

LAMPIRAN



Lampiran 1 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	1	0	1	0	2	0.4	40
K0U2	0	0	0	1	0	0	0	1	0.2	20
K0U3	0	0	1	0	0	0	1	2	0.4	40
K0U4	0	0	0	0	1	0	0	1	0.2	20
K0U5	0	1	0	1	0	0	0	2	0.4	40
Konsentrasi 10%	Hari 1	Hari 2	Hari 3	Hari 4	Hari 5	Hari 6	Hari 7	Total	Persentase	%
K1U1	0	0	0	1	0	1	0	2	0.4	40
K1U2	0	0	1	0	0	0	0	1	0.2	20
K1U3	1	0	0	0	0	1	0	2	0.4	40
K1U4	0	0	1	0	2	0	1	3	0.6	60
K1U5	1	0	0	0	0	0	0	1	0.2	20
Konsentrasi 20%	Hari 1	Hari 2	Hari 3	Hari 4	Hari 5	Hari 6	Hari 7	Total	Persentase	%
K2U1	1	1	0	0	0	0	0	2	0.4	40
K2U2	1	0	0	1	0	1	0	3	0.6	60
K2U3	0	0	2	0	1	0	1	3	0.6	60
K2U4	0	1	1	0	0	0	1	2	0.4	40
K2U5	1	0	1	0	0	0	0	2	0.4	40
Konsentrasi 30%	Hari 1	Hari 2	Hari 3	Hari 4	Hari 5	Hari 6	Hari 7	Total	Persentase	%
K3U1	0	2	0	0	0	0	1	3	0.6	60
K3U2	1	0	1	0	1	0	0	3	0.6	60
K3U3	1	0	0	1	0	1	0	3	0.6	60
K3U4	1	0	1	0	1	0	0	3	0.6	60
K3U5	0	0	0	0	0	0	2	2	0.4	40
Konsentrasi 40%	Hari 1	Hari 2	Hari 3	Hari 4	Hari 5	Hari 6	Hari 7	Total	Persentase	%
K4U1	0	0	2	0	1	0	1	4	0.8	80
K4U2	1	1	0	1	0	0	0	3	0.6	60
K4U3	0	1	0	2	0	0	1	4	0.8	80
K4U4	0	0	2	1	0	1	0	4	0.8	80
K4U5	1	0	0	0	0	1	1	3	0.6	60
Konsentrasi 50%	Hari 1	Hari 2	Hari 3	Hari 4	Hari 5	Hari 6	Hari 7	Total	Persentase	%
K5U1	0	2	2	1	0	0	0	5	1	100
K5U2	2	1	1	0	0	0	0	4	0.8	80
K5U3	0	2	1	1	1	0	0	5	1	100
K5U4	2	0	1	0	0	2	0	5	1	100
K5U5	1	0	1	1	0	0	2	5	1	100

Lampiran 2 Data Hasil Observasi Intensitas Serangan Hama

Konsentrasi 0%	Jumlah Daun Terseang	Skala Kerusakan	Jumlah Perhitungan	%
K0U1	9	4	0.9	90
K0U2	8	4	0.8	80
K0U3	8	4	0.8	80
K0U4	9	4	0.9	90
K0U5	8	4	0.8	80
Konsentrasi 10%				
K1U1	8	4	0.8	80
K1U2	8	4	0.8	80
K1U3	7	3	0.525	52.5
K1U4	8	4	0.8	80
K1U5	7	3	0.525	52.5
Konsentrasi 20%				
K2U1	7	3	0.525	52,5
K2U2	7	3	0.525	52.5
K2U3	7	3	0.525	52.5
K2U4	8	4	0.8	80
K2U5	7	3	0.525	52.5
Konsentrasi 30%				
K3U1	7	3	0.525	52.5
K3U2	6	3	0.45	45
K3U3	6	3	0.45	45
K3U4	7	3	0.525	52.5
K3U5	6	3	0.45	45
Konsentrasi 40%				
K4U1	4	2	0.2	20
K4U2	5	2	0.25	25
K4U3	4	2	0.2	20
K4U4	4	2	0.2	20
K4U5	5	2	0.25	25
Konsentrasi 50%				
K5U1	2	1	0.05	5
K5U2	3	1	0.075	7.5
K5U3	2	1	0.05	5
K5U4	2	1	0.05	5
K5U5	3	1	0.075	7.5

Lampiran 3 Hasil Analisis Data

1. Hasil Uji Deskriptif

Descriptives

Kematian
Hama

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
0%	5	.3200	.10954	.04899	.1840	.4560	.20	.40
10%	5	.3600	.16733	.07483	.1522	.5678	.20	.60
20%	5	.4800	.10954	.04899	.3440	.6160	.40	.60
30%	5	.5600	.08944	.04000	.4489	.6711	.40	.60
40%	5	.7200	.10954	.04899	.5840	.8560	.60	.80
50%	5	.9600	.08944	.04000	.8489	1.0711	.80	1.00
Total	30	.5667	.24682	.04506	.4745	.6588	.20	1.00

