Lampiran

Lampiran 1. Hasil Data Penelitian jumlah Nyamuk Culex sp. Mati pada beberapa kosentrasi dan interval waktu

Tabel Jumlah Nyamuk *Culex sp.* yang mati pada penggulangan 1

jam	kontrol -	kontrol +	10%	20%	30%
1	0	25	2	4	8
2	0	25	4	4	10
3	0	25	5	6	12
4	0	25	7	9	15
5	0	25	10	14	17
6	0	25	15	19	21
24	0	25	23	25	25

Tabel Jumlah Nyamuk *Culex sp.* yang mati pada penggulangan 2

jam	kontrol -	kontrol +	10%	20%	30%
1	0	25	3	5	6
2	0	25	4	7	10
3	0	25	6	7	13
4	0	25	8	10	17
5	0	25	12	14	20
6	0	25	17	19	22
24	0	25	22	25	25

Tabel Jumlah Nyamuk *Culex sp* yang mati pada penggulangan 3

jam	kontrol -	kontrol +	10%	20%	30%
1	0	25	3	4	6
2	0	25	5	7	10
3	0	25	7	10	13
4	0	25	12	15	17
5	0	25	17	19	20
6	0	25	19	22	23
24	0	25	24	25	25

Tabel Jumlah Nyamuk *Culex sp.* yang mati pada penggulangan 4

jam	kontrol -	kontrol +	10%	20%	30%
1	0	25	2	4	5
2	0	25	4	7	9
3	0	25	7	10	14
4	0	25	13	15	18
5	0	25	17	20	20
6	0	25	20	21	23
24	0	25	24	25	25

Lampiran 2. Hasil Rata – Rata Penelitian jumlah Nyamuk Culex sp. Mati pada beberapa kosentrasi dan interval waktu

Waktu (Jam ke-)	Jumlah Nyamuk Culex sp. yang Mati				
	Kontrol I Kontrol negatif	Kontrol II Kontrol positif	Perlakuan I	Perlakuan II	Perlakuan III
	Aquades	d-aletrin 45 mg/mat	Ekstrak 10%	Ekstrak 20%	Ekstrak 30%
1	0	100%	8%	16%	32%
	0	100%	12%	20%	24%
	0	100%	12%	16%	24%
	0	100%	8%	16%	20%
Rata-rata	0±0	100%±0	10% ±0,023	17%±0,020	25% ±0,0503
2	0	100%	16%	16%	40%
	0	100%	16%	28%	40%
	0	100%	20%	28%	40%
	0	100%	16%	28%	36%
Rata-rata	0±0	100%±0	17%±0,02	25%±0,06	39%±0,02
3	0	100%	20%	24%	48%
	0	100%	24%	28%	52%
	0	100%	28%	40%	52%
	0	100%	28%	40%	56%
Rata-rata	0±0	100%±0	25%±0,038	33%±0,082	52%±0,032
4	0	100%	28%	36%	60%
	0	100%	32%	40%	68%
	0	100%	48%	60%	68%
	0	100%	52%	60%	72%
Rata-rata	0±0	100%±0	40%% ±0,1177	49%±0.128	67%% ±0.050
5	0	100%	40%	56%	68%
	0	100%	48%	56%	80%
	0	100%	68%	76%	80%
	0	100%	68%	80%	80%
Rata-rata	0±0	100%±0	56±0,0887	67%±0,06	77% ±0,0383
6	0	100%	60%	76%	84%
	0	100%	68%	76%	88%
	0	100%	76%	88%	92%
	0	100%	80%	84%	92%
Rata-rata	0±0	100%±0	71%±0,142	81%±0,128	89%±0,06
24	0	100%	92%	100%	100%
	0	100%	88%	100%	100%
	0	100%	96%	100%	100%
	0	100%	96%	100%	100%

Lampiran 3. Uji Homogenitas Levene's

Test of Homogeneity of Variances

Jumlah_Nyamuk

Levene Statistic	df1	df2	Sig.
1.225	2	81	.299

Lampiran 4. Uji Normalitas

One-Sample Kolmogorov-Smirnov Test

		Jumlah_Nyamuk
N		84
Normal Parameters[a,b]	Mean	13.3929
	Std. Deviation	7.38285
Most Extreme Differences	Absolute	.140
	Positive	.140
	Negative	-.098
Kolmogorov-Smirnov Z		1.284
Asymp. Sig. (2-tailed)		.074

a. Test distribution is Normal.

b. Calculated from data.

