BIBLIOGRAPHY
ABBREVIATIONS USED

EPW - Economic and Political Weekly
IJAE - Indian Journal of Agricultural Economics
ICSSR - Indian Council for Scientific & Social Research
ILO - International Labour Organisation
NIRD - National Institute for Rural Development (Hyderabad)
RBI - Reserve Bank of India

BIBLIOGRAPHY


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Patnaik, Utsa. (1972). "Economics of Farm Size and Farm Scale". EPW, Special Number, August.
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RECORDING SCHEDULE

PART A : General Information

1. Sl.No. __________ 2. Date __________
3. Name of the Village __________ 4. Name of the Hobli __________
5. Name of the Taluk __________
6. Name of the head of the household and age __________
7. Religion __________ 8. Caste __________
9. Housing facility: Own / Rented __________
10. Type of the House: RCC/Kaccha/Pucca/thatched(hut) __________
11. Facilities available in the House:
   a. Bath, b. Toilet, c. Separate kitchen, d. Pipe water, e. Any other (specify) __________
12. Is there any approach road to the house? Yes/No __________
13. Category to which the household belonged prior to the reform:
   Absentee landlord/tenant cultivator/owner cultivator/agricultural labourer (with land) / Landless labourer. __________
14. Category to which the household belongs today:
   Absentee landlord/tenant cultivator/Owner cultivator/Agricultural labour (owing some land)/landless labourer. __________
15. Details regarding the particulars of household:

<table>
<thead>
<tr>
<th>Name</th>
<th>Sex</th>
<th>Relationship with head of household</th>
<th>Age</th>
<th>Education</th>
<th>Marital Status</th>
<th>Occupation</th>
<th>Income</th>
<th>Remarks</th>
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W S
PART B

I. Land Reform - Productivity Change

Particulars regarding Land holdings

1.1. Have you lost land due to land reform measures? Yes/No

1.2. If yes, in which year did you lose land? Year ________

1.3. Name of the tenant/s to whom you have lost land.
   (i)   (ii)   (iii)   (iv)

1.4. How many acres of land did you lose?

   (a) 0 to 1   (b) 1 to 2.5   (c) 2.5 to 5
   (d) 5 to 7.5   (e) 7.5 to 10   (f) 5 to 10
   (g) 10 to 20   (h) 20 to 50   (i) 50 to 100
   (j) 100 and above

1.5. Have you gained land due to reform measures: Yes/No

1.6. If yes, how many acres did you gain (under your ownership)

   (a) 0 to 1   (b) 1 to 2.5   (c) 2.5 to 5
   (d) 5 to 7.5   (e) 7.5 to 10   (f) 10 to 20
   (g) 20 to 50   (h) 50 and above
### 1.7. Details regarding the present landholdings

<table>
<thead>
<tr>
<th>Sl.</th>
<th>Type of Land</th>
<th>Area in acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.</td>
<td></td>
<td>0- 1- 2.5- 5-</td>
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<tr>
<td></td>
<td></td>
<td>1 2.5 5 7.5 10 10 20 50 100 above</td>
</tr>
</tbody>
</table>

1. Wet land  
(with 3 crops)  
2. Wet land  
(with 2 crops)  
3. Rain fed land  
4. Garden land  
5. Cultivable waste  
6. Waste land –  
Non-cultivable for cultivation purpose  
7. Forest land  
8. Any other (specify)

---

### 1.8. Details regarding landholding before the reform

<table>
<thead>
<tr>
<th>Sl.</th>
<th>Type of Land</th>
<th>Area in acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.</td>
<td></td>
<td>0- 1- 2.5- 5-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 2.5 5 7.5 10 10 20 50 100 above</td>
</tr>
</tbody>
</table>

1. Wet Land  
(with 3 crops)  
2. Wet Land  
(with 2 crops)  
3. Dry land  
4. Garden land  
5. Cultivable waste  
6. Waste land  
(non-cultivable)  
7. Forest land

---

Total
1.9 Whether any land is taken away by the Government

Yes/No

1.10 If yes, how many acres? (specify)

1.11 Whether land acquired by the Government is redistributed?

Yes/No/Don't know

1.12 Have you added any land or converted the waste land into cultivating land under your possession after the reform

Yes/No

1.13 If yes, how many acres?

---------

2. CROPPING PATTERN

2.1 State the crops that you grow.

a. Paddy b. Cocoa c. Sugarcane
d. Areca nut e. Cashew nut f. Vegetables
g. Coconut h. Pepper i. Any other(specify)

2.2 How much are is under paddy cultivation? (area in acres)

a. 0 to 1, b. 1-2.5, c. 2.5 to 5, d. 5-7.5, e. 7.5-10,
f. 10-15, g. 15-20, h. 20-50, i. 50 and above.