Descriptives

Intensitas Serangan

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
0%	5	.8400	.05477	.02449	.7720	.9080	.80	.90
10%	5	.6900	.15062	.06736	.5030	.8770	.53	.80
20%	5	.5800	.12298	.05500	.4273	.7327	.53	.80
30%	5	.4800	.04108	.01837	.4290	.5310	.45	.53
40%	5	.2200	.02739	.01225	.1860	.2540	.20	.25
50%	5	.0600	.01369	.00612	.0430	.0770	.05	.08
Total	30	.4783	.28236	.05155	.3729	.5838	.05	.90

2. Hasil Uji Normalitas (Uji Kolmogorov-Smirnov)

One-Sample Kolmogorov-Smirnov Test

		Kematian Hama	Intensitas Serangan
N		30	30
Normal Parameters ^{a,b}	Mean	.5667	.4783
	Std. Deviation	.24682	.28236

Most Extreme Differences	Absolute	.184	.173
	Positive	.184	.134
	Negative	-.120	-.173
Kolmogorov-Smirnov Z		.184	.173
Asymp. Sig. (2-tailed)		.011 ^c	.023 ^c

a. Test distribution is Normal.

3. Hasil Uji Homogenitas (Uji *Levene Test*)

Test of Homogeneity of Variances

Kematian
Hama

Levene Statistic	df1	df2	Sig.
1.183	5	24	.347

Test of Homogeneity of Variances

Intensitas Serangan

Levene Statistic	df1	df2	Sig.
9.324	5	24	.000

4. Hasil Uji Hipotesis (Uji *One Way Anova* dan *Kruskal Wallis*)

Test Statistics^{a,b}

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.447	5	.289	21.700	.000
Within Groups	.320	24	.013		
Total	1.767	29			