Lampiran 5. Anova Analisis Ragam

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
jam1	Between Groups	28.167	2	14.083	19.500	.001
	Within Groups	6.500	9	.722		
	Total	34.667	11			
jam2	Between Groups	62.000	2	31.000	33.818	.000
	Within Groups	8.250	9	.917		
	Total	70.250	11			
jam3	Between Groups	121.500	2	60.750	72.900	.000
	Within Groups	7.500	9	.833		
	Total	129.000	11			
jam4	Between Groups	94.500	2	47.250	6.915	.015
	Within Groups	61.500	9	6.833		
	Total	156.000	11			
jam5	Between Groups	55.167	2	27.583	3.288	.085
	Within Groups	75.500	9	8.389		
	Total	130.667	11			
jam6	Between Groups	40.667	2	20.333	7.546	.012
	Within Groups	24.250	9	2.694		
	Total	64.917	11			
jam24	Between Groups	8.167	2	4.083	13.364	.002
	Within Groups	2.750	9	.306		
	Total	10.917	11			

Lampiran 6. Uji One Way Anova

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
jam1	10%	4	2.5000	.57735	.28868	1.5813	3.4187	2.00	3.00
	20%	4	4.2500	.50000	.25000	3.4544	5.0456	4.00	5.00
	30%	4	6.2500	1.25831	.62915	4.2478	8.2522	5.00	8.00
	Total	12	4.3333	1.77525	.51247	3.2054	5.4613	2.00	8.00
jam2	10%	4	4.2500	.50000	.25000	3.4544	5.0456	4.00	5.00
	20%	4	6.2500	1.50000	.75000	3.8632	8.6368	4.00	7.00
	30%	4	9.7500	.50000	.25000	8.9544	10.5456	9.00	10.00
	Total	12	6.7500	2.52713	.72952	5.1443	8.3557	4.00	10.00
jam3	10%	4	6.2500	.95743	.47871	4.7265	7.7735	5.00	7.00
	20%	4	6.2500	.95743	.47871	4.7265	7.7735	5.00	7.00
	30%	4	13.0000	.81650	.40825	11.7008	14.2992	12.00	14.00
	Total	12	8.5000	3.42451	.98857	6.3242	10.6758	5.00	14.00
jam4	10%	4	10.0000	2.94392	1.47196	5.3156	14.6844	7.00	13.00
	20%	4	12.2500	3.20156	1.60078	7.1556	17.3444	9.00	15.00
	30%	4	16.7500	1.25831	.62915	14.7478	18.7522	15.00	18.00
	Total	12	13.0000	3.76588	1.08711	10.6073	15.3927	7.00	18.00
jam5	10%	4	14.0000	3.55903	1.77951	8.3368	19.6632	10.00	17.00
	20%	4	16.7500	3.20156	1.60078	11.6556	21.8444	14.00	20.00
	30%	4	19.2500	1.50000	.75000	16.8632	21.6368	17.00	20.00
	Total	12	16.6667	3.44656	.99494	14.4768	18.8565	10.00	20.00
jam6	10%	4	17.7500	2.21736	1.10868	14.2217	21.2783	15.00	20.00
	20%	4	20.2500	1.50000	.75000	17.8632	22.6368	19.00	22.00
	30%	4	22.2500	.95743	.47871	20.7265	23.7735	21.00	23.00
	Total	12	20.0833	2.42930	.70128	18.5398	21.6268	15.00	23.00
jam24	10%	4	23.2500	.95743	.47871	21.7265	24.7735	22.00	24.00
	20%	4	25.0000	.00000	.00000	25.0000	25.0000	25.00	25.00
	30%	4	25.0000	.00000	.00000	25.0000	25.0000	25.00	25.00
	Total	12	24.4167	.99620	.28758	23.7837	25.0496	22.00	25.00

