122	.021
Intercept	1323.141	1	1323.141	6.941E3	.000
T	.797	3	.266	1.393	.257
F	5.297	3	1.766	9.262	.000
T * F	1.016	9	.113	.592	.797
Ulangan	.172	3	.057	.301	.825
Error	8.578	45	.191		
Total	1339.000	64			
Corrected Total	15.859	63			

a. R Squared = ,459 (Adjusted R Squared = ,243)

Tests of Between-Subjects Effects

Dependent Variable:JD 35

HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	8.906 ^a	18	.495	2.453	.008
Intercept	1925.016	1	1925.016	9.542E3	.000
T	2.422	3	.807	4.002	.013
F	4.297	3	1.432	7.100	.001
T * F	2.016	9	.224	1.110	.375
Ulangan	.172	3	.057	.284	.837
Error	9.078	45	.202		
Total	1943.000	64			
Corrected Total	17.984	63			

a. R Squared = ,495 (Adjusted R Squared = ,293)

Tests of Between-Subjects Effects

Dependent Variable:JD 42

HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	8.906 ^a	18	.495	2.453	.008
Intercept	2691.016	1	2691.016	1.334E4	.000
T	2.422	3	.807	4.002	.013
F	4.297	3	1.432	7.100	.001
T * F	2.016	9	.224	1.110	.375
Ulangan	.172	3	.057	.284	.837
Error	9.078	45	.202		
Total	2709.000	64			
Corrected Total	17.984	63			

a. R Squared = ,495 (Adjusted R Squared = ,293)

Tests of Between-Subjects Effects

Dependent Variable:BBT

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	327.257 ^a	18	18.181	2.862	.002
Intercept	992.093	1	992.093	156.190	.000
T	17.972	3	5.991	.943	.428
F	232.652	3	77.551	12.209	.000
T * F	25.327	9	2.814	.443	.904
Ulangan	51.305	3	17.102	2.692	.057
Error	285.832	45	6.352		
Total	1605.182	64			
Corrected Total	613.089	63			

Tests of Between-Subjects Effects

Dependent Variable:BBE

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	235.581 ^a	18	13.088	2.647	.004
Intercept	684.084	1	684.084	138.374	.000
T	8.487	3	2.829	.572	.636
F	170.651	3	56.884	11.506	.000
T * F	14.964	9	1.663	.336	.958
Ulangan	41.479	3	13.826	2.797	.051
Error	222.468	45	4.944		
Total	1142.133	64			
Corrected Total	458.049	63			

a. R Squared = ,514 (Adjusted R Squared = ,320)

Tests of Between-Subjects Effects

Dependent Variable:BBNE

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	6.544 ^a	18	.364	4.355	.000
Intercept	25.263	1	25.263	302.641	.000
T	.708	3	.236	2.826	.049
F	4.292	3	1.431	17.139	.000
T * F	.674	9	.075	.897	.536
Ulangan	.869	3	.290	3.472	.024
Error	3.756	45	.083		
Total	35.563	64			
Corrected Total	10.300	63			

a. R Squared = ,635 (Adjusted R Squared = ,489)

Tests of Between-Subjects Effects

Dependent Variable:PA

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	43.348 ^a	18	2.408	.803	.686
Intercept	6322.238	1	6322.238	2.109E3	.000
T	1.900	3	.633	.211	.888
F	10.265	3	3.422	1.141	.343
T * F	20.629	9	2.292	.765	.649
Ulangan	10.553	3	3.518	1.173	.330
Error	134.905	45	2.998		
Total	6500.490	64			
Corrected Total	178.252	63			

a. R Squared = ,243 (Adjusted R Squared = -,060)

Tests of Between-Subjects Effects

Dependent Variable:LUAS

DAUN

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	146636.077 ^a	18	8146.449	2.388	.009
Intercept	449799.926	1	449799.926	131.848	.000
T	5145.211	3	1715.070	.503	.682
F	89408.586	3	29802.862	8.736	.000
ULANGAN	23946.976	3	7982.325	2.340	.086
T * F	28135.305	9	3126.145	.916	.520
Error	153517.656	45	3411.503		
Total	749953.659	64			
Corrected Total	300153.734	63			

a. R Squared = ,489 (Adjusted R Squared = ,284)

