LAMPIRAN

Dokumentasi

Proses Pembuatan Kandang Uji

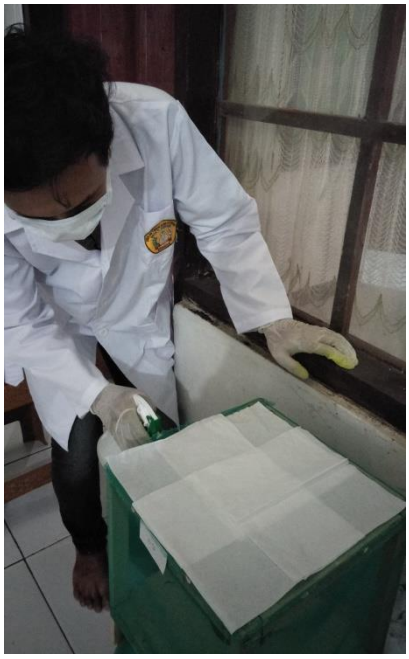
Berkunjung ke Desa Cihideung Lembang untuk membeli jeruk nipis langsung dari kebunnya

Alat dan bahan penelitian

Perkembang biakan lalat rumah (Musca domestica)

Membuat larutan konsentrasi air perasan jeruk nipis

Persiapan kandang uji yang sudah berisi 25 ekor lalat & penyemprotan kandang uji



Pengecekan 1 jam sekali hingga jam ke 6

Setelah 6 jam lalat dikeluarkan dari kandang uji dan dihitung jumlah lalat yang mati.

Hasil Pengamatan Jumlah Kematian Lalat Rumah (*Musca domestica*)

Hasil Pengamatan Jumlah Kematian Lalat Rumah (*Musca domestica*) Oleh Air Perasan Jeruk Nipis (*Citrus aurantifolia*) Di Rumah Pribadi, 12 Mei 2020

Pengulangan	Jam	Jumlah Kematian Lalat Rumah (*Musca domestica*)				
		10%	20%	30%	40%	Kontrol
1	1	1	2	3	3	0
	2	2	4	5	6	0
	3	3	5	7	9	0
	4	3	8	11	12	0
	5	5	11	15	18	0
	6	6	13	18	24	0
2	1	2	3	3	4	0
	2	3	5	5	6	0
	3	4	7	9	9	0
	4	5	8	12	13	0
	5	5	10	15	19	0
	6	7	13	18	24	0
3	1	1	2	3	3	0
	2	2	3	4	5	0
	3	2	5	6	7	0
	4	3	6	9	12	0
	5	4	8	13	18	0
	6	5	10	16	23	0

Master Tabel

No	Konsentrasi	Kematian Lalat Rumah (*Musca domestica*)
1	Kontrol	0
2	Kontrol	0
3	Kontrol	0
4	Konsentrasi 10%	6
5	Konsentrasi 10%	7
6	Konsentrasi 10%	5
7	Konsentrasi 20%	13
8	Konsentrasi 20%	13
9	Konsentrasi 20%	10
10	Konsentrasi 30%	18
11	Konsentrasi 30%	18
12	Konsentrasi 30%	16
13	Konsentrasi 40%	24
14	Konsentrasi 40%	24
15	Konsentrasi 40%	23

Hasil Uji Normalitas Data

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Kontrol	3	100.0%	0	0.0%	3	100.0%
Konsentrasi 10%	3	100.0%	0	0.0%	3	100.0%
Konsentrasi 20%	3	100.0%	0	0.0%	3	100.0%
Konsentrasi 30%	3	100.0%	0	0.0%	3	100.0%
Konsentrasi 40%	3	100.0%	0	0.0%	3	100.0%

Descriptives[a]

			Statistic	Std. Error
Konsentrasi 10%	Mean		6.00	.577
	95% Confidence Interval for Mean	Lower Bound	3.52	
		Upper Bound	8.48	
	5% Trimmed Mean		.	
	Median		6.00	
	Variance		1.000	
	Std. Deviation		1.000	
	Minimum		5	
	Maximum		7	
	Range		2	
	Interquartile Range		.	

	Skewness		.000	1.225
	Kurtosis		.	.
Konsentrasi 20%	Mean		12.00	1.000
	95% Confidence Interval for Mean	Lower Bound	7.70	
		Upper Bound	16.30	
	5% Trimmed Mean		.	
	Median		13.00	
	Variance		3.000	
	Std. Deviation		1.732	
	Minimum		10	
	Maximum		13	
	Range		3	
	Interquartile Range		.	
	Skewness		-1.732	1.225
	Kurtosis		.	.
Konsentrasi 30%	Mean		17.33	.667
	95% Confidence Interval for Mean	Lower Bound	14.46	
		Upper Bound	20.20	
	5% Trimmed Mean		.	
	Median		18.00	
	Variance		1.333	
	Std. Deviation		1.155	
	Minimum		16	
	Maximum		18	

	Range		2	
	Interquartile Range		.	
	Skewness		-1.732	1.225
	Kurtosis		.	.
Konsentrasi 40%	Mean		23.67	.333
	95% Confidence Interval for Mean	Lower Bound	22.23	
		Upper Bound	25.10	
	5% Trimmed Mean		.	
	Median		24.00	
	Variance		.333	
	Std. Deviation		.577	
	Minimum		23	
	Maximum		24	
	Range		1	
	Interquartile Range		.	
	Skewness		-1.732	1.225
	Kurtosis		.	.

