

## DAFTAR PUSTAKA

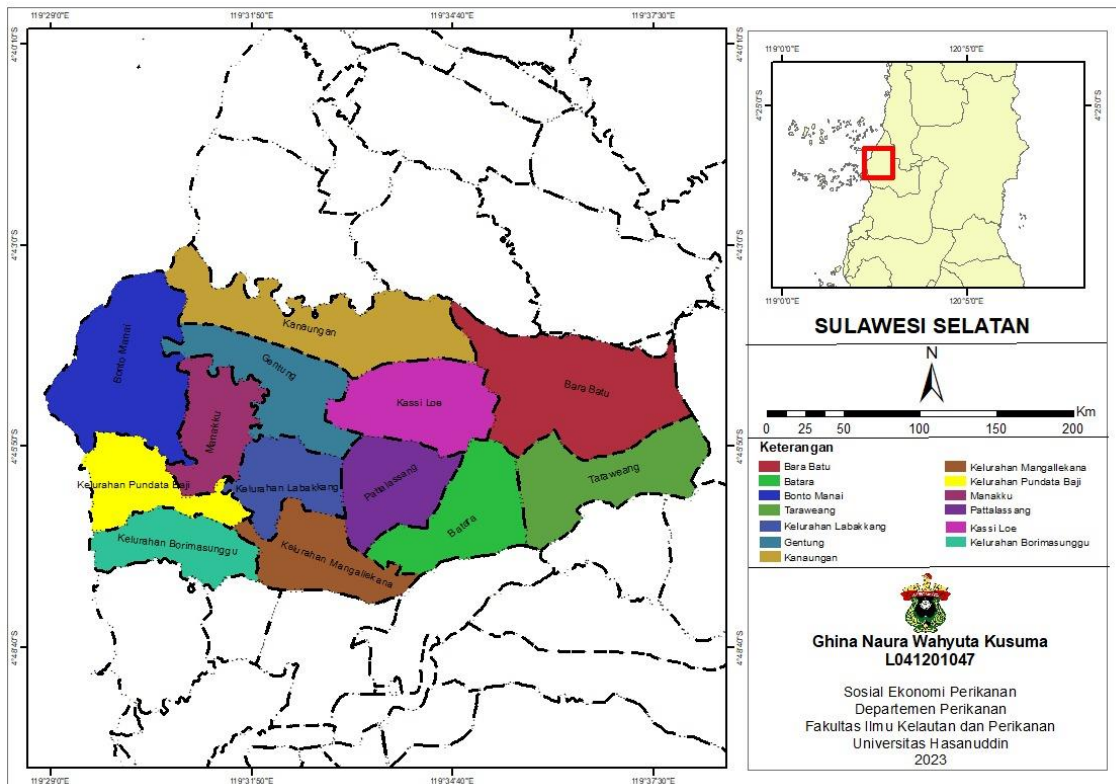
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## Lampiran 1. Peta Lokasi Penelitian



## Lampiran 2. Kuisisioner Penelitian

No. Responden:



**“ Kelayakan Usaha Budidaya Rumput Laut *kappaphycus striatum*  
dan *kappaphycus alvarezii* Di Kelurahan Pundata Baji, Kecamatan Labakkang,  
Kabupaten Pangkep”**

### I. Identitas Responden:

1. Nama :
2. Umur : Tahun
3. Pendidikan :
4. Pekerjaan Utama :
5. Jumlah Tanggungan : Orang
6. Pengalaman Kerja : Tahun
7. Jumlah Bentangan :

### II. Keadaan Usaha Budidaya Rumput Laut

#### 1. Biaya Tetap (*Fixed Cost*)

##### Biaya Investasi

No.	Jenis	Jumlah	Ukuran	Harga Satuan (Rp)	Total (Rp)	Umur Ekonomis (Tahun)
1.	Perahu					
2.	Mesin					
3.	Tali Utama Uk 10					
4.	Tali Sedang Uk 8					
5.	Tali Kecil Uk 1					
6.	Tali Uk 4					
7.	Botol Kecil					
8.	Botol Besar					
9.	Jergen					
10.	Bambu					

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**2. Biaya Tidak Tetap (*Variabel Cost*)**

**Biaya Operasioanl Budidaya Rumput Laut**

No.	Jenis Biaya	Jumlah	Satuan	Harga (Rp)	Keterangan
1.	BBM • Bensin				
2.	Tenaga kerja • Panen • Bibit				
3.	Bibit • <i>Kappaphycus striatum</i>				
	• <i>Kappaphycus alvarezii</i>				
4.	Konsumsi				

**III. Penerimaan Rumput Laut *Kappaphycus striatum***

NO.	Jumlah Produksi	Harga (Rp/ Kg)	Total Harga
1.			
2.			

**IV. Penerimaan Rumput Laut *Kappaphycus alvarezii***

NO.	Jumlah Produksi	Harga (Rp/ Kg)	Total Harga
1.			
2.			

**Lampiran 3. Data Responden**

NO.	Nama	Umur	Pendidikan	Pengalaman Kerja (Tahun)	Jumlah Tanggungan (Orang)
1.	Nasir	35	SD	13	4
2.	Nasrul	30	SMP	10	3
3.	Sahir	35	SD	9	4
4.	Amiruddin	30	SD	12	4
5.	Ansar	39	SD	20	3
6.	Samsuddin	40	SD	20	4
7.	Kamma	30	SD	9	3
8.	Ramlah	45	SD	15	3
9.	Asbadi	40	SMP	1	3
10.	Amir S	37	SD	15	3
11.	Sabang	30	SD	7	3
12.	Ridwan	45	SD	8	2
13.	Safar	16	SD	2	-
14.	Muh Fadli	20	SD	10	1
15.	Muh Risal	24	SMA	1	-
16.	Suwardi	23	SD	3	2
17.	Dodu	42	SD	3	3
18.	Arif	24	SD	8	-
19.	Idris	40	SMA	15	3
20.	Sangkala	40	SD	10	3
21.	Abdullah	45	SMA	10	3
22.	Tuwo	43	SD	8	-
23.	Bakri	32	SD	5	3



#### Lampiran 4. Total Investasi

Responden	Perahu			Mesin			Tali pondasi 10			Tali Jangkar 8			Tali Sedang 4			Tali kecil 1		
	Jumlah	Harga Unit	Total	Jumlah	Harga Unit	Total	Jumlah ( Roll)	Harga Roll	Total	Jumlah ( Roll)	Harga Roll	Total	Jumlah Roll	Harga Roll	Total	Jumlah Roll	Harga Unit	Total
1	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	5	600.000,00	3.000.000,00	15	250.000,00	3.750.000,00	58	65.000,00	3.770.000,00	50	70.000,00	3.500.000,00
2	1	7.000.000,00	7.000.000,00	1	4.500.000,00	4.500.000,00	5	600.000,00	3.000.000,00	16	250.000,00	4.000.000,00	40	65.000,00	2.600.000,00	32	70.000,00	2.240.000,00
3	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	5	600.000,00	3.000.000,00	10	250.000,00	2.500.000,00	40	65.000,00	2.600.000,00	32	70.000,00	2.240.000,00
4	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	4	600.000,00	2.400.000,00	10	250.000,00	2.500.000,00	32	65.000,00	2.080.000,00	24	70.000,00	1.680.000,00
5	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	5	600.000,00	3.000.000,00	30	250.000,00	7.500.000,00	100	65.000,00	6.500.000,00	90	70.000,00	6.300.000,00
6	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	5	600.000,00	3.000.000,00	10	250.000,00	2.500.000,00	30	65.000,00	1.950.000,00	25	70.000,00	1.750.000,00
7	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	5	600.000,00	3.000.000,00	10	250.000,00	2.500.000,00	80	65.000,00	5.200.000,00	75	70.000,00	5.250.000,00
8	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	5	600.000,00	3.000.000,00	10	250.000,00	2.500.000,00	23	65.000,00	1.495.000,00	20	70.000,00	1.400.000,00
9	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	3	600.000,00	1.800.000,00	5	250.000,00	1.250.000,00	12	65.000,00	780.000,00	9	70.000,00	630.000,00
10	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	5	600.000,00	3.000.000,00	10	250.000,00	2.500.000,00	78	65.000,00	5.070.000,00	60	70.000,00	4.200.000,00
11	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	5	600.000,00	3.000.000,00	10	250.000,00	2.500.000,00	55	65.000,00	3.575.000,00	45	70.000,00	3.150.000,00
12	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	5	600.000,00	3.000.000,00	10	250.000,00	2.500.000,00	55	65.000,00	3.575.000,00	45	70.000,00	3.150.000,00
13	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	5	600.000,00	3.000.000,00	10	250.000,00	2.500.000,00	12	65.000,00	780.000,00	9	70.000,00	630.000,00
14	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	5	600.000,00	3.000.000,00	10	250.000,00	2.500.000,00	55	65.000,00	3.575.000,00	45	70.000,00	3.150.000,00
15	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	5	600.000,00	3.000.000,00	5	250.000,00	1.250.000,00	32	65.000,00	2.080.000,00	28	70.000,00	1.960.000,00
16	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	4	600.000,00	2.400.000,00	10	250.000,00	2.500.000,00	28	65.000,00	1.820.000,00	20	70.000,00	1.400.000,00
17	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	4	600.000,00	2.400.000,00	10	250.000,00	2.500.000,00	28	65.000,00	1.820.000,00	20	70.000,00	1.400.000,00
18	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	6	600.000,00	3.600.000,00	10	250.000,00	2.500.000,00	66	65.000,00	4.290.000,00	58	70.000,00	4.060.000,00
19	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	5	600.000,00	3.000.000,00	10	250.000,00	2.500.000,00	23	65.000,00	1.495.000,00	20	70.000,00	1.400.000,00
20	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	5	600.000,00	3.000.000,00	10	250.000,00	2.500.000,00	55	65.000,00	3.575.000,00	45	70.000,00	3.150.000,00
21	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	5	600.000,00	3.000.000,00	10	250.000,00	2.500.000,00	23	65.000,00	1.495.000,00	20	70.000,00	1.400.000,00
22	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	5	600.000,00	3.000.000,00	10	250.000,00	2.500.000,00	17	65.000,00	1.105.000,00	15	70.000,00	1.050.000,00
23	1	5.000.000,00	5.000.000,00	1	4.500.000,00	4.500.000,00	5	600.000,00	3.000.000,00	10	250.000,00	2.500.000,00	45	65.000,00	2.925.000,00	35	70.000,00	2.450.000,00
<b>Total</b>	<b>23</b>		<b>117.000.000,00</b>			<b>103.500.000,00</b>			<b>66.600.000,00</b>			<b>62.750.000,00</b>			<b>64.155.000,00</b>			<b>57.540.000,00</b>
<b>Rata-rata</b>			<b>5.086.956,52</b>			<b>4.500.000,00</b>			<b>2.895.652,17</b>			<b>2.728.260,87</b>			<b>2.789.347,83</b>			<b>2.501.739,13</b>