Tests of Between-Subjects Effects

Dependent Variable:BKT

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.935 ^a	18	.052	1.713	.073
Intercept	4.316	1	4.316	142.331	.000
T	.072	3	.024	.793	.504
F	.735	3	.245	8.074	.000
T * F	.088	9	.010	.324	.963
Ulangan	.040	3	.013	.440	.725
Error	1.365	45	.030		
Total	6.616	64			
Corrected Total	2.300	63			

a. R Squared = ,407 (Adjusted R Squared = ,169)

Tests of Between-Subjects Effects

Dependent Variable:BKE

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.686 ^a	18	.038	1.640	.090
Intercept	2.441	1	2.441	105.103	.000
T	.105	3	.035	1.503	.227
F	.422	3	.141	6.052	.001
T * F	.051	9	.006	.245	.985
Ulangan	.108	3	.036	1.551	.215
Error	1.045	45	.023		
Total	4.172	64			
Corrected Total	1.731	63			

a. R Squared = ,396 (Adjusted R Squared = ,155)

Tests of Between-Subjects Effects

Dependent Variable:BKNE

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.048 ^a	18	.003	2.334	.011
Intercept	.092	1	.092	80.514	.000
T	.003	3	.001	.904	.447
F	.029	3	.010	8.390	.000
T * F	.003	9	.000	.299	.971
Ulangan	.013	3	.004	3.815	.016
Error	.051	45	.001		
Total	.190	64			
Corrected Total	.099	63			

a. R Squared = ,483 (Adjusted R Squared = ,276)

Tests of Between-Subjects Effects

Dependent Variable:PH TST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.886 ^a	18	.049	1.237	.274
Intercept	2827.581	1	2827.581	7.107E4	.000
T	.131	3	.044	1.099	.360
F	.126	3	.042	1.057	.377
T * F	.503	9	.056	1.404	.215
Ulangan	.126	3	.042	1.058	.376
Error	1.790	45	.040		
Total	2830.257	64			
Corrected Total	2.677	63			

a. R Squared = ,331 (Adjusted R Squared = ,064)

Tests of Between-Subjects Effects

Dependent Variable:DHL TST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	199351.156 ^a	18	11075.064	1.014	.464
Intercept	6103987.891	1	6103987.891	558.735	.000
T	16825.672	3	5608.557	.513	.675
F	86978.797	3	28992.932	2.654	.060
T * F	74010.891	9	8223.432	.753	.659
Ulangan	21535.797	3	7178.599	.657	.583
Error	491609.953	45	10924.666		
Total	6794949.000	64			
Corrected Total	690961.109	63			

a. R Squared = ,289 (Adjusted R Squared = ,004)

Tests of Between-Subjects Effects

Dependent Variable:KL TST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	2394.189 ^a	18	133.011	.964	.514
Intercept	61030.614	1	61030.614	442.393	.000
T	554.563	3	184.854	1.340	.273
F	379.531	3	126.510	.917	.440
T * F	1150.209	9	127.801	.926	.512
Ulangan	309.886	3	103.295	.749	.529
Error	6208.005	45	137.956		
Total	69632.809	64			
Corrected Total	8602.194	63			

a. R Squared = ,278 (Adjusted R Squared = -,010)

Tests of Between-Subjects Effects

Dependent Variable:BV TST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.122 ^a	18	.007	.468	.959
Intercept	41.377	1	41.377	2.851E3	.000
T	.009	3	.003	.197	.898
F	.001	3	.000	.015	.997
T * F	.072	9	.008	.550	.830
Ulangan	.041	3	.014	.943	.428
Error	.653	45	.015		
Total	42.152	64			
Corrected Total	.775	63			

a. R Squared = ,158 (Adjusted R Squared = -,179)

