

Lampiran 1. Data Hasil Pengamatan Biji Kenari

A. Data Hasil Pengamatan Presentase Jumlah Kecambah Yang Dihitung Pada Hari Ke- 14 Setelah Tanam (hst)

Konsentrasi (%)	Lama perendaman (jam)	Ulangan			Total	Rata-rata
		1	2	3		
K1	L1	20	20	35	75	25
	L2	15	15	20	50	16.67
	L3	10	10	10	30	10
K2	L1	10	20	10	40	13.33
	L2	25	30	25	80	26.67
	L3	10	10	10	30	10
K3	L1	20	15	25	60	20
	L2	20	25	15	60	20
	L3	10	20	10	40	13.33
K4	L1	40	15	15	70	23.33
	L2	30	10	30	70	23.33
	L3	10	10	10	30	10
K5	L1	10	15	15	40	13.33
	L2	15	15	10	40	13.33
	L3	10	10	10	30	10
K6	L1	25	30	30	85	28.33
	L2	25	30	20	75	25
	L3	10	10	10	30	10
Total		315	310	310	935	

B. Data Hasil Pengamatan Panjang Hipokotil Pada Hari Ke-28 Setelah Tanam hst

Konsentrasi (%)	Lama perendaman (jam)	Ulangan			Total	Rata-rata
		1	2	3		
K1	L1	7.55	5.37	7.14	20.06	6.68
	L2	6.16	4.67	6.5	17.33	5.77
	L3	3	4	3.5	10.5	3.5
K2	L1	5.25	6.17	2.5	13.92	4.64
	L2	7.5	8.75	5.7	21.95	7.31
	L3	5.5	4.75	3	13.25	4.41
K3	L1	6.75	6.5	3.2	16.45	5.48
	L2	5.12	7.6	7.83	20.55	6.85
	L3	5.75	6.37	4.75	16.87	5.62
K4	L1	5.43	6.67	4.83	16.93	5.64
	L2	9.53	6.5	8.83	24.86	8.28
	L3	3.25	3	2.5	8.75	2.91
K5	L1	5.75	5.16	5.83	16.74	5.58
	L2	8.16	9.5	4.5	22.16	7.38
	L3	5.1	2.5	4	11.6	3.86
K6	L1	5.6	6.67	5.58	17.85	5.95
	L2	8	7.41	8.25	23.66	7.88
	L3	4.5	8.75	3.75	17	5.66
Total		107.9	110.34	92.19	310.43	

**C. Data Hasil Pengamatan Laju Perkecambahan Pada Hari Ke-14 Hst
Sampai Ke-28 hst**

Konsentrasi (%)	Lama perendaman (jam)	Ulangan			Total	Rata-rata
		1	2	3		
K1	L1	27.37	27.42	26.82	81.61	27.20
	L2	22.36	26.18	23.71	72.25	24.08
	L3	28	26.33	28	82.33	27.44
K2	L1	27.66	22.88	28	78.54	26.18
	L2	23.07	20.7	25.76	69.53	23.17
	L3	28	27.66	28	83.66	27.88
K3	L1	27.12	27.75	27.83	82.7	27.56
	L2	27	21.82	24.11	72.93	24.31
	L3	28	27.2	28	83.2	27.73
K4	L1	27.63	27.14	26.87	81.64	27.21
	L2	23.81	21.43	22.42	67.66	22.55
	L3	28	28	28	84	28
K5	L1	26.83	28	28	82.83	27.61
	L2	25.66	21.62	26.8	74.08	24.69
	L3	27.66	28	26.8	82.46	27.48
K6	L1	24.84	22.52	27.27	74.63	24.87
	L2	21.97	23.6	22.93	68.5	22.83
	L3	21.43	23.05	26.8	71.28	23.76
Total		466.41	451.3	476.12	1393.83	

Lampiran 2. Perhitungan Statistik

A. Perhitungan statistik untuk parameter persentase perkecambahan pada hari ke-14 setelah tanam (hst)

Between-Subjects Factors

		Value Label	N
konsentrasi	1	100%	9
	2	80%	9
	3	60%	9
	4	40%	9
	5	20%	9
	6	0%	9
lama	1	72 jam	18
	2	48 jam	18
	3	24 jam	18

Descriptive Statistics

Dependent Variable: data

konsentrasi	lama	Mean	Std. Deviation	N
100%	72 jam	25.0000	8.66025	3
	48 jam	16.6667	2.88675	3
	24 jam	10.0000	.00000	3
	Total	17.2222	7.94949	9
80%	72 jam	10.0333	9.95004	3
	48 jam	26.6667	2.88675	3
	24 jam	10.0000	.00000	3
	Total	15.5667	9.80510	9

