



SURVEY OF COSTS AND RETURNS IN SEAWEED PRODUCTION

(LAST COMPLETED PRODUCTION CYCLE IN 2007)

A. GEOGRAPHIC INFORMATION (Location of Seaweed Farm)	C. FARM CHARACTERISTICS																																												
<p>1. Region: _____</p> <p>2. Province: _____</p> <p>3. City / Municipality: _____</p> <p>4. Barangay: _____</p> <p>5. Sitio / Purok: _____</p> <div style="text-align: right; margin-top: 10px;"> <table border="1" style="border-collapse: collapse; width: 80px; height: 60px;"> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table> </div>										<p>1. Total area of all seaweed farms: _____ . _____ hectare</p> <p>2. Number of seaweed farms: _____</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 10%;">Farm Number</th> <th style="width: 20%;">What is the physical area of the farm (hectare)</th> <th style="width: 15%;">What is the variety planted? (Indicate code)</th> <th style="width: 15%;">What is the culture method? (Indicate code)</th> <th style="width: 15%;">Where is the farm located? (indicate code)</th> </tr> <tr> <th>(1)</th> <th>(2)</th> <th>(3)</th> <th>(4)</th> <th>(5)</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">1</td><td style="text-align: center;">_____ . _____</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">2</td><td style="text-align: center;">_____ . _____</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">3</td><td style="text-align: center;">_____ . _____</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">4</td><td style="text-align: center;">_____ . _____</td><td></td><td></td><td></td></tr> <tr><td style="text-align: center;">5</td><td style="text-align: center;">_____ . _____</td><td></td><td></td><td></td></tr> </tbody> </table> <p>3. Seaweed focus farm number^{1/}: _____</p> <p>if there is focus area, what is the size? _____ . _____ hectare</p> <p>What is the ratio of focus area to focus farm? ____ . ____ %</p> <p>3.1 Month planted: _____ 3.3 Number of croppings in 2007: _____</p> <p>3.2 Month harvested: _____ 3.4 Number of harvests/cropping: _____</p> <p><small>^{1/} Focus farm is the seaweed farm where the last cropping is completed and where all relevant information for this study will be collected</small></p>	Farm Number	What is the physical area of the farm (hectare)	What is the variety planted? (Indicate code)	What is the culture method? (Indicate code)	Where is the farm located? (indicate code)	(1)	(2)	(3)	(4)	(5)	1	_____ . _____				2	_____ . _____				3	_____ . _____				4	_____ . _____				5	_____ . _____			
Farm Number	What is the physical area of the farm (hectare)	What is the variety planted? (Indicate code)	What is the culture method? (Indicate code)	Where is the farm located? (indicate code)																																									
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5	_____ . _____																																												
B. SAMPLE IDENTIFICATION																																													
<p>1. Name of owner / operator: _____</p> <p>2. Home Address of owner / operator: _____</p> <p>3. Age (as of last birthday): _____ years old</p> <p>4. Sex (Encircle code): 1 - Male 2 - Female</p> <p>5. Highest educational attainment: _____</p> <div style="text-align: right; margin-top: 5px;"> <table border="1" style="border-collapse: collapse; width: 40px; height: 30px;"> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table> </div> <p>6. Main occupation: _____</p> <p style="margin-left: 20px;"><i>(Work that farmer/operator devoted most of his/her time)</i></p> <p>7. Number of years engaged in seaweed production: _____ years</p> <p>8. Name of respondent: _____</p> <p>9. Contact number: _____</p> <p>10. Relationship of respondent to owner / operator (Encircle code):</p> <p style="margin-left: 20px;">1 - Owner / Operator 3 - Son / Daughter</p> <p style="margin-left: 20px;">2 - Spouse 4 - Others (specify): _____</p>																																													

CODES:

- | | | | | | | |
|---------------------------------|--|---|---|----------------------|--------------|----------------------|
| Col. 3 - Variety | 1 - Cottonii | 2 - Alvarezii | 3 - Gracilaria | 4 - Caulerpa | 5 - Spinosum | 6 - Others (specify) |
| Col.4 - Culture Method | 1 - Monoline Floating | 2 - Monoline Bottom | 3 - Triangular | 4 - Others (specify) | | |
| Col.5 - Location of Farm | 1 - Inside the barangay, Inside the municipality | 2 - Outside the barangay, Inside the municipality | 3 - Outside the municipality, Inside the province | | | |