Tests of Between-Subjects Effects

Dependent Variable:Suhu Pagi 7 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
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Corrected Model	15.656 ^a	18	.870	2.596	.005
Intercept	32806.266	1	32806.266	9.791E4	.000
T	.922	3	.307	.917	.440
F	4.922	3	1.641	4.896	.005
T * F	8.641	9	.960	2.865	.009
Ulangan	1.172	3	.391	1.166	.333
Error	15.078	45	.335		
Total	32837.000	64			
Corrected Total	30.734	63			

a. R Squared = ,509 (Adjusted R Squared = ,313)

Tests of Between-Subjects Effects

Dependent Variable:Suhu Pagi 14 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	17.781 ^a	18	.988	5.035	.000
Intercept	33626.391	1	33626.391	1.714E5	.000
T	3.922	3	1.307	6.664	.001
F	1.547	3	.516	2.628	.062
T * F	11.391	9	1.266	6.451	.000
Ulangan	.922	3	.307	1.566	.211
Error	8.828	45	.196		
Total	33653.000	64			
Corrected Total	26.609	63			

a. R Squared = ,668 (Adjusted R Squared = ,536)

Tests of Between-Subjects Effects

Dependent Variable:Suhu Pagi 21 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	12.500 ^a	18	.694	1.742	.067
Intercept	33397.562	1	33397.562	8.378E4	.000
T	1.813	3	.604	1.516	.223

F	3.563	3	1.188	2.979	.041
T * F	4.562	9	.507	1.272	.278
Ulangan	2.562	3	.854	2.143	.108
Error	17.938	45	.399		
Total	33428.000	64			
Corrected Total	30.438	63			

a. R Squared = ,411 (Adjusted R Squared = ,175)

Tests of Between-Subjects Effects

Dependent Variable:Suhu Pagi 28 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	15.156 ^a	18	.842	.594	.885
Intercept	31020.016	1	31020.016	2.187E4	.000
T	.797	3	.266	.187	.905
F	.922	3	.307	.217	.884
T * F	9.016	9	1.002	.706	.700
Ulangan	4.422	3	1.474	1.039	.384
Error	63.828	45	1.418		
Total	31099.000	64			
Corrected Total	78.984	63			

a. R Squared = ,192 (Adjusted R Squared = -,131)

Tests of Between-Subjects Effects

Dependent Variable:Suhu Pagi 35 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	10.000 ^a	18	.556	.795	.695
Intercept	34132.562	1	34132.562	4.886E4	.000
T	4.063	3	1.354	1.938	.137
F	2.813	3	.938	1.342	.273
T * F	2.562	9	.285	.408	.924
Ulangan	.562	3	.188	.268	.848
Error	31.437	45	.699		

Total	34174.000	64			
Corrected Total	41.437	63			

a. R Squared = ,241 (Adjusted R Squared = -,062)

Tests of Between-Subjects Effects

Dependent Variable:Suhu Pagi 42 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	15.375 ^a	18	.854	.490	.949
Intercept	31506.250	1	31506.250	1.809E4	.000
T	1.250	3	.417	.239	.869
F	1.125	3	.375	.215	.885
T * F	11.875	9	1.319	.758	.655
Ulangan	1.125	3	.375	.215	.885
Error	78.375	45	1.742		
Total	31600.000	64			
Corrected Total	93.750	63			

a. R Squared = ,164 (Adjusted R Squared = -,170)

Tests of Between-Subjects Effects

Dependent Variable:Suhu Siang 7HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	88.125 ^a	18	4.896	3.357	.001
Intercept	52212.250	1	52212.250	3.580E4	.000
T	14.125	3	4.708	3.229	.031
F	14.625	3	4.875	3.343	.027
Ulangan	41.375	3	13.792	9.457	.000
T * F	18.000	9	2.000	1.371	.229
Error	65.625	45	1.458		
Total	52366.000	64			
Corrected Total	153.750	63			

a. R Squared = ,573 (Adjusted R Squared = ,402)

Tests of Between-Subjects Effects

Dependent Variable:Suhu Siang 14 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	56.906 ^a	18	3.161	1.013	.465
Intercept	64325.641	1	64325.641	2.061E4	.000
T	6.172	3	2.057	.659	.581
F	19.547	3	6.516	2.088	.115
Ulangan	.297	3	.099	.032	.992
T * F	30.891	9	3.432	1.100	.382
Error	140.453	45	3.121		
Total	64523.000	64			
Corrected Total	197.359	63			

a. R Squared = ,288 (Adjusted R Squared = ,004)

