

Questionnaire (For DD/ UAO)

A Comparative Profitability Analysis of Five Most Potential Technologies 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:

a.	Name of Officer	:	
b.	Name of Office	:	
c.	Mobile No.	:	
d.	E-mail address	:	
e.	Name of Upazila	:	
f.	Name of District	:	
g.	Name of Region	:	
h.	Number of Block under upazila/Zilla	:	

2. Farmer Categories:

Farm Sizes	% of Hoseholds	Remarks
Landless (<0.49 acres)		
Marginal (0.50-0.99 acres)		
Small (1.00-2.49 acres)		
Medium (2.50-7.49 acres)		
Large (>7.50 acres)		
Total	100	

3. Land types

Land types	Area (ha)	%
High land		
Medium high land		
Medium low land		
Low land		
Very low land		
Total		

4. Agro Ecological Zone

Sl no.	Name of AEZ	Area (ha)	%
1.			
2.			
3.			
4.	Total		

5. Land types and land use:

Land type		Land use (single/double/triple etc.)		Remarks
Land type	NCA%	Types of cropped area	Area covered (ha)	
High land				
Medium high land				
Medium low land				
Low land				
Very low land				
Total				

6. Sources of seeds/ seedlings/inoculum

Item/Fruits/Vegetables	Sources and amount (gm or kg or number of seedlings/saplings)				
	Farmer's own	BADC dealers	Local Market	Neighbor	Others(please mention)
Vermi-Compost					
Tricho-Compost					
BARI Mango 4					
BARI Mango 11					
BARI Guava 3					
BARI Guava 4					
BARI Banana 2					
BARI Banana 3					
BARI Hybrid Tomato 4					
BARI Hybrid Tomato 8					
BARI Lalshak1					
Hybrid Lalshak (Specify)					
Lalshak (Local)					
BARI Puishak 2					
Hybrid Puishak (Specify)					
Puishak (Local)					
BARI Gimakolmi 1					
Hybrid Tomato (Specify)					
Hybrid Okra (Specify)					
BARI Lau 1					

7. Technology Used:

Sl No.	Name of the Technology	Item/Fruits/Vegetables	Item/Variety	Put tick mark
i.	Production Technology of Vermi-Compost	Vermi-Compost	Vermi-Compost	
ii.	Production Technology of Tricho-Compost	Tricho-Compost	Tricho-Compost	
iii.	Fruit Bagging Technology in Mango, Guava and Banana	Mango	BARI Mango 4	
			BARI Mango 11	
		Guava	BARI Guava 3	
			BARI Guava 4	
		Banana	BARI Banana 2	
			BARI Banana 3	
iv.	Production Technology of Summer Tomato	Tomato	BARI Hybrid Tomato 4	
			BARI Hybrid Tomato 8	
v.	Production Technology of Vegetables in Floating Bed	Lalshak	BARI Lalshak1	
			Hybrid Lalshak (Specify)	
			Lalshak (Local)	
		Puishak	BARI Puishak 2	
			Hybrid Puishak (Specify)	
			Puishak (Local)	
		Kangkong	BARI Gimakolmi 1	
		Tomato	Hybrid Tomato (Specify)	
		Okra	Hybrid Okra (Specify)	
		Bottle Gourd	BARI Lau 1	
			Hybrid Lau (Specify)	

8. Demonstration Plot/ area size (number of ring, decimal/acre/ha- use suitable one for the technology)

Sl No.	Name of the Technology	Item/Variety	Area used for each demonstration	Production cost (Tk for each demonstration)	Production/Yield/ Output per demonstration (Ton or Kg)	Income (Tk)
i.	Production Technology of Vermi-Compost	Vermi-Compost				
ii.	Production Technology of Tricho-Compost	Tricho-Compost				
iii.	Fruit Bagging Technology in Mango, Guava and Banana	BARI Mango 4				
		BARI Mango 11				
		BARI Guava 3				
		BARI Guava 4				
		BARI Banana 2				
		BARI Banana 3				
iv.	Production Technology of Summer Tomato	BARI Hybrid Tomato 4				
		BARI Hybrid Tomato 8				
v.	Production Technology of Vegetables in Floating Bed	BARI Lalshak1				
		Hybrid Lalshak (Specify)				
		Lalshak (Local)				
		BARI Puishak 2				
		Hybrid Puishak (Specify)				
		Puishak (Local)				
		BARI Gimakolmi 1				
		Hybrid Tomato (Specify)				
		Hybrid Okra (Specify)				
		BARI Lau 1				
		Hybrid Lau (Specify)				

