

Lampiran 01. Data Hasil Observasi Kematian Hama

Konsentrasi 0%	Hari 1	Hari 2	Hari 3	Hari 4	Hari 5	Hari 6	Hari 7	Total	Persentase	%
K0U1	0	0	0	0	1	1	1	3	0.3	30
K0U2	0	0	0	0	0	0	0	0	0.0	0
K0U3	0	0	0	1	0	1	1	3	0.3	30
K0U4	0	0	0	0	1	0	0	1	0.1	10
K0U5	0	0	1	1	1	2	2	7	0.7	70
K0U6	0	0	0	0	1	1	1	3	0,3	30
Konsentrasi 10%	Hari 1	Hari 2	Hari 3	Hari 4	Hari 5	Hari 6	Hari 7	Total	Persentase	%
K1U1	0	1	1	2	1	2	3	10	1.0	100
K1U2	0	0	1	1	3	2	3	10	1.0	100
K1U3	0	0	0	1	2	3	2	8	0.8	80
K1U4	0	0	1	1	2	3	3	10	1.0	100
K1U5	1	1	2	1	2	1	2	10	1.0	100
K1U6	0	1	1	1	2	1	4	10	1.0	100
Konsentrasi 20%	Hari 1	Hari 2	Hari 3	Hari 4	Hari 5	Hari 6	Hari 7	Total	Persentase	%
K2U1	1	1	1	2	1	1	3	10	1.0	100
K2U2	1	1	1	1	2	2	2	10	1.0	100
K2U3	1	1	2	1	1	1	3	10	1.0	100
K2U4	1	1	1	2	1	1	3	10	1.0	100
K2U5	1	2	1	2	2	1	1	10	1.0	100
K2U6	1	1	2	2	1	1	2	10	1.0	100
Konsentrasi 30%	Hari 1	Hari 2	Hari 3	Hari 4	Hari 5	Hari 6	Hari 7	Total	Persentase	%
K3U1	2	2	1	1	1	1	2	10	1.0	100
K3U2	2	1	1	1	1	2	2	10	1.0	100
K3U3	1	1	1	1	1	2	3	10	1.0	100
K3U4	2	1	1	1	1	2	2	10	1.0	100
K3U5	2	2	1	1	1	2	1	10	1.0	100
K3U6	2	2	2	1	1	1	1	10	1.0	100

Lampiran 02. Data Hasil Observasi Persentase Serangan Hama

Konsentrasi 0%	Hari 1	Hari 2	Hari 3	Hari 4	Hari 5	Hari 6	Hari 7
K0U1	0	0	0	2	2	2	3
K0U2	0	0	2	2	3	5	3
K0U3	0	2	1	2	3	8	5
K0U4	0	1	1	1	3	5	9
K0U5	0	3	2	2	5	3	10
K0U6	3	1	3	2	3	3	5
Konsentrasi 10%	Hari 1	Hari 2	Hari 3	Hari 4	Hari 5	Hari 6	Hari 7
K1U1	0	0	1	2	1	2	3
K1U2	0	0	0	1	3	2	3
K1U3	0	0	0	1	2	3	2
K1U4	0	0	0	1	1	1	3
K1U5	0	0	0	0	0	1	2
K1U6	0	0	0	0	0	1	3
Konsentrasi 20%	Hari 1	Hari 2	Hari 3	Hari 4	Hari 5	Hari 6	Hari 7
K2U1	0	0	0	0	1	1	3
K2U2	0	0	0	0	2	2	2
K2U3	0	0	0	0	1	1	3
K2U4	0	0	0	0	2	1	1
K2U5	0	0	0	1	0	1	0
K2U6	0	0	0	0	0	2	1
Konsentrasi 30%	Hari 1	Hari 2	Hari 3	Hari 4	Hari 5	Hari 6	Hari 7
K3U1	0	0	0	0	1	0	0
K3U2	0	0	0	0	1	0	0
K3U3	0	0	0	0	0	0	0
K3U4	0	0	0	1	0	0	0
K3U5	0	0	0	0	0	0	0
K3U6	0	0	0	0	0	0	0

