

Lampiran 1

Nomor : 019/LAB/VI/2014
Jenis bahan : Serbuk Biji Pepaya
Dikirim oleh : Vina Ariyanti N.P
NIM : 20110662080
Alamat : Prodi D3 Analis Kesehatan FIK UMSurabaya
Judul : Pengaruh Perbedaan Konsentrasi Seduhan Biji Pepaya
(*Carica Papaya L*) Terhadap Pertumbuhan Larva Nyamuk
Aedes aegypti
Diterima : 27 Mei 2014

HASIL PEMERIKSAAN

Konsentrasi	Jumlah larva yang mati pada pengulangan 1	Jumlah larva yang mati pada pengulangan 2	Jumlah larva yang mati pada pengulangan 3	jumlah	Rata-rata
Kontrol	0 ekor	0 ekor	0 ekor	0 ekor	0
10%	7 ekor	9 ekor	5 ekor	21 ekor	7
20%	13 ekor	11 ekor	13 ekor	37 ekor	12,3
30%	13 ekor	13 ekor	16 ekor	42 ekor	14
40%	16 ekor	18 ekor	17 ekor	51 ekor	17
50%	20 ekor	20 ekor	20 ekor	60 ekor	20
60%	20 ekor	20 ekor	20 ekor	60 ekor	20
70%	20 ekor	20 ekor	20 ekor	60 ekor	20
80%	20 ekor	20 ekor	20 ekor	60 ekor	20
90%	20 ekor	20 ekor	20 ekor	60 ekor	20
100%	20 ekor	20 ekor	20 ekor	60 ekor	20

Surabaya, 30 Juni 2014

Mengetahui,

Kepala Laboraturium



Siswanto Agung Wijaya, S.Kep.Ns

Pemeriksa



Vina Ariyanti N.P

GAMBAR PENELITIAN



“Biji Pepaya yang sudah di haluskan”



“Penimbangan serbuk biji pepaya”



“Larva Nyamuk Aedes aegypti”



“Setelah Pemberian Serbuk Biji Pepaya dan Larva Nyamuk”

ANOVA

Pertumbuhan Larva

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	578.303	10	57.830	68.157	.000
Within Groups	18.667	22	.848		
Total	596.970	32			

Multiple Comparisons

Dependent Variable: Pertumbuhan Larva

	(I) Konsen trasi seduhan biji Pepaya	(J) Konsen trasi seduhan biji Pepaya	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Tukey HSD	10%	20%	-5.333*	.752	.000	-8.02	-2.64
		30%	-7.000*	.752	.000	-9.69	-4.31
		40%	-10.000*	.752	.000	-12.69	-7.31
		50%	-13.000*	.752	.000	-15.69	-10.31
		60%	-13.000*	.752	.000	-15.69	-10.31
		70%	-13.000*	.752	.000	-15.69	-10.31
		80%	-13.000*	.752	.000	-15.69	-10.31
		90%	-13.000*	.752	.000	-15.69	-10.31
		100%	-13.000*	.752	.000	-15.69	-10.31
		0%	-13.000*	.752	.000	-15.69	-10.31
	20%	10%	5.333*	.752	.000	2.64	8.02
		30%	-1.667	.752	.517	-4.36	1.02
		40%	-4.667*	.752	.000	-7.36	-1.98
		50%	-7.667*	.752	.000	-10.36	-4.98
		60%	-7.667*	.752	.000	-10.36	-4.98
		70%	-7.667*	.752	.000	-10.36	-4.98
		80%	-7.667*	.752	.000	-10.36	-4.98