### Lanjutan Lampiran 4 Total Investasi

Responden	Botol Besar			Botol Kecil			Jergen			Bambu		
	Jumlah	Harga Unit	Total	Jumlah	Harga Unit	Total	Jumlah	Harga Unit	Total	Jumlah	Harga Unit	Total
1	200	300,00	60.000,00	1000	200,00	200.000,00	20	5.000,00	100.000,00	70	25.000,00	1.750.000,00
2	300	300,00	90.000,00	1000	200,00	200.000,00	20	5.000,00	100.000,00	70	25.000,00	1.750.000,00
3	300	300,00	90.000,00	500	200,00	100.000,00	30	5.000,00	150.000,00	70	25.000,00	1.750.000,00
4	500	300,00	150.000,00	2000	200,00	400.000,00	40	5.000,00	200.000,00	70	25.000,00	1.750.000,00
5	800	300,00	240.000,00	2000	200,00	400.000,00	100	5.000,00	500.000,00	100	25.000,00	2.500.000,00
6	100	300,00	30.000,00	300	200,00	60.000,00	20	5.000,00	100.000,00	50	25.000,00	1.250.000,00
7	1000	300,00	300.000,00	3000	200,00	600.000,00	100	5.000,00	500.000,00	100	25.000,00	2.500.000,00
8	500	300,00	150.000,00	600	200,00	120.000,00	30	5.000,00	150.000,00	50	25.000,00	1.250.000,00
9	200	300,00	60.000,00	400	200,00	80.000,00	20	5.000,00	100.000,00	50	25.000,00	1.250.000,00
10	1000	300,00	300.000,00	5000	200,00	1.000.000,00	100	5.000,00	500.000,00	80	25.000,00	2.000.000,00
11	500	300,00	150.000,00	600	200,00	120.000,00	100	5.000,00	500.000,00	50	25.000,00	1.250.000,00
12	500	300,00	150.000,00	600	200,00	120.000,00	100	5.000,00	500.000,00	50	25.000,00	1.250.000,00
13	200	300,00	60.000,00	400	200,00	80.000,00	20	5.000,00	100.000,00	50	25.000,00	1.250.000,00
14	500	300,00	150.000,00	1000	200,00	200.000,00	20	5.000,00	100.000,00	50	25.000,00	1.250.000,00
15	500	300,00	150.000,00	1000	200,00	200.000,00	50	5.000,00	250.000,00	50	25.000,00	1.250.000,00
16	500	300,00	150.000,00	700	200,00	140.000,00	50	5.000,00	250.000,00	50	25.000,00	1.250.000,00
17	500	300,00	150.000,00	700	200,00	140.000,00	50	5.000,00	250.000,00	50	25.000,00	1.250.000,00
18	500	300,00	150.000,00	700	200,00	140.000,00	50	5.000,00	250.000,00	50	25.000,00	1.250.000,00
19	500	300,00	150.000,00	700	200,00	140.000,00	50	5.000,00	250.000,00	50	25.000,00	1.250.000,00
20	500	300,00	150.000,00	700	200,00	140.000,00	50	5.000,00	250.000,00	50	25.000,00	1.250.000,00
21	500	300,00	150.000,00	700	200,00	140.000,00	50	5.000,00	250.000,00	50	25.000,00	1.250.000,00
22	500	300,00	150.000,00	700	200,00	140.000,00	50	5.000,00	250.000,00	50	25.000,00	1.250.000,00
23	500	300,00	150.000,00	700	200,00	140.000,00	50	5.000,00	250.000,00	50	25.000,00	1.250.000,00
<b>Total</b>	<b>23</b>		<b>3.330.000,00</b>			<b>5.000.000,00</b>			<b>5.850.000,00</b>			<b>34.000.000,00</b>
<b>Rata-Rata</b>			<b>144.782,61</b>			<b>217.391,30</b>			<b>254.347,83</b>			<b>1.478.260,87</b>

## Lampiran 5. Penyusutan Investasi

Responden	Perahu			Siklus	Mesin			Siklus
	Harga Unit	Lama Pakai ( Tahun )	Penyusutan / Tahun		Harga Unit	Lama Pakai ( Tahun )	Penyusutan / Tahun	
1	5,000,000.00	10	500,000.00	83,333.33	4,500,000.00	10	450,000.00	75,000.00
2	7,000,000.00	10	700,000.00	116,666.67	4,500,000.00	5	900,000.00	150,000.00
3	5,000,000.00	10	500,000.00	83,333.33	4,500,000.00	10	450,000.00	75,000.00
4	5,000,000.00	10	500,000.00	83,333.33	4,500,000.00	3	1,500,000.00	250,000.00
5	5,000,000.00	15	333,333.33	55,555.56	4,500,000.00	5	900,000.00	150,000.00
6	5,000,000.00	10	500,000.00	83,333.33	4,500,000.00	7	642,857.14	107,142.86
7	5,000,000.00	9	555,555.56	92,592.59	4,500,000.00	9	500,000.00	83,333.33
8	5,000,000.00	10	500,000.00	83,333.33	4,500,000.00	10	450,000.00	75,000.00
9	5,000,000.00	10	500,000.00	83,333.33	-	0	-	-
10	5,000,000.00	7	714,285.71	119,047.62	4,500,000.00	7	642,857.14	107,142.86
11	5,000,000.00	7	714,285.71	119,047.62	4,500,000.00	7	642,857.14	107,142.86
12	5,000,000.00	7	714,285.71	119,047.62	4,500,000.00	7	642,857.14	107,142.86
13	5,000,000.00	7	714,285.71	119,047.62	4,500,000.00	7	642,857.14	107,142.86
14	5,000,000.00	10	500,000.00	83,333.33	4,500,000.00	5	900,000.00	150,000.00
15	5,000,000.00	1	5,000,000.00	833,333.33	4,500,000.00	1	4,500,000.00	750,000.00
16	5,000,000.00	5	1,000,000.00	166,666.67	4,500,000.00	5	900,000.00	150,000.00
17	5,000,000.00	5	1,000,000.00	166,666.67	4,500,000.00	5	900,000.00	150,000.00
18	5,000,000.00	5	1,000,000.00	166,666.67	4,500,000.00	5	900,000.00	150,000.00
19	5,000,000.00	5	1,000,000.00	166,666.67	4,500,000.00	5	900,000.00	150,000.00
20	5,000,000.00	5	1,000,000.00	166,666.67	4,500,000.00	5	900,000.00	150,000.00
21	5,000,000.00	5	1,000,000.00	166,666.67	4,500,000.00	5	900,000.00	150,000.00
22	5,000,000.00	5	1,000,000.00	166,666.67	4,500,000.00	5	900,000.00	150,000.00
23	5,000,000.00	5	1,000,000.00	166,666.67	4,500,000.00	5	900,000.00	150,000.00
<b>Total</b>	<b>117,000,000.00</b>	<b>173</b>	<b>20,946,031.75</b>	<b>3,491,005.29</b>	<b>99,000,000.00</b>	<b>133</b>	<b>20,964,285.71</b>	<b>3,494,047.62</b>
<b>Rata-Rata</b>	<b>5,086,956.52</b>	<b>7.52173913</b>	<b>910,697.03</b>	<b>151,782.84</b>	<b>4,304,347.83</b>	<b>5.78</b>	<b>911,490.68</b>	<b>151,915.11</b>

