

## Endline Survey Part 1- Production, Income and Cost

Date: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Name of District: \_\_\_\_\_ Name of Sub-District: \_\_\_\_\_

Name of the Farmer Group: \_\_\_\_\_

Name of Farmer: \_\_\_\_\_ Male/Female: \_\_\_\_\_ Tel. No.: \_\_\_\_\_

Please indicate the information of horticultural crops (do not include other crops such as maize and sugarcane) in the last cropping season.

1. Crop Name and Variety	2. Area under the Crop in meter x meter (m <sup>2</sup> ) or in ha 100m <sup>2</sup> =0.01ha 1,000m <sup>2</sup> =0.1ha 10,000m <sup>2</sup> =1ha		3. Production sold at market in various unit (e.g. bags, crates, bundles, bushels, etc.)	4. Production sold at market in kg (converted into kg)	5. Production sold at market in kg per ha	6. Average Price per various unit (local currency per unit)	7. Average Price per kg (converted into kg) in local currency	8. Total Income in local currency	9. Total Cost of Production in local currency (incl. inputs, transportation, labor, etc.)	10. Net Income (profit) in local currency
1	2 a.	2 b.	3	4	(4./2 b.)	6	6./unit conversion in box	(3. x 6.)or (4. x7.)	9	8. – 9.
1 <sup>st</sup> Crop:	M x M (m <sup>2</sup> )	ha	(unit: )	kg	kg	(unit: )				
2 <sup>nd</sup> Crop:	M x M (m <sup>2</sup> )	ha	(unit: )	kg	kg	(unit: )				
3 <sup>rd</sup> Crop	M x M (m <sup>2</sup> )	ha	(unit: )	kg	kg	(unit: )				
4 <sup>th</sup> Crop	M x M (m <sup>2</sup> )	ha	(unit: )	kg	kg	(unit: )				

**Please indicate unit conversions in the box below. (e.g.) 1 bag of Irish Potato = 110 kg, 1 head of Cabbage = 2 kg**

**Please write what changes you have made after SHEP. (e.g. Found a new buyers who buy a large quantity. Started group purchasing of certified seed to reduce cost)**

# <Example>

## Endline Survey Part 1- Production, Income and Cost

Date: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Name of District: \_\_\_\_\_ Name of Sub-District: \_\_\_\_\_

Name of the Farmer Group: \_\_\_\_\_

Name of Farmer: \_\_\_\_\_ Male/Female: \_\_\_\_\_ Tel. No.: \_\_\_\_\_

Please indicate the information of horticultural crops (do not include other crops such as maize and sugarcane) in the last cropping season.

1.Crop Name and Variety	2.Area under the Crop in meter x meter (m <sup>2</sup> ) or in ha 100m <sup>2</sup> =0.01ha 1,000m <sup>2</sup> =0.1ha 10,000m <sup>2</sup> =1ha		3. Production sold at market in various unit (e.g. bags, crates, bundles, bushels, etc.)	4. Production sold at market in kg (converted into kg)	5.Production sold at market in kg per ha	6. Average Price per various unit (local currency per unit)	7. Average Price per kg (converted into kg) in local currency	8.Total Income in local currency	9.Total Cost of Production in local currency (incl. inputs, transportation, labor, etc.)	10.Net Income (profit) in local currency
1	2 a.	2 b.	3	4	4/2 b.	6.	6./unit conversion in box	(3. x 6.)or (4. x7.)	9	8.-9.
1 <sup>st</sup> Crop: Tomato Cal j	M x M (M <sup>2</sup> ) 20X100= 2,000m <sup>2</sup>	0.2ha	100 (unit: crate)	2,000kg	10,000kg	\$25 (unit: crate)	\$1.25	\$2,500	\$600	\$1,900
2 <sup>nd</sup> Crop:	M x M (m <sup>2</sup> )	ha	(unit: )	kg	kg	(unit: )				
3 <sup>rd</sup> Crop	M x M (m <sup>2</sup> )	ha	(unit: )	kg	kg	(unit: )				
4 <sup>th</sup> Crop	M x M (m <sup>2</sup> )	ha	(unit: )	kg	kg	(unit: )				

Please indicate unit conversions in the box below. (e.g.) 1 bag of Irish Potato = 110 kg, 1 head of Cabbage = 2 kg

1 crate of tomatoes = 20kg

Please write what changes you have made after SHEP. (e.g. Found a new buyers who buy a large quantity. Started group purchasing of certified seed to reduce cost)

I started producing a variety of tomatoes, Cal j, which the market prefers. That particular variety of tomatoes can sell at a higher price.  
I started to arrange transportation with my group members to reduce the transportation cost.

