

A P P E N D I XSCHEDULE FOR THE STUDY ON AN ECONOMIC ANALYSIS OF JUTE  
CULTIVATION IN COOCH BEHAR DISTRICT OF WEST BENGAL.

Block ..... Schedule No. ....

Village .....

## 1. Family Particulars:

Name of the cultivator	NO. of family members			No. of earners	Literacy
	Male	Female	Children		

## 2. Details of Permanent Labour:

- i) Number of persons (male/female) .....
- Term specify (contract/others) .....
- ii) Total days work per year .....
- iii) Total wage paid per year (in Rs. ) .....
- a) Cash .... (b) Kind..... (c) Clothing.....
- (d) Food .... (e) Misc..... (f) Total .....

## 3. Farmer's Total Land Area under Cultivation:

Total land		Jute		Aus		Other crops		F
Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	a
								l
								l
								o
								w

Jute season

- i) Land area owned
- ii) Land area leased-in
- iii) Land area leased out

Total cultivation area  
(i+ii-iii)

Last year's jute season

- i) Land area owned
- ii) Land area leased-in
- iii) Land area leased out

Total cultivated area (i+ii-iii)

- a) Charges for leased in area of jute .....
- b) Charges for leased in area of aus .....
- c) Land revenue, cess and other taxes per year/per bigha .....

## 4a) Farm Inventory:

	Number	Year of purchase	Value (Rs.)
Draft bullock			
Draft buffaloes			
Other animals			

b) Farm machineries/implements including irrigation equipments:

Name	No.	Purchase value with year	Life span	Present value	Annual repairing cost	Remarks
i)						
ii)						
iii)						
iv)						
v)						
vi)						
vii)						
viii)						
ix)						
x)						

5. Cropping Pattern:

Name of the crop with variety	Total area	Irrigated	Unirrigated	Total cropped area	Output	
					Per bigha	Value (Rs.)
Pre-khariff season						
khariff season						
Rabi season						

## 6. Labour Utilization by Operations for Jute (HYV/LV) per Bigha:

Operations	No. of days worked involved	No. of hours worked per day	No. of labour used			Categories of labour			Casual labour wage rate per day	Total casual labour cost	Pair of bullock labour used			Total No. of pair worked days	No. of hrs. worked per day	Rate of bullock labour pair day	Total cost of bullock labour
			M	F	C	Family	Permanent	Casual			owned	Hired	Hired				
			M	F	C	M	F	C			M	F	C				
HYV																	
Local																	
1) Land preparation ii) Sowing iii) FYM and fertilizer application (Basal + top dressing) iv) Irrigation v) Weeding and thinning vi) Plant protection vii) Harvesting and carrying viii) Bundling, retting, stripping and crying ix) Others:																	

Note : M = Male, F = Female, C = Child

Ca = Cash, K = Kind, T = Total

FYM = Farm Yard Manure

## 7. Labour Utilisation by Operations for Aus (HYV/LW) per Bigha:

Operations HYV / Local	No. of days worked involved	No. of hrs. worked per day	No. of labour used M F C	Categories of labour						Casual labour wage rate per day			Total casual labour cost	Pair of bullock labour used			Total No. of hrs. pair worked days worked	Rate of bullock labour pair day		Total cost of bullock labour	
				Family		Perma-		Casual		Ca	K	T		Hired with man	Hired with- out man	Hired		Hired	with man		without men
				M	F	M	F	M	F												
				M	F	C	M	F	C	M	F	C		Ca	K	T		Ca	K		T
i) Land preparation																					
ii) Sowing/Seedling/ Transplanting																					
iii) FYM and fertilizer application (Basal + top dressing)																					
iv) Irrigation																					
v) Weeding and thinning																					
vi) Plant protection																					
vii) Harvesting and carrying																					
viii) Threshing, winnowing and drying																					
ix) Others:																					

Note : M = Male, F = Female, C = Child.

Ca = Cash, K = Kind, T = Total

FYM = Farm Yard Manure.

Cost and other Information:

## 8. Land Preparation:

Date of operation .....

Was Land Preparation: Early/Normal/Late ? (tick)

If not normal, why? .....

## 9. Seed:

Date of sowing ..... Variety used .....

Was any other variety available ? Yes/No.

If yes, what are other varieties? .....

Crop	Quantity used per bigha		Price per quintal (Rs.)	Total cost (Rs.)
	Home produced	Purchased		

Jute

Aus

Did you treat the seed before sowing? Yes/No.

If yes, with what? .....