## Lanjutan Lampiran 5 Penyusutan

Tali pondasi 10				Tali Jangkar 8				Tali Sedang 4			
Total	Lama Pakai ( Tahun )	Penyusutan / Tahun	Siklus	Total	Lama Pakai ( Tahun )	Penyusutan / Tahun	Siklus	Total	Lama Pakai ( Tahun )	Penyusutan / Tahun	Siklus
3,000,000.00	10	300,000.00	50,000.00	3,750,000.00	10	375,000.00	62,500.00	3,770,000.00	5	754,000.00	125,666.67
3,000,000.00	10	300,000.00	50,000.00	4,000,000.00	10	400,000.00	66,666.67	2,600,000.00	5	520,000.00	86,666.67
3,000,000.00	10	300,000.00	50,000.00	2,500,000.00	10	250,000.00	41,666.67	2,600,000.00	5	520,000.00	86,666.67
2,400,000.00	10	240,000.00	40,000.00	2,500,000.00	10	250,000.00	41,666.67	2,080,000.00	5	416,000.00	69,333.33
3,000,000.00	10	300,000.00	50,000.00	7,500,000.00	10	750,000.00	125,000.00	6,500,000.00	5	1,300,000.00	216,666.67
3,000,000.00	10	300,000.00	50,000.00	2,500,000.00	10	250,000.00	41,666.67	1,950,000.00	5	390,000.00	65,000.00
3,000,000.00	10	300,000.00	50,000.00	2,500,000.00	10	250,000.00	41,666.67	5,200,000.00	5	1,040,000.00	173,333.33
3,000,000.00	10	300,000.00	50,000.00	2,500,000.00	10	250,000.00	41,666.67	1,495,000.00	5	299,000.00	49,833.33
1,800,000.00	10	180,000.00	30,000.00	1,250,000.00	10	125,000.00	20,833.33	780,000.00	5	156,000.00	26,000.00
3,000,000.00	10	300,000.00	50,000.00	2,500,000.00	10	250,000.00	41,666.67	5,070,000.00	5	1,014,000.00	169,000.00
3,000,000.00	10	300,000.00	50,000.00	2,500,000.00	10	250,000.00	41,666.67	3,575,000.00	5	715,000.00	119,166.67
3,000,000.00	10	300,000.00	50,000.00	2,500,000.00	10	250,000.00	41,666.67	3,575,000.00	5	715,000.00	119,166.67
3,000,000.00	10	300,000.00	50,000.00	2,500,000.00	10	250,000.00	41,666.67	780,000.00	5	156,000.00	26,000.00
3,000,000.00	10	300,000.00	50,000.00	2,500,000.00	10	250,000.00	41,666.67	3,575,000.00	5	715,000.00	119,166.67
3,000,000.00	10	300,000.00	50,000.00	1,250,000.00	10	125,000.00	20,833.33	2,080,000.00	5	416,000.00	69,333.33
2,400,000.00	10	240,000.00	40,000.00	2,500,000.00	10	250,000.00	41,666.67	1,820,000.00	5	364,000.00	60,666.67
2,400,000.00	10	240,000.00	40,000.00	2,500,000.00	10	250,000.00	41,666.67	1,820,000.00	5	364,000.00	60,666.67
3,600,000.00	10	360,000.00	60,000.00	2,500,000.00	10	250,000.00	41,666.67	4,290,000.00	5	858,000.00	143,000.00
3,000,000.00	10	300,000.00	50,000.00	2,500,000.00	10	250,000.00	41,666.67	1,495,000.00	5	299,000.00	49,833.33
3,000,000.00	10	300,000.00	50,000.00	2,500,000.00	10	250,000.00	41,666.67	1,495,000.00	5	299,000.00	49,833.33
3,000,000.00	10	300,000.00	50,000.00	2,500,000.00	10	250,000.00	41,666.67	1,495,000.00	5	299,000.00	49,833.33
3,000,000.00	10	300,000.00	50,000.00	2,500,000.00	10	250,000.00	41,666.67	1,105,000.00	5	221,000.00	36,833.33
3,000,000.00	10	300,000.00	50,000.00	2,500,000.00	10	250,000.00	41,666.67	2,925,000.00	5	585,000.00	97,500.00
<b>66,600,000.00</b>	<b>230</b>	<b>6,660,000.00</b>	<b>1,110,000.00</b>	<b>62,750,000.00</b>	<b>230</b>	<b>6,275,000.00</b>	<b>1,045,833.33</b>	<b>62,075,000.00</b>	<b>115</b>	<b>12,415,000.00</b>	<b>2,069,166.67</b>
<b>2,895,652.17</b>	<b>10</b>	<b>289,565.22</b>	<b>48,260.87</b>	<b>2,728,260.87</b>	<b>10</b>	<b>272,826.09</b>	<b>45,471.01</b>	<b>2,698,913.04</b>	<b>5</b>	<b>539,782.61</b>	<b>89,963.77</b>

**Lanjutan Lampiran 5**

Tali kecil 1				Botol Besar					Botol Kecil		
Total	Lama Pakai ( Tahun )	Penyusutan / Tahun	Siklus	Total	Lama Pakai ( Tahun )	Penyusutan / Tahun	Siklus	Total	Lama Pakai ( Tahun )	Penyusutan / Tahun	
3,500,000.00	5	700,000.00	116,666.67	60,000.00	2	30,000.00	5,000.00	200,000.00	2	100,000.00	
2,240,000.00	5	448,000.00	74,666.67	90,000.00	2	45,000.00	7,500.00	200,000.00	2	100,000.00	
2,240,000.00	5	448,000.00	74,666.67	90,000.00	2	45,000.00	7,500.00	100,000.00	2	50,000.00	
1,680,000.00	5	336,000.00	56,000.00	150,000.00	2	75,000.00	12,500.00	400,000.00	2	200,000.00	
6,300,000.00	5	1,260,000.00	210,000.00	240,000.00	2	120,000.00	20,000.00	400,000.00	2	200,000.00	
1,750,000.00	5	350,000.00	58,333.33	30,000.00	2	15,000.00	2,500.00	60,000.00	2	30,000.00	
5,250,000.00	5	1,050,000.00	175,000.00	300,000.00	2	150,000.00	25,000.00	600,000.00	2	300,000.00	
1,400,000.00	5	280,000.00	46,666.67	150,000.00	2	75,000.00	12,500.00	120,000.00	2	60,000.00	
630,000.00	5	126,000.00	21,000.00	60,000.00	2	30,000.00	5,000.00	80,000.00	2	40,000.00	
4,200,000.00	5	840,000.00	140,000.00	300,000.00	2	150,000.00	25,000.00	1,000,000.00	2	500,000.00	
3,150,000.00	5	630,000.00	105,000.00	150,000.00	2	75,000.00	12,500.00	120,000.00	2	60,000.00	
3,150,000.00	5	630,000.00	105,000.00	150,000.00	2	75,000.00	12,500.00	120,000.00	2	60,000.00	
630,000.00	5	126,000.00	21,000.00	60,000.00	2	30,000.00	5,000.00	80,000.00	2	40,000.00	
3,150,000.00	5	630,000.00	105,000.00	150,000.00	2	75,000.00	12,500.00	200,000.00	2	100,000.00	
1,960,000.00	5	392,000.00	65,333.33	150,000.00	2	75,000.00	12,500.00	200,000.00	2	100,000.00	
1,400,000.00	5	280,000.00	46,666.67	150,000.00	2	75,000.00	12,500.00	140,000.00	2	70,000.00	
1,400,000.00	5	280,000.00	46,666.67	150,000.00	2	75,000.00	12,500.00	140,000.00	2	70,000.00	
4,060,000.00	5	812,000.00	135,333.33	150,000.00	2	75,000.00	12,500.00	140,000.00	2	70,000.00	
1,400,000.00	5	280,000.00	46,666.67	150,000.00	2	75,000.00	12,500.00	140,000.00	2	70,000.00	
3,150,000.00	5	630,000.00	105,000.00	150,000.00	2	75,000.00	12,500.00	140,000.00	2	70,000.00	
1,400,000.00	5	280,000.00	46,666.67	150,000.00	2	75,000.00	12,500.00	140,000.00	2	70,000.00	
1,050,000.00	5	210,000.00	35,000.00	150,000.00	2	75,000.00	12,500.00	140,000.00	2	70,000.00	
2,450,000.00	5	490,000.00	81,666.67	150,000.00	2	75,000.00	12,500.00	140,000.00	2	70,000.00	
<b>57,540,000.00</b>	<b>115</b>	<b>11,508,000.00</b>	<b>1,918,000.00</b>	<b>3,330,000.00</b>	<b>46</b>	<b>1,665,000.00</b>	<b>277,500.00</b>	<b>5,000,000.00</b>	<b>46</b>	<b>2,500,000.00</b>	
<b>2,501,739.13</b>	<b>5</b>	<b>500,347.83</b>	<b>83,391.30</b>	<b>144,782.61</b>	<b>2</b>	<b>72,391.30</b>	<b>12,065.22</b>	<b>217,391.30</b>	<b>2</b>	<b>108,695.65</b>	