D. FARM INVESTMENT (in focus farm/area)													
Item	BEGINNING INVENTORY AS OF JANUARY 1, 2007				JANUARY 2 - DECEMBER 31, 2007								How many percent was it used in the focus farm / area?
	How many units?	What year was it acquired / constructed?	How much was the acquisition / construction? (Pesos)	How many years will it be useful or serviceable? (from the date of interview)	ACQUISITION			DISPOSAL		How many units were lost / destroyed / damaged?	How much? (Pesos)		
					How many units?	How much was spent for		How many units were disposed?	How much? (Pesos)				
(1)	(2)	(3)	(4)	(5)	(6)	new acquisition / construction / assembly? (Pesos)	major repair / improvement? (Pesos)	(9)	(10)	(11)	(12)	(13)	(14)
Farm structures													
1 Farm office			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	
2 Farm house			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	
3 Storage of supplies and dried seaweeds (bodega)			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	
4 Farm laboratory			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	
5 Caretaker's house			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	
6 Drying platform			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	
7 Others (specify): _____ _____			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	
Farm machines, tools and equipment													
8 Generator			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	
9 Engine			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	
10 Boat (banca)			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	
11 Tricycle			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	
12 Pick-up			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	
13 Van			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	
14 Truck			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	
15 Raft (bamboo)			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	
16 Raft (styrofoam)			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	
17 Paddle			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	
18 Mesh net			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	
19 Goggles/Snorkeling mask			• _ _ _			• _ _ _	• _ _ _			• _ _ _		• _ _ _	

D. FARM INVESTMENT . . . continued

Item	BEGINNING INVENTORY AS OF JANUARY 1, 2007				JANUARY 2 - DECEMBER 31, 2007								
	How many units?	What year was it acquired / constructed?	How much was the acquisition / construction? (Pesos)	How many years will it be useful or serviceable? (from the date of interview)	ACQUISITION			DISPOSAL		How many units were lost / destroyed / damaged?	How much? (Pesos)	How many percent was it used in the focus farm / area?	
					How many units?	How much was spent for		How many years will it be useful or serviceable?	How many units were disposed?				How much? (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)	new acquisition / construction / assembly? (Pesos)	major repair / improvement? (Pesos)	(9)	(10)	(11)	(12)	(13)	(14)
20 Cultivation frame													
20.1 Sinker/Anchor			. ___			. ___	. ___			. ___		. ___	
20.2 Floater (styrofoam)			. ___			. ___	. ___			. ___		. ___	
20.3 Floater (plastic bottle)			. ___			. ___	. ___			. ___		. ___	
20.4 Floater (PVC pipe)			. ___			. ___	. ___			. ___		. ___	
20.5 Pole (Concrete)			. ___			. ___	. ___			. ___		. ___	
20.6 Pole (bamboo/mangrove)			. ___			. ___	. ___			. ___		. ___	
20.7 Polyethylene rope (# 6-7)			. ___			. ___	. ___			. ___		. ___	
20.8 Polyethylene rope (# _____)			. ___			. ___	. ___			. ___		. ___	
20.9 Polyethylene rope (# _____)			. ___			. ___	. ___			. ___		. ___	
20.10 Polyethylene rope (# _____)			. ___			. ___	. ___			. ___		. ___	
20.11 Monofilament # 110 test lbs (nylon cord)			. ___			. ___	. ___			. ___		. ___	
21 Bolo/Knife			. ___			. ___	. ___			. ___		. ___	
22 Digging bar			. ___			. ___	. ___			. ___		. ___	
23 Hammer/Mallet			. ___			. ___	. ___			. ___		. ___	
24 Gas lamp			. ___			. ___	. ___			. ___		. ___	
25 Basket			. ___			. ___	. ___			. ___		. ___	
26 Crate			. ___			. ___	. ___			. ___		. ___	
27 Weighing Scale			. ___			. ___	. ___			. ___		. ___	
28 Gloves			. ___			. ___	. ___			. ___		. ___	
29 Plastic cover			. ___			. ___	. ___			. ___		. ___	
30 Others (specify): _____			. ___			. ___	. ___			. ___		. ___	
_____			. ___			. ___	. ___			. ___		. ___	
_____			. ___			. ___	. ___			. ___		. ___	