Lampiran 03. Hasil Analisis Data

1. Hasil Uji Deskriptif

a. Kematian hama



Descriptives

konsentrasi ekstrak				Statistic	Standard Error
formalitas	Mean			1.1667	.47726
	95% Confidence Interval for Mean				
		Lower Bound		-.0602	
		Upper Bound		2.3935	
	5% Trimmed Mean			1.1296	
	Median			1.0000	
	Variance			1.367	
	Std. Deviation			1.16905	
	Minimum			.00	
	Maximum			3.00	
	Range			3.00	
	Interquartile Range			2.25	
	Skewness			.668	.845
	Kurtosis			-.446	1.741
	Mean			5.5000	1.43178
	95% Confidence Interval for Mean				
		Lower Bound		1.8195	
		Upper Bound		9.1805	
	5% Trimmed Mean			5.3889	
	Median			3.5000	
	Variance			12	

					.300	
					3.	
					50714	
					3.	
					00	
					10	
					.00	
					7.	
					00	
					7.	
					00	
					.9	.84
					18	5
					-	1.7
					1.890	41
					2.	.22
0					5000	361
	95%	Confidence	Lower Bound		1.	
	Interval for Mean				9252	
			Upper Bound		3.	
					0748	
					2.	
					5000	
					2.	
					5000	
					.3	
					00	
					.5	
					4772	
					2.	
					00	
					3.	
					00	
					1.	
					00	
					1.	
					00	
					.0	.84
					00	5
					-	1.7
					3.333	41

0	Mean		9.	.21
			3333	082
	95% Confidence Interval for Mean	Lower Bound	8.	
		Upper Bound	9.	
			8753	
	5% Trimmed Mean		9.	
			3148	
	Median		9.	
			0000	
	Variance		.2	
			67	
	Std. Deviation		.5	
			1640	
	Minimum		9.	
			00	
	Maximum		10	
			.00	
	Range		1.	
			00	
	Interquartile Range		1.	
			00	
	Skewness		.9	.84
			68	5
	Kurtosis		-	1.7
			1.875	41

b. Persentase serangan



Descriptives

konsentrasi				Statistic	Std. Error
Pe rsentase	Mean			90.6667	.33333
	95% Confidence Interval for Mean		Lower Bound	89.8098	
			Upper Bound	91.5235	
	5% Trimmed Mean			90.6296	
	Median			90.5000	
	Variance			.6667	
	Std. Deviation			.81650	
	Minimum			90.00	
	Maximum			92.00	
	Range			2.00	
	Interquartile Range			1.25	
	Skewness			.8571	.8451
	Kurtosis			-.3000	1.7411
	Mean			53.1667	.47726
	95% Confidence Interval for Mean		Lower Bound	51.9398	
			Upper Bound	54.3935	
	5% Trimmed Mean			53.1296	
	Median			53.00	

		.0000	
Variance		1.	
		367	
Std. Deviation		1.	
		16905	
Minimum		52	
		.00	
Maximum		55	
		.00	
Range		3.	
		00	
Interquartile Range		2.	
		25	
Skewness		.6	.84
		68	5
Kurtosis		-	1.7
		.446	41
Mean		25	.36
		.0000	515
95% Confidence Interval for Mean	Lower Bound	24	
	Upper Bound	.0614	
5% Trimmed Mean		25	
		.9386	
Median		25	
		.0000	
Variance		.8	
		00	
Std. Deviation		.8	
		9443	
Minimum		24	
		.00	
Maximum		26	
		.00	
Range		2.	
		00	
Interquartile Range		2.	

				00	
				.0	.84
				00	5
				-	1.7
				1.875	41
				5.	.24
				4000	495
				4.	
	95%	Confidence	Lower Bound	7199	
	Interval for Mean			6.	
			Upper Bound	0801	
				5.	
				3889	
				5.	
				0000	
				.3	
				00	
				.5	
				4772	
				5.	
				00	
				6.	
				00	
				1.	
				00	
				1.	
				00	
				.6	.91
				09	3
				-	2.0
				3.333	00

