APPENDIX - I

QUESTIONNAIRE FOR VILLAGES SELECTED FOR CASE STUDIES

1] Name of the Village:

2] Area in hectares:

3] Location:

4] Physical Features:

5] Population / Cultivators/
   Agricultural workers:

6] Area irrigated by sources of water supply (in hect.)

<table>
<thead>
<tr>
<th>Irrigated area</th>
<th>Canals Pvt. Govt</th>
<th>Tanks</th>
<th>Wells</th>
<th>Other Sources lift etc.</th>
</tr>
</thead>
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</tbody>
</table>
Total wells _______________ in operation.

Depth of well _______________ metre, water table from surface in month of May __________ metre, in month of October ______ metre.

Lift irrigation Schemes, date of operation _______________

**METHODS OF IRRIGATION USED**

i] Flood  
ii] Border  
iii] Furrow  
iv] Corrugation  
v] Sprinkle  
vi] Drip any other local - mention the name

**IMPLEMENTS**

a] Mechanical  
   i] Total Oil engines  
   ii] Electric Pumps  
   iii] Wooden Plough  
   iv] Iron Plough  
   v] Tractors  
   vi] Other agricultural Machinery available

b] Bio chemical  
   i] Fertilizers used, type and quantity  
   ii] HYV / Hybrid seeds, Crops and quantity  
   iii] Insecticides / Pesticides / total consumption Kg./ Litre.

**GENERAL LANDUSE :**

i] Area under forest  
ii] Uncultivated land  
iii] Area put to non - agricultural uses  
iv] Cultivable waste
v] Permanent pasture and other grazing lands.
vi] Miscellaneous tree crops and groves
vii] Current fallow
viii] Other Fallow land
ix] Net Area Sown
x] Total gross cropped area
xi] Total geographical area.

9] AREA UNDER DIFFERENT CROPS AND PER HECTARE YIELD:

<table>
<thead>
<tr>
<th>Sr.No.</th>
<th>Crop</th>
<th>Area</th>
<th>Yield</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Total Area in hect</td>
<td>Un-irrigated Crops</td>
</tr>
<tr>
<td>1.</td>
<td></td>
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<td>2.</td>
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<td>3.</td>
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<td>4.</td>
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</table>

10. PROBLEMS OF IRRIGATED LAND: Mark (3)

i] Shortage of Water ( ) mention the months.
ii] Distribution of Water ( )
iii] Financial Problem ( )
iv] Water logging ( ) mention the area in hectares.
v] Any other problems related to degradation of the environment

Date: / / Signature of Tahesildar / Talathi