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LAMPIRAN

Lampiran 1. Dokumentasi

A. Pengolahan lahan



B. Pemasangan mulsa organik dan penanaman



C. Pengamatan dan pengambilan data





D. Pengeringan sampel dan penggilingan



Lampiran 2. Hasil Analisa Ragam (ANOVA)

```

ONEWAY pH BY Perlakuan
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /CRITERIA=CILEVEL(0.95)
  /POSTHOC=DUNCAN ALPHA(0.05) .

```

Oneway

Descriptives

pH

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	5.9180	.20327	.09091	5.6656	6.1704	5.68	6.12
P2	5	6.2180	.18267	.08169	5.9912	6.4448	5.95	6.42
P3	5	6.1620	.46510	.20800	5.5845	6.7395	5.60	6.59
P4	5	6.1580	.35323	.15797	5.7194	6.5966	5.63	6.52
Total	20	6.1140	.31875	.07128	5.9648	6.2632	5.60	6.59

ANOVA

pH

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.267	3	.089	.857	.483
Within Groups	1.663	16	.104		
Total	1.930	19			


```

ONEWAY C BY Perlakuan
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /CRITERIA=CILEVEL(0.95)
  /POSTHOC=DUNCAN ALPHA(0.05) .

```

Oneway

Descriptives

C

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	1.5900	.10977	.04909	1.4537	1.7263	1.50	1.77
P2	5	2.0120	.29012	.12975	1.6518	2.3722	1.72	2.31
P3	5	2.2100	.32303	.14446	1.8089	2.6111	1.77	2.48
P4	5	2.3140	.21824	.09760	2.0430	2.5850	2.06	2.66
Total	20	2.0315	.36474	.08156	1.8608	2.2022	1.50	2.66

ANOVA

C

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.535	3	.512	8.245	.002
Within Groups	.993	16	.062		
Total	2.528	19			

Post Hoc Tests

Homogeneous Subsets

C

Duncan^a

Perlakuan	N	Subset for alpha = 0.05	
		1	2
P1	5	1.5900	
P2	5		2.0120
P3	5		2.2100
P4	5		2.3140
Sig.		1.000	.087

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

```
ONEWAY N BY Perlakuan
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /CRITERIA=CILEVEL(0.95)
  /POSTHOC=DUNCAN ALPHA(0.05) .
```

Oneway

Descriptives

N	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	.1580	.01789	.00800	.1358	.1802	.14	.18
P2	5	.1760	.03362	.01503	.1343	.2177	.13	.22
P3	5	.1920	.03633	.01625	.1469	.2371	.14	.23
P4	5	.2180	.04382	.01960	.1636	.2724	.16	.28
Total	20	.1860	.03872	.00866	.1679	.2041	.13	.28

ANOVA

N

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.010	3	.003	2.763	.076
Within Groups	.019	16	.001		
Total	.028	19			

Post Hoc Tests**Homogeneous Subsets****N**Duncan^a

Perlakuan	N	Subset for alpha = 0.05	
		1	2
P1	5	.1580	
P2	5	.1760	.1760
P3	5	.1920	.1920
P4	5		.2180
Sig.		.155	.083

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

```

ONEWAY CN BY Perlakuan
/STATISTICS DESCRIPTIVES
/MISSING ANALYSIS
/CRITERIA=CILEVEL(0.95)
/POSTHOC=DUNCAN ALPHA(0.05) .

```

Oneway

Descriptives

CN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	10.4000	.89443	.40000	9.2894	11.5106	9.00	11.00
P2	5	11.2000	1.64317	.73485	9.1597	13.2403	9.00	13.00
P3	5	12.0000	2.73861	1.22474	8.5996	15.4004	8.00	15.00
P4	5	11.0000	1.41421	.63246	9.2440	12.7560	10.00	13.00
Total	20	11.1500	1.75544	.39253	10.3284	11.9716	8.00	15.00

ANOVA

CN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	6.550	3	2.183	.672	.582
Within Groups	52.000	16	3.250		
Total	58.550	19			

```

ONEWAY Populasi_gulma BY Perlakuan
/STATISTICS DESCRIPTIVES
/MISSING ANALYSIS
/CRITERIA=CILEVEL(0.95)
/POSTHOC=DUNCAN ALPHA(0.05) .

