

LAMPIRAN-LAMPIRAN

Lampiran 1. Data Pengamatan Pertumbuhan Berat Rumput Laut *Kappaphycus alvarezii* pada Setiap Perlakuan Selama Penelitian

perlakuan/ ulangan	minggu ke													
	1	2	3	4	5	6	7							
A1	100	100.1	100.2	100.3	100.3	100.4	100.7	110	113	115.5	118.6	120.1	122.5	125.1
A2	100	100.1	100.2	100.2	100.3	100.4	100.6	111	113	115.4	117.5	119.6	122.6	124.5
A3	100	100.2	100.2	100.3	100.4	100.5	100.8	112	116	117.3	119.3	121.3	124.3	125.4
A4	100	100.2	100.3	100.3	100.4	100.5	100.8	113	115	116.2	118.6	120.5	124.3	126.3
A5	100	100.2	100.3	100.3	100.4	100.6	100.9	113	116	118.3	120.1	122.4	125.3	125.5
Rata - Rata	100	100.2	100.24	100.3	100.36	100.5	100.8	112	114	116.5	118.8	120.8	123.8	125.4
B1	125	125.2	125.2	125.3	125.4	125.5	125.7	126	127	127.5	128.2	128.4	129.3	129.6
B2	125	125.1	125.3	125.3	125.4	125.5	125.8	126	127	127.7	128.3	128.5	129.4	129.7
B3	125	125.2	125.3	125.4	125.4	125.6	125.7	126	128	127.7	128.4	128.6	129.2	129.4
B4	125	125.3	125.4	125.4	125.5	125.7	125.8	126	128	127.8	128.5	128.7	129.5	129.7
B5	125	125.3	125.4	125.4	125.5	125.6	125.8	126	128	127.9	128.4	128.5	129.6	129.8
Rata - Rata	125	125.2	125.32	125.4	125.44	125.6	125.8	126	127	127.7	128.4	128.5	129.4	129.6
C1	150	150.2	150.3	150.3	150.4	150.5	150.7	151	160	160.4	160.8	170.3	170.6	170.9
C2	150	150.1	150.2	150.3	150.4	150.4	150.6	151	160	160.5	160.8	170.4	170.7	170.8
C3	150	150.2	1550.3	150.3	150.4	150.6	150.8	151	161	160.7	160.9	170.6	170.8	170.9
C4	150	150.2	150.3	150.3	150.4	150.5	150.7	151	160	160.6	160.8	170.2	170.5	170.7
C5	150	150.3	150.3	150.4	150.5	150.6	150.8	151	160	160.5	160.9	170.5	170.8	170.9
Rata - Rata	150	150.2	430.28	150.3	150.42	150.5	150.7	151	160	160.5	160.8	170.4	170.7	170.8

Keterangan : A = 100 gram

B = 125 gram

C = 150 gram

Lampiran 2. Data Perhitungan Pertumbuhan Relatif Rumput Laut *Kappaphycus alvarezii*

Perlakuan/ Ulangan	Ln Wo	LnWt	Ln wt- Ln Wo /45 x 100	Pertumbuhan Relatif %
A1	100	125.1	0.498	0.498
A2	100	124.5	0.487	0.487
A3	100	125.4	0.503	0.503
A4	100	126.3	0.519	0.519
A5	100	125.5	0.505	0.505
Rata – Rata	100	125.36	0.502	0.502
B1	125	129.6	0.08	0.08
B2	125	129.7	0.082	0.082
B3	125	129.4	0.077	0.077
B4	125	129.7	0.082	0.082
B5	125	129.8	0.084	0.084
Rata – Rata	125	129.64	0.081	0.081
C1	150	170.9	0.29	0.29
C2	150	170.8	0.289	0.289
C3	150	170.9	0.29	0.29
C4	150	170.7	0.287	0.287
C5	150	170.9	0.29	0.29
Rata – Rata	150	170.84	0.289	0.289

Lampiran 3. Rata-Rata Pertumbuhan Relatif (%) Rumput Laut *Kappahycus alvarezii* Pada Setiap Perlakuan.

