1. Identification Particulars of the Sampled farming household

1. Serial No. of sampled household

2. Name of the farmer

3. Whether belonging to Scheduled Caste Yes/No

4. Village

5. C.D. Block

6. Tehsil

7. District

8. Date of first visit of investigator

9. Date of second visit of investigator

10. Period covered from to
### Sch.3.1 2. Agricultural Machinery

<table>
<thead>
<tr>
<th>Question</th>
<th>Options/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Do you own agricultural machinery? If yes, specify the agricultural machinery.</td>
<td>Yes/No</td>
</tr>
<tr>
<td></td>
<td>1. Tractor</td>
</tr>
<tr>
<td></td>
<td>2. Thresher</td>
</tr>
<tr>
<td></td>
<td>3. Harvester</td>
</tr>
<tr>
<td></td>
<td>4. Diesel Engine</td>
</tr>
<tr>
<td></td>
<td>5. Electric Motor</td>
</tr>
<tr>
<td></td>
<td>6. Any other (specify)</td>
</tr>
<tr>
<td>2. Did you face any difficulty in obtaining the agricultural machinery?</td>
<td>Yes/No</td>
</tr>
<tr>
<td></td>
<td>If yes, specify machine-wise.</td>
</tr>
<tr>
<td></td>
<td>1.</td>
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<td></td>
<td>2.</td>
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<td>3.</td>
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<td>4.</td>
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<tr>
<td></td>
<td>1.</td>
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<td>3.</td>
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<tr>
<td></td>
<td>4.</td>
</tr>
<tr>
<td>3. If not having agricultural Machinery, give reasons.</td>
<td>Lack of finance</td>
</tr>
<tr>
<td></td>
<td>2. Not profitable</td>
</tr>
<tr>
<td></td>
<td>3. Not available</td>
</tr>
<tr>
<td></td>
<td>4. Any other reasons (specify).</td>
</tr>
<tr>
<td>4. Do you hire?</td>
<td>Yes/No</td>
</tr>
<tr>
<td>(a) Tractor</td>
<td>Small holding</td>
</tr>
<tr>
<td>If not, give reasons</td>
<td>2. Lack of facility</td>
</tr>
<tr>
<td></td>
<td>3. Lack of finance</td>
</tr>
<tr>
<td></td>
<td>4. Any other reason(specify)</td>
</tr>
</tbody>
</table>
### Sch. 3.2  2. Agricultural Machinery (continued)

<table>
<thead>
<tr>
<th>(b) Thresher</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>If no, give reasons</td>
<td></td>
</tr>
<tr>
<td>1. Small quantity</td>
<td></td>
</tr>
<tr>
<td>2. Lack of facility</td>
<td></td>
</tr>
<tr>
<td>3. Lack of finance</td>
<td></td>
</tr>
<tr>
<td>4. Any other reason (specify)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(c) Harvester</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>If no, give reasons</td>
<td></td>
</tr>
<tr>
<td>1. Small holding</td>
<td></td>
</tr>
<tr>
<td>2. Lack of facility</td>
<td></td>
</tr>
<tr>
<td>3. Lack of finance</td>
<td></td>
</tr>
<tr>
<td>4. Any other reason (specify)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(d) Tube-well</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>If no, give reasons</td>
<td></td>
</tr>
<tr>
<td>1. Small holding</td>
<td></td>
</tr>
<tr>
<td>2. Lack of finance</td>
<td></td>
</tr>
<tr>
<td>3. Lack of facility</td>
<td></td>
</tr>
<tr>
<td>4. Any other reason (specify)</td>
<td></td>
</tr>
</tbody>
</table>

5. Do you have any fragmentation which is unirrigated? Yes/No

If yes, why have you not made arrangement for providing irrigational facilities, give reasons.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Lack of finance</td>
</tr>
<tr>
<td>2.</td>
<td>Underground water is defective</td>
</tr>
<tr>
<td>3.</td>
<td>Lack of boring facilities</td>
</tr>
<tr>
<td>4.</td>
<td>Unprofitable</td>
</tr>
<tr>
<td>5.</td>
<td>Any other reason (specify)</td>
</tr>
</tbody>
</table>

### 3. Details of Fertilisers

<table>
<thead>
<tr>
<th>1. Do you use fertilizer?</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>If no, give reasons</td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>Lack of finance</td>
</tr>
<tr>
<td>2.</td>
<td>Lack of availability</td>
</tr>
<tr>
<td>3.</td>
<td>Any other reason (specify)</td>
</tr>
</tbody>
</table>
2. Do you know the recommended dose of fertilizers?
   - Yes/No
   - If yes, do you use recommended dose?
     - Yes/No
   - If no, give reasons.
     1. Not adequately available.
     3. Over recommended dose.
     4. Any other reason (specify).