Lanjutan Lampiran 5

Jergen				Bambu			
Total	Lama Pakai ( Tahun )	Penyusutan / Tahun	Siklus	Total	Lama Pakai ( Tahun )	Penyusutan / Tahun	Siklus
100,000.00	2	50,000.00	8,333.33	1,750,000.00	10	175,000.00	29,166.67
100,000.00	2	50,000.00	8,333.33	1,750,000.00	10	175,000.00	29,166.67
150,000.00	2	75,000.00	12,500.00	1,750,000.00	10	175,000.00	29,166.67
200,000.00	2	100,000.00	16,666.67	1,750,000.00	10	175,000.00	29,166.67
500,000.00	2	250,000.00	41,666.67	2,500,000.00	10	250,000.00	41,666.67
100,000.00	2	50,000.00	8,333.33	1,250,000.00	10	125,000.00	20,833.33
500,000.00	2	250,000.00	41,666.67	2,500,000.00	10	250,000.00	41,666.67
150,000.00	2	75,000.00	12,500.00	1,250,000.00	10	125,000.00	20,833.33
100,000.00	2	50,000.00	8,333.33	1,250,000.00	10	125,000.00	20,833.33
500,000.00	2	250,000.00	41,666.67	2,000,000.00	10	200,000.00	33,333.33
500,000.00	2	250,000.00	41,666.67	1,250,000.00	10	125,000.00	20,833.33
500,000.00	2	250,000.00	41,666.67	1,250,000.00	10	125,000.00	20,833.33
100,000.00	2	50,000.00	8,333.33	1,250,000.00	10	125,000.00	20,833.33
100,000.00	2	50,000.00	8,333.33	1,250,000.00	10	125,000.00	20,833.33
250,000.00	2	125,000.00	20,833.33	1,250,000.00	10	125,000.00	20,833.33
250,000.00	2	125,000.00	20,833.33	1,250,000.00	10	125,000.00	20,833.33
250,000.00	2	125,000.00	20,833.33	1,250,000.00	10	125,000.00	20,833.33
250,000.00	2	125,000.00	20,833.33	1,250,000.00	10	125,000.00	20,833.33
250,000.00	2	125,000.00	20,833.33	1,250,000.00	10	125,000.00	20,833.33
250,000.00	2	125,000.00	20,833.33	1,250,000.00	10	125,000.00	20,833.33
250,000.00	2	125,000.00	20,833.33	1,250,000.00	10	125,000.00	20,833.33
250,000.00	2	125,000.00	20,833.33	1,250,000.00	10	125,000.00	20,833.33
250,000.00	2	125,000.00	20,833.33	1,250,000.00	10	125,000.00	20,833.33
5,850,000.00	46	2,925,000.00	487,500.00	34,000,000.00	230	3,400,000.00	566,666.67
254,347.83	2	127,173.91	21,195.65	1,478,260.87	10	147,826.09	24,637.68

**Lampiran 6. Biaya Variabel Siklus I**  
*kappaphycus striatum* dan *kappaphycus alvarezii*

Responden	Bibit KS			Bibit KA			Bensin			Upah Tenaga Kerja			Konsumsi
	Jumlah (Kg)	Harga (Rp)	Total (Rp)	Jumlah (kg)	Harga (Rp)	Total (Rp)	Jumlah (Liter)	Harga (Rp)	Total (Rp)	Bentangan	Harga (Rp)	Total (RP)	Total
1	300	7,000.00	2,100,000.00	400	7,000.00	2,800,000.00	5	12,000.00	60,000.00	200	5,000.00	1,000,000.00	100,000.00
2	300	7,000.00	2,100,000.00	300	7,000.00	2,100,000.00	10	12,000.00	120,000.00	350	5,000.00	1,750,000.00	100,000.00
3	300	7,000.00	2,100,000.00	300	7,000.00	2,100,000.00	5	12,000.00	60,000.00	150	5,000.00	750,000.00	200,000.00
4	500	7,000.00	3,500,000.00	300	7,000.00	2,100,000.00	5	12,000.00	60,000.00	300	5,000.00	1,500,000.00	300,000.00
5	300	7,000.00	2,100,000.00	600	7,000.00	4,200,000.00	15	12,000.00	180,000.00	500	5,000.00	2,500,000.00	1,000,000.00
6	500	7,000.00	3,500,000.00	300	7,000.00	2,100,000.00	5	12,000.00	60,000.00	300	5,000.00	1,500,000.00	200,000.00
7	100	7,000.00	700,000.00	600	7,000.00	4,200,000.00	10	12,000.00	120,000.00	500	5,000.00	2,500,000.00	100,000.00
8	200	8,000.00	1,600,000.00	100	7,000.00	700,000.00	5	12,000.00	60,000.00	200	5,000.00	1,000,000.00	100,000.00
9	500	7,000.00	3,500,000.00	200	7,000.00	1,400,000.00	0	-	-	100	5,000.00	500,000.00	50,000.00
10	500	8,000.00	4,000,000.00	500	7,000.00	3,500,000.00	15	12,000.00	180,000.00	400	5,000.00	2,000,000.00	100,000.00
11	500	5,000.00	2,500,000.00	500	7,000.00	3,500,000.00	5	12,000.00	60,000.00	500	5,000.00	2,500,000.00	50,000.00
12	100	7,000.00	700,000.00	500	7,000.00	3,500,000.00	5	12,000.00	60,000.00	200	5,000.00	1,000,000.00	100,000.00
13	100	7,000.00	700,000.00	100	7,000.00	700,000.00	5	12,000.00	60,000.00	50	5,000.00	250,000.00	100,000.00
14	200	7,000.00	1,400,000.00	200	7,000.00	1,400,000.00	5	12,000.00	60,000.00	300	5,000.00	1,500,000.00	100,000.00
15	300	7,000.00	2,100,000.00	200	7,000.00	1,400,000.00	3	12,000.00	36,000.00	100	5,000.00	500,000.00	100,000.00
16	300	7,000.00	2,100,000.00	200	7,000.00	1,400,000.00	5	12,000.00	60,000.00	100	5,000.00	500,000.00	100,000.00
17	300	7,000.00	2,100,000.00	500	7,000.00	3,500,000.00	5	12,000.00	60,000.00	400	5,000.00	2,000,000.00	100,000.00
18	500	7,000.00	3,500,000.00	200	7,000.00	1,400,000.00	5	12,000.00	60,000.00	200	5,000.00	1,000,000.00	100,000.00
19	300	7,000.00	2,100,000.00	200	7,000.00	1,400,000.00	5	12,000.00	60,000.00	200	5,000.00	1,000,000.00	100,000.00
20	300	7,000.00	2,100,000.00	200	7,000.00	1,400,000.00	5	12,000.00	60,000.00	300	5,000.00	1,500,000.00	100,000.00
21	300	7,000.00	2,100,000.00	200	7,000.00	1,400,000.00	5	12,000.00	60,000.00	150	5,000.00	750,000.00	100,000.00
22	300	7,000.00	2,100,000.00	200	7,000.00	1,400,000.00	5	12,000.00	60,000.00	150	5,000.00	750,000.00	100,000.00
23	300	7,000.00	2,100,000.00	200	7,000.00	1,400,000.00	5	12,000.00	60,000.00	200	5,000.00	1,000,000.00	100,000.00
<b>Total</b>	<b>7300</b>	<b>161,000.00</b>	<b>50,800,000.00</b>	<b>7000</b>	<b>161,000.00</b>	<b>49,000,000.00</b>	<b>138.00</b>	<b>264,000.00</b>	<b>1,656,000.00</b>	<b>5850</b>	<b>115,000.00</b>	<b>29,250,000.00</b>	<b>3,500,000.00</b>
<b>Rata-Rata</b>	<b>317.3913043</b>	<b>7,000.00</b>	<b>2,208,695.65</b>	<b>304.35</b>	<b>7,000.00</b>	<b>2,130,434.78</b>	<b>6</b>	<b>11478.26087</b>	<b>72000</b>	<b>254.3478261</b>	<b>5000</b>	<b>1,271,739.13</b>	<b>152,173.91</b>