2.3 How many crops do you grow per year? a. one, b. two c. three

2.4 Details for paddy crop.

<table>
<thead>
<tr>
<th>Crop</th>
<th>Area grown (in acres)</th>
<th>Quantity produced inRs.</th>
<th>Gross Value of cultivation</th>
<th>Total Cost</th>
<th>Value in Rs</th>
<th>Quantity if any</th>
<th>Monetary gains</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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</table>

Kharif

Rabi

Summer

Total
Before Reform

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<tr>
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<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
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<tr>
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<td>Rabi</td>
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</table>

2.5 Do you follow 'crop rotation' system  Yes/No

2.6 If yes, what are the other crops you grow: specify -

2.7 Do you follow this rotation system in all the cultivated area?  Yes/No

2.8 If no, in how many acres do you follow this system

2.9 Do you grow vegetables for market purpose?  Yes/No

2.10 If yes, on how many acres do you grow?  ------

2.11 How much do you earn per year by selling vegetables (amount in Rs.)

2.12 Details regarding the commercial crops grown:

a. Present

<table>
<thead>
<tr>
<th>S1. Name of the Crops</th>
<th>Total area cultivated</th>
<th>Total Quantity produced</th>
<th>Gross value (in Rs)</th>
<th>Total cost for production</th>
<th>Net income</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Arecanut</td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>2. Coconut</td>
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<tr>
<td>3. Cocoa</td>
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<tr>
<td>4. Pepper</td>
<td></td>
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</tbody>
</table>
Before the Reform

1. Arecanut
2. Coconut
3. Cocoa
4. Pepper

2.13 Have you shifted to commercial crops after you lost/gained (after the reform)? Yes/No

2.14 If yes, the main reason:

a. Labour problem  b. Managerial  c. Lack of cooperation
d. Financial  e. Irrigational facilities  f. any other(specify)

2.15 Do you continue the same cordial and cooperative relation with your ex-tenant/ex-landlord(regarding the cultivation practice)? Yes/No

2.16 If no, do you find any difficulty in cultivating your land? Yes/NO

2.17 If yes, what type of problem do you face?

a. Labour  b. Financial  c. Managerial
d. Irrigational  e. any other(specify)

2.18 Of all the crops you grow which one you find more risky (difficult to cultivate)


2.19 Were you participating in the cultivation activity before the reform? Yes/No

2.20 If yes, how many acres were under your personal cultivation?

2.21 How many acres of land under your personal cultivation now?

3. Details Regarding Inputs:

a. Divisible Inputs:
3.1 What are the major divisible inputs that you use for cultivation?
   a. Fertilizers       b. Seeds       c. Pesticides
   d. Water            e. Labour

3.2 Details regarding use of inputs (quantity in Kgs)

3.3 Input details for Arecanut and Coconut crops (per annum)

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Inputs</th>
<th>Before Reform Quantity Value in Rs.</th>
<th>After Reform Quantity Value in kgs</th>
<th>Rs.</th>
</tr>
</thead>
</table>

1. Fertilizers
2. Pesticides
3. Labour
4. Water
5. Seeds

4. Indivisible Inputs

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Inputs (indivisible)</th>
<th>Before Reform</th>
<th>Reform</th>
<th>After Reform</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>No. of</td>
<td>Size of</td>
<td>No. of inputs</td>
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<tr>
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</tr>
<tr>
<td>1.</td>
<td>Bullocks</td>
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<tr>
<td>2.</td>
<td>Farm Equipments</td>
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<tr>
<td>3.</td>
<td>Carts</td>
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<tr>
<td>4.</td>
<td>Any other</td>
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</tbody>
</table>

4.2 Do you hire out your bullocks? Yes/No

4.3 If yes, how much do you earn per year from this? Amount in Rs.

4.4 Have you sold/purchased bullocks after you lost/gained land? Yes/No

4.5 If yes, how many pairs did you sell/buy? Nos
4.6 Give reasons for selling/buying

5. Reclamation (Qualitative improvement)

5.1 Have you undertaken any development in your land so as to increase productivity after the reform? Yes/No

5.2 If yes, what is the reason: a. Personal interest over land  
  b. To meet the reduction of size of land and land income  
  c. To meet the expenditure over time  
  d. Any other