Ulangan	Perlakuan			Jumlah
	A	B	C	
1	0.498	0.080	0.290	0.868
2	0.487	0.082	0.289	0.858
3	0.503	0.077	0.290	0.870
4	0.519	0.082	0.287	0.888
5	0.505	0.084	0.290	0.878
Total	2.511	0.405	1.445	4.362
Rata"	0.50	0.08	0.29	

Lampiran 4. Analisis Sidik Ragam Pertumbuhan Relatif Rumput Laut *Kappaphycus alvarezi*.

SK	DB	JK	KT	F.Hit	F.Tab
					0.05
Perlakuan	2	0.4552	0.2276	7665.821	3.885
Galat	12	0.0004	0.0000		
Total	14	0.4556			

Lampiran Analisis Sidik Ragam Pertumbuhan Relatif Rumput Laut *Kappaphycus alvarezi* Sebelum Dinormalkan

SK	DB	JK	KT	F.Hit	F.Tab
					0.05
Perlakuan	2	0.4436	0.2218	4669.831**	3.885
Galat	12	0.0006	0.0000		
Total	14	0.4442			

Lampiran 5. Hasil Uji BNT Rumput Laut *Kappaphycus alvarezi*

Perlakuan	Rata-rata	Notasi BNT
A	0.71	c
B	0.28	a
C	0.54	b

Lampiran 6. Data Pertumbuhan Mutlak Rumput Laut *Kappaphycus alvarezii* pada Setiap Perlakuan

Ulangan/ Perlakuan	Berat Awal	Berat Akhir	Pertumbuhan Berat Mutlak
A1	100	125.1	25.1
A2	100	124.5	24.5
A3	100	125.4	25.4
A4	100	126.3	26.3
A5	100	125.5	25.5
Rata – Rata			
B1	125	129.6	4.6
B2	125	129.7	4.7
B3	125	129.4	4.4
B4	125	129.7	4.7
B5	125	129.8	4.8
Rata – Rata			
C1	150	170.9	20.9
C2	150	170.8	20.8
C3	150	170.9	20.9
C4	150	170.7	20.7
C5	150	170.9	20.9
Rata – Rata			

Lampiran 7. Rata-Rata Pertumbuhan Berat Mutlak Rumput Laut *Kappaphycus alvarezii*

Ulangan	Perlakuan			Jumlah
	A	B	C	
1	25.1	4.6	20.9	50.6
2	24.5	4.7	20.8	50
3	25.4	4.4	20.9	50.7
4	26.3	4.7	20.7	51.7
5	25.5	4.8	20.9	51.2
Total	126.8	23.2	104.2	254.2
Rata"	25.36	4.64	20.84	

Lampiran 8. Hasil Analisis Sidik Ragam Pertumbuhan Berat Mutlak Rumpuk Laut *Kappaphycus alvarezii*.

SK	DB	JK	KT	F.hit	F.Tab
					0.05
Perlakuan	2	23.8994	11.9497	6445.793**	3.885
Galat	12	0.0222	0.0019		
Total	14	23.9217			

Hasil Analisis Sidik Ragam Pertumbuhan Berat Mutlak Rumpuk Laut *Kappaphycus alvarezii* Sebelum Dinormalkan.

SK	DB	JK	KT	F.hit	F.Tab
					0.05
Perlakuan	2	1186.9813	593.4907	3879.024	3.885
Galat	12	1.8360	0.1530		
Total	14	1188.8173			

Lampiran.9. Hasil Uji BNT Rumpuk Laut *Kappaphycus alvarezii*

Perlakuan	Rata-rata	Notasi BNT
A	5.04	c
B	2.15	a
C	4.57	b

Lampiran 10. Dokumentasi Penelitian



Pengontrolan Rumput Laut *Kappaphycus alvarezii*





Penimbangan Bibit Rumput Laut *Kappaphycus alvarezii*



Pengkuran Parameter Kualitas Air