**Lampiran 6. Biaya Variabel Siklus II**  
*kappaphycus striatum* dan *kappaphycus alvarezii*

Responden	Bibit KS			Bibit KA			Bensin			Upah Tenaga Kerja			Konsumsi
	Jumlah (Kg)	Harga (Rp)	Total (Rp)	Jumlah (Kg)	Harga (Rp)	Total (Rp)	Jumlah (Liter)	Harga (Rp)	Total (Rp)	Jumlah Bentangan (Unit)	Harga (Rp)	Total (Rp)	Total
1	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	300	5,000.00	1,500,000.00	100,000.00
2	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	10	12,000.00	120,000.00	300	5,000.00	1,500,000.00	100,000.00
3	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	200	5,000.00	1,000,000.00	200,000.00
4	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	320	5,000.00	1,600,000.00	300,000.00
5	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	15	12,000.00	180,000.00	500	5,000.00	2,500,000.00	1,000,000.00
6	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	300	5,000.00	1,500,000.00	200,000.00
7	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	10	12,000.00	120,000.00	500	5,000.00	2,500,000.00	100,000.00
8	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	200	5,000.00	1,000,000.00	100,000.00
9	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	0	-	-	100	5,000.00	500,000.00	50,000.00
10	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	15	12,000.00	180,000.00	500	5,000.00	2,500,000.00	100,000.00
11	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	500	5,000.00	2,500,000.00	50,000.00
12	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	200	5,000.00	1,000,000.00	100,000.00
13	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	100	5,000.00	500,000.00	100,000.00
14	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	250	5,000.00	1,250,000.00	100,000.00
15	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	3	12,000.00	36,000.00	200	5,000.00	1,000,000.00	100,000.00
16	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	200	5,000.00	1,000,000.00	100,000.00
17	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	250	5,000.00	1,250,000.00	100,000.00
18	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	300	5,000.00	1,500,000.00	100,000.00
19	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	200	5,000.00	1,000,000.00	100,000.00
20	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	250	5,000.00	1,250,000.00	100,000.00
21	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	150	5,000.00	750,000.00	100,000.00
22	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	200	5,000.00	1,000,000.00	100,000.00
23	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	200	5,000.00	1,000,000.00	100,000.00
<b>Total</b>	<b>4600</b>	<b>161,000.00</b>	<b>32,200,000.00</b>	<b>3,450.00</b>	<b>161,000.00</b>	<b>24,150,000.00</b>	<b>138.00</b>	<b>264,000.00</b>	<b>1,656,000.00</b>	<b>6,220.00</b>	<b>115,000.00</b>	<b>31,100,000.00</b>	<b>3,500,000.00</b>
<b>Rata-Rata</b>	<b>200</b>	<b>7,000.00</b>	<b>1,400,000.00</b>	<b>150</b>	<b>7,000.00</b>	<b>1,050,000.00</b>	<b>6</b>	<b>11,478.26</b>	<b>72,000.00</b>	<b>270.4347826</b>	<b>5,000.00</b>	<b>1,352,173.91</b>	<b>152,173.91</b>



**Lampiran 6. Biaya Variabel Siklus III**  
*kappaphycus striatum* dan *kappaphycus alvarezii*

Responden	Bibit KS			Bibit KA			Bensin			Upah Tenaga Kerja			Konsumsi
	Jumlah (kg)	Harga (Rp)	Total (Rp)	Jumlah (kg)	Harga ((Rp)	Total (Rp)	Jumlah (Liter)	Harga (Rp)	Total (Rp)	Bentangan (Unit)	Harga (Rp)	Total (RP)	Total
1	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	350	5,000.00	1,750,000.00	100,000.00
2	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	10	12,000.00	120,000.00	350	5,000.00	1,750,000.00	100,000.00
3	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	300	5,000.00	1,500,000.00	200,000.00
4	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	320	5,000.00	1,600,000.00	300,000.00
5	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	15	12,000.00	180,000.00	600	5,000.00	3,000,000.00	1,000,000.00
6	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	300	5,000.00	1,500,000.00	200,000.00
7	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	10	12,000.00	120,000.00	600	5,000.00	3,000,000.00	100,000.00
8	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	200	5,000.00	1,000,000.00	100,000.00
9	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	0	-	-	100	5,000.00	500,000.00	50,000.00
10	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	15	12,000.00	180,000.00	600	5,000.00	3,000,000.00	100,000.00
11	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	500	5,000.00	2,500,000.00	50,000.00
12	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	300	5,000.00	1,500,000.00	100,000.00
13	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	100	5,000.00	500,000.00	100,000.00
14	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	300	5,000.00	1,500,000.00	100,000.00
15	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	3	12,000.00	36,000.00	320	5,000.00	1,600,000.00	100,000.00
16	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	250	5,000.00	1,250,000.00	100,000.00
17	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	250	5,000.00	1,250,000.00	100,000.00
18	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	400	5,000.00	2,000,000.00	100,000.00
19	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	200	5,000.00	1,000,000.00	100,000.00
20	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	300	5,000.00	1,500,000.00	100,000.00
21	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	300	5,000.00	1,500,000.00	100,000.00
22	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	200	5,000.00	1,000,000.00	100,000.00
23	200	7,000.00	1,400,000.00	150	7,000.00	1,050,000.00	5	12,000.00	60,000.00	200	5,000.00	1,000,000.00	100,000.00
<b>Total</b>	<b>4,600.00</b>	<b>161,000.00</b>	<b>32,200,000.00</b>	<b>3,450.00</b>	<b>161,000.00</b>	<b>24,150,000.00</b>	<b>138</b>	<b>264,000.00</b>	<b>1,656,000.00</b>	<b>7,340.00</b>	<b>115,000.00</b>	<b>36,700,000.00</b>	<b>3,500,000.00</b>
<b>Rata-Rata</b>	<b>200.00</b>	<b>7,000.00</b>	<b>1,400,000.00</b>	<b>150.00</b>	<b>7,000.00</b>	<b>1,050,000.00</b>	<b>6</b>	<b>11,478.26</b>	<b>72000</b>	<b>319.1304348</b>	<b>5,000.00</b>	<b>1,595,652.17</b>	<b>152,173.91</b>