2. Hasil Uji Normalitas

a. Mortalitas

Tests of Normality

onsentrasi ekstrak	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Significance	Statistic	df	Significance
mortalitas	.223	6	.000	.908	6	.214
	.332	6	.037	.698	6	.060
	.319	6	.056	.683	6	.040
	.407	6	.002	.640	6	.010

b. Persentase serangan

Tests of Normality

onsentrasi	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Significance	Statistic	df	Significance
Persentase	.293	6	.017	.822	6	.091
	.223	6	.000	.908	6	.214
	.202	6	.000	.853	6	.067
	.254	6	.000	.866	6	.120

3. Hasil Uji Homogenitas

a.Mortalitas

Test of Homogeneity of Variances

mortalit

as

Levene	df	df	Si
Statistic	1	2	g.
18.058	3	20	.000

b. Persentase

Test of Homogeneity of Variances

Persen

tase

Levene	df	df	Si
Statistic	1	2	g.
.462	3	20	.712

4. Hasil Uji Hipotesis

a.Mortalitas

Ranks

onsentrasi ekstrak	N	Mean Rank
mortalitas	6	4.75
0	6	16.17
0	6	9.25
0	6	19.83

	otal	24	
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b. Persentase

ANOVA					
Persentase					
	Sum of Squares	df	Mean Square	F	Significance
Between Groups	24779.000	3	8259.667	9.717E3	.000
Within Groups	17.000	20	.850		
Total	24796.000	23			

5. Hasil Uji Lanjut

a. Mortalitas



Ranks

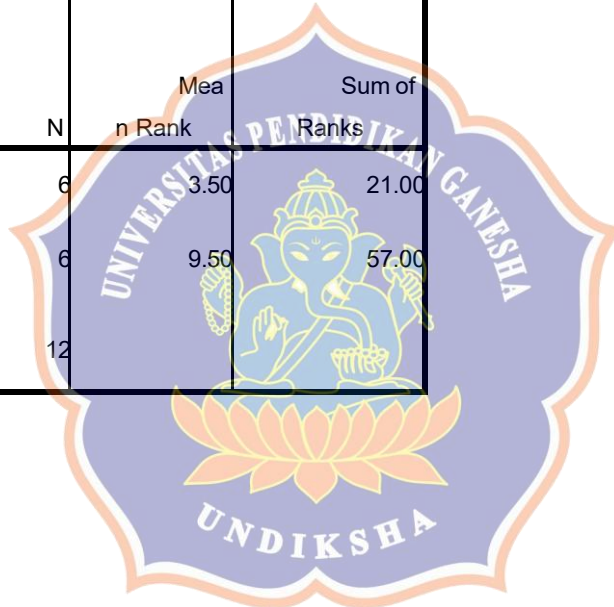
onsentrasi ekstrak	N	Mean Rank	Sum of Ranks
mor	6	3.75	22.50
talitas	6	9.25	55.50
0			
otal	12		

Ranks

onsentrasi ekstrak	N	Mean Rank	Sum of Ranks
mor	6	4.50	27.00
talitas	6	8.50	51.00
0			
total	12		

Ranks

onsentrasi ekstrak	N	Mean Rank	Sum of Ranks
mor	6	3.50	21.00
talitas	6	9.50	57.00
0			
total	12		



Ranks

onsentrasi ekstrak	N	Mean Rank	Sum of Ranks
normal	6	8.75	52.50
0	6	4.25	25.50
total	12		

Ranks

onsentrasi ekstrak	N	Mean Rank	Sum of Ranks
normal	6	5.17	31.00
0	6	7.83	47.00
total	12		

Ranks

onsentrasi ekstrak	N	Mean Rank	Sum of Ranks
normal	6	3.50	21.00
0	6	9.50	57.00
total	12		

b. Persentase

Duncan					
onsentrasi	N	Subset for alpha = 0.05			
		1	2	3	4
	6	5.1667			
	6		25.0000		
	6			53.1667	
	6				90.6667
ig.		1.000	1.000	1.000	1.000

Lampiran 04. Dokumentasi Penelitian

Pembuatan Ekstrak



Penyemaian Bibit





Pencarian dan pengumpulan *Crocidolomia binotalis*



Pembuatan *Greenhouse* Sederhana



Aplikasi ekstrak dan investasi larva ke tanaman kubis