5.3 What are the major works that you have done to increase productivity: a. Land Reclamation  
  b. Irrigation  
  c. Cultivation of cultivable waste  
  d. Any other

5.4 If it is a, b, or c what was the cost involved in Rs.----------

5.5 Was this expenditure met by the compensation paid by the tenant? Yes/No (in case you lost land due to reform)

5.6 Was the expenditure met by the financial assistance given by the Government or any other agencies (if you are a tenant earlier): Government/Any other source (specify)

5.7 If yes, what is your opinion regarding this clause? a. Should be continues  
  b. Should be struck down

5.9 Have you converted paddy land into garden land after the reform? Yes/No

5.10 If yes, how many acres have you converted? Area in Acres 1.0

5.11 What is the reason for conversion? a. Labour problem  
  b. Higher income  
  c. Less risk  
  d. Any other(specify)

5.12 After gaining/losing the land to the tenants, in cultivating the remaining land are you taking? Yes/No
more interest?

5.13 If yes, what is the main reason for this?

a. Strained relation with tenant/landlord
b. Fear of losing the land further if you leave it to somebody else
c. Any other

5.14 Can you attribute this change as a general phenomenon to all landlords who lost land/tenant who gained land

Yes/No

6. Use of Modern techniques of production & HYV

6.1 Details regarding farm equipments (Modern)

Sl. No. Equipment Present Year of Purchase Cost and number Before the reform Year of Purchase and number

a. Huller

b. Pumpset
  i. Electric
  ii. Diesel

6.2 Do you own a Huller? Yes/No

6.3 If yes, how do you earn from it per annum? Rs. -------

6.4 Which irrigational facility do you have?

a. Canal  b. well
c. Tank  d. River

6.5 If well irrigation, do you own a pump set? Yes/No

6.5 Are you making use of HYV (for paddy) Yes/No

6.6 If yes, which variety do you use? ---------

6.7 Since when did you start using these HYV? Year -----

6.8 When the land was cultivated by the tenant what was your share of investment?

a. Infrastructural expenses, pumpset, canal etc.
b. What % of share for inputs---------
6.9 How far the HYV are profitable compared to the old varieties?  
   a. Double (twice)  
   b. Thrice  
   c. Not better  

6.10 Recently have you shifted to old varieties after experimenting with new varieties of HYV?  
   Yes/No  

6.11 If yes, give reasons:  

6.12 Have you tried any HYV for coconut and arecanut?  
   Yes/No  

7. Size of Farm and Production Function  

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Crops Farm</th>
<th>Inputs</th>
<th>Quantity Value</th>
<th>Gross Value</th>
<th>Total cost</th>
<th>Net output - in Rs of production</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Present</td>
<td>S</td>
<td>F</td>
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<tr>
<td>a.</td>
<td>Paddy</td>
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<td>b.</td>
<td>Areca</td>
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**Before the reform**  

|                        |        |                |             |            |                                 |
| a. Paddy               |        |                |             |            |                                 |
| b. Areca               |        |                |             |            |                                 |

S = Seeds  
F = Fertilizer  
P = Pesticides  
L = Labour  
W = Water
II LAND REFORM AND INCOME CHANGE

1.1 Total annual income of the household from land source:
   i. At present Rs. _____
   ii. Prior to the reform Rs. _____

21. Main occupation of the household:
   i. Agriculture
   ii. Business
   iii. Government Service
   iv. Priesthood or Others (specify)

2.2 Subsidiary occupation (if any): i. _____
   ii. _____

2.3 For how many months a year do you have agriculture?
   _____ months

2.4 Major crops that contribute to the household income:
   i. coconut
   ii. arecanut
   iii. _____
   iv. _____

2.5 Details regarding the income source and their share

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Crop Grown</th>
<th>Area under cultivation</th>
<th>Total qty. of production</th>
<th>Gross % income (Value)</th>
<th>Share in income</th>
<th>Cost of cultivation</th>
<th>Net income</th>
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<tbody>
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<td>Main</td>
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<td>Total</td>
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Before the reform

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</table>

2.6 When did you take up subsidiary occupation? Year ____________

2.7 If it is after the reform what was the reason for taking up this additional occupation?
   a. Loss of land  b. Need for higher income  c. Any other (specify)

