

LAMPIRAN

Lampiran 1. Uji Statistik Pertumbuhan Mutlak Udang Jerbung

Test of Homogeneity of Variances

Bobot Udang (gr)				
Levene Statistic	df1	df2	Sig.	
.397	2	9	.684	

ANOVA

Bobot Udang (gr)						
	Sum of Squares	Df	Mean Square	F	Sig.	
Between Groups	.951	2	.475	23.711	.000	
Within Groups	.180	9	.020			
Total	1.131	11				

Multiple Comparisons

Dependent Variable: Bobot Udang (gr)

	(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
LSD	Artemia	Artemia diperkaya	-.394750*	.100131	.003	-.62126	-.16824
		Bioflok	.292250*	.100131	.017	.06574	.51876
	Artemia diperkaya	Artemia Bioflok	.394750*	.100131	.003	.16824	.62126
		Bioflok	.687000*	.100131	.000	.46049	.91351
	Bioflok	Artemia	-.292250*	.100131	.017	-.51876	-.06574
		Artemia diperkaya	-.687000*	.100131	.000	-.91351	-.46049
		Bioflok					

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

Lampiran 2. Uji Statistik Laju Pertumbuhan Harian Udang Jerbung

Test of Homogeneity of Variances

Laju Pertumbuhan Harian Udang (gr)

Levene Statistic	df1	df2	Sig.
.310	2	9	.741

ANOVA

Laju Pertumbuhan Harian Udang (gr)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.002	2	.001	23.691	.000
Within Groups	.000	9	.000		
Total	.003	11			

Multiple Comparisons

Dependent Variable: Laju Pertumbuhan Harian Udang (gr)

	(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
LSD	Artemia	Artemia diperkaya	-.020000*	.005033	.003	-.03139	-.00861
		Bioflok	.014500*	.005033	.018	.00311	.02589
	Artemia diperkaya	Artemia Bioflok	.020000*	.005033	.003	.00861	.03139
		Bioflok	.034500*	.005033	.000	.02311	.04589
	Bioflok	Artemia	-.014500*	.005033	.018	-.02589	-.00311
		Artemia diperkaya	-.034500*	.005033	.000	-.04589	-.02311
		Bioflok					

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

Lampiran 3. Uji Statistik Kelangsungan Hidup Udang Jerbung

Test of Homogeneity of Variances

Kelangsungan Hidup Udang (%)

Levene Statistic	df1	df2	Sig.
.642	2	9	.549

ANOVA

Kelangsungan Hidup Udang (%)

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	401.959	2	200.980	15.136	.001
Within Groups	119.506	9	13.278		
Total	521.465	11			

Multiple Comparisons

Dependent Variable: Kelangsungan Hidup Udang (%)

	(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
LSD	Artemia	Artemia diperkaya	-2.50000	2.57666	.357	-8.3288	3.3288
		Bioflok	10.83500*	2.57666	.002	5.0062	16.6638
	Artemia diperkaya	Artemia Bioflok	2.50000	2.57666	.357	-3.3288	8.3288
		Bioflok	13.33500*	2.57666	.001	7.5062	19.1638
	Bioflok	Artemia	-10.83500*	2.57666	.002	-16.6638	-5.0062
		Artemia diperkaya	-13.33500*	2.57666	.001	-19.1638	-7.5062
		Bioflok					

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

Lampiran 4. Perhitungan Bioflok

Protein pakan = 30%

Karbon = 20,8%

N pakan = 30% : 6,25 = 0,048 = 4,8%

5 gr pakan, jumlah N = 4,8% x 5 gr = 0,24 gr

jumlah C = 20,8% x 5 gr = 1,04 gr

untuk rasio C:N 20, maka:

$$20 = (1,04 + \text{Tambahan C})/0,24$$

$$4,8 = 1,04 + \text{Tambahan C}$$

$$\text{Tambahan C} = 4,8 - 1,04 = 3,76 \text{ gr}$$

Jika kandungan C molase = 19%

$$\text{Maka molase yang ditambahkan} = 3,76 \times 19\% = 0,7144 \text{ gr}$$

Jadi rasio C:N 20 yaitu, 5 gr pakan ditambahkan 0,7144 gr molase.

Lampiran 5. Alat dan Bahan



Wadah plastik



Tabung *imhoff cone*



Lampu



pH meter



Blower



Spektofoto Meter



Akuarium



Pakan



Autoclaff



Wadah kerucut



Molase



Timbangan *digital*