60%	72 jam	20.0000	5.00000	3
	48 jam	20.0000	5.00000	3
	24 jam	13.3333	5.77350	3
	Total	17.7778	5.65194	9
40%	72 jam	23.3333	14.43376	3
	48 jam	23.3333	11.54701	3
	24 jam	10.0000	.00000	3
	Total	18.8889	11.39566	9
20%	72 jam	13.3333	2.88675	3
	48 jam	13.3333	2.88675	3
	24 jam	10.0000	.00000	3
	Total	12.2222	2.63523	9
0%	72 jam	28.3333	2.88675	3
	48 jam	25.0000	5.00000	3
	24 jam	10.0000	.00000	3
	Total	21.1111	8.93650	9
Total	72 jam	20.0056	9.68932	18
	48 jam	20.8333	6.91333	18
	24 jam	10.5556	2.35702	18
	Total	17.1315	8.32894	54

Tests of Between-Subjects Effects

Dependent Variable: data

Source	Type IV Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Model	18193.670 ^a	18	1010.759	27.331	.000	.932
konsentrasi	413.112	5	82.622	2.234	.072	.237
lama	1173.723	2	586.861	15.869	.000	.469
konsentrasi * lama	758.502	10	75.850	2.051	.056	.363
Error	1331.340	36	36.982			
Total	19525.010	54				

a. R Squared = .932 (Adjusted R Squared = .898)

Estimated Marginal Means

1. konsentrasi

Dependent Variable: data

konsentrasi	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
100%	17.222	2.027	13.111	21.333
80%	15.567	2.027	11.456	19.678
60%	17.778	2.027	13.667	21.889

40%	18.889	2.027	14.778	23.000
20%	12.222	2.027	8.111	16.333
0%	21.111	2.027	17.000	25.222

2. lama

Dependent Variable: data

lama	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
72 jam	20.006	1.433	17.099	22.913
48 jam	20.833	1.433	17.926	23.740
24 jam	10.556	1.433	7.649	13.463

3. konsentrasi * lama

Dependent Variable: data

konsentrasi	lama	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
100%	72 jam	25.000	3.511	17.879	32.121
	48 jam	16.667	3.511	9.546	23.787
	24 jam	10.000	3.511	2.879	17.121
80%	72 jam	10.033	3.511	2.913	17.154
	48 jam	26.667	3.511	19.546	33.787
	24 jam	10.000	3.511	2.879	17.121
60%	72 jam	20.000	3.511	12.879	27.121
	48 jam	20.000	3.511	12.879	27.121
	24 jam	13.333	3.511	6.213	20.454
40%	72 jam	23.333	3.511	16.213	30.454
	48 jam	23.333	3.511	16.213	30.454
	24 jam	10.000	3.511	2.879	17.121
20%	72 jam	13.333	3.511	6.213	20.454
	48 jam	13.333	3.511	6.213	20.454
	24 jam	10.000	3.511	2.879	17.121
0%	72 jam	28.333	3.511	21.213	35.454
	48 jam	25.000	3.511	17.879	32.121
	24 jam	10.000	3.511	2.879	17.121

Homogeneous Subsets

data				
	konsentrasi	N	Subset	
			1	2
Student-Newman-Keuls ^a	20%	9	12.2222	
	80%	9	15.5667	15.5667
	100%	9	17.2222	17.2222
	60%	9	17.7778	17.7778
	40%	9	18.8889	18.8889
	0%	9		21.1111
	Sig.		.160	.318

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 36.982.

a. Uses Harmonic Mean Sample Size = 9.000.

data				
	lama	N	Subset	
			1	2
Student-Newman-Keuls ^a	24 jam	18	10.5556	
	72 jam	18		20.0056
	48 jam	18		20.8333
	Sig.		1.000	.685

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 36.982.

a. Uses Harmonic Mean Sample Size = 18.000.