```

Oneway

Descriptives

Populasi gulma

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	2815.2000	787.21452	352.05304	1837.7441	3792.6559	2016.00	3870.00
P2	5	633.6000	175.04942	78.28448	416.2474	850.9526	333.00	792.00
P3	5	496.8000	215.09812	96.19480	229.7204	763.8796	234.00	720.00
P4	5	259.2000	165.87857	74.18315	53.2346	465.1654	144.00	531.00
Total	20	1051.2000	1123.90469	251.31273	525.1964	1577.2036	144.00	3870.00

ANOVA

Populasi gulma

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	21103545.600	3	7034515.200	38.858	.000
Within Groups	2896527.600	16	181032.975		
Total	24000073.200	19			

Post Hoc Tests

Homogeneous Subsets

Populasi gulma

Duncan^a

Perlakuan	N	Subset for alpha = 0.05	
		1	2
P4	5	259.2000	
P3	5	496.8000	
P2	5	633.6000	
P1	5		2815.2000
Sig.		.205	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

```

ONEWAY Tinggi_Tanaman BY Perlakuan
/STATISTICS DESCRIPTIVES
/MISSING ANALYSIS
/CRITERIA=CILEVEL(0.95)
/POSTHOC=DUNCAN ALPHA(0.05).

```

Oneway

Descriptives

Tinggi Tanaman

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	222.60	8.295	3.709	212.30	232.90	210	230
P2	5	248.80	10.986	4.913	235.16	262.44	230	258
P3	5	256.40	15.947	7.132	236.60	276.20	237	280
P4	5	241.00	22.170	9.915	213.47	268.53	212	273
Total	20	242.20	19.050	4.260	233.28	251.12	210	280

ANOVA

Tinggi Tanaman

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3154.000	3	1051.333	4.496	.018
Within Groups	3741.200	16	233.825		
Total	6895.200	19			

Post Hoc Tests

Homogeneous Subsets

Tinggi Tanaman

Duncan^a

Perlakuan	N	Subset for alpha = 0.05	
		1	2
P1	5	222.60	
P4	5	241.00	241.00
P2	5		248.80
P3	5		256.40
Sig.		.075	.150

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

```

ONEWAY Panjang_Batang BY Perlakuan
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /CRITERIA=CILEVEL(0.95)
  /POSTHOC=DUNCAN ALPHA(0.05) .

```

Oneway

Descriptives

Panjang Batang

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	99.80	10.681	4.777	86.54	113.06	85	111
P2	5	122.80	8.736	3.907	111.95	133.65	111	135
P3	5	131.60	11.014	4.925	117.92	145.28	121	150
P4	5	117.10	11.960	5.349	102.25	131.95	109	138
Total	20	117.83	15.422	3.448	110.61	125.04	85	150

ANOVA

Panjang Batang

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2699.638	3	899.879	7.915	.002
Within Groups	1819.000	16	113.688		
Total	4518.638	19			

Post Hoc Tests

Homogeneous Subsets

Panjang Batang

Duncan^a

Perlakuan	N	Subset for alpha = 0.05	
		1	2
P1	5	99.80	
P4	5		117.10
P2	5		122.80
P3	5		131.60
Sig.		1.000	.057

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

```

ONEWAY Diameter_Batang BY Perlakuan
/STATISTICS DESCRIPTIVES
/MISSING ANALYSIS
/CRITERIA=CILEVEL(0.95)
/POSTHOC=DUNCAN ALPHA(0.05).

```

Oneway

Descriptives

Diameter Batang

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	1.96	.089	.040	1.85	2.07	2	2
P2	5	2.10	.122	.055	1.95	2.25	2	2
P3	5	2.18	.217	.097	1.91	2.45	2	3
P4	5	2.12	.179	.080	1.90	2.34	2	2
Total	20	2.09	.168	.038	2.01	2.17	2	3

ANOVA

Diameter Batang

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.130	3	.043	1.699	.207
Within Groups	.408	16	.025		
Total	.538	19			

```

ONEWAY Panjang_Daun BY Perlakuan
/STATISTICS DESCRIPTIVES
/MISSING ANALYSIS
/CRITERIA=CILEVEL(0.95)
/POSTHOC=DUNCAN ALPHA(0.05).

