

Lampiran 01

Tabel Hasil Analisis BNT pemberian variasi konsentrasi ekstrak kenikir terhadap intensitas serangan hama

Perlakuan	Perlakuan	Nilai p	Keterangan
K0	K1	0,0001	Berbeda bermakna
	K2	0,0001	Berbeda bermakna
	K3	0,0001	Berbeda bermakna
	K4	0,0001	Berbeda bermakna
	K5	0,0001	Berbeda bermakna
K1	K2	0,001	Berbeda bermakna
	K3	0,0001	Berbeda bermakna
	K4	0,0001	Berbeda bermakna
	K5	0,0001	Berbeda bermakna
K2	K3	0,002	Berbeda bermakna
	K4	0,0001	Berbeda bermakna
	K5	0,0001	Berbeda bermakna
K3	K4	0,493	Tidak berbeda bermakna
	K5	0,0001	Berbeda bermakna
K4	K5	0,001	Berbeda bermakna

Lampiran 02

Tabel Hasil Analisis BNT pemberian variasi konsentrasi ekstrak kenikir terhadap berat basah pakcoy

Perlakuan	Perlakuan	Nilai p	Keterangan
K0	K1	0,109	Tidak berbeda bermakna
	K2	0,005	Berbeda bermakna
	K3	0,0001	Berbeda bermakna
	K4	0,0001	Berbeda bermakna
	K5	0,0001	Berbeda bermakna
K1	K2	0,153	Tidak berbeda bermakna
	K3	0,0001	Berbeda bermakna
	K4	0,0001	Berbeda bermakna
	K5	0,0001	Berbeda bermakna
K2	K3	0,009	Berbeda bermakna
	K4	0,0001	Berbeda bermakna
	K5	0,0001	Berbeda bermakna
K3	K4	0,007	Berbeda bermakna
	K5	0,0001	Berbeda bermakna
K4	K5	0,013	Berbeda bermakna

Lampiran 03

Tabel Uji Statistik

1.1 Hasil Analisis Deskriptif Persentase Intensitas Serangan Hama

Descriptive Statistics					
	N	Minimum	Maximum	Mean	Std. Deviation
K0	4	29.44	35.75	33.0675	2.63319
K1	4	16.06	18.61	17.1125	1.13085
K2	4	11.18	14.28	12.9525	1.50016
K3	4	7.69	10.33	8.9650	1.13987
K4	4	6.69	9.73	8.2100	1.24107
K5	4	3.30	4.72	4.0100	.81984
Valid N (listwise)	4				

1.2 Hasil Analisis Deskriptif Berat Basah Sawi Pakcoy

Descriptive Statistics					
	N	Minimum	Maximum	Mean	Std. Deviation
K0	4	2.36	9.03	6.0950	3.04662
K1	4	9.32	16.66	14.2900	3.40847
K2	4	4.97	29.47	21.5400	11.17774
K3	4	30.11	42.41	35.7075	5.78690
K4	4	41.44	59.59	50.4975	7.65619
K5	4	56.39	70.73	63.8700	6.76957
Valid N (listwise)	4				

1.3 Uji Normalitas Persentase Intensitas Serangan Hama

One-Sample Kolmogorov-Smirnov Test

		IntensitasSerangan
N		24
Normal Parameters ^{a,b}	Mean	14.0529
	Std. Deviation	9.72218
Most Extreme Differences	Absolute	.160
	Positive	.160
	Negative	-.134
Test Statistic		.160

Asymp. Sig. (2-tailed)	.116 ^c
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- Test distribution is Normal.
- Calculated from data.
- Lilliefors Significance Correction.

1.4 Uji Normalitas Berat Basah Sawi Pakcoy

One-Sample Kolmogorov-Smirnov Test

		Perlakuan	Beratbasah
N		24	24
Normal Parameters ^{a,b}	Mean	2.50	32.0000
	Std. Deviation	1.745	21.58323
Most Extreme Differences	Absolute	.138	.136
	Positive	.138	.136
	Negative	-.138	-.085
Test Statistic		.138	.136
Asymp. Sig. (2-tailed)		.200 ^{c,d}	.200 ^{c,d}

- Test distribution is Normal.
- Calculated from data.
- Lilliefors Significance Correction.
- This is a lower bound of the true significance.

1.5 Hasil Uji Homogenitas Persentase Intensitas Serangan Hama

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
IntensitasSerangan	Based on Mean	1.045	5	18	.422
	Based on Median	.489	5	18	.780
	Based on Median and with adjusted df	.489	5	5.742	.775
	Based on trimmed mean	.966	5	18	.464

1.6 Hasil Uji Homogenitas Berat Basah Sawi Pakcoy

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Beratbasah	Based on Mean	1.990	5	18	.129
	Based on Median	.566	5	18	.725
	Based on Median and with adjusted df	.566	5	4.983	.726
	Based on trimmed mean	1.715	5	18	.182

1.7 Hasil Hipotesis Persentase Intensitas Serangan Hama

ANOVA

IntensitasSerangan

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2132.052	5	426.410	183.078	.000
Within Groups	41.924	18	2.329		
Total	2173.976	23			

1.8 Hasil Hipotesis Berat Basah Sawi Pakcoy

ANOVA

Beratbasah

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	9862.899	5	1972.580	41.707	.000
Within Groups	851.322	18	47.296		
Total	10714.221	23			