9. Number of Demonstration:

Sl No.	Name of the Technology	Item/ Fruits & Vegetables Variety Name	Number of demonstration						
			2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
i.	Production Technology of Vermi-Compost	Vermi-Compost							
ii.	Production Technology of Tricho-Compost	Tricho-Compost							
iii.	Fruit Bagging Technology in Mango, Guava and Banana	BARI Mango 4							
		BARI Mango 11							
		BARI Guava 3							
		BARI Guava 4							
		BARI Banana 2							
		BARI Banana 3							
iv.	Production Technology of Summer Tomato	BARI Hybrid Tomato 4							
		BARI Hybrid Tomato 8							
v.	Production Technology of Vegetables in Floating Bed	BARI Lalshak1							
		Hybrid Lalshak (Specify)							
		Lalshak (Local)							
		BARI Puishak 2							
		Hybrid Puishak (Specify)							
		Puishak (Local)							
		BARI Gimakolmi 1							
		Hybrid Tomato (Specify)							
		Hybrid Okra (Specify)							
		BARI Lau 1							
		Hybrid Lau (Specify)							

10. Technology Practiced Area (number of ring, decimal/acre/ha- use suitable one for the technology) under respected periphery:

Sl No.	Name of the Technology	Item/ Fruits & Vegetables Variety Name	Technology Practiced Area (ha)						
			2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
i.	Production Technology of Vermi-Compost	Vermi-Compost							
ii.	Production Technology of Tricho-Compost	Tricho-Compost							
iii.	Fruit Bagging Technology in Mango, Guava and Banana	BARI Mango 4							
		BARI Mango 11							
		BARI Guava 3							
		BARI Guava 4							
		BARI Banana 2							
		BARI Banana 3							
iv.	Production Technology of Summer Tomato	BARI Hybrid Tomato 4							
		BARI Hybrid Tomato 8							
v.	Production Technology of Vegetables in Floating Bed	BARI Lalshak1							
		Hybrid Lalshak (Specify)							
		Lalshak (Local)							
		BARI Puishak 2							
		Hybrid Puishak (Specify)							
		Puishak (Local)							
		BARI Gimakolmi 1							
		Hybrid Tomato (Specify)							
		Hybrid Okra (Specify)							
		BARI Lau 1							
		Hybrid Lau (Specify)							

11. Comparative assessment (number of ring, decimal/acre/ha- in case of area use suitable one for the technology):

Sl No.	Technology Name	Item/Variety Name	Production Cost (Tk)		Production/Output (Ton)		Income (Tk)	
			2016-17	2022-23	2016-17	2022-23	2016-17	2022-23
i.	Production Technology of Vermi-Compost	Vermi-Compost						
ii.	Production Technology of Tricho-Compost	Tricho-Compost						
iii.	Fruit Bagging Technology in Mango, Guava and Banana	BARI Mango 4						
		BARI Mango 11						
		BARI Guava 3						
		BARI Guava 4						
		BARI Banana 2						
		BARI Banana 3						
iv.	Production Technology of Summer Tomato	BARI Hybrid Tomato 4						
		BARI Hybrid Tomato 8						
v.	Production Technology of Vegetables in Floating Bed	BARI Lalshak1						
		Hybrid Lalshak (Specify)						
		Lalshak (Local)						
		BARI Puishak 2						
		Hybrid Puishak (Specify)						
		Puishak (Local)						
		BARI Gimakolmi 1						
		Hybrid Tomato (Specify)						
		Hybrid Okra (Specify)						
		BARI Lau 1						
		Hybrid Lau (Specify)						

12. Geographically Suitability & Technologically Profitability (Put tick mark):

Sl No.	Name of the Technology	Item/Variety	Geographically Suitability		Technologically Profitability	
			Suitable	Not Suitable	Profitable	Non Profitable
i.	Production Technology of Vermi-Compost	Vermi-Compost				
ii.	Production Technology of Tricho-Compost	Tricho-Compost				
iii.	Fruit Bagging Technology in Mango, Guava and Banana	BARI Mango 4				
		BARI Mango 11				
		BARI Guava 3				
		BARI Guava 4				
		BARI Banana 2				
		BARI Banana 3				
iv.	Production Technology of Summer Tomato	BARI Hybrid Tomato 4				
		BARI Hybrid Tomato 8				
v.	Production Technology of Vegetables in Floating Bed	BARI Lalshak1				
		Hybrid Lalshak (Specify)				
		Lalshak (Local)				
		BARI Puishak 2				
		Hybrid Puishak (Specify)				
		Puishak (Local)				
		BARI Gimakolmi 1				
		Hybrid Tomato (Specify)				
		Hybrid Okra (Specify)				
		BARI Lau 1				
		Hybrid Lau (Specify)				

- a. If the technology is suitable for your periphery, mention two to five key point for its suitability & If the technology is not suitable , mention two to five key point for its non-suitability-

Technology: Production Technology of Vermi-Compost-

Sl No.	Suitability	Nonsuitability
1.		
2.		
3.		
4.		
5.		