Tests of Between-Subjects Effects

Dependent Variable:Suhu Siang 21 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	97.375 ^a	18	5.410	1.756	.064
Intercept	72900.000	1	72900.000	2.366E4	.000
T	25.875	3	8.625	2.800	.051
F	10.875	3	3.625	1.177	.329
Ulangan	47.875	3	15.958	5.180	.004
T * F	12.750	9	1.417	.460	.894
Error	138.625	45	3.081		
Total	73136.000	64			
Corrected Total	236.000	63			

Tests of Between-Subjects Effects

Dependent Variable:Suhu Siang 28 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
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Corrected Model	62.500 ^a	18	3.472	.555	.912
Intercept	69828.063	1	69828.063	1.117E4	.000
T	.313	3	.104	.017	.997
F	11.188	3	3.729	.596	.621
Ulangan	14.563	3	4.854	.776	.513
T * F	36.437	9	4.049	.647	.751
Error	281.438	45	6.254		
Total	70172.000	64			
Corrected Total	343.937	63			

Tests of Between-Subjects Effects

Dependent Variable:Suhu Siang 35 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	66.781 ^a	18	3.710	.932	.547
Intercept	80443.141	1	80443.141	2.021E4	.000
T	5.047	3	1.682	.423	.738
F	3.922	3	1.307	.329	.805
Ulangan	28.672	3	9.557	2.402	.080
T * F	29.141	9	3.238	.814	.606
Error	179.078	45	3.980		
Total	80689.000	64			
Corrected Total	245.859	63			

Tests of Between-Subjects Effects

Dependent Variable:Suhu Siang 42 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	13.656 ^a	18	.759	1.145	.345
Intercept	42487.516	1	42487.516	6.410E4	.000
T	3.422	3	1.141	1.721	.176
F	.797	3	.266	.401	.753

Ulangan	2.922	3	.974	1.469	.236
T * F	6.516	9	.724	1.092	.387
Error	29.828	45	.663		
Total	42531.000	64			
Corrected Total	43.484	63			

a. R Squared = ,314 (Adjusted R Squared = ,040)

Tests of Between-Subjects Effects

Dependent Variable:Suhu Sore 7 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	26.281 ^a	18	1.460	1.247	.268
Intercept	50120.016	1	50120.016	4.279E4	.000
T	2.797	3	.932	.796	.503
F	3.047	3	1.016	.867	.465
Ulangan	7.047	3	2.349	2.006	.127
T * F	13.391	9	1.488	1.270	.279
Error	52.703	45	1.171		
Total	50199.000	64			
Corrected Total	78.984	63			

a. R Squared = ,333 (Adjusted R Squared = ,066)

Tests of Between-Subjects Effects

Dependent Variable:Suhu Sore 14 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	30.656 ^a	18	1.703	.493	.948
Intercept	41667.016	1	41667.016	1.207E4	.000
T	9.797	3	3.266	.946	.426
F	4.047	3	1.349	.391	.760
Ulangan	3.422	3	1.141	.330	.803
T * F	13.391	9	1.488	.431	.911
Error	155.328	45	3.452		
Total	41853.000	64			

Tests of Between-Subjects Effects

Dependent Variable:Suhu Sore 14 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	30.656 ^a	18	1.703	.493	.948
Intercept	41667.016	1	41667.016	1.207E4	.000
T	9.797	3	3.266	.946	.426
F	4.047	3	1.349	.391	.760
Ulangan	3.422	3	1.141	.330	.803
T * F	13.391	9	1.488	.431	.911
Error	155.328	45	3.452		
Total	41853.000	64			
Corrected Total	185.984	63			

a. R Squared = ,165 (Adjusted R Squared = -,169)