3. Is fertilizer available in your village?
   - Yes/No
   - If no, give the distance of nearest point where fertilizer is available.
     (Km.) ......

4. Do you face difficulty in getting the fertilizer?
   - Yes/No
   - If yes, give details.
     1. Not adequately available.
     2. Selling in blackmarket.
     3. Any other reason (specify).

4. Improved Agricultural Practices and Irrigation

1. Do you know improved agricultural practices?
   e.g., 1) Sowing in line
         2) Proper spacing
         etc.
   - Yes/No
   - If yes, do you adopt these practices?
     - Yes/No
   - If no, give reasons
     1. 
     2. 
     3. 
     4.
### Sch. 3.4

#### 4. Improved Agricultural Practices and Irrigation

2. **Do you know crops rotation?**
   - Yes/No

   **If yes, do you adopt it?**
   - Yes/No

   **If no, give reasons.**
   1. Small holding.
   2. Lack of irrigation facilities.
   3. Any other reason. (specify).

---

#### 5. Marketing and Storage Facilities

1. **Where do you sell your produce?**
   - In village/in market/in both

   **(a) If in the market, through which agency.**
   2. Private Commission Agent.
   3. Both.

   **(b) If through private commission agent, give reasons.**
   1. Credit facilities.
   2. More interest is taken in disposing off the produce.
   3. Any other reason (specify).

2. **If in the village, give reason.**
   1. Small quantity of produce.
   2. High cost of transportation.
   3. Indebtedness to the village merchant.
   4. Any other reason (specify).
Sch.3.5  5. Marketing and Storage Facilities (continued)

3. Did you face any difficulty in selling your agriculture produce?  
   Yes/No
   If yes, give details.  
   1.  
   2.  
   3.  
   4.

4. Do you have sufficient storage facilities in your house?  
   Yes/No
   (a) If yes, give,  
      i) its type.  
      ii) covered area of the store.  
      (Sq. fit.)
   (b) If no, do you hire store?  
      Yes/No
   (c) If yes, what type of store it is?  
      Pacca/Kacha
   (d) Charges for hiring the store.  
      Rs. ......9(p.m.)
   (e) Average period of storage of crops after harvesting in:-  
      i) owned store.  
      ii) hired store.
   (f) Did you suffer any losses due to poor storage facilities?  
      Yes/No
      If yes, give its approximate loss.  
      1. Percentage ......%  
      2. Value: Rs............

5. Do you face difficulties in hiring the store?  
   Yes/No
   If yes, give details  
   1.  
   2.  
   3.  
   4.
### 5. Marketing and Storage Facilities (continued)

6. Do you use bins for storing the grains?  
   Yes/No  
   If no, give reasons.  
   1. Not available  
   2. Costly  
   3. Not very useful  
   4. Ignorance  
   5. Any other reason (specify).

7. In the absence of grain bins do you use gunny bags?  
   Yes/No  
   If yes, do you suffer any losses?  
   Yes/No  
   If yes, give approximate loss and approximate value  
   1. Percentage......../  
   2. Value: Rs........

### 6. Pesticides/Insecticides

1. Do you use insecticides on the crops?  
   Yes/No  
   If no, give reasons.  
   1. No need.  
   3. Ignorance.  
   4. Lack of finance.  
   5. Any other reason (specify).

2. Do you use pesticides in storing the produce?  
   Yes/No  
   If no, give reasons.  
   1. No need.  
   3. Ignorance.  
   4. Lack of finance.  
   5. Any other reason (specify).

3. Do you face difficulties in getting insecticides/pesticides from the market?  
   Yes/No
6. Pesticides/Insecticides
(continued)

If yes, give details.

1. 
2. 
3. 
4. 

7. Labour

1. Do you employ permanent labour?  
   Yes/No
   If yes, since how long? ............

2. Specify the mode of payment to permanent labour.  
   Cash/Kind or both

3. Do you face difficulties in getting the permanent labour?  
   Yes/No
   If yes, give details of difficulties.
   1. 
   2. 
   3. 
   4. 

4. Do you face difficulties in getting casual labour?  
   Yes/No
   If yes, give details of difficulties.
   1. 
   2. 
   3. 
   4. 