Tests of Normality[a]

	Kolmogorov-Smirnov[b]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Konsentrasi 10%	.175	3	.	1.000	3	1.000
Konsentrasi 20%	.385	3	.	.750	3	.000
Konsentrasi 30%	.385	3	.	.750	3	.000
Konsentrasi 40%	.385	3	.	.750	3	.000

Analisis Univariat

Statistics

		Kontrol	Konsentrasi 10%	Konsentrasi 20%	Konsentrasi 30%	Konsentrasi 40%
N	Valid	3	3	3	3	3
	Missing	0	0	0	0	0
Mean		.00	6.00	12.00	17.33	23.67
Std. Error of Mean		.000	.577	1.000	.667	.333
Median		.00	6.00	13.00	18.00	24.00
Mode		0	5[a]	13	18	24
Std. Deviation		.000	1.000	1.732	1.155	.577
Variance		.000	1.000	3.000	1.333	.333
Range		0	2	3	2	1
Minimum		0	5	10	16	23
Maximum		0	7	13	18	24
Sum		0	18	36	52	71

a. Multiple modes exist. The smallest value is shown

Test Homogen

Test of Homogeneity of Variances

Jumlah_Kematian_Lalat

Levene Statistic	df1	df2	Sig.
4.348	4	10	.027

Hasil Uji Kruskal-Wallis

Ranks

	Konsentrasi	N	Mean Rank
Jumlah Kematian Lalat	Kontrol	3	2.00
	Konsentrasi 10%	3	5.00
	Konsentrasi 20%	3	8.00
	Konsentrasi 30%	3	11.00
	Konsentrasi 40%	3	14.00
	Total	15	

Test Statistics[a,b]

	Jumlah Kematian Lalat
Chi-Square	13.671
df	4
Asymp. Sig.	.008

a. Kruskal Wallis Test

b. Grouping Variable: Konsentrasi

Post Hoc

Multiple Comparisons

Dependent Variable: Jumlah Kematian Lalat Rumah

	(I) Konsentrasi	(J) Konsentrasi	Mean Difference (I-J)	Std. Error	Sig.
Tukey HSD	0	10	-6.000*	.869	.000
		20	-12.000*	.869	.000
		30	-17.333*	.869	.000
		40	-23.667*	.869	.000
	10	0	6.000*	.869	.000
		20	-6.000*	.869	.000
		30	-11.333*	.869	.000
		40	-17.667*	.869	.000
	20	0	12.000*	.869	.000
		10	6.000*	.869	.000
		30	-5.333*	.869	.001
		40	-11.667*	.869	.000
	30	0	17.333*	.869	.000
		10	11.333*	.869	.000
		20	5.333*	.869	.001
		40	-6.333*	.869	.000
	40	0	23.667*	.869	.000
		10	17.667*	.869	.000
		20	11.667*	.869	.000

	30	6.333*	.869	.000

Multiple Comparisons

Dependent Variable: Jumlah Kematian Lalat Rumah

			95% Confidence Interval	
	(I) Konsentrasi	(J) Konsentrasi	Lower Bound	Upper Bound
Tukey HSD	0	10	-8.86	-3.14
		20	-14.86	-9.14
		30	-20.19	-14.47
		40	-26.53	-20.81
	10	0	3.14	8.86
		20	-8.86	-3.14
		30	-14.19	-8.47
		40	-20.53	-14.81
	20	0	9.14	14.86
		10	3.14	8.86
		30	-8.19	-2.47
		40	-14.53	-8.81
	30	0	14.47	20.19
		10	8.47	14.19
		20	2.47	8.19
		40	-9.19	-3.47
	40	0	20.81	26.53
		10	14.81	20.53

	20	8.81	14.53
	30	3.47	9.19

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

Homogeneous Subsets

UJI DUCAN

Jumlah Kematian Lalat Rumah

			Subset for alpha = 0.05				
	Konsentrasi	N	1	2	3	4	5
Tukey HSD[a]	0	3	.00				
	10	3		6.00			
	20	3			12.00		
	30	3				17.33	
	40	3					23.67
	Sig.		1.000	1.000	1.000	1.000	1.000
Duncan[a]	0	3	.00				
	10	3		6.00			
	20	3			12.00		
	30	3				17.33	
	40	3					23.67
	Sig.		1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.