2.8 Did you have any sub-occupation before the reform which was discontinued subsequently? Yes/No

2.9 If yes, the reason for discontinuation:
   a. Gaining of land due to reform
   b. 'Management problem
   c. Dispute with the tenant
   d. Any other (specify)

2.10 Pairs of bullocks owned before reform? Nos________

2.11 Did you sell bullocks or cart after you lost land? Yes/No

2.12 If yes, number of pairs sold: Nos.

2.13 Why did you sell? Give reasons:

2.14 Did you sell pumpsets after losing land? Yes/No
   If yes, reasons:
### 2.15 Details regarding the assets owned

<table>
<thead>
<tr>
<th>Assets (Items)</th>
<th>Nos. owned Prior to reform</th>
<th>Present</th>
<th>Nos prior to reform</th>
<th>Sold present</th>
<th>Nos purchased Prior to reform</th>
<th>Present</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Pumpsets</td>
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<tr>
<td>2. Bullocks</td>
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<td>3. Huller</td>
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<td>4. Tractor</td>
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<td>5. Agricultural Implements</td>
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<td>6. Vehicles or any other (specify)</td>
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### 3. Financial Assistance

3.1 Did you receive any financial benefit from the Government? Yes/No

3.2 If yes, in what way? Do you come under any development programme? If so, mention the programme: Programme

3.3 Did you receive compensation from the Government for the land lost? Rs. ____

3.4 If the case was fought in a court of law, have you received any assistance from the Government in this regard? Yes/No

3.5 If the transfer of land was through amicable settlement between yourself and the tenant, how much amount did you get as compensation? Rs. ____

3.6 Whether the amount received, was higher or lower than the Government prescribed compensation rate? Higher/Lower

3.7 What prompted you for an amicable settlement in case the compensation paid (ie. received) was less than the Government prescribed rate? Give reasons.
3.8 Whether you got the compensation by the tenant in instalments or in lumpsum. Instalment/lumpsum

3.9 Have you faced any administrative problems (i.e., problems in dealing with Government officials like Thasildars, BDO's or Tribunal members) in connection with receiving compensation? Yes/No

3.10 If yes, what type (specify)

3.11 If you were reduced to be a small holder (or marginal) after the reform; have you received any assistance by the Government in this regard? Yes/No

3.12 Are you benefited out of any development programme of either state or central government? Yes/No

3.13 Details regarding (year of compensation received/paid)

<table>
<thead>
<tr>
<th>Category</th>
<th>Year of settlement of the</th>
<th>Areas of land lost/gained</th>
<th>Compensation fixed by the Govt.</th>
<th>Market value of the lost land</th>
<th>Total No. of Instalments received (Stretch of year)</th>
<th>No. of Instalments received</th>
<th>Total Amt received/paid</th>
<th>Remaining Instalments &amp; amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Cases decided by the tribunals</td>
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<tr>
<td>2. Cases decided by the Court</td>
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<td>3. Amicable Settlements</td>
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</table>


3.14 Details regarding the source of finance (if any)

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Source of Institution</th>
<th>Loan Amount</th>
<th>Year</th>
<th>Purpose of Loan</th>
<th>Rate of Interest</th>
<th>Total No. of Installments</th>
<th>Instalments Re-paid</th>
<th>Instalments let out to be paid</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
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<td>3.</td>
<td>Cooperatives</td>
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<td>4.</td>
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<td>Relatives</td>
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</tbody>
</table>

3.15 Have you got any assistance by the Government or any other agency (like political parties) in deciding the case in the tribunal/court? Yes/No

3.16 If yes, from which agency? (specify)

3.17 Do you feel that political organisation have an important role in getting the reform measures implemented? Yes/No

4. Nature of Family (Land holding subdivision)

4.1 Is yours a nuclear or Joint family Nuclear/Joint

4.2 If it is nuclear family for land record's sake and Joint family otherwise Yes/No

4.3 If it is joint family for all other practical purposes, when did you divide the land for record's sake? Year

4.4 How many divisions have you made of your land?

4.5 Whether even now, the managerial decisions are taken by single person for agriculture purpose? Single/Differe...
4.6 Did you divide the family on the eve of land reform measures (i.e. to avert the land reform perview) Yes/No

