

LAMPIRAN

Lampiran 1: Perhitungan Dosis

Perhitungan dosis infusa kulit jengkol (IKJ)

Penelitian yang dilakukan menggunakan variabel dosis IKJ 7.5%, 15%, 30%, dan 60%. Pembuatan dosis IKJ 60% dibuat dengan prosedur Farmakope Indonesia ed IV tahun 1995 sebagai berikut :

Untuk membuat 400 ml IKJ 60% adalah sebagai berikut :

$$\text{IKJ 60\% yang dibutuhkan} = \frac{60}{100} \times 400 \text{ ml} = 240 \text{ ml}$$

kemudian + akuades hingga 400 ml

Untuk dosis 40%, 20% dan 10% dihitung dengan menggunakan cara yang sama.

Perhitungan dosis *temephos*

Dosis *temephos* 1 ppm yang digunakan dalam penelitian adalah 0,1 mg *temephos* didalam 100 ml air, didapat dari :

$$1 \text{ ppm} = 1 \text{ mg } \textit{temephos} \text{ didalam } 1.000 \text{ ml air.}$$

$$\text{Berarti didalam } 100 \text{ ml dilarutkan } 0,1 \text{ mg } \textit{temephos}$$

$$= 0,1 \text{ mg } \textit{temephos} \text{ didalam } 100 \text{ ml air}$$

$$= 0.0001 \text{ g } \textit{temephos} \text{ didalam } 1 \text{ L air.}$$

$$= 0.0001\%$$

Lampiran 2 : Oneway

Descriptives

% larva mati								
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
IKJ 60%	4	95.8333	3.19142	1.59571	90.7551	100.9116	93.33	100.00
IKJ 30 %	4	80.8333	8.33333	4.16667	67.5731	94.0935	70.00	90.00
IKJ 15 %	4	30.0000	13.87777	6.93889	7.9174	52.0826	13.33	46.67
IKJ 7,5 %	4	2.5000	3.19142	1.59571	-2.5783	7.5783	.00	6.67
Kontrol	4	.0000	.00000	.00000	.0000	.0000	.00	.00
Pembanding	4	99.1667	1.66667	.83333	96.5146	101.8187	96.67	100.00
Total	24	51.3889	43.39368	8.85770	33.0653	69.7124	.00	100.00

Test of Homogeneity of Variances

% larva mati			
Levene Statistic	df1	df2	Sig.
3.655	5	18	.019

ANOVA

% larva mati					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	42453.704	5	8490.741	178.636	.000
Within Groups	855.556	18	47.531		
Total	43309.259	23			

Lampiran 3 : Post Hoc Tests

Multiple Comparisons

Dependent Variable: % larva mati

Tukey HSD

(I) Kelompok Perlaku	(J) Kelompok Perlaku	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
IKJ 60%	IKJ 30 %	15.00000	4.87498	.061	-.4929	30.4929
	IKJ 15 %	65.83333*	4.87498	.000	50.3405	81.3262
	IKJ 7,5 %	93.33333*	4.87498	.000	77.8405	108.8262
	Kontrol	95.83333*	4.87498	.000	80.3405	111.3262
	Pembanding	-3.33333	4.87498	.982	-18.8262	12.1595
IKJ 30 %	IKJ 60%	-15.00000	4.87498	.061	-30.4929	.4929
	IKJ 15 %	50.83333*	4.87498	.000	35.3405	66.3262
	IKJ 7,5 %	78.33333*	4.87498	.000	62.8405	93.8262
	Kontrol	80.83333*	4.87498	.000	65.3405	96.3262
	Pembanding	-18.33333*	4.87498	.015	-33.8262	-2.8405
IKJ 15 %	IKJ 60%	-65.83333*	4.87498	.000	-81.3262	-50.3405
	IKJ 30 %	-50.83333*	4.87498	.000	-66.3262	-35.3405
	IKJ 7,5 %	27.50000*	4.87498	.000	12.0071	42.9929
	Kontrol	30.00000*	4.87498	.000	14.5071	45.4929
	Pembanding	-69.16667*	4.87498	.000	-84.6595	-53.6738
IKJ 7,5 %	IKJ 60%	-93.33333*	4.87498	.000	-108.8262	-77.8405
	IKJ 30 %	-78.33333*	4.87498	.000	-93.8262	-62.8405
	IKJ 15 %	-27.50000*	4.87498	.000	-42.9929	-12.0071
	Kontrol	2.50000	4.87498	.995	-12.9929	17.9929
	Pembanding	-96.66667*	4.87498	.000	-112.1595	-81.1738
Kontrol	IKJ 60%	-95.83333*	4.87498	.000	-111.3262	-80.3405
	IKJ 30 %	-80.83333*	4.87498	.000	-96.3262	-65.3405
	IKJ 15 %	-30.00000*	4.87498	.000	-45.4929	-14.5071
	IKJ 7,5 %	-2.50000	4.87498	.995	-17.9929	12.9929
	Pembanding	-99.16667*	4.87498	.000	-114.6595	-83.6738
Pembanding	IKJ 60%	3.33333	4.87498	.982	-12.1595	18.8262
	IKJ 30 %	18.33333*	4.87498	.015	2.8405	33.8262
	IKJ 15 %	69.16667*	4.87498	.000	53.6738	84.6595
	IKJ 7,5 %	96.66667*	4.87498	.000	81.1738	112.1595
	Kontrol	99.16667*	4.87498	.000	83.6738	114.6595

*. The mean difference is significant at the .05 level.

