

LAMPIRAN

Lampiran 1. Rerata kematian larva *C. binotalis* pada berbagai tingkatan konsentrasi ekstrak dengan tiga kali ulangan tiap perlakuan

perlakuan (mg/L)	tingkat kematian larva <i>C. binotalis</i> (%)				
	pada ulangan ke			TOTAL	RERATA
	1	2	3		
Kontrol	0	0	0	0	0
250	40	60	20	120	40
500	90	40	30	160	53.3
750	40	60	40	140	46.67
1000	40	80	50	170	56.67
1250	70	80	70	220	73.33
1500	90	80	80	250	83.33

Sumber : data primer

Lampiran 2. Nilai konsentrasi ekstrak daun dan ranting *A. odorata* pada masing-masing tingkatan LC

PROBIT ANALYSIS
Confidence Limits for Effective VAR00001

Prob	VAR00001	95% Confidence Limits	
		Lower	Upper
,01	7,67835	,02138	40,46730
,02	12,49965	,06501	55,42034
,03	17,02826	,13157	67,68109
,04	21,48712	,22357	78,67964
,05	25,96213	,34406	88,94739
,06	30,49812	,49649	98,75049
,07	35,12291	,68473	108,24498
,08	39,85593	,91299	117,53204
,09	44,71205	1,18592	126,68218
,10	49,70347	1,50858	135,74734
,15	77,03393	4,08033	180,96389
,20	109,12464	8,97761	227,93042
,25	147,12074	17,61342	278,54533
,30	192,39527	32,15521	334,61019
,35	246,69934	55,91030	398,41272
,40	312,33768	93,84805	473,46248
,45	392,42089	153,10480	566,06336
,50	491,25640	242,61023	689,42597
,55	614,98473	368,95071	874,92596
,60	772,66648	526,13399	1196,70279
,65	978,24685	697,44137	1800,78052
,70	1254,35960	880,72287	2952,32187
,75	1640,37276	1092,23932	5220,78827
,80	2211,53411	1359,73143	10054,88500
,85	3132,81238	1732,68463	21866,86130
,90	4855,45325	2328,17284	58678,35112
,91	5397,49043	2498,01535	74546,50604
,92	6055,12989	2695,80801	96712,19134
,93	6871,09440	2930,53672	128801,32702
,94	7913,03984	3215,92079	177433,61315
,95	9295,57399	3574,26377	255767,51184
,96	11231,51447	4045,06241	393180,54696
,97	14172,49101	4707,50892	667378,43517
,98	19307,16703	5755,49473	1349244,33829
,99	31430,29215	7892,48996	4096297,97836

Lampiran 3. Penghitungan nilai parasitasi parasitoid *E. argenteopilosus*

Nilai parasitasi masing-masing perlakuan :

$$P (\%) = \frac{\sum x}{\sum y} \times 100 \%$$

Keterangan: P = parasitasi

x = jumlah larva *C. binotalis* yang terparasiti

y = jumlah total larva *C. binotalis* yang diujikan

Perlakuan kontrol :

$$P0 (1) = \frac{2}{10} \times 100 \% = 20\%$$

$$P0 (2) = \frac{1}{10} \times 100\% = 10\%$$

$$P0 (3) = \frac{2}{10} \times 100 \% = 20\%$$

Perlakuan LC₅ :

$$P1 (1) = \frac{1}{10} \times 100\% = 10\%$$

$$P1 (2) = \frac{1}{10} \times 100\% = 10\%$$

$$P1 (3) = \frac{2}{10} \times 100 \% = 20\%$$

Perlakuan LC₂₅ :

$$P2 (1) = \frac{2}{10} \times 100 \% = 20\%$$

$$P2 (2) = \frac{2}{10} \times 100 \% = 20\%$$

$$P2 (3) = \frac{1}{10} \times 100\% = 10\%$$

NPar Tests

Chi-Square Test

Frequencies

PRLAKUAN

	Observed N	Expected N	Residual
KONTROL	5	4.5	.5
LC5	4	4.5	-.5
Total	9		

Test Statistics

	PRLAKUAN
Chi-Square ^a	.111
df	1
Asymp. Sig.	.739

a. 2 cells (100.0%) have expected frequencies less than 5. The minimum expected cell frequency is 4.5.

NPar Tests

Chi-Square Test

Frequencies

PRLAKUAN

	Observed N	Expected N	Residual
KONTROL	5	5.0	.0
LC25	5	5.0	.0
Total	10		

Test Statistics

	PRLAKUAN
Chi-Square ^a	.000
df	1
Asymp. Sig.	1.000

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 5.0.

Lampiran 4. Penghitungan nilai enkapsulasi parasitoid *E. argenteopilosus*

Nilai enkapsulasi masing-masing perlakuan :

$$E(\%) = \frac{\sum x}{\sum y} \times 100 \%$$

Keterangan: E = enkapsulasi

x = jumlah telur atau larva *E. argenteopilosus* yang terenkapsulasi

y = jumlah total larva *C. binotalis* yang diujikan

Perlakuan kontrol :

$$E0 = \frac{3}{30} \times 100 \% = 10\%$$

$$\text{Enkapsulasi telur} = \frac{2}{30} \times 100 \% = 6,67\%$$

$$\text{Enkapsulasi larva} = \frac{1}{30} \times 100 \% = 3,33\%$$

Perlakuan LC₅ :

$$E2 = \frac{3}{30} \times 100 \% = 10\%$$

$$\text{Enkapsulasi telur} = \frac{1}{30} \times 100 \% = 3,33\%$$

$$\text{Enkapsulasi larva} = \frac{2}{30} \times 100 \% = 6,67\%$$

Perlakuan LC₂₅ :

$$E3 = \frac{2}{30} \times 100 \% = 6,67\%$$

$$\text{Enkapsulasi telur} = \frac{1}{30} \times 100 \% = 3,33\%$$

$$\text{Enkapsulasi larva} = \frac{1}{30} \times 100 \% = 3,33\%$$