E. MATERIAL INPUTS AND SUPPLIES (used in focus farm/area)							
Item	What was the mode of acquisition? (Indicate code/s)	How many units were used?	What is the local unit used?	What is the weight per local unit in kilogram? / length in meter?	How much per local unit? (Pesos)	What is the total quantity? (kilograms / meters)	How much is the total value? (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)	(7) Col (3 x 5)	(8) Col (3 x 6)
1 Seedling				. ____	. ____	. ____	. ____
2 Plastic / straw twine				. ____	. ____	. ____	. ____
3 Coconut palm				. ____	. ____	. ____	. ____
4 Sacks				. ____	. ____	. ____	. ____
5 Others (specify)				. ____	. ____	. ____	. ____
_____				. ____	. ____	. ____	. ____
_____				. ____	. ____	. ____	. ____
_____				. ____	. ____	. ____	. ____
_____				. ____	. ____	. ____	. ____
_____				. ____	. ____	. ____	. ____
_____				. ____	. ____	. ____	. ____
_____				. ____	. ____	. ____	. ____
_____				. ____	. ____	. ____	. ____

CODES:

Col. 2 - Mode of acquisition

1 - Purchased

2 - Own produce

3 - Received from others

4 - Others (specify)

F. LABOR INPUTS (in focus farm/area)																				
Activity	Sex	Operator Labor			Family Labor				Exchange Labor				Hired Labor					How much was the total food cost incurred? (Pesos)	How much was the prevailing wage rate per day in the locality? (Pesos)	
		How many days were spent?	How many hours per day were spent?	Total Mandays	How many persons worked in the farm?	On the average,		Total Mandays	How many persons worked in the farm?	On the average,		Total Mandays	How many persons worked in the farm?	On the average,		Total Mandays	Total Payment (Pesos)			
						how many days did they work?	how many hours per day were spent?			how many days did they work?	how many hours per day were spent?			How much was paid in cash?	How much was paid in kind?					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
1. Farm site preparation																				
1.1. Installation of cultivation frames	1- M		·_	·_			·_	·_			·_	·_			·_	·_	·_	·_	·_	·_
	2- F		·_	·_			·_	·_			·_	·_			·_	·_	·_	·_	·_	·_
1.2. Cutting of grasses, removal of rocks, sea urchins & other predators	1- M		·_	·_			·_	·_			·_	·_			·_	·_	·_	·_	·_	·_
	2- F		·_	·_			·_	·_			·_	·_			·_	·_	·_	·_	·_	·_
2. Seedling selection & preparation	1- M		·_	·_			·_	·_			·_	·_			·_	·_	·_	·_	·_	·_
	2- F		·_	·_			·_	·_			·_	·_			·_	·_	·_	·_	·_	·_
3. Hauling of seedlings	1- M		·_	·_			·_	·_			·_	·_			·_	·_	·_	·_	·_	·_
	2- F		·_	·_			·_	·_			·_	·_			·_	·_	·_	·_	·_	·_
4. Planting	1- M		·_	·_			·_	·_			·_	·_			·_	·_	·_	·_	·_	·_
	2- F		·_	·_			·_	·_			·_	·_			·_	·_	·_	·_	·_	·_
5. Care of crops	1- M		·_	·_			·_	·_			·_	·_			·_	·_	·_	·_	·_	·_
	2- F		·_	·_			·_	·_			·_	·_			·_	·_	·_	·_	·_	·_
6. Harvesting	1- M		·_	·_			·_	·_			·_	·_			·_	·_	·_	·_	·_	·_
	2- F		·_	·_			·_	·_			·_	·_			·_	·_	·_	·_	·_	·_

NOTE: Col. 20 - Ask the total cost incurred for the provision of food (meals, snacks, refreshments) to exchange and hired farm laborers.

Col. 21 - Get the prevailing wage rate per day for all the activities performed by unpaid workers.