Technology: Production Technology of Tricho-Compost

Sl No.	Suitability	Nonsuitability
1.		
2.		
3.		
4.		
5.		

Technology: Fruit Bagging Technology in Mango, Guava and Banana

Sl No.	Suitability	Nonsuitability
1.		
2.		
3.		
4.		
5.		

Technology: Production Technology of Summer Tomato

Sl No.	Suitability	Nonsuitability
1.		
2.		
3.		
4.		
5.		

Technology: Production Technology of Vegetables in Floating Bed

Sl No.	Suitability	Nonsuitability
1.		
2.		
3.		
4.		
5.		

- b. If the technology is profitable for your periphery, mention two to five key point for its profitability & if the technology is not profitable , mention two to five key point for its nonprofitability-

Technology: Production Technology of Vermi-Compost-

Sl No.	Profitable	Nonprofitable
1.		
2.		
3.		
4.		
5.		

Technology: Production Technology of Tricho-Compost-

Sl No.	Profitable	Nonprofitable
1.		
2.		
3.		
4.		
5.		

Technology: Fruit Bagging Technology in Mango, Guava and Banana

Sl No.	Profitable	Nonprofitable
1.		
2.		
3.		
4.		
5.		

Technology: Production Technology of Summer Tomato

Sl No.	Profitable	Nonprofitable
1.		
2.		
3.		
4.		
5.		

Technology: Production Technology of Vegetables in Floating Bed

Sl No.	Profitable	Nonprofitable
1.		
2.		
3.		
4.		
5.		

13. Availability of the inputs and support services:

Sl No.	Input/ Support Services	Response	Sl.No.	Input/ Support Services	Response
i.	Good Seed/Seedlings		xi.	Molasses	
ii.	Compost		xii.	Maize bran	
iii.	Manure		xiii.	Sawdust	
iv.	Fertilizers		xiv.	Poultry refuse	
v.	Pesticides & Insecticides		xv.	Water hyacinth	
vi.	Cow dung		xvi.	Ash	
vii.	Micronutrients		xvii.	Human labor	
viii.	Hormone/PGR		xviii.	Animal power	
ix.	Earthworms		xix.	Power tiller	
x.	Trichoderma inoculum		xx.	Irrigation water	

Response Code: Easily available = 1, Less available = 2, Not easily available = 3

14. Market Related Information:

Item	Response	Remarks
What Vehicles are used in transporting products to market		
Is there any storage facilities?		
Mode of product marketing (individual/group)		
Is market information available?		
Distance of the nearest market place (km)		
Who is buyer of the product?		
Dominance of intermediaries		
Necessity of Farmer Collection Point		
Other (specify).....		
Other (specify).....		
Other (specify).....		

15. Constrains for the technologies success:

Sl No.	Major Constrains/Problems	Score
1.	Lack of.....	
2.	Scarcity of labour	
3.	Lack of technical knowledge how.....	
4.	Lack of credit	
5.	Unavailability of reliable seed/seedlings	
6.	Adequate certified quality seed	
7.	Adulterate fertilizers	
8.	High price of fertilizers	
9.	Unavailability and high price of pesticides & insecticides	
10.	Attack by pests and diseases	
11.	Damage by domestic animals	
12.	Transportation problem	

13.	Lack of Storage facility	
14.	Lack of marketing facilities	
15.	Getting weather information untimely	
16.	Not getting proper price of products	
17.	Other (specify).....	
18.	Other (specify).....	
19.	Other (specify).....	
20.	Other (specify).....	

Score: Score 1-10 (on the basis of severity)

16. Farmer's Needs/Desire:

Sl. No.	Famer's needs/ Desires	Score
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Score: Score 1-10 (on the basis of severity)

17. Recommendations or comments (if any):

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Thank You for your kind co-operation.

Dated:

.....
Signature of DD/UAO