

An Interview Schedule / Questionnaire on

A Comparative Profitability Analysis of Fruit Bagging Technology 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"/> Buddhist	
		<input type="checkbox"/> Christian	<input type="checkbox"/> Others (Specify)	
		<input type="checkbox"/> Hindu		
Age (Years)	:			
Level of Education	:	<input type="checkbox"/> Illiterate	<input type="checkbox"/> Secondary	
		<input type="checkbox"/> Can Sign Only	<input type="checkbox"/> Graduation	
		<input type="checkbox"/> Primary	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: Fruit Bagging Technology in Mango, Guava and Banana

Sl No.	Fruit Name	Variety Name	Put tick mark
1.	Mango	BARI Mango 4	
		BARI Mango 11	
2.	Guava	BARI Guava 3	
		BARI Guava 4	
3.	Banana	BARI Banana 2	
		BARI Banana 3	

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

Own Cultivated Land	Rented In	Rented Out	Mortgaged In	Mortgaged Out	Total Cultivable Land

5. Used Land Cost or Rent Per Year:

Fruits Name	Variety Name	Used Area (decimal)	Land Use Cost or Rent (Tk) Per Year	Land Use Cost (Tk/ ha/Year)
Mango	BARI Mango 4			
	BARI Mango 11			
Guava	BARI Guava 3			
	BARI Guava 4			
Banana	BARI Banana 2			
	BARI Banana 3			

6. Bagging Materials (Put tick mark):

Fruits Name	Variety Name (Put tick mark)		Bagging Materials (Put tick mark)	
Mango	BARI Mango 4		Brown paper bag	
	BARI Mango 11		Newspaper bag	
Guava	BARI Guava 3		Black polybag	
	BARI Guava 4		Transparent polybag	
Banana	BARI Banana 2		Plastic bag,	
	BARI Banana 3		Two layer paper (black inside with brown, waxed, and white outside)	
			Others (Specify)	

7. Cost for Mango/Guava/Banana Production:

Mango:

Items	Cost			
	With fruit bagging		Without fruit bagging	
	BARI Mango 4	BARI Mango 11	BARI Mango 4	BARI Mango 11
Human labour cost (hired)				
Human labour cost(family)				
Seed/Seedling cost				
Manure				
Cowdung				
Oilcake				
Fertilizer cost				
Urea				
TSP				
MoP/MP				
Compost				
Micronutrients				
Irrigation				
Insecticide				
Pesticide				
Stick cost				
Fruit Bag				
Total Variable cost				
Opportunity cost of land				
Total Fixed cost				
Gross Cost				

Guava:

Items	Cost			
	With fruit bagging		Without fruit bagging	
	BARI Guava 3	BARI Guava 4	BARI Guava 3	BARI Guava 4
Human labour cost (hired)				
Human labour cost(family)				
Seed/Seedling cost				
Manure				
Cowdung				
Oilcake				
Fertilizer cost				
Urea				
TSP				
MoP/MP				
Compost				
Micronutrients				
Irrigation				
Insecticide				
Pesticide				
Stick cost				
Fruit Bag				
Total Variable cost				
Opportunity cost of land				
Total Fixed cost				
Gross Cost				

Banana:

Items	Cost			
	With fruit bagging		Without fruit bagging	
	BARI Banana 2	BARI Banana 3	BARI Banana 2	BARI Banana 3
Human labour cost (hired)				
Human labour cost(family)				
Seed/Seedling cost				
Manure				
Cowdung				
Oilcake				
Fertilizer cost				
Urea				
TSP				
MoP/MP				
Compost				

Micronutrients				
Irrigation				
Insecticide				
Pesticide				
Stick cost				
Fruit Bag				
Total Variable cost				
Opportunity cost of land				
Total Fixed cost				
Gross Cost				

8. Returns of Production:

Mango:

Items	BARI Mango 4			BARI Mango 11		
	Quantity (Ton/ha)	Unit Price (Tk/Kg)	Total Return (Tk)	Quantity (Ton/ha)	Unit Price (Tk/Kg)	Total Return (Tk)
Return on main product						
Return on by product (Specify)						

Guava:

Items	BARI Guava 3			BARI Guava 4		
	Quantity (Ton/ha)	Unit Price (Tk/Kg)	Total Return (Tk)	Quantity (Ton/ha)	Unit Price (Tk/Kg)	Total Return (Tk)
Return on main product						
Return on by product (Specify)						

Banana:

Items	BARI Banana 2			BARI Banana 3		
	Quantity (Ton/ha)	Unit Price (Tk/Kg)	Total Return (Tk)	Quantity (Ton/ha)	Unit Price (Tk/Kg)	Total Return (Tk)
Return on main product						
Return on by product (Specify)						

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

Mango:

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

Guava:

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

Banana:

Sl No.	Problems	Ranking (Please Tick Marks)		
		High	Medium	Low
Problems during Production (Example: Capital, seed/seedling availability & price, fertilizer price & availability, insecticides, pesticides availability & price etc.)				
1.				
2.				
3.				
4.				
5.				
Problems during Marketing (Example: Storage facilities, marketing facilities, dominance of intermediatesetc.)				
1.				
2.				
3.				
4.				
5.				
Social & Natural Problems (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:

Mango:

Sl. No.	BARI Mango 4	BARI Mango 11
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		

Guava:

Sl. No.	BARI Guava 3	BARI Guava 4
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		

Banana:

Sl. No.	BARI Banana 2	BARI Banana 3
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:

Mango:

Sl No.	Description	BARI Mango 4		BARI Mango 11	
		2016-2017	2022-2023	2016-2017	2022-2023
1.	Area Under Cultivation (ha)				
2.	Variety (Put tick mark)				
3.	Production Cost (Tk)				
4.	Quantity of Yield (Ton)				
5.	Income (Tk)				
6.	Benefits (Tk)				
7.	Others(Specify)				

Guava:

Sl No.	Description	BARI Guava 3		BARI Guava 4	
		2016-2017	2022-2023	2016-2017	2022-2023
1.	Area Under Cultivation (ha)				
2.	Variety (Put tick mark)				
3.	Production Cost (Tk)				
4.	Quantity of Yield (Ton)				
5.	Income (Tk)				
6.	Benefits (Tk)				
7.	Others(Specify)				

Banana:

Sl No.	Description	BARI Banana 2		BARI Banana 3	
		2016-2017	2022-2023	2016-2017	2022-2023
1.	Area Under Cultivation (ha)				
2.	Variety (Put tick mark)				
3.	Production Cost (Tk)				
4.	Quantity of Yield (Ton)				
5.	Income (Tk)				
6.	Benefits (Tk)				
7.	Others(Specify)				

12. Suggestions from interviewee:

Mango:

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 ...)	

Guava:

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 ...)	

Banana:

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. 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