

LAMPIRAN

Lampiran 1

**Tabel pengumpulan data primer
Penelitian selama 24 jam**

No.	Variasi	Jumlah Sampel	Jumlah Larva <i>Culex Sp</i> yang mati						Jumlah mortalitas	Rata - rata	%
			1	2	3	4	5	6			
1.	Kontrol 0%	150	0	0	0	3	1	1	5	0,8	3,3%
2.	4%	150	19	17	20	15	9	13	93	16	62%
3.	6%	150	23	22	18	17	19	19	118	20	79%
4.	8%	150	20	22	20	22	24	19	127	21	85%

Keterangan :

% : presentasi kematian larva nyamuk *Culex sp*

Nb : jumlah larva yang digunakan sebesar 25 larva berdasarkan WHO

Lampiran 2

Perbandingan Media Aquades dengan Ekstrak kulit pisang raja (*Musa Paradisiaca* var. *Raja*) Dengan Variasi Dosis 4%, 6% dan 8%

1. Dosis 4%

$$\begin{aligned} V1.N1 &= V2.N2 \\ 200.4 &= x.100 \\ 800 &= x.100 \\ x &= 800/100 \\ x &= 8 \text{ ml} \end{aligned}$$

Jadi dosis 4% = 8 ml ekstrak kulit pisang raja (*Musa Paradisiaca* var. *Raja*) kemudian dilarutkan pada media aquades 192 ml (200 - 8)

2. Dosis 6%

$$\begin{aligned} V1.N1 &= V2.N2 \\ 200.4 &= x.100 \\ 800 &= x.100 \\ x &= 1200/100 \\ x &= 12 \text{ ml} \end{aligned}$$

Jadi dosis 6% = 12 ml ekstrak kulit pisang raja (*Musa Paradisiaca* var. *Raja*) kemudian dilarutkan pada media aquades 188 ml (200 - 12)

3. Dosis 8%

$$\begin{aligned} V1.N1 &= V2.N2 \\ 200.4 &= x.100 \\ 800 &= x.100 \\ x &= 1600/100 \\ x &= 16 \text{ ml} \end{aligned}$$

Jadi dosis 8% = 16 ml ekstrak kulit pisang raja (*Musa Paradisiaca* var. *Raja*) kemudian dilarutkan pada media air bersih 184 ml (200 - 16)

Lampiran 3

Lembar hasil uji mortalitas larva nyamuk *Culex sp* selama 24 jam oleh Balai Besar Penelitian dan Pengembangan Vektor dan Reservoir Penyakit Salatiga

Dosis	Jml Hewan Uji	Mortalitas Hewan Uji																	
		1 jam			2 jam			3 jam			4 jam			5 jam			6 jam		
		Jml	\bar{x}	%	Jml	\bar{x}	%	Jml	\bar{x}	%	Jml	\bar{x}	%	Jml	\bar{x}	%	Jml	\bar{x}	%
4%	25	4	0.7	2.7	6	1	4	6	1	4	7	1.5	6	10	1.7	6.7	11	1.8	7.3
6%	25	13	2.2	8.7	14	2.3	9.3	16	2.8	11	16	2.8	11	16	2.8	11	20	3.3	13
8%	25	18	3.3	13	26	4.3	17	26	4.3	17	28	4.7	19	31	5.2	21	33	5.5	22
Dosis	Jml Hewan Uji	19 jam			20 jam			21 jam			22 jam			23 jam			24 jam		
		Jml	\bar{x}	%	Jml	\bar{x}	%	Jml	\bar{x}	%	Jml	\bar{x}	%	Jml	\bar{x}	%	Jml	\bar{x}	%
4%	25	57	9.5	38	63	11	42	73	12	49	84	14	55	91	15	58	93	16	62
6%	25	75	13	50	84	14	56	92	15	61	102	17	68	112	19	75	118	20	79
8%	25	90	15	60	100	17	67	114	19	76	117	20	78	125	21	85	127	21	85

Lampiran 4

Hasil Uji Statistik

Hasil Uji Homogenitas

Test of Homogeneity of Variances

Jc

Levene Statistic	df1	df2	Sig.
2.099	2	15	.157

Hasil Uji Anova

ANOVA

Jc

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	103.444	2	51.722	6.077	.012
Within Groups	127.667	15	8.511		
Total	231.111	17			