B. Perhitungan statistik untuk parameter panjang hipokotil pada hari ke-28 setelah tanam (hst)

Between-Subjects Factors

		Value Label	N
konsentrasi	1	100%	9
	2	80%	9
	3	60%	9
	4	40%	9
	5	20%	9
	6	0%	9
lama	1	72 jam	18
	2	48 jam	18
	3	24 jam	18

Descriptive Statistics

Dependent Variable: data

konsentrasi	lama	Mean	Std. Deviation	N
100%	72 jam	6.6867	1.15855	3
	48 jam	5.7767	.97336	3
	24 jam	3.5000	.50000	3
	Total	5.3211	1.62963	9
80%	72 jam	4.6400	1.90953	3
	48 jam	7.3167	1.53324	3
	24 jam	4.4167	1.28290	3
	Total	5.4578	1.96565	9
60%	72 jam	5.4833	1.98137	3
	48 jam	6.8500	1.50263	3

	24 jam	5.6233	.81739	3
	Total	5.9856	1.46184	9
40%	72 jam	5.6433	.93837	3
	48 jam	8.2867	1.58639	3
	24 jam	2.9167	.38188	3
	Total	5.6156	2.50861	9
20%	72 jam	5.5800	.36592	3
	48 jam	7.3033	2.72783	3
	24 jam	3.8667	1.30512	3
	Total	5.5833	2.12934	9
0%	72 jam	5.9500	.62362	3
	48 jam	7.8867	.43132	3
	24 jam	5.6667	2.69645	3
	Total	6.5011	1.74825	9
Total	72 jam	5.6639	1.26687	18
	48 jam	7.2367	1.58765	18
	24 jam	4.3317	1.58062	18
	Total	5.7441	1.88705	54

Tests of Between-Subjects Effects

Dependent Variable: data

Source	Type IV Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Model	1895.026 ^a	18	105.279	50.264	.000	.962
konsentasi	8.412	5	1.682	.803	.555	.100
lama	76.125	2	38.062	18.172	.000	.502
konsentasi * lama	28.792	10	2.879	1.375	.231	.276
Error	75.403	36	2.095			
Total	1970.429	54				

a. R Squared = .962 (Adjusted R Squared = .943)

Estimated Marginal Means

1. konsentasi

Dependent Variable: data

konsentasi	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
100%	5.321	.482	4.343	6.299
80%	5.458	.482	4.479	6.436
60%	5.986	.482	5.007	6.964
40%	5.616	.482	4.637	6.594

20%	5.583	.482	4.605	6.562
0%	6.501	.482	5.523	7.479

2. lama

Dependent Variable: data

lama	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
72 jam	5.664	.341	4.972	6.356
48 jam	7.237	.341	6.545	7.928
24 jam	4.332	.341	3.640	5.023

3. konsentasi * lama

Dependent Variable: data

konsentasi	lama	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
100%	72 jam	6.687	.836	4.992	8.381
	48 jam	5.777	.836	4.082	7.471
	24 jam	3.500	.836	1.805	5.195
80%	72 jam	4.640	.836	2.945	6.335
	48 jam	7.317	.836	5.622	9.011
	24 jam	4.417	.836	2.722	6.111
60%	72 jam	5.483	.836	3.789	7.178
	48 jam	6.850	.836	5.155	8.545
	24 jam	5.623	.836	3.929	7.318
40%	72 jam	5.643	.836	3.949	7.338
	48 jam	8.287	.836	6.592	9.981
	24 jam	2.917	.836	1.222	4.611
20%	72 jam	5.580	.836	3.885	7.275
	48 jam	7.303	.836	5.609	8.998
	24 jam	3.867	.836	2.172	5.561
0%	72 jam	5.950	.836	4.255	7.645
	48 jam	7.887	.836	6.192	9.581
	24 jam	5.667	.836	3.972	7.361

Homogeneous Subsets

data			
	konsent asi	N	Subset 1
Student-Newman-Keuls ^a	100%	9	5.3211
	80%	9	5.4578
	20%	9	5.5833
	40%	9	5.6156
	60%	9	5.9856
	0%	9	6.5011
	Sig.		.522

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 2.095.

a. Uses Harmonic Mean Sample Size = 9.000.

data					
	lama	N	Subset		
			1	2	3
Student-Newman-Keuls ^a	24 jam	18	4.3317		
	72 jam	18		5.6639	
	48 jam	18			7.2367
	Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 2.095.

data

		N	Subset		
lama			1	2	3
Student-Newman-Keuls ^a	24 jam	18	4.3317	5.6639	7.2367
	72 jam	18			
	48 jam	18			
	Sig.		1.000	1.000	1.000

a. Uses Harmonic Mean Sample Size = 18.000.