F. LABOR INPUTS (in focus farm/area) ...continued

Activity	Sex	Operator Labor			Family Labor			Exchange Labor			Hired Labor					How much was the total food cost incurred? (Pesos)	How much was the prevailing wage rate per day in the locality? (Pesos)			
		How many days were spent?	How many hours per day were spent?	Total Mandays	How many persons worked in the farm?	On the average,		Total Mandays	How many persons worked in the farm?	On the average,		Total Mandays	How many persons worked in the farm?	On the average,				Total Mandays	Total Payment (Pesos)	
						how many days did they work?	how many hours per day were spent?			how many days did they work?	how many hours per day were spent?			how many days did they work?	how many hours per day were spent?				How much was paid in cash?	How much was paid in kind?
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
7. Hauling of produced	1- M		·	·			·	·			·	·			·	·	·	·	·	·
	2 - F		·	·			·	·			·	·			·	·	·	·	·	·
8. Drying	1- M		·	·			·	·			·	·			·	·	·	·	·	·
	2 - F		·	·			·	·			·	·			·	·	·	·	·	·
9. Packing	1- M		·	·			·	·			·	·			·	·	·	·	·	·
	2 - F		·	·			·	·			·	·			·	·	·	·	·	·
10. Others (specify): _____	1- M		·	·			·	·			·	·			·	·	·	·	·	·
	2 - F		·	·			·	·			·	·			·	·	·	·	·	·
_____	1- M		·	·			·	·			·	·			·	·	·	·	·	·
	2 - F		·	·			·	·			·	·			·	·	·	·	·	·
_____	1- M		·	·			·	·			·	·			·	·	·	·	·	·
	2 - F		·	·			·	·			·	·			·	·	·	·	·	·
_____	1- M		·	·			·	·			·	·			·	·	·	·	·	·
	2 - F		·	·			·	·			·	·			·	·	·	·	·	·

NOTE: Col. 20 - Ask the total cost incurred for the provision of food (meals, snacks, refreshments) to exchange and hired farm laborers.

Col. 21 - Get the prevailing wage rate per day for all the activities performed by unpaid workers.

G. OTHER PRODUCTION COSTS (in focus farm/area)										H. PRODUCTION AND DISPOSITION (in focus farm/area)		
Item	How much was spent in cash? (Pesos)	Imputed Cost (Pesos)	Non-cash costs							Item	Quantity in kilogram	
			What commodity was used as payment?	How many units?	What was the unit of measure?	What is the weight per unit in kilogram?	What was the price per unit? (Pesos)	What is the total quantity in kilogram? Col (5 x 7)	What is the total value? (Pesos) Col (5 x 8)		Fresh	Dry
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(1)	(2)	(3)
1. Salaries of employees (monthly)	· _ _			· _ _		· _ _	· _ _	· _ _	· _ _	1. Area harvested: ____ . ____ ha.		
2. Wage/share of caretaker (monthly)	· _ _			· _ _		· _ _	· _ _	· _ _	· _ _	2. Production	· _ _	· _ _
3. Cooperative fees (annual)	· _ _			· _ _		· _ _	· _ _	· _ _	· _ _	On the average, 1 kilogram of dried seaweed is equivalent to:	· _ _	
4. Rentals / rent free (per cropping)											3. Disposition	
4.1 Dryer	· _ _	· _ _		· _ _		· _ _	· _ _	· _ _	· _ _	3.1 Sold	· _ _	· _ _
4.2 Engine	· _ _			· _ _		· _ _	· _ _	· _ _	· _ _	Price/kg		
4.3 Boat	· _ _	· _ _		· _ _		· _ _	· _ _	· _ _	· _ _	Fresh: P ____ . ____		
4.4 Tools and equipment		· _ _		· _ _		· _ _	· _ _	· _ _	· _ _	Dry: P ____ . ____		
4.5 Others (specify)										3.2 Harvesters' share	· _ _	· _ _
_____	· _ _	· _ _		· _ _		· _ _	· _ _	· _ _	· _ _	3.3 Caretaker's share	· _ _	· _ _
_____	· _ _	· _ _		· _ _		· _ _	· _ _	· _ _	· _ _	3.4 Other laborers' share	· _ _	· _ _
5. Fuel and oil (per cropping)	· _ _			· _ _		· _ _	· _ _	· _ _	· _ _	3.5 For home consumption	· _ _	· _ _
6. Transport cost of inputs (per cropping)	· _ _			· _ _		· _ _	· _ _	· _ _	· _ _	3.6 For seedlings	· _ _	· _ _
7. License / permits (annual)	· _ _			· _ _		· _ _	· _ _	· _ _	· _ _	3.7 Given away	· _ _	· _ _
8. Interest payment on loan (annual)	· _ _			· _ _		· _ _	· _ _	· _ _	· _ _	3.8 Harvested for seedling	· _ _	· _ _
9. Others (specify)										Price/kg: P ____ . ____		
_____	· _ _	· _ _		· _ _		· _ _	· _ _	· _ _	· _ _	3.9 Wastage	· _ _	· _ _
_____	· _ _	· _ _		· _ _		· _ _	· _ _	· _ _	· _ _	3.10 Others (specify):		
_____	· _ _	· _ _		· _ _		· _ _	· _ _	· _ _	· _ _	_____	· _ _	· _ _
_____	· _ _	· _ _		· _ _		· _ _	· _ _	· _ _	· _ _	_____	· _ _	· _ _