	90%	-7.667*	.752	.000	-10.36	-4.98
	100%	-7.667*	.752	.000	-10.36	-4.98
	0%	-7.667*	.752	.000	-10.36	-4.98
30%	10%	7.000*	.752	.000	4.31	9.69
	20%	1.667	.752	.517	-1.02	4.36
	40%	-3.000*	.752	.020	-5.69	-.31
	50%	-6.000*	.752	.000	-8.69	-3.31
	60%	-6.000*	.752	.000	-8.69	-3.31
	70%	-6.000*	.752	.000	-8.69	-3.31
	80%	-6.000*	.752	.000	-8.69	-3.31
	90%	-6.000*	.752	.000	-8.69	-3.31
	100%	-6.000*	.752	.000	-8.69	-3.31
	0%	-6.000*	.752	.000	-8.69	-3.31
40%	10%	10.000*	.752	.000	7.31	12.69
	20%	4.667*	.752	.000	1.98	7.36
	30%	3.000*	.752	.020	.31	5.69
	50%	-3.000*	.752	.020	-5.69	-.31
	60%	-3.000*	.752	.020	-5.69	-.31
	70%	-3.000*	.752	.020	-5.69	-.31
	80%	-3.000*	.752	.020	-5.69	-.31
	90%	-3.000*	.752	.020	-5.69	-.31
	100%	-3.000*	.752	.020	-5.69	-.31

	0%	-3.000*	.752	.020	-5.69	-3.31
50%	10%	13.000*	.752	.000	10.31	15.69
	20%	7.667*	.752	.000	4.98	10.36
	30%	6.000*	.752	.000	3.31	8.69
	40%	3.000*	.752	.020	.31	5.69
	60%	.000	.752	1.000	-2.69	2.69
	70%	.000	.752	1.000	-2.69	2.69
	80%	.000	.752	1.000	-2.69	2.69
	90%	.000	.752	1.000	-2.69	2.69
	100%	.000	.752	1.000	-2.69	2.69
	0%	.000	.752	1.000	-2.69	2.69
60%	10%	13.000*	.752	.000	10.31	15.69
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	100%	.000	.752	1.000	-2.69	2.69
	0%	.000	.752	1.000	-2.69	2.69
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	40%	3.000*	.752	.020	.31	5.69
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	70%	.000	.752	1.000	-2.69	2.69
	80%	.000	.752	1.000	-2.69	2.69
	90%	.000	.752	1.000	-2.69	2.69
	0%	.000	.752	1.000	-2.69	2.69
0%	10%	13.000*	.752	.000	10.31	15.69
	20%	7.667*	.752	.000	4.98	10.36
	30%	6.000*	.752	.000	3.31	8.69
	40%	3.000*	.752	.020	.31	5.69
	50%	.000	.752	1.000	-2.69	2.69

		60%	.000	.752	1.000	-2.69	2.69
		70%	.000	.752	1.000	-2.69	2.69
		80%	.000	.752	1.000	-2.69	2.69
		90%	.000	.752	1.000	-2.69	2.69
		100%	.000	.752	1.000	-2.69	2.69
Dunnett T3	10%	20%	-5.333	1.333	.244	-14.97	4.30
		30%	-7.000	1.528	.140	-16.62	2.62
		40%	-10.000*	1.291	.049	-19.96	-.04
		50%	-13.000	1.155	.051	-26.13	.13
		60%	-13.000	1.155	.051	-26.13	.13
		70%	-13.000	1.155	.051	-26.13	.13
		80%	-13.000	1.155	.051	-26.13	.13
		90%	-13.000	1.155	.051	-26.13	.13
		100%	-13.000	1.155	.051	-26.13	.13
		0%	-13.000	1.155	.051	-26.13	.13
	20%	10%	5.333	1.333	.244	-4.30	14.97
		30%	-1.667	1.202	.970	-9.84	6.50
		40%	-4.667	.882	.089	-10.22	.89
		50%	-7.667*	.667	.049	-15.24	-.09
		60%	-7.667*	.667	.049	-15.24	-.09
		70%	-7.667*	.667	.049	-15.24	-.09
		80%	-7.667*	.667	.049	-15.24	-.09
		90%	-7.667*	.667	.049	-15.24	-.09