Lampiran 4 : Homogeneous Subsets

% larva mati

Tukey HSD ^a					
Kelompok Perlakuan	N	Subset for alpha = .05			
		1	2	3	4
Kontrol	4	.0000			
IKJ 7,5 %	4	2.5000			
IKJ 15 %	4		30.0000		
IKJ 30 %	4			80.8333	
IKJ 60%	4			95.8333	95.8333
Pembanding	4				99.1667
Sig.		.995	1.000	.061	.982

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 5 : Probit Analysis

DATA Information

16 unweighted cases accepted.
 0 cases rejected because of missing data.
 0 cases are in the control group.

MODEL Information

ONLY Normal Sigmoid is requested.

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Parameter estimates converged after 14 iterations.
Optimal solution found.

Parameter Estimates (PROBIT model: (PROBIT(p)) = Intercept + BX):

      Regression Coeff.   Standard Error   Coeff./S.E.
dosisIKJ             .06603             .00515      12.82418

      Intercept   Standard Error   Intercept/S.E.
      -1.95348           .14644      -13.33967

Pearson   Goodness-of-Fit   Chi Square =    28.998    DF = 14    P =
.010

Since Goodness-of-Fit Chi square is significant, a heterogeneity
factor is used in the calculation of confidence limits.
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Observed and Expected Frequencies

Prob	dosisIKJ	Number of Subjects	Observed Responses	Expected Responses	Residual
.07238	7.50	30.0	.0	2.171	-2.171
.07238	7.50	30.0	.0	2.171	-2.171
.07238	7.50	30.0	1.0	2.171	-1.171
.07238	7.50	30.0	.0	2.171	-2.171
.16776	15.00	30.0	5.0	5.033	-.033
.16776	15.00	30.0	8.0	5.033	2.967
.16776	15.00	30.0	10.0	5.033	4.967
.16776	15.00	30.0	4.0	5.033	-1.033
.51092	30.00	30.0	21.0	15.327	5.673
.51092	30.00	30.0	18.0	15.327	2.673
.51092	30.00	30.0	12.0	15.327	-3.327
.51092	30.00	30.0	16.0	15.327	.673
.97769	60.00	30.0	28.0	29.331	-1.331
.97769	60.00	30.0	29.0	29.331	-.331
.97769	60.00	30.0	30.0	29.331	.669
.97769	60.00	30.0	28.0	29.331	-1.331

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Confidence Limits for Effective dosisIKJ

Prob	dosisIKJ	95% Confidence Limits	
		Lower	Upper
.01	-5.64711	-15.99369	.99410
.02	-1.51858	-10.66855	4.43382
.03	1.10084	-7.30661	6.63290
.04	3.07132	-4.78863	8.29825
.05	4.67416	-2.74897	9.66142
.06	6.03843	-1.02000	10.82878
.07	7.23462	.48980	11.85850
.08	8.30567	1.83609	12.78605
.09	9.27975	3.05539	13.63472
.10	10.17639	4.17299	14.42068
.15	13.88872	8.74064	17.73429
.20	16.83916	12.28152	20.45719
.25	19.37038	15.23472	22.87776
.30	21.64349	17.80508	25.13321
.35	23.74986	20.10848	27.30164
.40	25.74860	22.22033	29.43311
.45	27.68241	24.19559	31.56333
.50	29.58556	26.07820	33.72110
.55	31.48871	27.90624	35.93343
.60	33.42252	29.71545	38.22969
.65	35.42126	31.54254	40.64593
.70	37.52763	33.42944	43.23086
.75	39.80074	35.43014	46.05597
.80	42.33196	37.62398	49.23589
.85	45.28240	40.14662	52.97703
.90	48.99473	43.28179	57.72312
.91	49.89137	44.03396	58.87452
.92	50.86545	44.84921	60.12723
.93	51.93650	45.74356	61.50672
.94	53.13269	46.74008	63.04972
.95	54.49696	47.87392	64.81222
.96	56.09980	49.20275	66.88621
.97	58.07028	50.83212	69.44018
.98	60.68970	52.99188	72.84143
.99	64.81823	56.38429	78.21388

