

LAMPIRAN

Lampiran 1. Uji Anova Pertumbuhan Berat Mutlak Ikan Nila (*Oreochromis sp.*)

Tests of Normality							
	Perlakuan	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Pertumbuhan Berat Mutlak	P0	.293	3	.	.922	3	.461
	P1	.242	3	.	.973	3	.685
	P2	.361	3	.	.806	3	.128
	P3	.175	3	.	1.000	3	1.000

a. Lilliefors Significance Correction

Test of Homogeneity of Variances						
		Levene		df1	df2	Sig.
		Statistic				
Pertumbuhan Berat Mutlak	Based on Mean	1.932		3	8	.203
	Based on Median	.622		3	8	.620
	Based on Median and with adjusted df	.622		3	5.182	.630
	Based on trimmed mean	1.809		3	8	.223

ANOVA					
Pertumbuhan Berat Mutlak					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	113.360	3	37.787	3.071	.091
Within Groups	98.443	8	12.305		
Total	211.804	11			

Lampiran 2. Uji Anova Pertumbuhan Panjang Mutlak Ikan Nila (*Oreochromis sp.*)

Tests of Normality							
	Perlakuan	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Pertumbuhan Panjang Mutlak	P0	.253	3	.	.964	3	.637
	P1	.292	3	.	.923	3	.463
	P2	.354	3	.	.821	3	.165
	P3	.342	3	.	.845	3	.227

a. Lilliefors Significance Correction

Test of Homogeneity of Variances						
		Levene Statistic				
		Statistic	df1	df2	Sig.	
Pertumbuhan Panjang Mutlak	Based on Mean	.453	3	8	.722	
	Based on Median	.071	3	8	.974	
	Based on Median and with adjusted df	.071	3	6.858	.973	
	Based on trimmed mean	.399	3	8	.758	

ANOVA					
Pertumbuhan Panjang Mutlak					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2.201	3	.734	8.680	.007
Within Groups	.676	8	.085		
Total	2.878	11			

Multiple Comparisons						
Dependent Variable: Pertumbuhan Panjang Mutlak						
LSD						
(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
P0	P1	-.88667*	.23739	.006	-1.4341	-.3392
	P2	-.82667*	.23739	.008	-1.3741	-.2792
	P3	-1.14000*	.23739	.001	-1.6874	-.5926
P1	P0	.88667*	.23739	.006	.3392	1.4341
	P2	.06000	.23739	.807	-.4874	.6074
	P3	-.25333	.23739	.317	-.8008	.2941
P2	P0	.82667*	.23739	.008	.2792	1.3741
	P1	-.06000	.23739	.807	-.6074	.4874
	P3	-.31333	.23739	.223	-.8608	.2341
P3	P0	1.14000*	.23739	.001	.5926	1.6874
	P1	.25333	.23739	.317	-.2941	.8008
	P2	.31333	.23739	.223	-.2341	.8608

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

Lampiran 3. Uji Anova Laju Pertumbuhan Spesifik Ikan Nila (*Oreochromis sp.*)

Tests of Normality							
	Perlakuan	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Specific Growth Rate	P0	.276	3	.	.942	3	.537
	P1	.222	3	.	.985	3	.768
	P2	.302	3	.	.911	3	.420
	P3	.378	3	.	.767	3	.038

a. Lilliefors Significance Correction

Test of Homogeneity of Variances					
		Levene Statistic			
		Statistic	df1	df2	Sig.
Specific Growth Rate	Based on Mean	1.098	3	8	.405
	Based on Median	.237	3	8	.868
	Based on Median and with adjusted df	.237	3	5.267	.868
	Based on trimmed mean	.996	3	8	.443

ANOVA					
Specific Growth Rate					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.547	3	.182	.984	.448
Within Groups	1.482	8	.185		
Total	2.029	11			

Lampiran 4. Uji Anova Kelulushidupan Ikan Nila (*Oreochromis sp.*)

Tests of Normality							
	Perlakuan	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Survival Rate	P0	.186	3	.	.998	3	.921
	P1	.197	3	.	.996	3	.876
	P2	.385	3	.	.750	3	.000
	P3	.385	3	.	.750	3	.000

a. Lilliefors Significance Correction

Kruskal-Wallis Test

Ranks			
	Perlakuan	N	Mean Rank
Survival Rate	P2	3	2.17
	P3	3	4.83
	Total	6	

Test Statistics ^{a,b}	
Survival Rate	
Kruskal-Wallis H	3.333
df	1
Asymp. Sig.	.068

a. Kruskal Wallis Test
b. Grouping Variable: Perlakuan

Lampiran 5. Uji Anova Ratio Konversi Pakan Ikan Nila (*Oreochromis sp.*)