	100%	-7.667*	.667	.049	-15.24	-.09
	0%	-7.667*	.667	.049	-15.24	-.09
30%	10%	7.000	1.528	.140	-2.62	16.62
	20%	1.667	1.202	.970	-6.50	9.84
	40%	-3.000	1.155	.573	-11.34	5.34
	50%	-6.000	1.000	.167	-17.37	5.37
	60%	-6.000	1.000	.167	-17.37	5.37
	70%	-6.000	1.000	.167	-17.37	5.37
	80%	-6.000	1.000	.167	-17.37	5.37
	90%	-6.000	1.000	.167	-17.37	5.37
	100%	-6.000	1.000	.167	-17.37	5.37
	0%	-6.000	1.000	.167	-17.37	5.37
40%	10%	10.000*	1.291	.049	.04	19.96
	20%	4.667	.882	.089	-.89	10.22
	30%	3.000	1.155	.573	-5.34	11.34
	50%	-3.000	.577	.216	-9.56	3.56
	60%	-3.000	.577	.216	-9.56	3.56
	70%	-3.000	.577	.216	-9.56	3.56
	80%	-3.000	.577	.216	-9.56	3.56
	90%	-3.000	.577	.216	-9.56	3.56
	100%	-3.000	.577	.216	-9.56	3.56
	0%	-3.000	.577	.216	-9.56	3.56
50%	10%	13.000	1.155	.051	-.13	26.13

	20%	7.667*	.667	.049	.09	15.24
	30%	6.000	1.000	.167	-5.37	17.37
	40%	3.000	.577	.216	-3.56	9.56
	60%	.000	.000	.	.00	.00
	70%	.000	.000	.	.00	.00
	80%	.000	.000	.	.00	.00
	90%	.000	.000	.	.00	.00
	100%	.000	.000	.	.00	.00
	0%	.000	.000	.	.00	.00
60%	10%	13.000	1.155	.051	-.13	26.13
	20%	7.667*	.667	.049	.09	15.24
	30%	6.000	1.000	.167	-5.37	17.37
	40%	3.000	.577	.216	-3.56	9.56
	50%	.000	.000	.	.00	.00
	70%	.000	.000	.	.00	.00
	80%	.000	.000	.	.00	.00
	90%	.000	.000	.	.00	.00
	100%	.000	.000	.	.00	.00
	0%	.000	.000	.	.00	.00
70%	10%	13.000	1.155	.051	-.13	26.13
	20%	7.667*	.667	.049	.09	15.24
	30%	6.000	1.000	.167	-5.37	17.37
	40%	3.000	.577	.216	-3.56	9.56

	50%	.000	.000	.	.00	.00
	60%	.000	.000	.	.00	.00
	80%	.000	.000	.	.00	.00
	90%	.000	.000	.	.00	.00
	100%	.000	.000	.	.00	.00
	0%	.000	.000	.	.00	.00
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	50%	.000	.000	.	.00	.00
	60%	.000	.000	.	.00	.00
	70%	.000	.000	.	.00	.00
	90%	.000	.000	.	.00	.00
	100%	.000	.000	.	.00	.00
	0%	.000	.000	.	.00	.00
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	50%	.000	.000	.	.00	.00
	60%	.000	.000	.	.00	.00
	70%	.000	.000	.	.00	.00

	80%	.000	.000	.	.00	.00
	100%	.000	.000	.	.00	.00
	0%	.000	.000	.	.00	.00
100%	10%	13.000	1.155	.051	-.13	26.13
	20%	7.667*	.667	.049	.09	15.24
	30%	6.000	1.000	.167	-5.37	17.37
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	50%	.000	.000	.	.00	.00
	60%	.000	.000	.	.00	.00
	70%	.000	.000	.	.00	.00
	80%	.000	.000	.	.00	.00
	90%	.000	.000	.	.00	.00
	0%	.000	.000	.	.00	.00
0%	10%	13.000	1.155	.051	-.13	26.13
	20%	7.667*	.667	.049	.09	15.24
	30%	6.000	1.000	.167	-5.37	17.37
	40%	3.000	.577	.216	-3.56	9.56
	50%	.000	.000	.	.00	.00
	60%	.000	.000	.	.00	.00
	70%	.000	.000	.	.00	.00
	80%	.000	.000	.	.00	.00
	90%	.000	.000	.	.00	.00
	100%	.000	.000	.	.00	.00

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