Tests of Between-Subjects Effects

Dependent Variable:Suhu Sore 21 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	45.125 ^a	18	2.507	1.256	.262
Intercept	49173.063	1	49173.063	2.464E4	.000
T	1.563	3	.521	.261	.853
F	6.312	3	2.104	1.054	.378
Ulangan	7.188	3	2.396	1.200	.320
T * F	30.062	9	3.340	1.674	.124
Error	89.812	45	1.996		
Total	49308.000	64			
Corrected Total	134.938	63			

a. R Squared = ,334 (Adjusted R Squared = ,068)

Tests of Between-Subjects Effects

Dependent Variable:Suhu Sore 28 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	55.625 ^a	18	3.090	.831	.656
Intercept	47089.000	1	47089.000	1.266E4	.000
T	8.250	3	2.750	.739	.534
F	16.875	3	5.625	1.512	.224
Ulangan	7.125	3	2.375	.639	.594
T * F	23.375	9	2.597	.698	.707
Error	167.375	45	3.719		
Total	47312.000	64			
Corrected Total	223.000	63			

a. R Squared = ,249 (Adjusted R Squared = -,051)

Tests of Between-Subjects Effects

Dependent Variable:Suhu Sore 35 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	9.781 ^a	18	.543	.420	.976
Intercept	48345.016	1	48345.016	3.738E4	.000
T	1.547	3	.516	.399	.755
F	.297	3	.099	.077	.972
Ulangan	3.047	3	1.016	.785	.508
T * F	4.891	9	.543	.420	.917
Error	58.203	45	1.293		
Total	48413.000	64			
Corrected Total	67.984	63			

a. R Squared = ,144 (Adjusted R Squared = -,199)

Tests of Between-Subjects Effects

Dependent Variable:Suhu Sore 42 HST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
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Corrected Model	56.000 ^a	18	3.111	1.143	.346
Intercept	47197.563	1	47197.563	1.735E4	.000
T	18.687	3	6.229	2.289	.091
F	10.188	3	3.396	1.248	.304
Ulangan	5.562	3	1.854	.681	.568
T * F	21.562	9	2.396	.881	.549
Error	122.438	45	2.721		
Total	47376.000	64			
Corrected Total	178.438	63			

a. R Squared = ,314 (Adjusted R Squared = ,039)

Tests of Between-Subjects Effects

Dependent Variable:Suhu Siang ST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	118.625 ^a	18	6.590	2.310	.012
Intercept	75625.000	1	75625.000	2.651E4	.000
T	13.125	3	4.375	1.534	.219
F	15.250	3	5.083	1.782	.164
Ulangan	43.125	3	14.375	5.039	.004
T * F	47.125	9	5.236	1.835	.088
Error	128.375	45	2.853		
Total	75872.000	64			
Corrected Total	247.000	63			

a. R Squared = ,480 (Adjusted R Squared = ,272)

Tests of Between-Subjects Effects

Dependent Variable:Suhu Sore ST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	50.625 ^a	18	2.812	1.465	.149
Intercept	69169.000	1	69169.000	3.604E4	.000
T	6.000	3	2.000	1.042	.383

F	8.375	3	2.792	1.454	.240
Ulangan	9.125	3	3.042	1.585	.206
T * F	27.125	9	3.014	1.570	.154
Error	86.375	45	1.919		
Total	69306.000	64			
Corrected Total	137.000	63			

a. R Squared = ,370 (Adjusted R Squared = ,117)

Tests of Between-Subjects Effects

Dependent Variable:Suhu Pagi ST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	10.000 ^a	18	.556	.795	.695
Intercept	34132.563	1	34132.563	4.886E4	.000
T	4.063	3	1.354	1.938	.137
F	2.812	3	.937	1.342	.273
Ulangan	.562	3	.188	.268	.848
T * F	2.562	9	.285	.408	.924
Error	31.437	45	.699		
Total	34174.000	64			
Corrected Total	41.437	63			

a. R Squared = ,241 (Adjusted R Squared = -,062)

Tests of Between-Subjects Effects

Dependent Variable:KL SP

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	3753.957 ^a	18	208.553	2.027	.028
Intercept	109369.931	1	109369.931	1.063E3	.000
T	1131.779	3	377.260	3.666	.019
F	418.633	3	139.544	1.356	.268
Ulangan	318.382	3	106.127	1.031	.388
T * F	1885.163	9	209.463	2.036	.057