```

Oneway

Descriptives

Panjang Daun

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	101.20	5.357	2.396	94.55	107.85	96	108
P2	5	111.80	9.680	4.329	99.78	123.82	103	126
P3	5	110.70	5.450	2.437	103.93	117.47	103	117
P4	5	109.30	3.271	1.463	105.24	113.36	107	115
Total	20	108.25	7.248	1.621	104.86	111.64	96	126

ANOVA

Panjang Daun

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	347.050	3	115.683	2.842	.071
Within Groups	651.200	16	40.700		
Total	998.250	19			

Post Hoc Tests

Homogeneous Subsets

Panjang Daun

Duncan^a

Perlakuan	N	Subset for alpha = 0.05	
		1	2
P1	5	101.20	
P4	5	109.30	109.30
P3	5		110.70
P2	5		111.80
Sig.		.062	.566

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

```

ONEWAY Lebar_Daun BY Perlakuan
/STATISTICS DESCRIPTIVES
/MISSING ANALYSIS
/CRITERIA=CILEVEL(0.95)
/POSTHOC=DUNCAN ALPHA(0.05) .

```

Oneway

Descriptives

Lebar Daun

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	3.68	.205	.092	3.43	3.93	4	4
P2	5	4.26	.702	.314	3.39	5.13	4	5
P3	5	4.22	.217	.097	3.95	4.49	4	5
P4	5	4.00	.212	.095	3.74	4.26	4	4
Total	20	4.04	.433	.097	3.84	4.24	4	5

ANOVA

Lebar Daun

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.060	3	.353	2.254	.121
Within Groups	2.508	16	.157		
Total	3.568	19			

Post Hoc Tests

Homogeneous Subsets

Lebar Daun

Duncan^a

Perlakuan	N	Subset for alpha = 0.05	
		1	2
P1	5	3.68	
P4	5	4.00	4.00
P3	5	4.22	4.22
P2	5		4.26
Sig.		.057	.340

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

ONEWAY Jumlah_Daun BY Perlakuan
 /STATISTICS DESCRIPTIVES
 /MISSING ANALYSIS
 /CRITERIA=CILEVEL(0.95)
 /POSTHOC=DUNCAN ALPHA(0.05).

Oneway

Descriptives

Jumlah Daun

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
					P1	5		
P2	5	83.60	15.323	6.853	64.57	102.63	66	104
P3	5	91.40	5.273	2.358	84.85	97.95	86	98
P4	5	81.60	26.885	12.023	48.22	114.98	44	108
Total	20	85.35	15.534	3.473	78.08	92.62	44	108

ANOVA

Jumlah Daun

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	270.150	3	90.050	.334	.801
Within Groups	4314.400	16	269.650		
Total	4584.550	19			

```

ONEWAY Jumlah_Anakan BY Perlakuan
/STATISTICS DESCRIPTIVES
/MISSING ANALYSIS
/CRITERIA=CILEVEL(0.95)
/POSTHOC=DUNCAN ALPHA(0.05) .

```

Oneway

Descriptives

Jumlah Anakan

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	14.80	2.950	1.319	11.14	18.46	10	17
P2	5	15.40	3.507	1.568	11.05	19.75	12	21
P3	5	16.60	1.342	.600	14.93	18.27	15	18
P4	5	14.00	4.899	2.191	7.92	20.08	7	19
Total	20	15.20	3.286	.735	13.66	16.74	7	21

ANOVA

Jumlah Anakan

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	18.000	3	6.000	.513	.679
Within Groups	187.200	16	11.700		
Total	205.200	19			

```

ONEWAY Berat Segar BY Perlakuan
/STATISTICS DESCRIPTIVES
/MISSING ANALYSIS
/CRITERIA=CILEVEL(0.95)
/POSTHOC=DUNCAN ALPHA(0.05) .