Lampiran 7. Post Hoc Test

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
jam1	10%	20%	-1.75000*	.60093	.041	-3.4278	-.0722
		30%	-3.75000*	.60093	.000	-5.4278	-2.0722
	20%	10%	1.75000*	.60093	.041	.0722	3.4278
		30%	-2.00000*	.60093	.022	-3.6778	-.3222
	30%	10%	3.75000*	.60093	.000	2.0722	5.4278
		20%	2.00000*	.60093	.022	.3222	3.6778
jam2	10%	20%	-2.00000*	.67700	.039	-3.8902	-.1098
		30%	-5.50000*	.67700	.000	-7.3902	-3.6098
	20%	10%	2.00000*	.67700	.039	.1098	3.8902
		30%	-3.50000*	.67700	.002	-5.3902	-1.6098
	30%	10%	5.50000*	.67700	.000	3.6098	7.3902
		20%	3.50000*	.67700	.002	1.6098	5.3902
jam3	10%	20%	.00000	.64550	1.000	-1.8022	1.8022
		30%	-6.75000*	.64550	.000	-8.5522	-4.9478
	20%	10%	.00000	.64550	1.000	-1.8022	1.8022
		30%	-6.75000*	.64550	.000	-8.5522	-4.9478
	30%	10%	6.75000*	.64550	.000	4.9478	8.5522
		20%	6.75000*	.64550	.000	4.9478	8.5522
jam4	10%	20%	-2.25000	1.84842	.473	-7.4108	2.9108
		30%	-6.75000*	1.84842	.013	-11.9108	-1.5892
	20%	10%	2.25000	1.84842	.473	-2.9108	7.4108
		30%	-4.50000	1.84842	.087	-9.6608	.6608
	30%	10%	6.75000*	1.84842	.013	1.5892	11.9108
		20%	4.50000	1.84842	.087	-.6608	9.6608

jam5	10%	20%	-2.75000	2.04803	.409	-8.4681	2.9681
		30%	-5.25000	2.04803	.071	-10.9681	.4681
	20%	10%	2.75000	2.04803	.409	-2.9681	8.4681
		30%	-2.50000	2.04803	.471	-8.2181	3.2181
	30%	10%	5.25000	2.04803	.071	-.4681	10.9681
		20%	2.50000	2.04803	.471	-3.2181	8.2181
jam6	10%	20%	-2.50000	1.16070	.134	-5.7407	.7407
		30%	-4.50000*	1.16070	.009	-7.7407	-1.2593
	20%	10%	2.50000	1.16070	.134	-.7407	5.7407
		30%	-2.00000	1.16070	.249	-5.2407	1.2407
	30%	10%	4.50000*	1.16070	.009	1.2593	7.7407
		20%	2.00000	1.16070	.249	-1.2407	5.2407
jam24	10%	20%	-1.75000*	.39087	.004	-2.8413	-.6587
		30%	-1.75000*	.39087	.004	-2.8413	-.6587
	20%	10%	1.75000*	.39087	.004	.6587	2.8413
		30%	.00000	.39087	1.000	-1.0913	1.0913
	30%	10%	1.75000*	.39087	.004	.6587	2.8413
		20%	.00000	.39087	1.000	-1.0913	1.0913

*. The mean difference is significant at the 0.05 level.

Lampiran 8. Lanjutan Post Hoc Test

Homogeneous Subsets

jam1

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
10%	4	2.5000		
20%	4		4.2500	
30%	4			6.2500
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

jam2

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
10%	4	4.2500		
20%	4		6.2500	
30%	4			9.7500
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

jam3

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05	
		1	2
10%	4	6.2500	
20%	4	6.2500	
30%	4		13.0000
Sig.		1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

jam4

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05	
		1	2
10%	4	10.0000	
20%	4	12.2500	12.2500
30%	4		16.7500
Sig.		.473	.087

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

jam5

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05
		1
10%	4	14.0000
20%	4	16.7500
30%	4	19.2500
Sig.		.071

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

jam6

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05	
		1	2
10%	4	17.7500	
20%	4	20.2500	20.2500
30%	4		22.2500
Sig.		.134	.249

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

jam24

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05	
		1	2
10%	4	23.2500	
20%	4		25.0000
30%	4		25.0000
Sig.		1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 9. Hasil Uji Post Hoc Tukey Potens ekstrak daun Sirih untuk Perlakuan tiap Waktu Pengamatan