**Lampiran 7. Total Biaya**  
*kappaphycus striatum*

Responden	Siklus I			Siklus II			Siklus III		
	Biaya Tetap	Biaya Variabel	Total Biaya	Biaya Tetap	Biaya Variabel	Total Biaya	Biaya Tetap	Biaya Variabel	Total Biaya
1	572,333.33	3,260,000.00	3,832,333.33	572,333.33	3,060,000.00	3,632,333.33	572,333.33	3,310,000.00	3,882,333.33
2	606,333.33	4,070,000.00	4,676,333.33	606,333.33	3,120,000.00	3,726,333.33	606,333.33	3,370,000.00	3,976,333.33
3	468,833.33	3,110,000.00	3,578,833.33	468,833.33	2,660,000.00	3,128,833.33	468,833.33	3,160,000.00	3,628,833.33
4	632,000.00	5,360,000.00	5,992,000.00	632,000.00	3,360,000.00	3,992,000.00	632,000.00	3,360,000.00	3,992,000.00
5	943,888.89	5,780,000.00	6,723,888.89	943,888.89	5,080,000.00	6,023,888.89	943,888.89	5,580,000.00	6,523,888.89
6	442,142.86	5,260,000.00	5,702,142.86	442,142.86	3,160,000.00	3,602,142.86	442,142.86	3,160,000.00	3,602,142.86
7	774,259.26	3,420,000.00	4,194,259.26	774,259.26	4,120,000.00	4,894,259.26	774,259.26	4,620,000.00	5,394,259.26
8	402,333.33	2,760,000.00	3,162,333.33	402,333.33	2,560,000.00	2,962,333.33	402,333.33	2,560,000.00	2,962,333.33
9	222,000.00	4,050,000.00	4,272,000.00	222,000.00	1,950,000.00	2,172,000.00	222,000.00	1,950,000.00	2,172,000.00
10	810,190.48	6,280,000.00	7,090,190.48	810,190.48	4,180,000.00	4,990,190.48	810,190.48	4,680,000.00	5,490,190.48
11	627,023.81	5,110,000.00	5,737,023.81	627,023.81	4,010,000.00	4,637,023.81	627,023.81	4,010,000.00	4,637,023.81
12	627,023.81	1,860,000.00	2,487,023.81	627,023.81	2,560,000.00	3,187,023.81	627,023.81	3,060,000.00	3,687,023.81
13	405,690.48	1,110,000.00	1,515,690.48	405,690.48	2,060,000.00	2,465,690.48	405,690.48	2,060,000.00	2,465,690.48
14	607,500.00	3,060,000.00	3,667,500.00	607,500.00	2,810,000.00	3,417,500.00	607,500.00	3,060,000.00	3,667,500.00
15	1,859,666.67	2,736,000.00	4,595,666.67	1,859,666.67	2,536,000.00	4,395,666.67	1,859,666.67	3,136,000.00	4,995,666.67
16	571,500.00	2,760,000.00	3,331,500.00	571,500.00	2,560,000.00	3,131,500.00	571,500.00	2,810,000.00	3,381,500.00
17	571,500.00	4,260,000.00	4,831,500.00	571,500.00	2,810,000.00	3,381,500.00	571,500.00	2,810,000.00	3,381,500.00
18	762,500.00	4,660,000.00	5,422,500.00	762,500.00	3,060,000.00	3,822,500.00	762,500.00	3,560,000.00	4,322,500.00
19	570,666.67	3,260,000.00	3,830,666.67	570,666.67	2,560,000.00	3,130,666.67	570,666.67	2,560,000.00	3,130,666.67
20	629,000.00	3,760,000.00	4,389,000.00	629,000.00	2,810,000.00	3,439,000.00	629,000.00	3,060,000.00	3,689,000.00
21	570,666.67	3,010,000.00	3,580,666.67	570,666.67	2,310,000.00	2,880,666.67	570,666.67	3,060,000.00	3,630,666.67
22	546,000.00	3,010,000.00	3,556,000.00	546,000.00	2,560,000.00	3,106,000.00	546,000.00	2,560,000.00	3,106,000.00
23	653,333.33	3,260,000.00	3,913,333.33	653,333.33	2,560,000.00	3,213,333.33	653,333.33	2,560,000.00	3,213,333.33
<b>Total</b>	<b>14,876,386.25</b>	<b>85,206,000.00</b>	<b>100,082,386.25</b>	<b>14,876,386.25</b>	<b>68,456,000.00</b>	<b>83,332,386.25</b>	<b>14,876,386.25</b>	<b>74,056,000.00</b>	<b>88,932,386.25</b>
<b>Rata-Rata</b>	<b>646,799.40</b>	<b>3,704,608.70</b>	<b>4,351,408.10</b>	<b>646,799.40</b>	<b>2,976,347.83</b>	<b>3,623,147.23</b>	<b>646,799.40</b>	<b>3,219,826.09</b>	<b>3,866,625.49</b>

**Lanjutan Lampiran 7 Total Biaya**  
*kappaphycus alvarezii*

Responden	Siklus I			Siklus II			Siklus III		
	Biaya Tetap	Biaya Variabel	Total Biaya	Biaya Tetap	Biaya Variabel	Total Biaya	Biaya Tetap	Biaya Variabel	Total Biaya
1	572,333.33	3,960,000.00	4,532,333.33	572,333.33	2,710,000.00	3,282,333.33	572,333.33	2,960,000.00	3,532,333.33
2	606,333.33	4,070,000.00	4,676,333.33	606,333.33	2,770,000.00	3,376,333.33	606,333.33	3,020,000.00	3,626,333.33
3	468,833.33	3,110,000.00	3,578,833.33	468,833.33	2,310,000.00	2,778,833.33	468,833.33	2,810,000.00	3,278,833.33
4	632,000.00	3,960,000.00	4,592,000.00	632,000.00	3,010,000.00	3,642,000.00	632,000.00	3,010,000.00	3,642,000.00
5	943,888.89	7,880,000.00	8,823,888.89	943,888.89	4,730,000.00	5,673,888.89	943,888.89	5,230,000.00	6,173,888.89
6	442,142.86	3,860,000.00	4,302,142.86	442,142.86	2,810,000.00	3,252,142.86	442,142.86	2,810,000.00	3,252,142.86
7	774,259.26	6,920,000.00	7,694,259.26	774,259.26	3,770,000.00	4,544,259.26	774,259.26	4,270,000.00	5,044,259.26
8	402,333.33	1,860,000.00	2,262,333.33	402,333.33	2,210,000.00	2,612,333.33	402,333.33	2,210,000.00	2,612,333.33
9	222,000.00	1,950,000.00	2,172,000.00	222,000.00	1,600,000.00	1,822,000.00	222,000.00	1,600,000.00	1,822,000.00
10	810,190.48	5,780,000.00	6,590,190.48	810,190.48	3,830,000.00	4,640,190.48	810,190.48	4,330,000.00	5,140,190.48
11	627,023.81	6,110,000.00	6,737,023.81	627,023.81	3,660,000.00	4,287,023.81	627,023.81	3,660,000.00	4,287,023.81
12	627,023.81	4,660,000.00	5,287,023.81	627,023.81	2,210,000.00	2,837,023.81	627,023.81	2,710,000.00	3,337,023.81
13	405,690.48	1,110,000.00	1,515,690.48	405,690.48	1,710,000.00	2,115,690.48	405,690.48	1,710,000.00	2,115,690.48
14	607,500.00	3,060,000.00	3,667,500.00	607,500.00	2,460,000.00	3,067,500.00	607,500.00	2,710,000.00	3,317,500.00
15	1,859,666.67	2,036,000.00	3,895,666.67	1,859,666.67	2,186,000.00	4,045,666.67	1,859,666.67	2,786,000.00	4,645,666.67
16	571,500.00	2,060,000.00	2,631,500.00	571,500.00	2,210,000.00	2,781,500.00	571,500.00	2,460,000.00	3,031,500.00
17	571,500.00	5,660,000.00	6,231,500.00	571,500.00	2,460,000.00	3,031,500.00	571,500.00	2,460,000.00	3,031,500.00
18	762,500.00	2,560,000.00	3,322,500.00	762,500.00	2,710,000.00	3,472,500.00	762,500.00	3,210,000.00	3,972,500.00
19	570,666.67	2,560,000.00	3,130,666.67	570,666.67	2,210,000.00	2,780,666.67	570,666.67	2,210,000.00	2,780,666.67
20	629,000.00	3,060,000.00	3,689,000.00	629,000.00	2,460,000.00	3,089,000.00	629,000.00	2,710,000.00	3,339,000.00
21	570,666.67	2,310,000.00	2,880,666.67	570,666.67	1,960,000.00	2,530,666.67	570,666.67	2,710,000.00	3,280,666.67
22	546,000.00	2,310,000.00	2,856,000.00	546,000.00	2,210,000.00	2,756,000.00	546,000.00	2,210,000.00	2,756,000.00
23	653,333.33	2,560,000.00	3,213,333.33	653,333.33	2,210,000.00	2,863,333.33	653,333.33	2,210,000.00	2,863,333.33
<b>Total</b>	<b>14,876,386.25</b>	<b>83,406,000.00</b>	<b>98,282,386.25</b>	<b>14,876,386.25</b>	<b>60,406,000.00</b>	<b>75,282,386.25</b>	<b>14,876,386.25</b>	<b>66,006,000.00</b>	<b>80,882,386.25</b>
<b>Rata-Rata</b>	<b>646,799.40</b>	<b>3,626,347.83</b>	<b>4,273,147.23</b>	<b>646,799.40</b>	<b>2,626,347.83</b>	<b>3,273,147.23</b>	<b>646,799.40</b>	<b>2,869,826.09</b>	<b>3,516,625.49</b>