```

Oneway

Descriptives

Berat Segar

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	51.9180	15.35206	6.86565	32.8559	70.9801	27.76	66.73
P2	5	61.7880	11.16913	4.99499	47.9197	75.6563	52.35	80.51
P3	5	70.9940	6.55587	2.93188	62.8538	79.1342	64.80	82.14
P4	5	66.2440	24.41103	10.91694	35.9337	96.5543	51.84	109.08
Total	20	62.7360	16.20493	3.62353	55.1519	70.3201	27.76	109.08

ANOVA

Berat Segar

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	992.142	3	330.714	1.324	.301
Within Groups	3997.252	16	249.828		
Total	4989.395	19			


```

ONEWAY Bahan_Kering BY Perlakuan
/STATISTICS DESCRIPTIVES
/MISSING ANALYSIS
/CRITERIA=CILEVEL(0.95)
/POSTHOC=DUNCAN ALPHA(0.05) .

```

Oneway

Descriptives

Bahan Kering

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	14.4900	4.62592	2.06877	8.7462	20.2338	9.04	21.86
P2	5	18.0900	4.28819	1.91774	12.7655	23.4145	13.59	22.78
P3	5	19.2700	2.90776	1.30039	15.6595	22.8805	16.35	24.04
P4	5	17.0380	6.74998	3.01868	8.6568	25.4192	9.31	27.71
Total	20	17.2220	4.79828	1.07293	14.9763	19.4677	9.04	27.71

ANOVA

Bahan Kering

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	62.227	3	20.742	.884	.470
Within Groups	375.220	16	23.451		
Total	437.447	19			

```

ONEWAY Rasio_BD BY Perlakuan
/STATISTICS DESCRIPTIVES
/MISSING ANALYSIS
/CRITERIA=CILEVEL(0.95)
/POSTHOC=DUNCAN ALPHA(0.05).

```

Oneway

Descriptives

Rasio Batang Daun

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	.4220	.14446	.06461	.2426	.6014	.25	.58
P2	5	.3500	.11467	.05128	.2076	.4924	.23	.52
P3	5	.3340	.11459	.05124	.1917	.4763	.16	.47
P4	5	.3620	.08319	.03720	.2587	.4653	.28	.50
Total	20	.3670	.11202	.02505	.3146	.4194	.16	.58

ANOVA

Rasio Batang Daun

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.022	3	.007	.546	.658
Within Groups	.216	16	.014		
Total	.238	19			

```

ONEWAY Protein_kasar BY Perlakuan
/STATISTICS DESCRIPTIVES
/MISSING ANALYSIS
/CRITERIA=CILEVEL(0.95)
/POSTHOC=DUNCAN ALPHA(0.05).

```

Oneway

Descriptives

Protein kasar

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	11.5460	1.20446	.53865	10.0505	13.0415	10.08	12.87
P2	5	11.1820	.39347	.17597	10.6934	11.6706	10.56	11.62
P3	5	10.3640	1.06025	.47416	9.0475	11.6805	9.00	11.45
P4	5	9.9180	.45185	.20207	9.3570	10.4790	9.39	10.59
Total	20	10.7525	1.02707	.22966	10.2718	11.2332	9.00	12.87

ANOVA

Protein kasar

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	8.307	3	2.769	3.775	.032
Within Groups	11.735	16	.733		
Total	20.043	19			

Post Hoc Tests

Homogeneous Subsets

Protein kasar

Duncan^a

Perlakuan	N	Subset for alpha = 0.05	
		1	2
P4	5	9.9180	
P3	5	10.3640	10.3640
P2	5		11.1820
P1	5		11.5460
Sig.		.422	.054

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

```

ONEWAY Serat_kasar BY Perlakuan
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /CRITERIA=CILEVEL(0.95)
  /POSTHOC=DUNCAN ALPHA(0.05) .