Method of sowing : Broadcasting/Line sowing

How line sowing done? Manually/Seed drill

## 10. Fertilizer and Manure Application per Bigha:

Jute					Aus				
Kind	Quantity used (Kg)	Price per kg (Rs.)	Total Cost (Rs.)	Source	Kind	Quantity used (kg)	Price per kg (Rs)	Total cost (Rs.)	Source

F. Y. M.

Oilcakes

Super-phosphate

Urea

Sufala

D. A. P.

Potash

Others

## 11. Irrigation (for Jute and Aus) per Bigha:

Type	Own	Coopera-	Others	Cost	Repair-	Opera-	Total	Time	R
Jute		tive	(speci-	per	ing	tion	cost	to	e
Aus			fy)	bigha	cost	cost	per	irri-	m
				for		(fuel,	bigha	gate	a
				irri-		oil		per	r
				gation		etc)		bigha	k
									s

RLI

STW

DTW

Wells

Tanks

Canals

Others

Did you have any problem to irrigate your plot? Yes/No.

If yes, give details .....

How can it be improved? .....

## 12. Intercultural Operation:

Do you find that weeds are a problem? Yes/No.

If yes, what is the major weeds? .....

How thinning done? Manually/Mechanically

## 13. Pests and Diseases:

Do you find that pest and disease are a problem? Yes/No.

If yes, types of pests and diseases .....

Did you take measure to control it? Yes/No.

If no, why? .....

If yes,

Types of pesticides	Sources	Quantity used per bigha	Price per unit	Total cost	Method of application
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Jute

Aus

14. Harvesting:

Date/Time of harvesting .....

What is your optimum stage of harvesting?(tick)

- i) before flowering
- ii) before the whole field turn yellow
- iii) when fully yellow in colour
- iv) after flowering
- v) at the time of pod preparation

15. Climatic Condition during this season (tick):

- rainfall
- winds
- hails
- storms
- others

Any loss due to this? .....

How much quantity per unit? .....

16. Rental Terms (Jute/Aus plot):

If the plot is rented in who pays for inputs and other cost of cultivation

(in percentage)					
	Seed Ferti- lizer	Water	Labour	Insecti- cides	Others
<u>Tenants</u>					
Jute					
Aus					
<u>Landlords</u>					
Jute					
Aus					

17. How Production is divided between tenant and landlord (in percentage):

	Fibre	Straw
Tenants		
Landlords		



## 18. Yield and Market Value:

Total area (owned + rented)	Total main product (q)	Total straw pro- duction (q)	Yield/bigha (q)		Price/q		Gross value of total product
			Main pro- duct	Straw	Main pro- duct	Straw	
Jute							
Aus							

a) Jute price per quintal at harvest	..... Rs.
At current	..... month
	..... Rs.
	..... month
Expected price for later sale	..... Rs.
	..... month
Government support price per quintal	..... Rs.
b) Aus price per quintal at harvest	..... Rs.
	..... month
At current	..... Rs.
	..... month
Expected price for later sale	..... Rs.
	..... month
Government support per quintal	..... Rs.

## 19. Disposal of Jute:

	Quantity (q)	Value (Rs.)
Paid to landlord		
Paid to labour		
Loan repaid (in kind)		
Sold at harvest		
Stored for later sale		
Family use		
Others		
Total :		
(Equal to total receipts)		

## 20. Disposal of straw (q);

Sold ..... Rs. .... per q.  
 Fuel.....  
 Housing purpose.....  
 Total production/disposal.....

## 21. How do you store fibre? .....

Is there any problem of storing? .....

## 22. Did you receive any loan to produce jute this season? Yes/No

If yes,

Source	Month received	Amount received			Rate of interest	Repayment				Remarks (security if any)
		cash	Kind	Total		Month	Cash	Kind	Total	
Banks										
Landlords										
Friends										
Relatives										
Others										

## 23. What are the problems you faced in the cultivation of jute? (tick)

- i) Untimeliness in supply of inputs
- ii) Higher price of inputs
- iii) Scarcity of irrigation facilities
- iv) Shortage of bullock labour
- v) Shortage of human labour (when?)
- vi) Retting problem
- vii) Insufficient credit facilities
- viii) Low price of jute
- ix) Non-remunerativeness of jute
- x) Marketing problems
- xi) Others

24(a) Do you prefer to grow other crops during this season of the year?

If yes, what crop?.....

Why? .....

(b) Do you plan to shift jute area to aus area? Yes/No.

If yes, reasons.....

25. What are the problems you faced in the marketing of jute? (tick)

- i) Shortage of Government purchase centre
- ii) Credit and forced sale
- iii) Weighing and grading
- iv) Low price
- v) Lack of bargaining power
- vi) Pact of middleman with Govt. purchase centre officials
- vii) Transportation
- viii) Others

26. Are you deprived of legal price by middlemen?

yes/No.

If yes, how? .....



28. What is your opinion about present jute price? .....

29. Why do you sale your products so early? (tick)

- i) Purchasing rice and food materials
- ii) Purchasing farm inputs and cattle  
(including seed, fertilizer, labour,  
implement etc.)
- iii) Other farm improvements and investments  
etc. (house, land etc.)
- iv) Repayment of debts
- v) Social ceremonies and other purpose.

30. General opinion of the Respondent for  
improvement of jute cultivation .....

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