

## An Interview Schedule / Questionnaire on

## A comparative profitability analysis of Vermi-Compost demonstrated by PIU-DAE under NATP-2

Project Implementation Unit (PIU)

National Agricultural Technology Program Phase II Project (NATP-2) (1st Revised)

Department of Agricultural Extension (DAE)

Khamarbari, Farmgate, Dhaka 1215.

**1. General Information:****Sample No.:** .....

Name of the Participant/ Respondent	:			
Nature of Participant/ Respondent	:	<input type="checkbox"/> CIG	<input type="checkbox"/> Non-CIG	
Address	:	Block		
		Village		
		Upazila		
		District		
		Region		
Mobile Number	:			
Gender	:	<input type="checkbox"/> Male	<input type="checkbox"/> Female	
Religion	:	<input type="checkbox"/> Islam <input type="checkbox"/> Christian <input type="checkbox"/> Hindu	<input type="checkbox"/> Buddhist <input type="checkbox"/> Others (Specify)	
Age (Years)	:			
Level of Education	:	<input type="checkbox"/> Illiterate <input type="checkbox"/> Can Sign Only <input type="checkbox"/> Primary	<input type="checkbox"/> Secondary <input type="checkbox"/> Graduation and/or more	
Occupation	:	<input type="checkbox"/> Main		
		<input type="checkbox"/> Secondary		
Annual Income	:	Occupation/ Source of Income		Amount (Tk)
		Agriculture	Crops	
			Livestock	
			Fisheries	
			Forestry	
		Non-Agriculture	Business	
			Service	
			Others	
	Total Income			
Farmer's Category	:	<input type="checkbox"/> Small (Up to 2.40 acres)		
		<input type="checkbox"/> Medium (2.5-7.4 acres)		
		<input type="checkbox"/> Large (7.5 acres or more)		

**2. Family Size & Type:**

Family Size				Family Type			Working Member	Disabled members
Gender	Less than 15 Years	15-59 Years	60 Years and above	Small (3-4 Persons)	Medium (5-6 Persons)	Large (7 & more)		
Male								
Female								

**3. Technology for: Vermi-compost (Put tick mark)**

Technology	Producer & User	Producer & Seller	Only Producer	Only Seller	Only User	None
Vermicompost						

**4. Methods of Vermi-Compost Production:**

Methods	Put tick mark
Bed Method	
Pit Method	
Others (Specify)	

**5. Farm Size/Types of Used Area (decimal):**

Own Land	Rented In	Rented Out	Mortgaged In	Mortgaged Out	Total Land

**6. Land Use Cost or Rent Per Year:**

Items	Used Area (decimal)/Number of ring	Land Use Cost or Rent (Tk) Per Year	Land Use Cost (Tk/ ha/Year)
Vermi-Compost			

**7. Production Cost: (Tk= Taka, Kg=Kilogram, MD= Man per day)**

Sl. No.	Cost's	Unit's	Quantity (Q)	Value (V)(Tk.)	Total Cost (Q*V) (Tk)
A.	<b>Variable Cost</b>				
1	Material Costs	Tk.			
i.	Agricultural wastes and cow dung	Kg.			
ii.	Earthworms	Kg.			
2	Labor costs				
i.	Cost of worm separation	MD			
ii.	Cost of watering	MD			
iii.	Costs of wastes collection	MD			
iv.	Cost of Sieving	MD			
3	Interest on working capital	Tk			
4	Others (Specify)				
	Total Variable Cost				
B.	<b>Fixed Cost</b>				
1.	Land Rent	Tk.			
2.	Working shed cost	Tk.			
3.	Tool & machinery	Tk.			
4.	Others (Specify)	Tk.			
	Total Fixed Cost				
C.	Total Production Cost (A+B)				

**8. Returns from Production:**

Sl. No.	Particulars	Quantity Produced( Kg) in one cycle	Production per Year (1/2/3 times)	Total Quantity produced (kg)	Rate (Tk./ kg)	Total Amount(Tk.)
1.	Vermi-Compost					
2.	Earthworm					
3.	Others (Specify)					
4.	Total Income					

**9. Problem faced by growers/producers : Ranking (1-5 Scale, High=5, Medium=3, Low=1)**

Sl No.	Problems	Ranking (Please Tick Marks)		
		High	Medium	Low
<b>Problems during Production</b> (Example: Capital, seed/seedling availability & price, fertilizer price & availability, insecticides, pesticides availability & price ..... etc.)				
1.				
2.				
3.				
4.				
5.				
<b>Problems during Marketing</b> (Example: Storage facilities, marketing facilities, dominance of intermediates .....etc.)				
1.				
2.				
3.				
4.				
5.				
<b>Social &amp; Natural Problems</b> (Example: Pest & diseases infestation, drought, heavy rainfall, flash flood, damage by domestic animals..... etc.)				
1.				
2.				
3.				
4.				
5.				

**10. Suggestions to overcome the above problems:**

Sl. No	Suggestions to overcome the problems
Suggestions to overcome the problems during Production	
1	
2	

3	
4	
5	
Suggestions to overcome the problems during Marketing	
1	
2	
3	
4	
5	
Suggestions to overcome Social & Natural Problems	
1	
2	
3	
4	
5	

#### 11. Impact:

Sl No.	Description	2016-2017	2022-2023
1.	Area Under production		
2.	Production Cost (Tk)		
3.	Quantity of Production (Ton)		
4.	Income (Tk)		
5.	Benefits (Tk)		
6.	Others (Specify)		

#### 12. Suggestions from interviewee:

Sl No.	Topics	Description
1.	Marketing plan (transportation, carrying materials ..... etc. support from project)	

2.	Personal views of interviewee about the technology (Suitability, Profitability, viability, marketing barrier, adaptability ... )	

### 13. Basic Information on Vermicompost Use:

- i. From when you use Vermicompost?\_\_\_\_\_yrs
- ii. Did you receive any training on Vermicompost use? Yes/No  
If yes, How many nos.\_\_\_\_\_:  
Total duration of training:\_\_\_\_\_days
- iii. Did you receive any training of agriculture? Yes/No  
If yes, How many days? \_\_\_\_\_
- iv. Did you receive any advice from SAAO on Vermicompost use? Yes/No  
If yes, How many times in last year\_\_\_\_\_no's.
- v. Do you think vermicompost use is environmental friendly? Yes/No
- vi. Do you think vermicompost is less costly? Yes/No
- vii. Do you think vermicompost can be integrated with chemical fertilizer? Yes/No
- viii. Do you think use of vermicompost reduce soil borne disease? Yes/No
- ix. Do you think vermicompost increase profitability? Yes/No
- x. Do you think vermicompost increase yield? Yes/No
- xi. Do you think vermicompost reduce pesticide application? Yes/No

**14. Suggestions from interviewer:**

Sl No.	Description
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

Thank You for your kind co-operation.

Dated: .....

.....  
Signature of the Interviewee

Dated: .....

.....  
Signature of the Interviewer