```

Oneway

Descriptives

Serat kasar

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	30.1540	.81715	.36544	29.1394	31.1686	29.40	31.54
P2	5	29.6120	.68740	.30742	28.7585	30.4655	28.47	30.29
P3	5	30.6560	.89746	.40136	29.5417	31.7703	29.65	31.72
P4	5	30.3400	.56147	.25110	29.6428	31.0372	29.66	31.17
Total	20	30.1905	.79203	.17710	29.8198	30.5612	28.47	31.72

ANOVA

Serat kasar

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2.875	3	.958	1.696	.208
Within Groups	9.044	16	.565		
Total	11.919	19			

```

ONEWAY NDF BY Perlakuan
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /CRITERIA=CILEVEL(0.95)
  /POSTHOC=DUNCAN ALPHA(0.05) .

```

Oneway**Descriptives**

NDF

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	68.6060	2.41371	1.07944	65.6090	71.6030	66.18	71.98
P2	5	67.5340	3.13054	1.40002	63.6469	71.4211	63.28	71.26
P3	5	67.6380	1.21633	.54396	66.1277	69.1483	66.36	69.39
P4	5	67.4640	3.47317	1.55325	63.1515	71.7765	64.11	71.50
Total	20	67.8105	2.52326	.56422	66.6296	68.9914	63.28	71.98

ANOVA

NDF

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4.295	3	1.432	.196	.897
Within Groups	116.674	16	7.292		
Total	120.970	19			

```

ONEWAY ADF BY Perlakuan
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /CRITERIA=CILEVEL(0.95)
  /POSTHOC=DUNCAN ALPHA(0.05) .

```

Oneway

Descriptives

ADF

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for		Minimum	Maximum
					Mean			
					Lower Bound	Upper Bound		
P1	5	40.4580	1.20912	.54073	38.9567	41.9593	39.27	42.32
P2	5	40.9780	1.33999	.59926	39.3142	42.6418	39.65	43.17
P3	5	40.0500	1.15681	.51734	38.6136	41.4864	38.89	41.67
P4	5	39.5620	1.59871	.71496	37.5769	41.5471	37.53	41.53
Total	20	40.2620	1.33843	.29928	39.6356	40.8884	37.53	43.17

ANOVA

ADF

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	5.430	3	1.810	1.012	.413
Within Groups	28.606	16	1.788		
Total	34.037	19			

ONEWAY Cellulosa BY Perlakuan
 /STATISTICS DESCRIPTIVES
 /MISSING ANALYSIS
 /CRITERIA=CILEVEL(0.95)
 /POSTHOC=DUNCAN ALPHA(0.05).

Oneway

Descriptives

Cellulosa

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	32.8620	1.44807	.64760	31.0640	34.6600	30.98	34.97
P2	5	32.9420	1.26687	.56656	31.3690	34.5150	31.40	34.46
P3	5	31.6500	1.03286	.46191	30.3675	32.9325	29.96	32.72
P4	5	31.3860	1.54798	.69228	29.4639	33.3081	29.74	32.99
Total	20	32.2100	1.42214	.31800	31.5444	32.8756	29.74	34.97

ANOVA

Cellulosa

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	9.768	3	3.256	1.818	.185
Within Groups	28.660	16	1.791		
Total	38.427	19			

ONEWAY Hemicellulosa BY Perlakuan
 /STATISTICS DESCRIPTIVES
 /MISSING ANALYSIS
 /CRITERIA=CILEVEL(0.95)
 /POSTHOC=DUNCAN ALPHA(0.05) .

Oneway

Descriptives

Hemicellulosa

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	28.1480	1.70484	.76243	26.0312	30.2648	25.95	29.86
P2	5	26.5580	2.34114	1.04699	23.6511	29.4649	23.64	28.90
P3	5	27.5840	1.34576	.60184	25.9130	29.2550	26.00	29.14
P4	5	27.8980	2.23309	.99867	25.1253	30.6707	25.57	30.59
Total	20	27.5470	1.89265	.42321	26.6612	28.4328	23.64	30.59

ANOVA

Hemicellulosa

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	7.319	3	2.440	.643	.599
Within Groups	60.741	16	3.796		
Total	68.060	19			


```

ONEWAY Lignin BY Perlakuan
/STATISTICS DESCRIPTIVES
/MISSING ANALYSIS
/CRITERIA=CILEVEL(0.95)
/POSTHOC=DUNCAN ALPHA(0.05).