## Endline Survey Part 2- Agricultural Techniques

Date: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Name of District: \_\_\_\_\_ Name of Sub-District: \_\_\_\_\_

Name of the Farmer Group: \_\_\_\_\_

Name of Farmer: \_\_\_\_\_ Male/Female: \_\_\_\_\_ Tel. No.: \_\_\_\_\_

\* Please tick "YES" or "NO" to the following questions. Write any additional information in the margin.

Pre to Post Cultivation Stages	Items	Horticultural Techniques Advocated for Adoption	Yes	No
1 Pre-Cultivation Preparation	Q 1	Do you undertake a <b>market survey</b> to determine the crop(s) to cultivate each season?		
	Q 2	Do you prepare and use <b>crop calendar(s)</b> based on the market survey results?		
	Q 3	Do you undertake <b>soil testing</b> at least once in two years for vegetables/annual flowers; or before the planting for fruit trees/perennial flowers?		
	Q 4	Do you use recommended <b>composting</b> practices by using different organic materials to supply major nutrients: Nitrogen (N), Phosphorus (P), and Potassium (K) in preparing compost/manure?		
	Q 5	Do you use recommended <b>quality planting material(s)</b> with one or more of the following characteristics: disease resistance and tolerance, high yield, early maturity, better tastes, size, and longer shelf life?		
2 Land Preparation	Q 6	Do you use with one or more following recommended <b>land preparation practices</b> in management of pests & diseases: solarization, timely ploughing, appropriate depth of ploughing, and minimizing movement of soil to check possible spread soil borne pests & diseases?		
	Q 7	Do you <b>incorporate crop residue</b> at least two months before planting into the farm during ploughing to enhance recycling of nutrients?		
	Q 8	Do you incorporate compost/manure or organic fertilizer as a <b>basal application</b> at least 1-2 weeks before the planting?		
3 Crop Establishment (Planting/Transplanting)	Q 9	Do you use recommended practices in <b>raising seedlings</b> for vegetables/annual flowers or use seedlings for fruit trees/perennial flowers raised from recognized nursery(s)?		
	Q 10	Do you use recommended planting/transplanting <b>spacing</b> ?		
	Q 11	Do you plant/transplant using recommended <b>fertilizer application rates</b> ?		
4 Crop Management	Q 12	Do you <b>supplement crop water requirement</b> through one or more of the following irrigation methods: watering can, overhead, drip, and furrow to meet the minimum crop water requirement?		
	Q 13	Do you ensure timely weeding and use of appropriate weeding tools in <b>managing of weeds</b> ?		
	Q 14	Do you undertake appropriate <b>top-dressing</b> practices: timeliness, type and recommended rate of application, and method of application?		
	Q 15	Do you use at least two of the following <b>Integrated Pests Management (IPM) practices</b> : cultural, biological, physical and chemical?		
	Q 16	Do you observe the following use of <b>safe and effective use of pesticides</b> : appropriate doses, recommended pesticides, and Pre Harvest Interval (PHI)?		
5 Harvest	Q 17	Do you use at least one of the following <b>harvesting indices</b> :		

			color, size, shape, and firmness?		
6	Post-Harvest Handling	Q 18	Do you use <b>harvesting/storage/transportation containers/standard packaging materials</b> with following characteristics: well-ventilated, easy to clean, and smooth thus minimizing damages?		
		Q 19	Do you apply one of the following recommended value addition techniques: <b>cleaning, sorting, grading, packaging or processing of the produce</b> ?		
7	Cost and Income Analysis	Q 20	Do you keep records on cost of production and sales and undertake <b>cost and income analysis</b> ?		
8	Collective Action	Q21	Do you purchase agricultural inputs such as seed, fertilizer and chemicals as a <b>group (group purchasing)</b> ?		
		Q22	Do you arrange transportation of the produce collectively or sell your produce collectively ( <b>group selling</b> )?		
		Q23	As a group, do you select target crops and plan production/marketing strategies collectively with the group members?		

**Please write what changes you have made after SHEP.** (e.g. Started making compost. Started to keep farm records.)

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