Multiple Comparisons

Jc

LSD

(I) Dosis	(J) Dosis	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
4	6	-4.167*	1.684	.026	-7.76	-.58
	8	-5.667*	1.684	.004	-9.26	-2.08
6	4	4.167*	1.684	.026	.58	7.76
	8	-1.500	1.684	.387	-5.09	2.09
8	4	5.667*	1.684	.004	2.08	9.26
	6	1.500	1.684	.387	-2.09	5.09

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

Lampiran 5

Hasil olah data statistik uji probit LC₅₀

	Probabil ity	95% Confidence Limits for dosis		
		Estimate	Lower Bound	Upper Bound
PROBIT	0.01	.344	.018	.889
	0.02	.443	.030	1.051
	0.03	.520	.042	1.169
	0.04	.586	.054	1.267
	0.05	.646	.066	1.352
	0.06	.703	.079	1.429
	0.07	.756	.091	1.501
	0.08	.807	.105	1.568
	0.09	.857	.118	1.631
	0.1	.905	.132	1.692
	0.15	1.136	.211	1.969
	0.2	1.361	.305	2.222
	0.25	1.589	.419	2.466
	0.3	1.826	.556	2.708
	0.35	2.077	.723	2.956
	0.4	2.348	.928	3.214
	0.45	2.643	1.179	3.488
	0.5	2.969	1.492	3.785
	0.55	3.336	1.883	4.116
	0.6	3.755	2.377	4.497
	0.65	4.243	3.004	4.961
	0.7	4.827	3.786	5.588
	0.75	5.547	4.686	6.590
	0.8	6.477	5.595	8.410
	0.85	7.758	6.543	11.746

0.9	9.737	7.754	18.381
0.91	10.286	8.063	20.519
0.92	10.918	8.409	23.135
0.93	11.658	8.803	26.410
0.94	12.543	9.260	30.633
0.95	13.635	9.807	36.294
0.96	15.040	10.485	44.316
0.97	16.968	11.379	56.675
0.98	19.917	12.678	78.644
0.99	25.642	15.020	131.921

a. Logarithm base = 10.

Lampiran 6

Hasil olah data statistik uji probit LT₅₀

	Probabil ity	95% Confidence Limits for 1-24		
		Estimate	Lower Bound	Upper Bound
PROBIT ^a	0.01	1.015	.673	1.362
	0.02	1.343	.942	1.732
	0.03	1.604	1.165	2.019
	0.04	1.833	1.367	2.266
	0.05	2.043	1.557	2.489
	0.06	2.241	1.739	2.697
	0.07	2.431	1.915	2.895
	0.08	2.614	2.088	3.084
	0.09	2.792	2.258	3.268
	0.1	2.967	2.426	3.447
	0.15	3.817	3.260	4.311
	0.2	4.662	4.103	5.174
	0.25	5.535	4.970	6.085
	0.3	6.457	5.864	7.087
	0.35	7.448	6.788	8.219
	0.4	8.529	7.751	9.518
	0.45	9.724	8.774	11.019
	0.5	11.063	9.879	12.769
	0.55	12.587	11.098	14.830
	0.6	14.350	12.472	17.294
	0.65	16.433	14.054	20.295
	0.7	18.956	15.923	24.045
	0.75	22.114	18.208	28.894

0.8	26.254	21.126	35.476
0.85	32.069	25.107	45.091
0.9	41.247	31.179	61.012
0.91	43.832	32.851	65.639
0.92	46.825	34.768	71.068
0.93	50.351	37.004	77.558
0.94	54.605	39.671	85.514
0.95	59.897	42.946	95.591
0.96	66.773	47.138	108.964
0.97	76.317	52.854	128.002
0.98	91.149	61.533	158.569
0.99	120.592	78.183	222.268

a. A heterogeneity factor is used.

b. Logarithm base = 10.

Lampiran 7

DOKUMENTASI



Gambar 1. Kulit pisang raja



Gambar 2. Proses Ekstraksi



Gambar 3. Alat dan bahan yang digunakan



Gambar 4. Larva Nyamuk *Culex sp*



Gambar 5. Media uji Aquades



Gambar 6. Persiapan penelitian



Gambar 7. Pengadukan ekstrak kedalam media Aquades



Gambar 8. Proses penghitungan jumlah mortalitas larva



Gambar 9. Mortalitas pada larva *Culex Sp*