```

Oneway

Descriptives

Lignin

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P1	5	4.2200	1.29428	.57882	2.6129	5.8271	3.43	6.50
P2	5	3.6980	.42787	.19135	3.1667	4.2293	3.33	4.42
P3	5	3.9840	.36281	.16225	3.5335	4.4345	3.70	4.49
P4	5	4.0080	.27617	.12351	3.6651	4.3509	3.79	4.48
Total	20	3.9775	.68649	.15350	3.6562	4.2988	3.33	6.50

ANOVA

Lignin

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.689	3	.230	.445	.724
Within Groups	8.264	16	.517		
Total	8.954	19			

Lampiran 3. Data Curah Hujan



ID WMO : 97184
 Nama Stasiun : Stasiun Klimatologi Sulawesi Selatan
 Lintang : -3,858005
 Bujur : 119,815331
 Elevasi : 13

Tanggal	Curah Hujan (RR)					
	April	Mei	Juni	Juli	Agustus	September
1	64.1	0	0	0	0	0
2	3.7	0	1	1.4	0	0
3	85.8	1	2	2.4	0	0
4	0	4.4	0	7.3	0	0
5	7.3	4	0.5	0	-	0
6	8888	0	12	0	0	0
7	0		0	2	0	0
8	31.5	0.8	0	0	0	0
9	40.1	35.1	0	0	0	0
10	48.4	0.7	5.5	0	0	0
11	30.1	7.9	9.6	0	0	0
12	17.9	0.9	0	0	0	0
13	0.8	0	0	21.5	0	0
14	0	0	0	1	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	8888	0	0	5.5	-	0
18	8888		8888	0	0	0
19	0	0	0	0	0	0
20	-	0	0	0	0	0
21	0	0	8888	0	0	0
22	8888	0	0	0	0	0
23	8888	0	0	0	-	0
24	0	0	0	0	0	0
25	0	0	0	0	0	0
26	8888	0	0	0	0	0
27	13.5	0	33.9	-	0	0
28	1.6	0	31.8	0	0	0
29	0	0	0	0	0	0
30	27.9	0	0	0	0	0
31	-	8888	-	0	0	-

Sumber: Stasiun Klimatologi Sulawesi Selatan, 2024

Keterangan:

- = Tidak ada hujan
 - 0,5 - 20 mm = Hujan ringan
 - 20 - 50 mm = Hujan sedang
 - 50 - 100 mm = Hujan lebat
 - 100 - 150 = Hujan sangat Lebat
 - >150 = Hujan ekstrim
- Curah hujan (mm)

RIWAYAT HIDUP



Sudarsono, lahir pada tanggal 14 Desember 1993 di Sidenreng Rappang. Penulis adalah anak ke tujuh dari tujuh bersaudara. Anak dari pasangan bapak Jibe Rada dan ibu Sahira. Jenjang pendidikan formal yang pernah ditempuh adalah Sekolah Dasar Negeri 1 Macorawalie di Kab. Sidrap dan lulus tahun 2006. Kemudian menyelesaikan pendidikan di SMP Negeri 1 Panca Rijang Kab. Sidrap pada tahun 2009. Kemudian melanjutkan pendidikan di SMK Negeri 1 Watang Pulu Kab. Sidrap pada Jurusan Peternakan, lulus pada tahun 2012. Selanjutnya melanjutkan pendidikan S1 di Fakultas Peternakan UNHAS dan selesai pada tahun 2016 dan menerima beasiswa Bidikmisi. Penulis kembali melanjutkan pendidikan Magister (S2) pada tahun 2022 di Program Studi Ilmu dan Teknologi Peternakan Fakultas Peternakan UNHAS dan memperoleh beasiswa pendidikan Indonesia (BPI). Pelatihan terkait kompetensi yang pernah diikuti yaitu pelatihan Inseminasi Buatan (IB) yang dilaksanakan oleh UPT-IB Provinsi Sulawesi Selatan tahun 2016, lalu melanjutkan pelatihan Pemeriksaan Kebuntingan (PKB) pada sapi dan kerbau di BBIB Singosari Malang tahun 2018. Saat ini penulis bekerja sebagai tenaga kependidikan di Fakultas Vokasi UNHAS Kampus SIDRAP.