a. ANOVA Test

Test Statistics^{a,b}

	IS
Kruskal Wallis	26.486
df	5
Asymp. Sig.	.000

a. Kruskal Wallis Test

5. Hasil Uji Lanjut (Uji LSD)

Multiple Comparisons

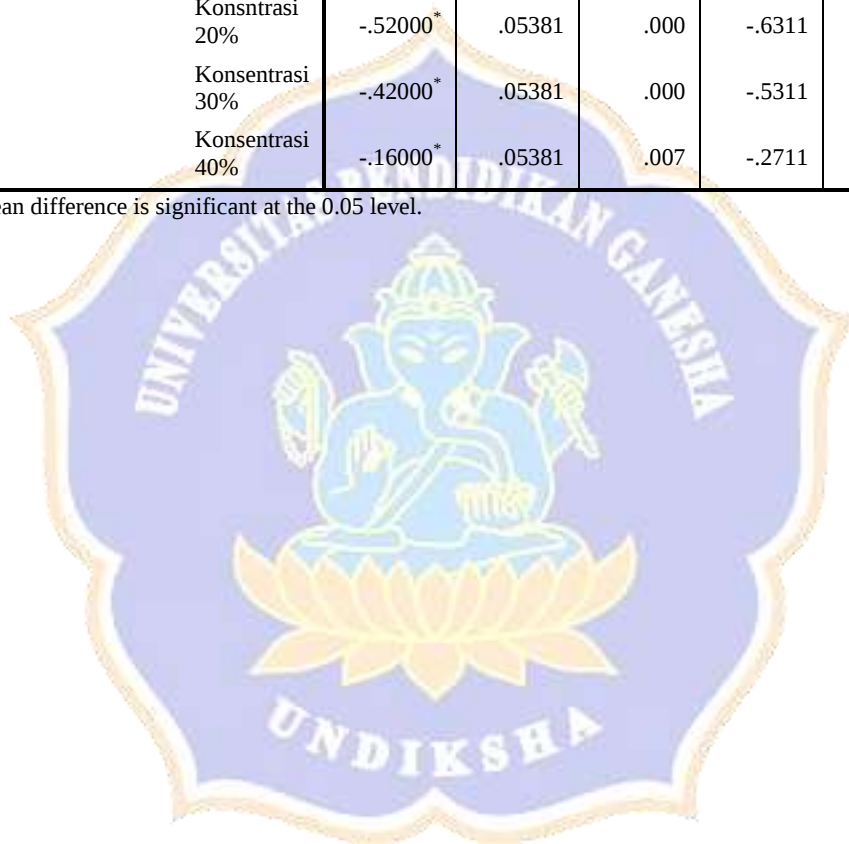
LSD

Dependent Variable			Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Kematian Hama	Konsentrasi 0%	Konsentrasi 10%	-.04000	.07303	.589	-.1907	.1107
		Konsentrasi 20%	-.16000*	.07303	.038	-.3107	-.0093
		Konsentrasi 30%	-.24000*	.07303	.003	-.3907	-.0893
		Konsentrasi 40%	-.40000*	.07303	.000	-.5507	-.2493
		Konsentrasi 50%	-.64000*	.07303	.000	-.7907	-.4893
	Konsentrasi 10%	Konsentrasi 0%	.04000	.07303	.589	-.1107	.1907
		Konsentrasi 20%	-.12000	.07303	.113	-.2707	.0307
		Konsentrasi 30%	-.20000*	.07303	.011	-.3507	-.0493
		Konsentrasi 40%	-.36000*	.07303	.000	-.5107	-.2093
		Konsentrasi 50%	-.60000*	.07303	.000	-.7507	-.4493
	Konsentrasi 20%	Konsentrasi 0%	.16000*	.07303	.038	.0093	.3107
		Konsentrasi 10%	.12000	.07303	.113	-.0307	.2707
		Konsentrasi 30%	-.08000	.07303	.284	-.2307	.0707
		Konsentrasi 40%	-.24000*	.07303	.003	-.3907	-.0893
		Konsentrasi 50%	-.48000*	.07303	.000	-.6307	-.3293
	Konsentrasi 30%	Konsentrasi 0%	.24000*	.07303	.003	.0893	.3907
		Konsentrasi 10%	.20000*	.07303	.011	.0493	.3507
		Konsentrasi 20%	.08000	.07303	.284	-.0707	.2307
		Konsentrasi 40%	-.16000*	.07303	.038	-.3107	-.0093
		Konsentrasi 50%	-.40000*	.07303	.000	-.5507	-.2493
	Konsentrasi 40%	Konsentrasi 0%	.40000*	.07303	.000	.2493	.5507
		Konsentrasi 10%	.36000*	.07303	.000	.2093	.5107
		Konsentrasi 20%	.24000*	.07303	.003	.0893	.3907

		Konsentrasi 30%	.16000*	.07303	.038	.0093	.3107
		Konsentrasi 50%	-.24000*	.07303	.003	-.3907	-.0893
	Konsentrasi 50%	Konsentrasi 0%	.64000*	.07303	.000	.4893	.7907
		Konsentrasi 10%	.60000*	.07303	.000	.4493	.7507
		Konsentrasi 20%	.48000*	.07303	.000	.3293	.6307
		Konsentrasi 30%	.40000*	.07303	.000	.2493	.5507
		Konsentrasi 40%	.24000*	.07303	.003	.0893	.3907
Intensitas Serangan	Konsentrasi 0%	Konsentrasi 10%	.15000*	.05381	.010	.0389	.2611
		Konsentrasi 20%	.26000*	.05381	.000	.1489	.3711
		Konsentrasi 30%	.36000*	.05381	.000	.2489	.4711
		Konsentrasi 40%	.62000*	.05381	.000	.5089	.7311
		Konsentrasi 50%	.78000*	.05381	.000	.6689	.8911
	Konsentrasi 10%	Konsentrasi 0%	-.15000*	.05381	.010	-.2611	-.0389
		Konsentrasi 20%	.11000	.05381	.052	-.0011	.2211
		Konsentrasi 30%	.21000*	.05381	.001	.0989	.3211
		Konsentrasi 40%	.47000*	.05381	.000	.3589	.5811
		Konsentrasi 50%	.63000*	.05381	.000	.5189	.7411
	Konsentrasi 20%	Konsentrasi 0%	-.26000*	.05381	.000	-.3711	-.1489
		Konsentrasi 10%	-.11000	.05381	.052	-.2211	.0011
		Konsentrasi 30%	.10000	.05381	.075	-.0111	.2111
		Konsentrasi 40%	.36000*	.05381	.000	.2489	.4711
		Konsentrasi 50%	.52000*	.05381	.000	.4089	.6311
	Konsentrasi 30%	Konsentrasi 0%	-.36000*	.05381	.000	-.4711	-.2489
		Konsentrasi 10%	-.21000*	.05381	.001	-.3211	-.0989
		Konsentrasi 20%	-.10000	.05381	.075	-.2111	.0111
		Konsentrasi 40%	.26000*	.05381	.000	.1489	.3711
		Konsentrasi 50%	.42000*	.05381	.000	.3089	.5311

Konsentrasi 40%	Konsentrasi 0%	-.62000*	.05381	.000	-.7311	-.5089
	Konsentrasi 10%	-.47000*	.05381	.000	-.5811	-.3589
	Konsentrasi 20%	-.36000*	.05381	.000	-.4711	-.2489
	Konsentrasi 30%	-.26000*	.05381	.000	-.3711	-.1489
	Konsentrasi 50%	.16000*	.05381	.007	.0489	.2711
Konsentrasi 50%	Konsentrasi 0%	-.78000*	.05381	.000	-.8911	-.6689
	Konsentrasi 10%	-.63000*	.05381	.000	-.7411	-.5189
	Konsentrasi 20%	-.52000*	.05381	.000	-.6311	-.4089
	Konsentrasi 30%	-.42000*	.05381	.000	-.5311	-.3089
	Konsentrasi 40%	-.16000*	.05381	.007	-.2711	-.0489

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



Lampiran 4 Dokumentasi Penelitian

Penyemaian Tanaman Cabai Rawit



Pengumpulan Hama *Spodoptera litura* F.



Proses Riring Hama *S. litura* F.



Variasi Konsentrasi Ekstrak Daun Pepaya



Penyusunan Tanaman Cabai Rawit



Pengaplikasian Ekstrak dan Investasi Hama



Pengamatan Penelitian



UNDIKSHA