Waktu	(I) Kosentrasi	(J) Kosentrasi	Mean Difference (I-J)	Sig.	Keterangan
Jam Ke 1	10%	20%	-1.75000*	.041	Berbeda Nyata
		30%	-3.75000*	.000	Berbeda Nyata
	20%	10%	1.75000*	.041	Berbeda Nyata
		30%	-2.00000*	.022	Berbeda Nyata
	30%	10%	3.75000*	.000	Berbeda Nyata
		20%	2.00000*	.022	Berbeda Nyata
Jam Ke 2	10%	20%	-2.00000*	.039	Berbeda Nyata
		30%	-5.50000*	.000	Berbeda Nyata
	20%	10%	2.00000*	.039	Berbeda Nyata
		30%	-3.50000*	.002	Berbeda Nyata
	30%	10%	5.50000*	.000	Berbeda Nyata
		20%	3.50000*	.002	Berbeda Nyata
Jam Ke 3	10%	20%	0.00000	1.000	Tidak Berbeda Nyata
		30%	-6.75000*	.000	Berbeda Nyata
	20%	10%	0.00000	1.000	Tidak Berbeda Nyata
		30%	-6.75000*	.000	Berbeda Nyata
	30%	10%	6.75000*	.000	Berbeda Nyata
		20%	6.75000*	.000	Berbeda Nyata
Jam Ke 4	10%	20%	-2.25000	.473	Tidak Berbeda Nyata
		30%	-6.75000*	.013	Berbeda Nyata
	20%	10%	2.25000	.473	Tidak Berbeda Nyata
		30%	-4.50000	.087	Tidak Berbeda Nyata
	30%	10%	6.75000*	.013	Berbeda Nyata
		20%	4.50000	.087	Tidak Berbeda

					Nyata
Jam Ke 5	10%	20%	-2.75000	.409	Tidak Berbeda Nyata
		30%	-5.25000	.071	Tidak Berbeda Nyata
	20%	10%	2.75000	.409	Tidak Berbeda Nyata
		30%	-2.50000	.471	Tidak Berbeda Nyata
	30%	10%	5.25000	.071	Tidak Berbeda Nyata
		20%	2.50000	.471	Tidak Berbeda Nyata
Jam Ke 6	10%	20%	-2.50000	.134	Tidak Berbeda Nyata
		30%	-4.50000*	.009	Berbeda Nyata
	20%	10%	2.50000	.134	Tidak Berbeda Nyata
		30%	-2.00000	.249	Tidak Berbeda Nyata
	30%	10%	4.50000*	.009	Berbeda Nyata
		20%	2.00000	.249	Tidak Berbeda Nyata
Jam Ke 24	10%	20%	-1.75000*	.004	Berbeda Nyata
		30%	-1.75000*	.004	Berbeda Nyata
	20%	10%	1.75000*	.004	Berbeda Nyata
		30%	0.00000	1.000	Tidak Berbeda Nyata
	30%	10%	1.75000*	.004	Berbeda Nyata
		20%	0.00000	1.000	Tidak Berbeda Nyata

Lampiran 10. Uji Korelasi Pearson

Correlations

Correlations

		Potensi Insektisida	Konsentrasi Ekstrak Ethanol
Potensi Insektisida	Pearson Correlation	1	,662**
	Sig. (2-tailed)		,000
	N	28	28
Konsentrasi Ekstrak Ethanol	Pearson Correlation	,662**	1
	Sig. (2-tailed)	,000	
	N	28	28

**. Correlation is significant at the 0.01 level (2-tailed).

Correlations

Correlations

		Potensi Insektisida	Waktu
Potensi Insektisida	Pearson Correlation	1	,767**
	Sig. (2-tailed)		,000
	N	21	21
Waktu	Pearson Correlation	,767**	1
	Sig. (2-tailed)	,000	
	N	21	21

**. Correlation is significant at the 0.01 level (2-tailed).

Lampiran 11. Uji Regresi

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Waktu, Konsentrasi Ekstrak Ethanol[b]	.	Enter

a. Dependent Variable: Rata-rata Nyamuk yang Mati

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,817[a]	,668	,631	4,42406

a. Predictors: (Constant), Waktu, Konsentrasi Ekstrak Ethanol

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	707,384	2	353,692	18,071	,000[b]
	Residual	352,301	18	19,572		
	Total	1059,685	20			