4.7 If yes, what was your family income before the division of the land? (Approx.)

4.8 Do you feel that the division of the family has affected the agricultural operation positive/negative

4.9 If positively (specify)

4.10 If negatively (specify)

4.11 How many members of your family do take part in agricultural operation (mostly managerial) No: ________

4.12 How many members used to take part, in this task before the division of the family? No: ________

4.13 Have you divided the land after you gained it? Yes/No

4.14 If yes, how could you do it? Off the records/legally

5. Expenditure

Details regarding the expenditure pattern

5.1 How much amount have you invested in land (in total) for permanent land improvement (or any other major work) after the reform measures? Total in Rs. ________

5.2 How much have you invested in total over the land before the reform? Amount in Rs. ________

5.3 How much do you invest per year for agricultural purpose now? Amount in Rs. ________

5.4 Prior to the reform were you investing in the tenants cultivated land for agricultural operation? Yes/No

5.5 If yes, how much you used to invest per year? Amount in Rs. ________
### 5.6

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Crop</th>
<th>Investment in own cultivated are (non monetary)</th>
<th>Monetary Investment</th>
<th>Value of other inputs</th>
<th>Total Investment</th>
<th>Rent (earlier) Received</th>
<th>After Reform</th>
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<tr>
<td>1</td>
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<td>2</td>
<td>Areca</td>
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<td>3</td>
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<td>4</td>
<td>Coconut</td>
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<td>5</td>
<td>Any other (specify)</td>
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**Total**

### 5.7 Details regarding paddy cultivation

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Land Area Cultivated</th>
<th>Expenditure</th>
<th>Total qty. Produced</th>
<th>Total qty. Consumed</th>
<th>Left out for Market</th>
<th>Monetary gain by Marketing</th>
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<td>7.5 - 10</td>
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<td>7</td>
<td>15 - 25</td>
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<td>25 - 50</td>
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<td>50 - 100</td>
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<td>Above 100</td>
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<td>Sl. No.</td>
<td>Crop Grown</td>
<td>Areas under cultivation</td>
<td>Quantity produced</td>
<td>Gross Value of the product (gross income)</td>
<td>Total Cost of production</td>
<td>Quantity consumed</td>
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<td>Sugarcane</td>
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<table>
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<tr>
<th>Sl. No.</th>
<th>Sources</th>
<th>No. of days</th>
<th>Gross Rent</th>
<th>Net Income</th>
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<tbody>
<tr>
<td>1.</td>
<td>Hiring Bullocks</td>
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<tr>
<td>2.</td>
<td>Pumpsets</td>
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<td>4.</td>
<td>Implements</td>
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### DETAILS REGARDING THE SECTORAL CONTRIBUTION TO THE INCOME OVER THE YEARS

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<td>a. Animal Husbandry</td>
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<tr>
<td>b. By hiring out Bullocks and Agricultural Implements</td>
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<td>2. Business (All types of Business small and large scale industry even self employment schemes)</td>
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<tr>
<td>a. Government</td>
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<td>b. By hiring out Bullocks</td>
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<td>c. Business (All types of</td>
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</table>

Reasons for change in % share in annual income over the years:

a. Change in land possession

b. Change in Educational level

c. Urban contact

4. Communicational Impact
# PART II

## EMPLOYMENT SHIFTS

I. Details showing the No. of labour employed (in mandays); wages paid and total production before and after the reform per annum:

<table>
<thead>
<tr>
<th>Crop Grown</th>
<th>Before</th>
<th>After</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Area cultivated</td>
<td>No. of Labour</td>
</tr>
<tr>
<td>1. Arecanut</td>
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<tr>
<td>2. Coconut</td>
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<tr>
<td>Total</td>
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</table>

## II

<table>
<thead>
<tr>
<th>Kharif</th>
<th>Area (Mandays)</th>
<th>Wages (in Rs)</th>
<th>No. of Labour</th>
<th>Rabi</th>
<th>Area (Mandays)</th>
<th>Wages (in Rs)</th>
<th>No. of Labour</th>
<th>Wages (in Rs)</th>
<th>Total No. of Labour Mandays (per year)</th>
<th>Total Wages paid (in Rs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
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<td>8</td>
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</table>

Paddy

Sugarcane

Total

Present

1

Paddy

Sugarcane

Total
### III. DETAILS REGARDING THE CHANGE IN LABOUR INPUT PER ACRE OF LAND BEFORE AND AFTER THE REFORM

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</thead>
<tbody>
<tr>
<td>Area</td>
<td>Total No. of</td>
<td>Total</td>
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<td>Total</td>
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<td>of Labour</td>
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<td>(No. of Mandays)</td>
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**Remarks by the investigator:**