Error	4630.587	45	102.902	
Total	117754.475	64		
Corrected Total	8384.544	63		

a. R Squared = ,448 (Adjusted R Squared = ,227)

Tests of Between-Subjects Effects

Dependent Variable:BV SP

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.447 ^a	18	.025	1.392	.182
Intercept	58.103	1	58.103	3.258E3	.000
T	.116	3	.039	2.173	.104
F	.005	3	.002	.102	.958
Ulangan	.017	3	.006	.312	.816
T * F	.308	9	.034	1.922	.073
Error	.803	45	.018		
Total	59.352	64			
Corrected Total	1.249	63			

a. R Squared = ,358 (Adjusted R Squared = ,101)

Tests of Between-Subjects Effects

Dependent Variable:PH SP

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1.152 ^a	18	.064	1.205	.298
Intercept	2678.709	1	2678.709	5.041E4	.000
T	.166	3	.055	1.039	.385
F	.262	3	.087	1.645	.192
Ulangan	.113	3	.038	.707	.553
T * F	.611	9	.068	1.279	.275
Error	2.391	45	.053		
Total	2682.253	64			
Corrected Total	3.543	63			

a. R Squared = ,325 (Adjusted R Squared = ,055)

Tests of Between-Subjects Effects

Dependent Variable:DHL SP

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	203540.500 ^a	18	11307.806	1.148	.342
Intercept	1.075E7	1	1.075E7	1.091E3	.000
T	52347.875	3	17449.292	1.771	.166
F	57453.125	3	19151.042	1.944	.136
ULANGAN	29998.500	3	9999.500	1.015	.395
T * F	63741.000	9	7082.333	.719	.689
Error	443351.500	45	9852.256		
Total	1.139E7	64			
Corrected Total	646892.000	63			

a. R Squared = ,315 (Adjusted R Squared = ,041)












Tests of Between-Subjects Effects

Dependent Variable:Indeks Panen

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	349.227 ^a	18	19.401	1.373	.192
Intercept	125544.434	1	125544.434	8.887E3	.000
T	6.183	3	2.061	.146	.932
F	83.970	3	27.990	1.981	.130
ULANGAN	66.464	3	22.155	1.568	.210
T * F	192.609	9	21.401	1.515	.172
Error	635.688	45	14.126		
Total	126529.349	64			
Corrected Total	984.915	63			

a. R Squared = ,355 (Adjusted R Squared = ,096)

Lampiran 3. Dokumentasi Penelitian

 <p>Penimbangan Sampel Tanah</p>	 <p>Pengukuran Suhu</p>	 <p>Tanaman berumur 7 HST</p>
 <p>Tanaman berumur 14 HST</p>	 <p>Tanaman berumur 21 HST</p>	 <p>Tanaman berumur 28 HST</p>
 <p>Tanaman berumur 35 HST</p>	 <p>Tanaman berumur 42 HST</p>	 <p>Berat Segar Non Ekonomi</p>
 <p>Berat Segar Ekonomi</p>	 <p>Berat Total Tanaman</p>	

RIWAYAT HIDUP



Penulis dilahirkan pada tanggal 30 April 2000 di Umatoos Fatuk, Kecamatan Wewiku, Kabupaten Malaka. Anak ke-4 dari 6 bersaudara dari Bapak Manuel Soares Seran Nahak dan Alm. Ibu Yosefina Seuk Bria. Penulis menyelesaikan pendidikan sekolah dasar pada SDK Umatoos Fatuk pada tahun 2012, penulis menyelesaikan pendidikan di SMP Negeri Badarai pada tahun 2014 dan selanjutnya penulis menyelesaikan sekolah menengah atas pada SMKN Wewiku Badarai pada tahun 2017. Pada pertengahan 2017 penulis melanjutkan pendidikan pada Universitas Timor, dan memilih program studi agroteknologi, Fakultas Pertanian melalui jalur SBMPTN hingga menyelesaikan penyusunan skripsi ini dengan motto *“Selama Ada Niat dan Keyakinan Semua Akan Jadi Mungkin”*

Adriana Martha Soares, SP

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