C. Perhitungan statistik untuk parameter laju perkecambahan pada hari ke-14 setelah tanam sampai hari ke-28 setelah tanam (hst)

Between-Subjects Factors

		Value Label	N
konsentrasi	1	100%	9
	2	80%	9
	3	60%	9
	4	40%	9
	5	20%	9
	6	0%	9
lama	1	72 jam	18
	2	48 jam	18
	3	24 am	18

Descriptive Statistics

Dependent Variable:data

konsentrasi	lama	Mean	Std. Deviation	N
100%	72 jam	27.2033	.33292	3

	48 jam	24.0833	1.93717	3
	24 jam	27.4433	.96417	3
	Total	26.2433	1.95793	9
80%	72 jam	26.1800	2.86294	3
	48 jam	23.1767	2.53169	3
	24 jam	27.8867	.19630	3
	Total	25.7478	2.81526	9
60%	72 jam	27.5667	.38889	3
	48 jam	24.3100	2.59579	3
	24 jam	27.7333	.46188	3
	Total	26.5367	2.13770	9
40%	72 jam	27.2133	.38527	3
	48 jam	22.5533	1.19559	3
	24 jam	28.0000	.00000	3
	Total	25.9222	2.62575	9
20%	72 jam	27.6100	.67550	3
	48 jam	24.6933	2.72194	3
	24 jam	27.4867	.61849	3
	Total	26.5967	2.02548	9
0%	72 jam	24.8767	2.37521	3
	48 jam	22.8333	.81929	3
	24 jam	23.7600	2.75451	3
	Total	23.8233	2.06401	9
Total	72 jam	26.7750	1.65176	18
	48 jam	23.6083	1.94339	18
	24 jam	27.0517	1.84741	18
	Total	25.8117	2.38063	54

Tests of Between-Subjects Effects

Dependent Variable: data

Source	Type IV Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Model	36176.915 ^a	18	2009.829	719.710	.000	.997
konsentrasi	47.682	5	9.536	3.415	.013	.322
lama	131.765	2	65.883	23.592	.000	.567
konsentrasi * lama	20.392	10	2.039	.730	.691	.169
Error	100.532	36	2.793			
Total	36277.446	54				

a. R Squared = .997 (Adjusted R Squared = .996)

Estimated Marginal Means

1. konsentrasi

Dependent Variable: data

konsentrasi	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
100%	26.243	.557	25.114	27.373
80%	25.748	.557	24.618	26.877
60%	26.537	.557	25.407	27.666
40%	25.922	.557	24.793	27.052
20%	26.597	.557	25.467	27.726
0%	23.823	.557	22.694	24.953

2. lama

Dependent Variable: data

lama	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
72 jam	26.775	.394	25.976	27.574
48 jam	23.608	.394	22.810	24.407
24 jam	27.052	.394	26.253	27.850

3. konsentrasi * lama

Dependent Variable: data

konsentrasi	lama	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
100%	72 jam	27.203	.965	25.247	29.160
	48 jam	24.083	.965	22.127	26.040
	24 jam	27.443	.965	25.487	29.400
80%	72 jam	26.180	.965	24.223	28.137
	48 jam	23.177	.965	21.220	25.133
	24 jam	27.887	.965	25.930	29.843
60%	72 jam	27.567	.965	25.610	29.523
	48 jam	24.310	.965	22.353	26.267
	24 jam	27.733	.965	25.777	29.690
40%	72 jam	27.213	.965	25.257	29.170

	48 jam	22.553	.965	20.597	24.510
	24 jam	28.000	.965	26.043	29.957
20%	72 jam	27.610	.965	25.653	29.567
	48 jam	24.693	.965	22.737	26.650
	24 jam	27.487	.965	25.530	29.443
0%	72 jam	24.877	.965	22.920	26.833
	48 jam	22.833	.965	20.877	24.790
	24 jam	23.760	.965	21.803	25.717

Homogeneous Subsets

data				
	konsentrasi	N	Subset	
			1	2
Student-Newman-Keuls ^a	0%	9	23.8233	
	80%	9		25.7478
	40%	9		25.9222
	100%	9		26.2433
	60%	9		26.5367
	20%	9		26.5967
	Sig.		1.000	.817

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 2.793.

a. Uses Harmonic Mean Sample Size = 9.000.

data		
	lama	Subset

			1	2
Student-Newman-Keuls ^a	48 jam	18	23.6083	
	72 jam	18		26.7750
	24 jam	18		27.0517
	Sig.		1.000	.622

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 2.793.

a. Uses Harmonic Mean Sample Size = 18.000.

Lampiran 3. Dokumentasi Penelitian



(a)



(b)



(c)



Keterangan: (a) lokasi pembibitan, (b) kelapa muda, (c) perlakuan perendaman.





d. media tanam



e. penanaman



f. pemberian naungan