1.9 Hasil Uji BNT Persentase Intensitas Serangan Hama

Multiple Comparisons

Dependent Variable: IntensitasSerangan

LSD

(I) Perlakuan	(J) Perlakuan	Mean Difference			95% Confidence Interval	
		(I-J)	Std. Error	Sig.	Lower Bound	Upper Bound
0	1	15.95500*	1.07915	.000	13.6878	18.2222
	2	20.11500*	1.07915	.000	17.8478	22.3822
	3	24.10250*	1.07915	.000	21.8353	26.3697
	4	24.85750*	1.07915	.000	22.5903	27.1247
	5	29.05750*	1.07915	.000	26.7903	31.3247
1	0	-15.95500*	1.07915	.000	-18.2222	-13.6878
	2	4.16000*	1.07915	.001	1.8928	6.4272
	3	8.14750*	1.07915	.000	5.8803	10.4147
	4	8.90250*	1.07915	.000	6.6353	11.1697
	5	13.10250*	1.07915	.000	10.8353	15.3697
2	0	-20.11500*	1.07915	.000	-22.3822	-17.8478
	1	-4.16000*	1.07915	.001	-6.4272	-1.8928
	3	3.98750*	1.07915	.002	1.7203	6.2547
	4	4.74250*	1.07915	.000	2.4753	7.0097
	5	8.94250*	1.07915	.000	6.6753	11.2097

3	0	-24.10250*	1.07915	.000	-26.3697	-21.8353
	1	-8.14750*	1.07915	.000	-10.4147	-5.8803
	2	-3.98750*	1.07915	.002	-6.2547	-1.7203
	4	.75500	1.07915	.493	-1.5122	3.0222
	5	4.95500*	1.07915	.000	2.6878	7.2222
4	0	-24.85750*	1.07915	.000	-27.1247	-22.5903
	1	-8.90250*	1.07915	.000	-11.1697	-6.6353
	2	-4.74250*	1.07915	.000	-7.0097	-2.4753
	3	-.75500	1.07915	.493	-3.0222	1.5122
	5	4.20000*	1.07915	.001	1.9328	6.4672
5	0	-29.05750*	1.07915	.000	-31.3247	-26.7903
	1	-13.10250*	1.07915	.000	-15.3697	-10.8353
	2	-8.94250*	1.07915	.000	-11.2097	-6.6753
	3	-4.95500*	1.07915	.000	-7.2222	-2.6878
	4	-4.20000*	1.07915	.001	-6.4672	-1.9328

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

1.10 Hasil Uji BNT Berat Basah Sawi Pakcoy

Multiple Comparisons

Dependent Variable: Beratbasah

LSD

(I) Perlakuan	(J) Perlakuan	Mean Difference	Std. Error	Sig.	95% Confidence Interval	
		(I-J)			Lower Bound	Upper Bound
K0	K1	-8.19500	4.86290	.109	-18.4116	2.0216
	K2	-15.44500*	4.86290	.005	-25.6616	-5.2284
	K3	-29.61250*	4.86290	.000	-39.8291	-19.3959
	K4	-44.40250*	4.86290	.000	-54.6191	-34.1859
	K5	-57.77500*	4.86290	.000	-67.9916	-47.5584
K1	K0	8.19500	4.86290	.109	-2.0216	18.4116
	K2	-7.25000	4.86290	.153	-17.4666	2.9666
	K3	-21.41750*	4.86290	.000	-31.6341	-11.2009
	K4	-36.20750*	4.86290	.000	-46.4241	-25.9909
	K5	-49.58000*	4.86290	.000	-59.7966	-39.3634
K2	K0	15.44500*	4.86290	.005	5.2284	25.6616
	K1	7.25000	4.86290	.153	-2.9666	17.4666
	K3	-14.16750*	4.86290	.009	-24.3841	-3.9509
	K4	-28.95750*	4.86290	.000	-39.1741	-18.7409
	K5	-42.33000*	4.86290	.000	-52.5466	-32.1134
K3	K0	29.61250*	4.86290	.000	19.3959	39.8291

	K1	21.41750*	4.86290	.000	11.2009	31.6341
	K2	14.16750*	4.86290	.009	3.9509	24.3841
	K4	-14.79000*	4.86290	.007	-25.0066	-4.5734
	K5	-28.16250*	4.86290	.000	-38.3791	-17.9459
K4	K0	44.40250*	4.86290	.000	34.1859	54.6191
	K1	36.20750*	4.86290	.000	25.9909	46.4241
	K2	28.95750*	4.86290	.000	18.7409	39.1741
	K3	14.79000*	4.86290	.007	4.5734	25.0066
	K5	-13.37250*	4.86290	.013	-23.5891	-3.1559
K5	K0	57.77500*	4.86290	.000	47.5584	67.9916
	K1	49.58000*	4.86290	.000	39.3634	59.7966
	K2	42.33000*	4.86290	.000	32.1134	52.5466
	K3	28.16250*	4.86290	.000	17.9459	38.3791
	K4	13.37250*	4.86290	.013	3.1559	23.5891

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



Lampiran 04

Dokumentasi Penelitian



Gambar 1. Pemisahan daun dan batang



Gambar 2. Pengeringan daun



Gambar 3. Penimbangan ekstrak daun



Gambar 4. Pengenceran ekstrak



Gambar 5. Penyemaian pakcoy



Gambar 6. Perawatan pakcoy



Gambar 7. Proses rearing larva



Gambar 8. Pemberian label



Gambar 9. Aplikasi ekstrak daun



Gambar 10. Investasi larva



Gambar 11. Pemasangan sungkup



Gambar 12. Penimbangan pakcoy