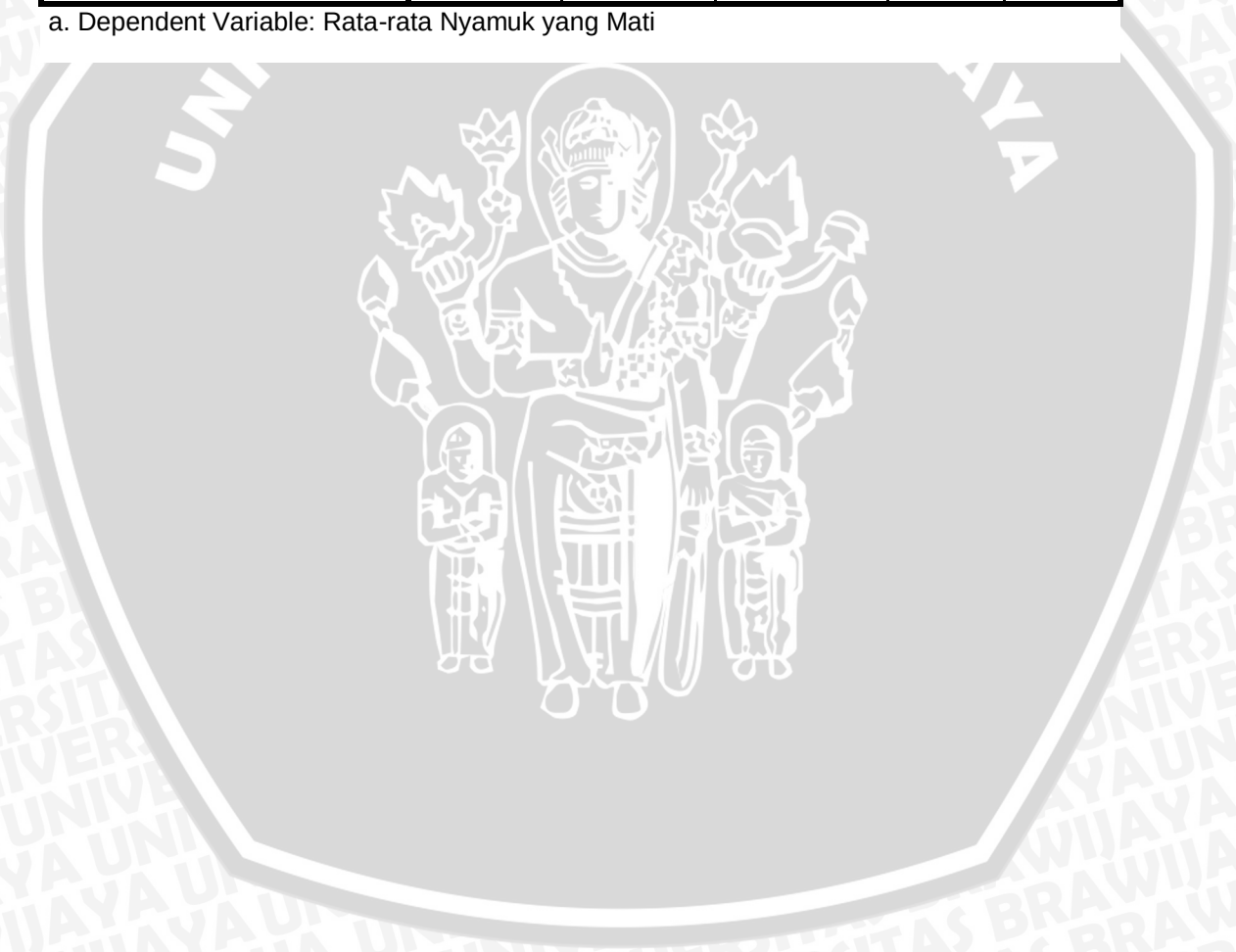
a. Dependent Variable: Rata-rata Nyamuk yang Mati

b. Predictors: (Constant), Waktu, Konsentrasi Ekstrak Ethanol

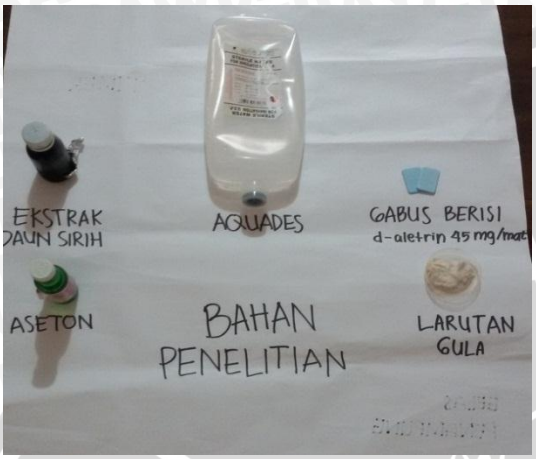
Coefficients[a]