**Lampiran 8. Penerimaan Usaha Budidaya**  
*kappaphycus striatum*

Responden	Siklus I			Siklus II			Siklus III		
	Jumlah (Kg)	Harga (Rp/Kg)	Total (Rp)	Jumlah (Kg)	Harga (Rp/Kg)	Total (Rp)	Jumlah (Kg)	Harga (Rp/Kg)	Total (Rp)
1	500	20,000.00	10,000,000.00	525	20,000.00	10,500,000.00	550	20,000.00	11,000,000.00
2	450	20,000.00	9,000,000.00	340	20,000.00	6,800,000.00	320	20,000.00	6,400,000.00
3	400	20,000.00	8,000,000.00	250	20,000.00	5,000,000.00	275	20,000.00	5,500,000.00
4	475	20,000.00	9,500,000.00	435	20,000.00	8,700,000.00	500	20,000.00	10,000,000.00
5	575	20,000.00	11,500,000.00	450	20,000.00	9,000,000.00	420	20,000.00	8,400,000.00
6	450	20,000.00	9,000,000.00	200	20,000.00	4,000,000.00	300	20,000.00	6,000,000.00
7	555	20,000.00	11,100,000.00	600	20,000.00	12,000,000.00	550	20,000.00	11,000,000.00
8	400	20,000.00	8,000,000.00	300	20,000.00	6,000,000.00	250	20,000.00	5,000,000.00
9	300	20,000.00	6,000,000.00	300	20,000.00	6,000,000.00	350	20,000.00	7,000,000.00
10	650	20,000.00	13,000,000.00	800	20,000.00	16,000,000.00	750	20,000.00	15,000,000.00
11	435	20,000.00	8,700,000.00	315	20,000.00	6,300,000.00	300	20,000.00	6,000,000.00
12	400	20,000.00	8,000,000.00	430	20,000.00	8,600,000.00	420	20,000.00	8,400,000.00
13	350	20,000.00	7,000,000.00	200	20,000.00	4,000,000.00	320	20,000.00	6,400,000.00
14	400	20,000.00	8,000,000.00	455	20,000.00	9,100,000.00	400	20,000.00	8,000,000.00
15	450	20,000.00	9,000,000.00	400	20,000.00	8,000,000.00	450	20,000.00	9,000,000.00
16	375	20,000.00	7,500,000.00	200	20,000.00	4,000,000.00	350	20,000.00	7,000,000.00
17	385	20,000.00	7,700,000.00	350	20,000.00	7,000,000.00	400	20,000.00	8,000,000.00
18	500	20,000.00	10,000,000.00	400	20,000.00	8,000,000.00	430	20,000.00	8,600,000.00
19	300	20,000.00	6,000,000.00	400	20,000.00	8,000,000.00	500	20,000.00	10,000,000.00
20	350	20,000.00	7,000,000.00	385	20,000.00	7,700,000.00	400	20,000.00	8,000,000.00
21	350	20,000.00	7,000,000.00	235	20,000.00	4,700,000.00	350	20,000.00	7,000,000.00
22	375	20,000.00	7,500,000.00	255	20,000.00	5,100,000.00	200	20,000.00	4,000,000.00
23	350	20,000.00	7,000,000.00	300	20,000.00	6,000,000.00	450	20,000.00	9,000,000.00
<b>Total</b>	<b>9775</b>	<b>460,000.00</b>	<b>195,500,000.00</b>	<b>8,525.00</b>	<b>460,000.00</b>	<b>170,500,000.00</b>	<b>9,235.00</b>	<b>460,000.00</b>	<b>184,700,000.00</b>
<b>Rata-Rata</b>	<b>425</b>	<b>20,000.00</b>	<b>8,500,000.00</b>	<b>370.65</b>	<b>20,000.00</b>	<b>7,413,043.48</b>	<b>401.52</b>	<b>20,000.00</b>	<b>8,030,434.78</b>

**Lanjutan Lampiran 8. Penerimaan Usaha Budidaya**  
*kappaphycus alvarezii*

Responden	Siklus I			Siklus II			Siklus III		
	Jumlah (Kg)	Harga (Rp/Kg)	Total (Rp)	Jumlah (Kg)	Harga (Rp/Kg)	Total (Rp)	Jumlah (Kg)	Harga (Rp/Kg)	Total (Rp)
1	350	15,000.00	5,250,000.00	450	15,000.00	6,750,000.00	550	15,000.00	8,250,000.00
2	400	15,000.00	6,000,000.00	340	15,000.00	5,100,000.00	355	15,000.00	5,325,000.00
3	300	15,000.00	4,500,000.00	300	15,000.00	4,500,000.00	300	15,000.00	4,500,000.00
4	400	15,000.00	6,000,000.00	400	15,000.00	6,000,000.00	500	15,000.00	7,500,000.00
5	665	15,000.00	9,975,000.00	400	15,000.00	6,000,000.00	420	15,000.00	6,300,000.00
6	375	15,000.00	5,625,000.00	250	15,000.00	3,750,000.00	300	15,000.00	4,500,000.00
7	630	15,000.00	9,450,000.00	400	15,000.00	6,000,000.00	550	15,000.00	8,250,000.00
8	335	15,000.00	5,025,000.00	300	15,000.00	4,500,000.00	250	15,000.00	3,750,000.00
9	300	15,000.00	4,500,000.00	350	15,000.00	5,250,000.00	350	15,000.00	5,250,000.00
10	500	15,000.00	7,500,000.00	500	15,000.00	7,500,000.00	600	15,000.00	9,000,000.00
11	550	15,000.00	8,250,000.00	350	15,000.00	5,250,000.00	375	15,000.00	5,625,000.00
12	500	15,000.00	7,500,000.00	450	15,000.00	6,750,000.00	450	15,000.00	6,750,000.00
13	250	15,000.00	3,750,000.00	255	15,000.00	3,825,000.00	320	15,000.00	4,800,000.00
14	400	15,000.00	6,000,000.00	450	15,000.00	6,750,000.00	400	15,000.00	6,000,000.00
15	400	15,000.00	6,000,000.00	400	15,000.00	6,000,000.00	450	15,000.00	6,750,000.00
16	250	15,000.00	3,750,000.00	300	15,000.00	4,500,000.00	350	15,000.00	5,250,000.00
17	500	15,000.00	7,500,000.00	350	15,000.00	5,250,000.00	400	15,000.00	6,000,000.00
18	450	15,000.00	6,750,000.00	400	15,000.00	6,000,000.00	430	15,000.00	6,450,000.00
19	250	15,000.00	3,750,000.00	400	15,000.00	6,000,000.00	500	15,000.00	7,500,000.00
20	300	15,000.00	4,500,000.00	385	15,000.00	5,775,000.00	400	15,000.00	6,000,000.00
21	375	15,000.00	5,625,000.00	300	15,000.00	4,500,000.00	350	15,000.00	5,250,000.00
22	350	15,000.00	5,250,000.00	255	15,000.00	3,825,000.00	300	15,000.00	4,500,000.00
23	350	15,000.00	5,250,000.00	300	15,000.00	4,500,000.00	450	15,000.00	6,750,000.00
<b>Total</b>	<b>9180</b>	<b>345,000.00</b>	<b>137,700,000.00</b>	<b>8285</b>	<b>345,000.00</b>	<b>124,275,000.00</b>	<b>9350</b>	<b>345,000.00</b>	<b>140,250,000.00</b>
<b>Rata-Rata</b>	<b>399.1304348</b>	<b>15,000.00</b>	<b>5,986,956.52</b>	<b>360.2173913</b>	<b>15,000.00</b>	<b>5,403,260.87</b>	<b>406.5217391</b>	<b>15,000.00</b>	<b>6,097,826.09</b>