5. Do you employ labour from other states?  
   Yes/No
   If yes, i) Number employed.  
      1. Casual............
      2. Permanent............
   ii) Specify states. 
   iii) Reasons for employing them.
      1. 
      2. 
      3. 
      4.
Sch.3.8 7. Labour (continued)

6. Do all working members of your family join you at the time of harvesting? Yes/No

If no, have they ever done so before? 1. Yes/No

If yes, why have they stopped in doing so? Give reasons. 1. 2. 3. 4.

7. Do you feel that some members of your family can be spared for off farm jobs? Yes/No

If yes, why have they not taken up jobs outside the farm? Give reasons. 1. 2. 3. 4.

8. Seeds

1. Do you use seed of HIV? Yes/No

   a) If yes, specify the crops. 1. 2. 3. 4.

   b) If not, give reasons. 1. 2. 3. 4.

2. Do you use Owned seeds/Purchased seeds/Both

3. If you use purchased seeds,
### 8. Seeds (continued)

**a) Specify the reasons thereof.**
- 1.
- 2.
- 3.
- 4.

**b) Source of supply.**
- 1. Village
- 2. Market
- 3. Specialized institutions, specify.

**c) Give reasons for preferring the specific source of supply.**

<table>
<thead>
<tr>
<th>Source</th>
<th>1.</th>
<th>2.</th>
<th>3.</th>
<th>4.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Village</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Market</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specialized</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Institutions</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 9. Miscellaneous

1. Do you have sufficient family income?  
   Yes/No
2. If no, have you adopted any subsidiary occupation?  
   Yes/No
3. (a) If no, give reasons.  
   - 1.
   - 2.
   - 3.
   - 4.
2. Do you lease out your land? Yes/No

If yes, specify:

(i) the number of tenants

(ii) specify the number of times when you change the tenants during the last five years.

3. Do you have leased in land? Yes/No

If yes, specify:

(i) number of owners of leased in land.

(ii) number of fragments.

contd.....
### Sch.3.11 9. Miscellaneous (contd.)

<table>
<thead>
<tr>
<th>Year</th>
<th>Purchased</th>
<th>Sold</th>
<th>Mortgaged (in)</th>
<th>Mortgaged (out)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Area Value (acres)</td>
<td>Value (Rs.)</td>
<td>Area Value (acres) for sale (give* code)</td>
<td>Area Value (acres) for mortgage (give* code)</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

**4. Did you make any transaction in land since 1971-72?**

Yes/No

If yes, give details:

<table>
<thead>
<tr>
<th>Year</th>
<th>Purchased</th>
<th>Sold</th>
<th>Mortgaged (in)</th>
<th>Mortgaged (out)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Area Value (acres)</td>
<td>Value (Rs.)</td>
<td>Area Value (acres) for sale (give* code)</td>
<td>Area Value (acres) for mortgage (give* code)</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

* 1) Funds required for marriage  v) Repayment of debt, Code 1
   11) Funds required for house construction, Code 2  vi) To purchase more land on cheap rates, Code 6
   111) Funds required for purchase of bullock, Code 3  vii) Funds required for the studies of dependents, Code 7
   1v) Funds required for purchase of Agri machinery, Code 4  viii) Others (specify), Code 8

**5. Did any member of your family discontinue his/her studies?**

Yes/No

If yes, give details memberwise:
### Sch.3.12  
**9. Miscellaneous**  
(contd.)

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Stage at which discontinued</th>
<th>Reasons for discontinuation (indicate codes)*</th>
</tr>
</thead>
</table>

* 1) Lack of funds, Code 1  
   2) To fulfill family/domestic requirements, Code 2  
   3) Lack of educational institutions, Code 3  
   4) Lack of interest in studies, Code 4  
   5) Family Taboo, Code 5  
   6) Other (specify), Code 6.

---

### 6. Did you ever ask for loans from any agency since 1974?  
If yes, give details year-wise and agency-wise:

<table>
<thead>
<tr>
<th>Year</th>
<th>Name of When</th>
<th>Whether</th>
<th>Amount Receivable</th>
<th>Amount Received</th>
<th>Whether in getting the loans</th>
<th>Difficulties</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>(Rs.)</td>
<td>(Rs.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1974-75</td>
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<td></td>
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<td>1975-76</td>
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<td>1976-77</td>
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<td>1977-78</td>
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<tr>
<td>1978-79</td>
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</tr>
</tbody>
</table>
6. (continued)

xx i) Procedure cumbersome/complicated, Code 1
   ii) Non-cooperative/indifferent attitude of the employees, Code 2
   iii) Time consuming, Code 3
   iv) Take very long time in sanctioning the loans, Code 4
   v) High rate of interest, Code 5
   vi) Others (specify), Code 6.