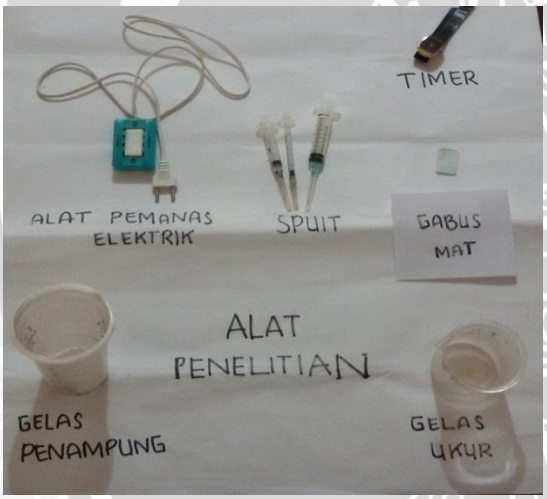
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	3,826	2,690		1,422	,172
	Konsentrasi Ekstrak Ethanol	,245	,118	,281	2,069	,053
	Waktu	,742	,131	,767	5,645	,000

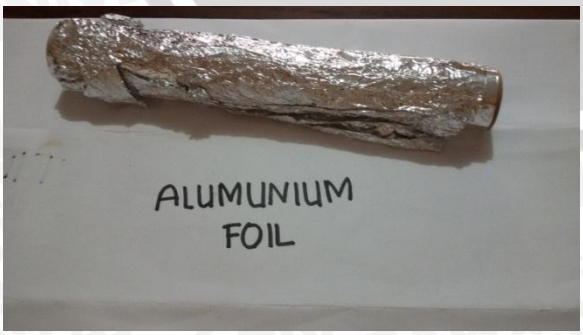
a. Dependent Variable: Rata-rata Nyamuk yang Mati



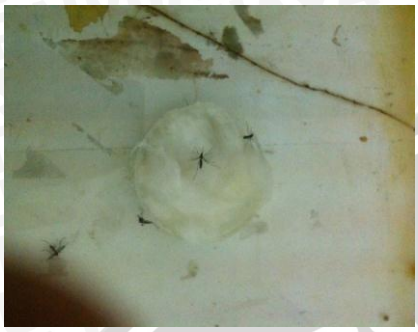
Lampiran 12. Bahan dan Alat Penelitian



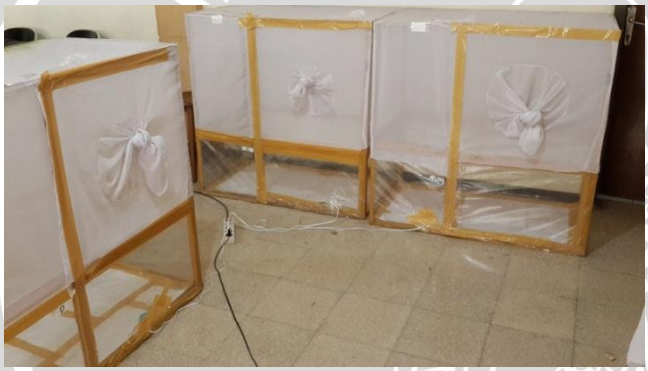




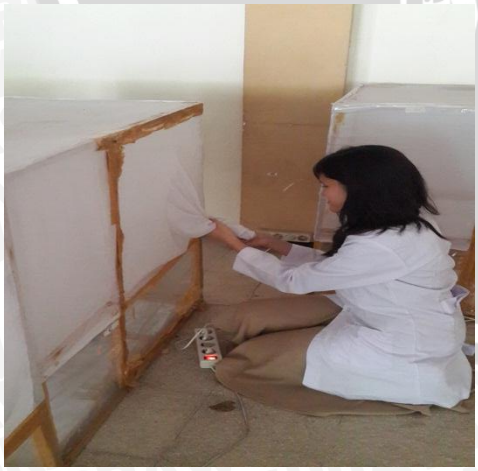
Lampiran 13. Nutrisi Nyamuk *Culex sp*



Lampiran 14. Kandang Nyamuk



Lampiran 15. Saat Penelitian



PERNYATAAN KEASLIAN TULISAN

Saya yang bertanda tangan di bawah ini :

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Menyatakan dengan sebenar-benarnya bahwa Tugas Akhir yang saya tulis ini adalah hasil karya saya sendiri, bukan merupakan pengambilalihan tulisan atau pikiran orang lain yang saya akui sebagai tulisan atau pikiran saya sendiri. Apabila di kemudian hari dapat dibuktikan bahwa Tugas Akhir ini adalah hasil jiplakan, maka saya bersedia menerima sanksi atas perbuatan tersebut.

Malang, 4 Februari 2015

Yang membuat pernyataan,

Mia Intan Annisa

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