**Lampiran 9. Keuntungan**  
*kappapyhcus striatum*

Responden	Siklus I			Siklus II			Siklus III		
	Penerimaan	Total Biaya	keuntungan	Penerimaan	Total Biaya	Keuntungan	Penerimaan	Total Biaya	Keuntungan
1	10,000,000.00	3,832,333.33	6,167,666.67	10,500,000.00	3,632,333.33	6,867,666.67	11,000,000.00	3,882,333.33	7,117,666.67
2	9,000,000.00	4,676,333.33	4,323,666.67	6,800,000.00	3,726,333.33	3,073,666.67	6,400,000.00	3,976,333.33	2,423,666.67
3	8,000,000.00	3,578,833.33	4,421,166.67	5,000,000.00	3,128,833.33	1,871,166.67	5,500,000.00	3,628,833.33	1,871,166.67
4	9,500,000.00	5,992,000.00	3,508,000.00	8,700,000.00	3,992,000.00	4,708,000.00	10,000,000.00	3,992,000.00	6,008,000.00
5	11,500,000.00	6,723,888.89	4,776,111.11	9,000,000.00	6,023,888.89	2,976,111.11	8,400,000.00	6,523,888.89	1,876,111.11
6	9,000,000.00	5,702,142.86	3,297,857.14	4,000,000.00	3,602,142.86	397,857.14	6,000,000.00	3,602,142.86	2,397,857.14
7	11,100,000.00	4,194,259.26	6,905,740.74	12,000,000.00	4,894,259.26	7,105,740.74	11,000,000.00	5,394,259.26	5,605,740.74
8	8,000,000.00	3,162,333.33	4,837,666.67	6,000,000.00	2,962,333.33	3,037,666.67	5,000,000.00	2,962,333.33	2,037,666.67
9	6,000,000.00	4,272,000.00	1,728,000.00	6,000,000.00	2,172,000.00	3,828,000.00	7,000,000.00	2,172,000.00	4,828,000.00
10	13,000,000.00	7,090,190.48	5,909,809.52	16,000,000.00	4,990,190.48	11,009,809.52	15,000,000.00	5,490,190.48	9,509,809.52
11	8,700,000.00	5,737,023.81	2,962,976.19	6,300,000.00	4,637,023.81	1,662,976.19	6,000,000.00	4,637,023.81	1,362,976.19
12	8,000,000.00	2,487,023.81	5,512,976.19	8,600,000.00	3,187,023.81	5,412,976.19	8,400,000.00	3,687,023.81	4,712,976.19
13	7,000,000.00	1,515,690.48	5,484,309.52	4,000,000.00	2,465,690.48	1,534,309.52	6,400,000.00	2,465,690.48	3,934,309.52
14	8,000,000.00	3,667,500.00	4,332,500.00	9,100,000.00	3,417,500.00	5,682,500.00	8,000,000.00	3,667,500.00	4,332,500.00
15	9,000,000.00	4,595,666.67	4,404,333.33	8,000,000.00	4,395,666.67	3,604,333.33	9,000,000.00	4,995,666.67	4,004,333.33
16	7,500,000.00	3,331,500.00	4,168,500.00	4,000,000.00	3,131,500.00	868,500.00	7,000,000.00	3,381,500.00	3,618,500.00
17	7,700,000.00	4,831,500.00	2,868,500.00	7,000,000.00	3,381,500.00	3,618,500.00	8,000,000.00	3,381,500.00	4,618,500.00
18	10,000,000.00	5,422,500.00	4,577,500.00	8,000,000.00	3,822,500.00	4,177,500.00	8,600,000.00	4,322,500.00	4,277,500.00
19	6,000,000.00	3,830,666.67	2,169,333.33	8,000,000.00	3,130,666.67	4,869,333.33	10,000,000.00	3,130,666.67	6,869,333.33
20	7,000,000.00	4,389,000.00	2,611,000.00	7,700,000.00	3,439,000.00	4,261,000.00	8,000,000.00	3,689,000.00	4,311,000.00
21	7,000,000.00	3,580,666.67	3,419,333.33	4,700,000.00	2,880,666.67	1,819,333.33	7,000,000.00	3,630,666.67	3,369,333.33
22	7,500,000.00	3,556,000.00	3,944,000.00	5,100,000.00	3,106,000.00	1,994,000.00	4,000,000.00	3,106,000.00	894,000.00
23	7,000,000.00	3,913,333.33	3,086,666.67	6,000,000.00	3,213,333.33	2,786,666.67	9,000,000.00	3,213,333.33	5,786,666.67
<b>Total</b>	<b>195,500,000.00</b>	<b>100,082,386.25</b>	<b>95,417,613.75</b>	<b>170,500,000.00</b>	<b>83,332,386.25</b>	<b>87,167,613.75</b>	<b>184,700,000.00</b>	<b>88,932,386.25</b>	<b>95,767,613.75</b>
<b>Rata-Rata</b>	<b>8,500,000.00</b>	<b>4,351,408.10</b>	<b>4,148,591.90</b>	<b>7,413,043.48</b>	<b>3,623,147.23</b>	<b>3,789,896.25</b>	<b>8,030,434.78</b>	<b>3,866,625.49</b>	<b>4,163,809.29</b>

**Lanjutan Lampiran 9. Keuntungan**  
*kappaphycus alvarezii*

Responden	Siklus I			Siklus II			Siklus III		
	Penerimaan	Total Biaya	Keuntungan	Penerimaan	Total Biaya	Keuntungan	Penerimaan	Total Biaya	Keuntungan
1	5,250,000.00	4,532,333.33	717,666.67	6,750,000.00	3,282,333.33	3,467,666.67	8,250,000.00	3,532,333.33	4,717,666.67
2	6,000,000.00	4,676,333.33	1,323,666.67	5,100,000.00	3,376,333.33	1,723,666.67	5,325,000.00	3,626,333.33	1,698,666.67
3	4,500,000.00	3,578,833.33	921,166.67	4,500,000.00	2,778,833.33	1,721,166.67	4,500,000.00	3,278,833.33	1,221,166.67
4	6,000,000.00	4,592,000.00	1,408,000.00	6,000,000.00	3,642,000.00	2,358,000.00	7,500,000.00	3,642,000.00	3,858,000.00
5	9,975,000.00	8,823,888.89	1,151,111.11	6,000,000.00	5,673,888.89	326,111.11	6,300,000.00	6,173,888.89	126,111.11
6	5,625,000.00	4,302,142.86	1,322,857.14	3,750,000.00	3,252,142.86	497,857.14	4,500,000.00	3,252,142.86	1,247,857.14
7	9,450,000.00	7,694,259.26	1,755,740.74	6,000,000.00	4,544,259.26	1,455,740.74	8,250,000.00	5,044,259.26	3,205,740.74
8	5,025,000.00	2,262,333.33	2,762,666.67	4,500,000.00	2,612,333.33	1,887,666.67	3,750,000.00	2,612,333.33	1,137,666.67
9	4,500,000.00	2,172,000.00	2,328,000.00	5,250,000.00	1,822,000.00	3,428,000.00	5,250,000.00	1,822,000.00	3,428,000.00
10	7,500,000.00	6,590,190.48	909,809.52	7,500,000.00	4,640,190.48	2,859,809.52	9,000,000.00	5,140,190.48	3,859,809.52
11	8,250,000.00	6,737,023.81	1,512,976.19	5,250,000.00	4,287,023.81	962,976.19	5,625,000.00	4,287,023.81	1,337,976.19
12	7,500,000.00	5,287,023.81	2,212,976.19	6,750,000.00	2,837,023.81	3,912,976.19	6,750,000.00	3,337,023.81	3,412,976.19
13	3,750,000.00	1,515,690.48	2,234,309.52	3,825,000.00	2,115,690.48	1,709,309.52	4,800,000.00	2,115,690.48	2,684,309.52
14	6,000,000.00	3,667,500.00	2,332,500.00	6,750,000.00	3,067,500.00	3,682,500.00	6,000,000.00	3,317,500.00	2,682,500.00
15	6,000,000.00	3,895,666.67	2,104,333.33	6,000,000.00	4,045,666.67	1,954,333.33	6,750,000.00	4,645,666.67	2,104,333.33
16	3,750,000.00	2,631,500.00	1,118,500.00	4,500,000.00	2,781,500.00	1,718,500.00	5,250,000.00	3,031,500.00	2,218,500.00
17	7,500,000.00	6,231,500.00	1,268,500.00	5,250,000.00	3,031,500.00	2,218,500.00	6,000,000.00	3,031,500.00	2,968,500.00
18	6,750,000.00	3,322,500.00	3,427,500.00	6,000,000.00	3,472,500.00	2,527,500.00	6,450,000.00	3,972,500.00	2,477,500.00
19	3,750,000.00	3,130,666.67	619,333.33	6,000,000.00	2,780,666.67	3,219,333.33	7,500,000.00	2,780,666.67	4,719,333.33
20	4,500,000.00	3,689,000.00	811,000.00	5,775,000.00	3,089,000.00	2,686,000.00	6,000,000.00	3,339,000.00	2,661,000.00
21	5,625,000.00	2,880,666.67	2,744,333.33	4,500,000.00	2,530,666.67	1,969,333.33	5,250,000.00	3,280,666.67	1,969,333.33
22	5,250,000.00	2,856,000.00	2,394,000.00	3,825,000.00	2,756,000.00	1,069,000.00	4,500,000.00	2,756,000.00	1,744,000.00
23	5,250,000.00	3,213,333.33	2,036,666.67	4,500,000.00	2,863,333.33	1,636,666.67	6,750,000.00	2,863,333.33	3,886,666.67
<b>Total</b>	<b>137,700,000.00</b>	<b>98,282,386.25</b>	<b>39,417,613.75</b>	<b>124,275,000.00</b>	<b>75,282,386.25</b>	<b>48,992,613.75</b>	<b>140,250,000.00</b>	<b>80,882,386.25</b>	<b>59,367,613.75</b>
<b>Rata-Rata</b>	<b>5,986,956.52</b>	<b>4,273,147.23</b>	<b>1,713,809.29</b>	<b>5,403,260.87</b>	<b>3,273,147.23</b>	<b>2,130,113.64</b>	<b>6,097,826.09</b>	<b>3,516,625.49</b>	<b>2,581,200.60</b>

**Lampiran 11. Dokumentasi Penelitian**



**Tali Bantangan**



**Botol Besar dan Kecil**



**Jerigen**



**Rumput Laut yang telah diikat**





**Pengikatan Bibit Rumput Laut**



**Penyatuan 2 Bentang Tali**



**Proses Memisahkan Rumput Laut dari Tali bentangan (Pa'Purusu)**



**Proses Pemisahan Menggunakan Tangan**



**Penjemuran Rumput Laut**



**Rumput Laut Kering**





**Foto Bersama Responden**