Tests of Normality							
Perlakuan	Kolmogorov-Smirnov ^a			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
FCR	P0	.191	3	.	.997	3	.900
	P1	.219	3	.	.987	3	.780
	P2	.265	3	.	.953	3	.583
	P3	.269	3	.	.949	3	.567

a. Lilliefors Significance Correction

Test of Homogeneity of Variances					
Perlakuan	Based on	Levene	df1	df2	Sig.
		Statistic			
FCR	Mean	.151	3	8	.926
	Median	.051	3	8	.984
	Median and with adjusted df	.051	3	7.213	.984
	trimmed mean	.143	3	8	.932

ANOVA					
Perlakuan	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.040	3	.013	4.267	.045
Within Groups	.025	8	.003		
Total	.066	11			

Multiple Comparisons						
Dependent Variable: FCR						
LSD						
(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
P0	P1	.11667*	.04589	.035	.0109	.2225
	P2	.12667*	.04589	.025	.0209	.2325
	P3	.15000*	.04589	.011	.0442	.2558
P1	P0	-.11667*	.04589	.035	-.2225	-.0109
	P2	.01000	.04589	.833	-.0958	.1158
	P3	.03333	.04589	.488	-.0725	.1391
P2	P0	-.12667*	.04589	.025	-.2325	-.0209
	P1	-.01000	.04589	.833	-.1158	.0958
	P3	.02333	.04589	.625	-.0825	.1291
P3	P0	-.15000*	.04589	.011	-.2558	-.0442
	P1	-.03333	.04589	.488	-.1391	.0725
	P2	-.02333	.04589	.625	-.1291	.0825

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

Lampiran 6. Uji Anova Efisiensi Pakan Ikan Nila (*Oreochromis sp.*)

Tests of Normality							
	Perlakuan	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Efisiensi Pakan	P0	.184	3	.	.999	3	.930
	P1	.199	3	.	.995	3	.866
	P2	.222	3	.	.986	3	.770
	P3	.246	3	.	.970	3	.668

a. Lilliefors Significance Correction

Test of Homogeneity of Variances					
		Levene	df1	df2	Sig.
		Statistic			
Efisiensi Pakan	Based on Mean	.332	3	8	.802
	Based on Median	.176	3	8	.910
	Based on Median and with adjusted df	.176	3	6.736	.909
	Based on trimmed mean	.321	3	8	.810

ANOVA					
Efisiensi Pakan					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2251.043	3	750.348	3.717	.061
Within Groups	1615.005	8	201.876		
Total	3866.048	11			

Lampiran 7. Dokumentasi Kegiatan













a. Alat



b. Bahan

		
Air Leri (air cucian beras)	Jahe	Daun sirih
		
Kunyit	Temulawak	Lengkuas
		
Bawang putih	Ragi tape	Terasi

c. Pembuatan Larutan Herbal Fermentasi

		
Timbang semua bahan	Kupas semua bahan dan cuci hingga bersih	Haluskan semua bahan
		
Larutkan gula merah	Masukkan semua bahan yang sudah dihaluskan	Tunggu hingga mendidih
		
Proses Penyaringan	Masukkan ragi	Ukur pH
		
Ukur suhu	Larutan herbal ditakar dan dimasukkan ke dalam galon	Tambahan air leri

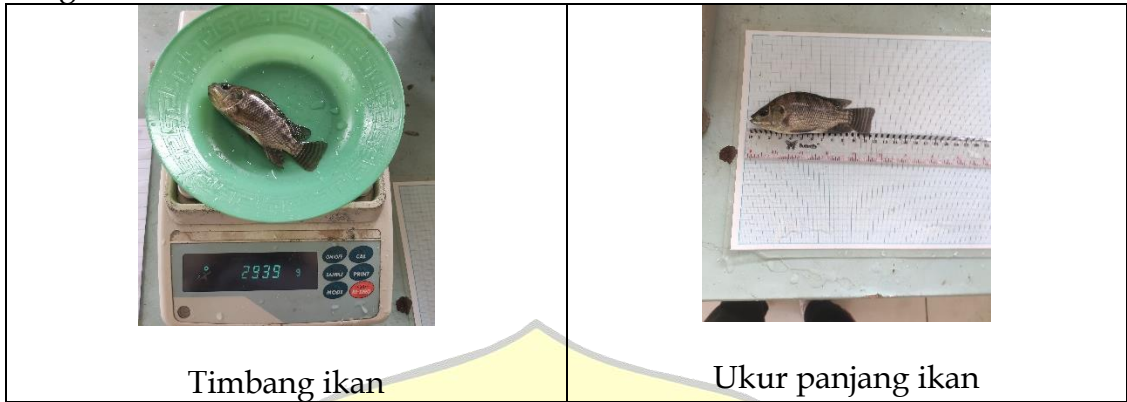
d. Penambahan Larutan Herbal Fermentasi Pada Pakan



e. Pemeliharaan Ikan dan Pemberian Pakan



f. Pengambilan data



g. Pengecekan Kualitas Air

